PROPEL

Smarter Transportation.
Stronger Communities.

US 41

Environmental Constraints Report

October 2026

Prepared by:

HNTB

INDIANA DEPARTMENT OF TRANSPORTATION
INDOT

Contents

1 Introduction 1
1.1 Study Limits 1
1.2 Report Purpose 2
2 Identifying Environmental Constraints 4
2.1 Methodology 4
2.2 U.S. 41 Study Corridor Overview 4
2.3 Resource Agency, Stakeholder & Public Involvement 4
3 Land Use, Infrastructure, and Community Facilities 5
3.1 Community Plan Summaries 5
3.1.1 Land Use 5
3.1.2 Comprehensive Plans 6
3.1.3 Zoning Plans 7
3.1.4 Tax Increment Financing (TIF) Districts 7
4 Infrastructure 9
4.1 Utilities 9
4.2 Railroads 9
4.3 Airports 10
4.4 Community Facilities 10
4.4.1 Schools 11
4.4.2 Places of Worship 12
4.4.3 Cemeteries 13
4.5 Public Services 13
4.5.1 Hospitals 13
4.5.2 Fire Stations 13
4.5.3 Police Stations 14
4.5.4 Libraries 14
4.5.5 Recreational Facilities 14
5 Natural Resources 17
5.1 Wetlands 18
5.1.1 *Mitigation Sites* 18
5.2 Soils 18
5.3 Streams/Rivers 19
5.3.1 IDEM 303(d) Listed Streams and Lakes 19
5.3.2 Special Status Streams and Rivers 20
5.4 Floodplains 20
5.4.1 Flood Hazard Mitigation Grant Program Lands 20
5.5 Open Water 20

5.6 Wildlife Habitat 21
5.7 Protected Species 21
5.8 Source Water Assessment and Wellhead Protection Areas 23
6 Cultural Resources 24
6.1 Above-Ground Cultural Resources 24
6.1.1 Historic Canal Routes 25
6.1.2 Centennial Farms 26
6.2 Archaeological Cultural Resources 26
7 Section 4(f) & 6(f) Resources 27
7.1 Section 4(f) Resources 27
7.2 Section 6(f) Resources 28
8 Mineral Resources/Petroleum Wells 29
9 Air Quality 30
10 Noise 31
11 Hazardous Materials and Regulated Substances 32
12 Community Impact Assessment 34
12.1 Population Trends 35
12.2 Race 36
12.3 Hispanic or Latino 38
12.4 Income 40
12.5 Limited English Proficiency (LEP) 42
12.6 Limited Vehicle Access 44
12.7 Limited Internet Access 45
12.8 Persons with Disabilities 46
12.9 Age Groups 48
12.10 Unemployed Population 16 Years and Older 50
12.11 Households with Children 51
12.12 Housing and Urban Development Concerns 52
12.13 Summary 53
13 Conclusion 55
14 References 56
15 Attachments 60

Attachments

Attachment A – Environmental Constraints Summary Table
Attachment B – Community Impact Assessment
Attachment C – USGS Topographic Map Series
Attachment D – Environmental Constraints Maps Series
    Infrastructure Maps
    Water Resources & Mining/Mineral Exploration Maps
    Hazardous Materials Concerns Maps
Attachment E – Land and Water Conservation Fund Information
Attachment F – Soils Maps
Attachment G – Protected Species Information
Attachment H – Above-ground Cultural Resources Memo
Attachment I – Land Use Maps
Attachment J – Noise Sensitive Areas Memo

List of Figures

Figure 1: ProPEL US 41 Study Limits 2
Figure 2: Railroad Crossing of U.S. 41 in Terre Haute 10
Figure 3: Bat Urine Staining on S.R. 641 Bridge over U.S. 41 22
Figure 4: Bat Guano along the Ground at S.R. 641 over U.S. 41 23
Figure 5: Location of Historic Wabash-Erie Canal 25
Figure 6: Maple Avenue Nature Park and Trail along east side of U.S. 41 28
Figure 7: Non-White Populations Percentage by Census Tract 38
Figure 8: Hispanic or Latino Populations Percentage by Census Tract 40
Figure 9:Percentage of Populations Below Poverty Level by Census Tract 42
Figure 10: Percent of Population that Speaks English Only 43
Figure 11: Percent of Populations that Commute in a Car, Truck, or Van 45
Figure 12: Percentage Without Internet Subscription 46
Figure 13: Disability Populations 48
Figure 14: Populations 0 to 17 Years of Age 49
Figure 15: Population 65 or Older 50
Figure 16: Percent Unemployed 16 Years or Older 51
Figure 17: Percent Households with Children 52
Figure 18: Dreiser Square Housing Development 53

List of Tables

Table 1: Infrastructure Resources 9
Table 2: Community Facilities 11
Table 3: Water Resources 17
Table 4: Mineral Resource and Petroleum Wells 29
Table 5: Hazardous Materials and Regulated Substances 32
Table 6: Study Area and Surrounding Counties Population Trends, 2000-2020 35
Table 7: Study Area and Surrounding Counties Population Projections, 2020-2050 36
Table 8: Percentage of Populations that is Non-White by Census Tract 37
Table 9: Percentage Hispanic or Latino 39
Table 10: Total Census Tracts with Populations Below Poverty Level 41
Table 11: Summary of Community Impact Assessment 54

1 Introduction

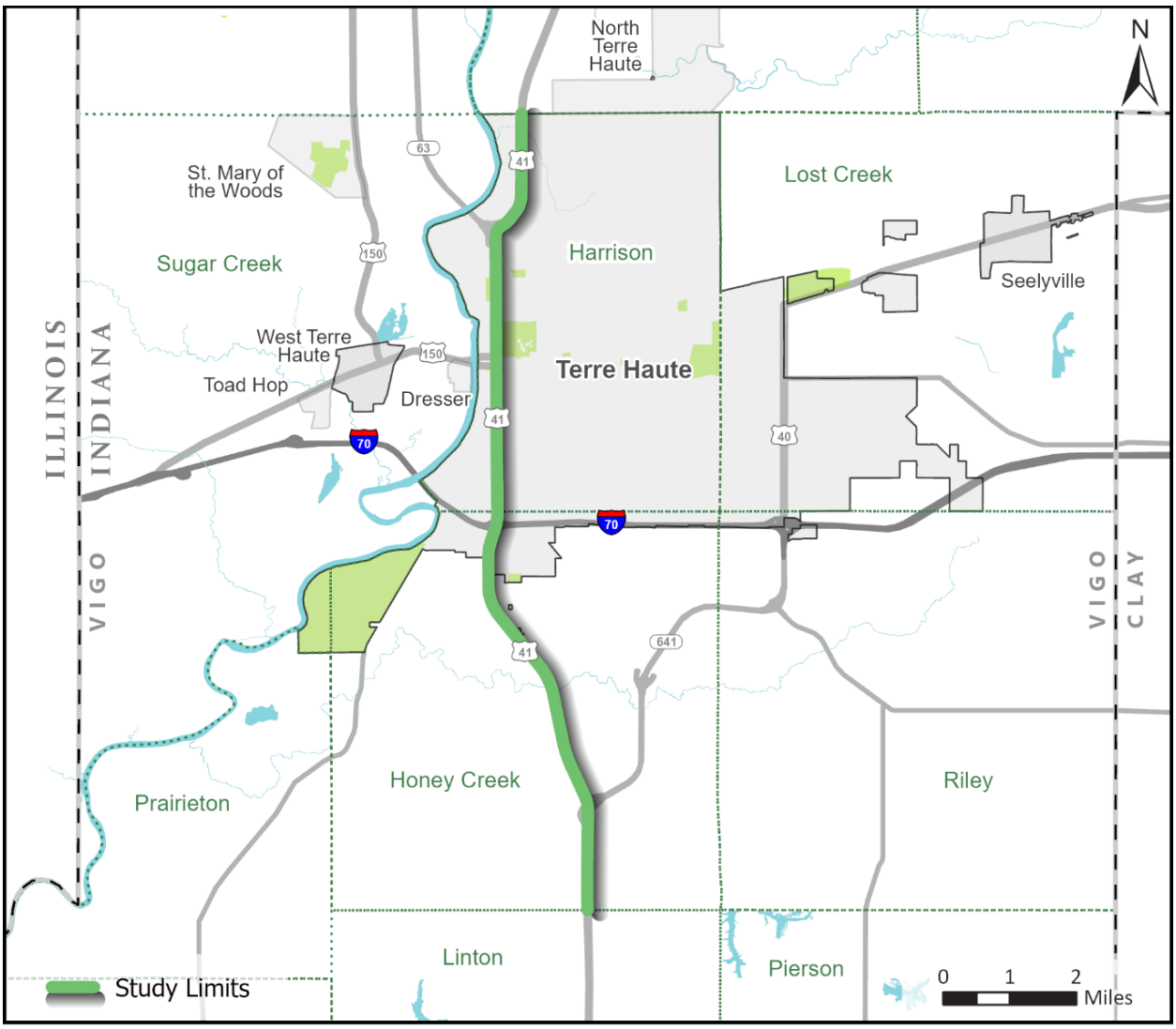
The Indiana Department of Transportation (INDOT) is initiating ProPEL US 41, a Planning and Environment Linkages (PEL) study on U.S. 41 in Vigo County, Indiana. Analysis and planning activities will be conducted in coordination with the public, resource agencies, and stakeholders including the City of Terre Haute, Vigo County, Terre Haute Area Metropolitan Planning Organization (THAMPO), Vigo County Area Plan Commission, Terre Haute Redevelopment, Terre Haute Area Economic Development, Terre Haute Transit Utility, Terre Haute Regional Airport, Vigo County School Corporation, Indiana State University, Rose-Hulman Institute of Technology, Ivy Tech Community College – Terre Haute, health care facilities, and private sector/logistics facilities. Transportation planning products from the PEL process will shape and inform subsequent project-specific environmental reviews conducted in accordance with the National Environmental Policy Act (NEPA).

ProPEL US 41 is a unique opportunity for the City of Terre Haute and Vigo County residents to share their vision for the future of U.S. 41 through Vigo County. The primary goal of the ProPEL US 41 study is to develop multiple high-level solutions for potential improvements to U.S. 41 by examining safety, mobility, and environmental factors, while aligning with the economic and land use development visions of the City of Terre Haute, the THAMPO, businesses and communities of interest within the study area, and regional users. This will set the long-term vision for transportation infrastructure investments along the U.S. 41 corridor. Transportation infrastructure investments include a range of projects that would enhance the safety, mobility, efficiency, and sustainability of the transportation system and could include road and bridge projects, transit system changes, and multimodal projects such as bicycle lanes and sidewalks.

1.1 Study Limits

The ProPEL US 41 study limits include approximately 12.5 miles along U.S. 41, from 1.54 miles south of S.R. 641 (Harlan Avenue) to 1.9 miles north of S.R. 63 (E. Haythorne Avenue), as shown in **Figure 1: ProPEL US 41 Study Limits**.

Figure 1: ProPEL US 41 Study Limits



1.2 Report Purpose

The purpose of this report is to identify and document environmental constraints that may influence the ProPEL US 41 study. This review identifies existing socioeconomic, natural, cultural, and human resources that may constrain potential alternatives within the ProPEL US 41 study area. This Environmental Constraints Report will allow for the understanding of environmental resources and concerns within the study area and will be used as a tool during the PEL study. It will also highlight future data and/or coordination considerations that may need to be addressed as the study progresses. INDOT intends to carry the information and analysis developed for this PEL study into subsequent NEPA reviews for projects. This report is not a comprehensive

environmental analysis that would satisfy requirements under NEPA, nor is it intended to be used in determining regulatory permitting or other requirements.

2 Identifying Environmental Constraints

2.1 Methodology

To identify social, economic, and environmental constraints within the study area, information was collected through online database searches, imagery analysis, Google maps (http://maps.google.com), desktop geographic information analysis (GIS), limited field reconnaissance of the study area, and coordination with local planning agencies. The GIS data utilized was derived from various agencies affiliated with the State of Indiana, the Indiana Geographic Information Office (IGIO), the City of Terre Haute, Vigo County, the HNTB Community Intelligence Toolkit, and the US Department of Homeland Security Homeland Infrastructure Foundation-Level Data (HIFLD) GeoPlatform, each of which collects data from a myriad of sources.

Information will be obtained from the upcoming public involvement and stakeholder coordination process as part of the ProPEL US 41 study. The study team will be conducting stakeholder and public outreach, consisting of public information meetings, study launch events, community outreach events, and stakeholder meetings as the study moves forward. These meetings and the comments received will be documented in the Resource Agency, Stakeholder, and Public Involvement (RASPI) memos.

A study area of 0.5 mile from the existing U.S. 41 right-of-way in all directions was utilized to identify environmental constraints within the U.S. 41 study area. Demographic data including race, income status, disabilities, etc. was collected within a one-mile buffer of the study corridor. Exceptions to the half-mile study area are airports (buffer of 20,000 feet, or 3.8 miles, see the **Infrastructure Section**) and noise-sensitive areas (buffer of 500 feet from the edge of travel lanes per INDOT noise policy, see the **Noise Section)**.

2.2 U.S. 41 Study Corridor Overview

The ProPEL US 41 study corridor (hereon referred to as the “study area”) is located within an urban area of Terre Haute and extends north and south of Terre Haute to encompass the greater metropolitan area in Vigo County. The built environment along the ProPEL US 41 corridor consists of urban development with mixed residential, commercial, and industrial uses, but also includes suburban areas as well as limited agricultural uses.

2.3 Resource Agency, Stakeholder & Public Involvement

Information will be obtained from ongoing resource agency, stakeholder, and public involvement.

3 Land Use, Infrastructure, and Community Facilities

Aerial photography, GIS data (including US Geological Survey (USGS) Topographic Maps), and information from publicly available community plans were utilized to identify types of land use, infrastructure, and community facilities that currently exist within the study area.

3.1 Community Plan Summaries

The ProPEL US 41 study team is collecting and reviewing existing documentation, including community plans. Below is a summary of the existing land use information gathered from the available community plans, coordination with stakeholders, and observations within the corridor. For more information, please see the *Summary of Previous Studies* Report (ProPEL US 41, 2026).

3.1.1 Land Use

The U.S. 41 corridor study area includes a range of urban land uses aligned with its function as a primary transportation corridor. Land use transitions from industrial and heavy commercial in the southern segment to general commercial, institutional, and residential uses in the northern segment.

- **Southern Section (Harlan Avenue to Margaret Avenue):**
  Land use is primarily industrial and heavy commercial, including distribution facilities, warehousing, manufacturing sites, and access to Vigo County Industrial Parks. Large land parcels dominate this portion, with limited residential presence and infrastructure supporting freight and logistics operations.
- **Central Section (Margaret Avenue to Poplar Street):**
  This portion transitions into general commercial (C-3) and Central Business District (CBD) zoning, characterized by a dense concentration of retail, dining, hospitality, and service-oriented businesses**.** Notable commercial nodes occur at key intersections, including Hulman Street, Washington Street, and Poplar Street. This section also serves as a primary gateway into downtown Terre Haute and includes multimodal connectivity, including pedestrian infrastructure and public transit access.
- **Northern Section (Poplar Street to E. Haythorne Avenue):**
  Land use becomes more mixed-use, incorporating residential neighborhoods, institutional uses (e.g., Indiana State University and associated facilities), and public infrastructure, such as parks and civic spaces. The corridor in this section also includes medical facilities and social services. Zoning in this area supports both medium-density residential and institutional development.

Overall, land use along the study corridor reflects a high level of transportation integration and economic activity, with ongoing redevelopment efforts supported by planning instruments such as the Central Business District Tax Increment Financing (TIF) district and the Thrive 2025 Comprehensive Plan. This diverse land use context presents a unique opportunity for infrastructure enhancements that align with community growth, economic development, and multimodal mobility goals.

3.1.2 Comprehensive Plans

A comprehensive plan is a long-term, strategic document that outlines a community's vision for growth and development. The plan serves as a guide for land use, housing, transportation, economic development, public services, and environmental protection. The comprehensive plan establishes goals, policies, and actions to guide future improvements while reflecting the evolving needs and priorities of residents. As a living document, it is reviewed and updated to ensure it aligns with current objectives and supports sustainable progress. Terre Haute is guided by two planning documents, each serving distinct purposes.

- **Terre Haute & Vigo County Comprehensive Plan – THriVe 2025** (referred to hereafter as the *Comprehensive Plan*), and
- **See You in Terre Haute 2025 – Community Plan** (referred to hereafter as the *Community Plan*).

The *Comprehensive Plan* was adopted in 2007 by the Vigo County Area Plan Commission and serves as the official framework for land use, infrastructure, and overall physical development. It addresses a wide range of topics, including economic growth, transportation, house, and land management.

The *Community Plan,* developed by the Terre Haute Chamber of Commerce in partnership with local stakeholders and launched in 2019, provides a strategic, community-driven vision for the city's future. It emphasizes economic development, infrastructure investment, tourism, health and wellness, quality of life, and talent attraction and retention.

In addition to these two documents, the City of Terre Haute provides a range of specialized planning documents addressing specific infrastructure and policy areas, available on its "City Plans and Projects" webpage (https://www.terrehaute.in.gov/mayors-office/current-projects). These include:

- Parks and Recreation Master Plan
- Pavement Asset Management Plan
- Trailway and Greenway Plan
- Sanitary Sewer Master Plan
- Five-Year Neighborhood Plan

THAMPO prepares a Long-Range Transportation Plan every five years. The *Prepare and Advance Terre Haute (PATH) 2050 Metropolitan Transportation Plan (MTP)* and the *2045 Metropolitan Transportation Plan* (https://terrehautempo.com/plans-and-programs/metropolitan-transportation-plan) have both been reviewed. Additional coordination has been conducted with THAMPO about its long-range plan.

These documents provide further insight into targeted priorities and infrastructure planning efforts that may influence or support PEL-related decision-making. Additional planning documents can be found in the *Summary of Previous Studies* report.

3.1.3 Zoning Plans

The U.S. 41 study corridor traverses a wide range of land uses and zoning designations governed by both the City of Terre Haute and Vigo County. Zoning regulations within the area are administered by the Vigo County Area Planning Department under the authority of the Vigo County Unified Zoning Ordinance, which was officially adopted in October 1999. The ordinance establishes and incorporates the Official Zoning Maps, which delineate zoning districts throughout their jurisdiction, including those within the study area. These maps and regulations are subject to periodic review and amendment to changing development and policy objectives.

Within the southern segment of the study corridor, land is primarily zoned for industrial and heavy commercial uses, supported by the proximity to the Vigo County Industrial Parks and associated transportation infrastructure.

As the study corridor progresses northward, zoning transitions into C-3 and CBD classifications. These districts accommodate a broad mix of commercial land uses, such as retail centers, restaurants, offices, and hospitality services. Concentrated commercial activity is notably present near key intersections at Margaret Avenue, Hulman Street, and Poplar Street.

The northernmost portion of the study corridor includes a combination of residential and institutional zoning districts, reflecting a shift toward community-oriented land uses, including housing, schools, and civic facilities.

3.1.4 Tax Increment Financing (TIF) Districts

TIF districts are specialized geographic areas established by local governments to stimulate the economic development or redevelopment. Within these districts, property tax revenues generated above a defined base value are reinvested to fund public improvements and development projects within the district boundaries.

The Terre Haute Urban Enterprise Association (THUEA) was created to manage the Terre Haute Urban Enterprise Zone (UEZ), which was established in January 1994 under Indiana Code 4-4-6.1

for a 10-year term and extended in 2004. The UEZ encompassed approximately 2.76 square miles in the historic core of Terre Haute, roughly bounded by the Wabash River to the west, Conrail and CSX railroad tracks to the east, Locust Street to the north, and the southern boundary following the river, Hulman Street, Lockport Road, and Vorhees Street. THUEA's mission was to coordinate and promote development activities, serve as a liaison among residents, businesses, and government entities, and initiate community development initiatives to improve the physical environment and encourage economic growth within the UEZ.

In 2005, the City Council voted to discontinue the UEZ designation, effective December 2005. Subsequently, the THUEA dissolved as a nonprofit entity in December 2007. Any remaining program responsibilities are now overseen by the Terre Haute Department of Redevelopment. Currently, no active benefits are available under the UEZ program.

Within the study area, the CBD TIF district is one of four active TIF districts managed by the City of Terre Haute Department of Redevelopment and is the only TIF district intersecting the U.S. 41 study corridor. Established in the late 2000s to support downtown infrastructure improvements, the CBD TIF district was recently expanded in early 2025 to fund hotel construction and additional infrastructure projects. The district extends approximately from Poplar Street to Cherry Street within the study corridor.

Key projects supported by the CBD TIF include the Cherry Street Multi-Modal Transit Facility, a five-level transit and parking structure, and various streetscape improvements, such as curb and sidewalk upgrades, enhanced street lighting, and landscaping, all aimed at revitalizing Terre Haute's downtown core.

4 Infrastructure

4.1 Utilities

Standard overhead and underground utilities are located throughout the study area. This includes, but is not limited to, overhead electric transmission lines, communication lines, natural gas and petroleum pipelines, fiber optics, cellular communication towers, and wastewater and stormwater drainage structures and facilities. A more comprehensive breakdown of utilities in the study area is included in the *ProPEL US 41 Existing Transportation Conditions Report*. For the ProPEL US 41 study, only major utilities were mapped and analyzed, including underground pipelines and electric transmission lines. These resources are indicated in **Table 1: Infrastructure Resources** and are shown on the Environmental Constraints Map (**Attachment D, pages 1-6**).

Table 1: Infrastructure Resources

Infrastructure	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Major Utilities: Underground Pipelines	16	11
Major Utilities: Electric Transmission Line	16	3
Railroads (24 crossings)	7	5 (3 crossings)
Airports[1]	3	0

[1]Airport data is reported within a 3.8-mile (20,000-foot) buffer from apparent existing right-of-way.

There are 16 utility pipelines located within the study area, 11 of which intersect the study corridor. These below-grade pipelines carry natural gas, refined petroleum, and hydrocarbon liquid products, and they are owned and operated by Terre Haute Gas Corp., Shell Oil Co., Marathon Pipeline Co., Midwestern Gas Trans Co., and Texas Gas Transmission Co.

Additionally, there are 16 large electrical transmission lines within the study area, including three that are adjacent to or cross the study corridor. Considerations should be given for these utilities during planning, and impacts should be avoided and/or minimized when possible.

4.2 Railroads

There are seven railroad segments located within the 0.5-mile study area. There are five railroads, all active, that intersect or run adjacent to the study corridor, which are both grade-separated and at-grade crossings. The crossing positions of the railroad are variable throughout the overall study area and are detailed in the *ProPEL US 41 Existing Transportation Conditions Report*. Rail companies operating within the study area include CSX Railroad, Indiana Railroad Company, and

Decatur and Eastern Illinois Railroad. Considerations should be given for these railroads and corridors during planning, and impacts should be avoided and/or minimized when possible.

Figure 2: Railroad Crossing of U.S. 41 in Terre Haute



4.3 Airports

There are three airports mapped within the 3.8-mile (20,000-foot) buffer, including two private airports and one private-use heliport.

The heliport, which is within the 0.5-mile study area, is at Union Hospital, Inc., located 0.31 mile east of the study corridor along Eighth Avenue. The heliport is on the hospital roof near the Beech Street hospital entrance, and the helipad is intended for emergency responses.

Because some of the airports are located further than 0.5 mile from the study corridor, they may not appear in **Attachment D, pages 1-6.**

4.4 Community Facilities

This section identifies and describes schools, places of worship, cemeteries, public service facilities, and recreational resources that serve residents and businesses within the study area. There are 114 community facilities within the study area, 27 of which are within or adjacent to the study corridor. These resources are depicted in **Attachment D, pages 1-6** and described in the

following subsections. Data sources for this inventory include Indiana, Terre Haute, and Vigo County GIS datasets (IGIO (Indiana Geographic Information Office) and IndianaMap), aerial imagery, field reconnaissance, and the counties' comprehensive plans. For reference, see **Table 2: Community Facilities** and **Attachment D, pages 1-6**.

Table 2: Community Facilities

Community Facilities		Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Schools*		9	4
Places of Worship		37	6
Cemeteries		7	2
Public Services	Hospitals	4	0
	Fire Stations/EMS	5	0
	Police Stations	4	0
	Libraries	1	0
Recreation	Managed Lands	10	4
	Recreational Facilities	25	7
	Trails	12	4

*Includes K-12 and universities

Source: US Department of Homeland Security HIFLD GeoPlatform, State of Indiana, IGIO, Vigo County GIS Data

4.4.1 Schools

The study area is located within the Vigo County School Corporation (VCSC) district, which provides K–12 public education services. VCSC operates 15 elementary schools, five middle schools, three traditional high schools, an alternative school, and a virtual school. Within the 0.5-mile study area, there are seven K–12 schools, and two are located within or adjacent to the study corridor:

- Dixie Bee Elementary School – Located adjacent to the study corridor in the southwest quadrant of the U.S. 41/Jessica Drive intersection.
- Honey Creek Middle School – Situated adjacent to the study corridor at 63rd and Carlisle Street.

In addition to public K–12 institutions, two higher education facilities are located within the 0.5-mile study area and adjacent to the study corridor:

- Ivy Tech Community College – Terre Haute – U.S. 41 runs directly adjacent to the campus, which is located west of the highway and north of the S.R. 641 interchange.
- Indiana State University (ISU) – U.S. 41 traverses and borders much of the ISU campus, with the southern boundary at Wabash Avenue and the northern boundary at Tippecanoe Street.

Two institutions of higher education are located outside the 0.5-mile study area; however, faculty, staff, and students associated with these facilities may utilize U.S. 41 within the study corridor for regional access and connectivity.

Schools located within the study limit or identified as regularly utilizing the U.S. 41 corridor will be engaged, as appropriate, throughout the ProPEL US 41 study process.

4.4.2 Places of Worship

There are approximately 37 places of worship within the 0.5-mile study area, representing a wide range of faith groups, religious traditions, and cultural practices. Of these, six are located adjacent to the study corridor, some with direct access to U.S. 41 or that rely on U.S. 41 for access. In addition, other facilities within the study area may also depend on U.S. 41 for congregant access. These places of worship should be considered throughout the planning process, with efforts made to avoid or minimize potential impacts wherever possible.

Places of worship that could potentially be affected by future projects along the U.S. 41 study corridor include:

- The Church of Pentecost USA – PIWC Terre Haute/Shine Foster Family Resources – Located adjacent to the study corridor on the southeast corner of U.S. 41 and Jessica Drive.
- Faith Wesleyan Church – Located approximately 0.03 mile west of the study corridor south of Carlisle Street and Honey Creek Street.
- Methodist Temple – Located adjacent to U.S. 41 along the west side, with direct access to US 41 just south of the US 41/Greenbriar Drive intersection.
- Freedom Baptist Church Inc. of Terre Haute – Mapped adjacent to the study corridor, north of Vigo County Fairgrounds; however, this place of worship no longer exists at that location.
- Harvest Prayer Ministries Inc. – Mapped adjacent to the study corridor east of U.S. 41, along I-70.
- St. George Orthodox Church – Located approximately 0.05 mile east of the study corridor along McKeen Street.

- The King's Harvest Foursquare Church – Located approximately 0.05 mile east of the study corridor along Idaho Street.
- Greater Terre Haute Church Federation, Inc. - Located adjacent to U.S. 41 in the northeast quadrant of U.S. 41 and Wabash Avenue.
- Pentecostal House of Prayer B'nai Shalom – Located approximately 0.01 mile west of the study corridor along West Osborne Street.
- Cross Tabernacle Church – Located within and adjacent to the study corridor, approximately 0.45 mile north of the U.S. 41/S.R. 63 interchange.

4.4.3 Cemeteries

Seven cemeteries were identified within the study area. Two cemeteries are located within or directly adjacent to the study corridor:

- Saint Joseph's Catholic Cemetery – Adjacent to U.S. 41 study corridor, extending from 2nd Avenue to approximately 0.07 mile north of 4th Avenue.
- Woodlawn Cemetery – Adjacent to U.S. 41 study corridor, extending from approximately 0.07 mile north of 4th Avenue to 8th Avenue.

Any reasonable alternative advanced from the ProPEL US 41 study will require further evaluation of these resources and, as appropriate, coordination with the INDOT Cultural Resources Office (CRO).

4.5 Public Services

A total of 13 public facilities were identified within the 0.5-mile study area, including hospitals, fire departments, police departments, and public libraries.

4.5.1 Hospitals

Five hospitals are located within the 0.5-mile study area; none are situated within or directly adjacent to the study corridor. However, U.S. 41 serves as a primary access route to these facilities. Coordination with emergency service providers in Terre Haute and Vigo County will be conducted throughout the study to understand the planning context and operational needs of city and county emergency management services utilizing the U.S. 41 corridor.

4.5.2 Fire Stations

Five fire stations are located within the study area; none are situated within or directly adjacent to the study corridor. However, there will be coordination with nearby fire stations, as needed, throughout the study.

4.5.3 Police Stations

Four police stations are located within the 0.5-mile study area, none of which are situated within the study corridor. However, U.S. 41 serves as a primary access route for these agencies. Coordination with these departments, as well as other law enforcement agencies serving the stakeholder communities, will be undertaken as needed throughout the study.

4.5.4 Libraries

There is one public library within the 0.5-mile study area; however, it is not situated adjacent to the study corridor.

4.5.5 Recreational Facilities

A total of 47 recreational facility resources were identified within the study area. These resources include managed lands, recreational facilities (parks, playgrounds, schoolyards, etc.), and trails.

4.5.5.1 Managed Lands

Of the 10 managed lands noted within 0.5 mile of the study area, four are located on or immediately adjacent to the study corridor. These are noted below:

- Memorial Park is mapped in the southeast corner of U.S. 41 and 8th Avenue. This location is no longer a park and is currently the Harrison's Crossing Health Campus, which is a senior living community.
- A portion of Wabashiki Fish and Wildlife Area is located on both the north and south sides of S.R. 63 between the U.S. 41 and S.R. 63 interchange and the Wabash River. This is a naturalized area with no apparent public access.
- Maple Avenue Nature Park is in the northeast corner of U.S. 41 and Maple Avenue. This is a City of Terre Haute park with public access, shelters, trails, and a fishing lake.
- Healthy Rivers Initiative (HRI) Wabash River, located west of U.S. 41 and north of Haythorn Avenue, is a naturalized area with no apparent public access.

4.5.5.2 Trails

Twelve trails that are open or under development were noted within 0.5 mile of the study corridor. An additional 13 planned or potential trails were noted. For this discussion, only open or under development trails are used; however, any planned projects would be designed to accommodate planned or potential trails to the maximum extent possible. Of the 12 trails noted within 0.5 mile of the study corridor, four are located on or immediately adjacent to the study corridor. These are noted below:

- The 4th Street Trail is located one block east of the study corridor and is a concrete walking trail/sidewalk that connects the Sycamore Bike Trail south along the west side of 4th Street to Hulman Street.
- The Sycamore Bike Trail, an asphalt multimodal trail, passes under the study corridor at Tippecanoe Street.
- Maple Avenue Nature Park Trail is located in Maple Avenue Nature Park, which is located in the northeast corner of U.S. 41 and Maple Avenue.
- National Road Trail to Collett Park is located about three blocks east of the study corridor and is a concrete/asphalt trail/sidewalk that connects the Sycamore Bike Trail north along 5th and 6th streets to Collett Park along Maple Avenue.

Additionally, INDOT is advancing a Complete Streets Initiative, a policy that requires transportation projects to address the needs of all users – including motorists, pedestrians, bicyclists, transit rider, older adults, and individuals with disabilities. The initiative promotes context-sensitive solutions that enhance safety, accessibility, and mobility while supporting community character and economic viability. Its goal is to integrate multimodal access into project development, thereby improving public health and safety and minimizing the need for costly future retrofits. This initiative will be incorporated into this study.

4.5.5.3 Recreational Facilities

Of the 25 recreational facilities noted within 0.5 mile of the study corridor, seven are located on or immediately adjacent to the study corridor. These are noted below.

- Dixie Bee Elementary School is part of the Vigo County School Corporation and is located just west of the study corridor on the south side of Jessica Drive. The school grounds include a playground and recreational field situated to the west of the building. While these facilities are fenced and gated, limiting access during school hours, they are available for public use outside of school hours.
- Babe Ruth Field is a privately owned baseball or little league facility with two baseball diamonds located 0.48 mile west of U.S. 41 near the intersection of U.S. 41 and Fairgrounds Drive. This facility is privately owned and gated with no public access.
- Wabash Valley (Vigo County) Fairgrounds is located on the west side of the study corridor, south of Johnson Drive. This facility includes the county fairgrounds, and the Terre Haute Action Track, a half-mile dirt racetrack. The fairgrounds hold a variety of events throughout the year.
- Putt-Putt Golf Courses is mapped at 4th Street and David Drive; however, no facility was observed at this location.
- Indiana State University Athletic fields are mapped at Wolf Field, a green space with half basketball courts, a volleyball court, playing field, and shelter located just east of the study

corridor south of Chestnut Street. In addition, two unmapped resources were noted. These include Price Field and Sycamore Stadium, which are the homes of the Indiana State softball and baseball teams and also play host to a range of other events. Price Field is a softball complex located on the east side of the study corridor south to Tippecanoe Street. Bob Warn Field at Sycamore Stadium is the Indiana State baseball stadium and is located west of the study corridor between Locust Street and 2nd Avenue.

- Terre Haute Elks Country Club B.P.O. #86/Elks Fort Harrison Country Club is an 18-hole public golf course located on the west side of the study corridor north of Fort Harrison.

Further consideration for managed lands, trails, and recreational resources will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

5 Natural Resources

Data and information on natural resources - including surface waters (above-ground bodies of water including streams, rivers, lakes, wetlands, reservoirs, and creeks), floodplains, soil types, habitat types, and threatened and endangered species - provides context of the natural environment within the study area. Information on these resources was compiled from aerial photos, state and federal environmental and geospatial databases (including from the Indiana Department of Natural Resources [IDNR], United States Fish and Wildlife Service [USFWS], United States Federal Emergency Management Agency [FEMA], the United States Department of Agriculture [USDA] Natural Resources Conservation Service [NRCS], and the USGS), as well as field reconnaissance. Specific data sources are provided within each section, as needed. Most natural resources are regulated by federal and/or state agencies and, as such, potentially require official resource agency coordination, approvals, and/or permits depending on project-specific activities; such coordination will occur as part of the subsequent NEPA review for any reasonable alternatives for programmed projects advanced from the ProPEL US 41 study. The mapped resources within the study area are mapped in **Attachment D, pages 7-12** and detailed in **Table 3: Water Resources** . Adjacent water resources were generally determined utilizing a 100-foot buffer of the study area.

Table 3: Water Resources

Water Resources	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Wetlands	140	58
INDOT Mitigation Sites	2	1
Streams and Rivers	111	39
IDEM 303(d) Impaired Streams	16	8
Special Status Stream/River	1	1[1]
Historic Canal Route	1	1
Historic Canal Structures	3	1
Floodplains	45	26

[1] Wabash River is located 0.23 mile west of the project study limit

Water Resources	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Lakes	97	39
Source Water Assessment Area	0	0
Wellhead Protection Area	2	4[2]

Source: State of Indiana, IGIO, USFWS, USGS, and National Park Service (NPS)

5.1 Wetlands

A total of 140 wetlands, as identified in the National Wetlands Inventory (NWI), are located within the 0.5-mile study area. Of these, approximately 58 mapped wetlands are situated within or directly adjacent to the study corridor. A more detailed wetland delineation will be conducted during any subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study. This delineation will map and evaluate NWI-identified wetlands as well as any additional features not shown on the NWI maps and will determine whether these resources fall under the jurisdiction of the U.S. Army Corps of Engineers (USACE) or the Indiana Department of Environmental Management (IDEM).

5.1.1 *Mitigation Sites*

Two mitigation sites are located within or adjacent to the study area. The INDOT S.R. 641 Connector Road Mitigation Site is located within the study corridor at the U.S. 41/S.R. 641 interchange. The site should be considered during planning, with impacts avoided or minimized to the extent practicable.

5.2 Soils

Due to the urban nature of the study area, much of the area is made up of non-hydric and predominantly non-hydric soils. There are interspersed areas of predominantly hydric and hydric soils within the study area. They are primarily concentrated in the southern portion of the study area, near the U.S. 41/S.R. 641 interchange to the southern termini of the study area. See **Attachment F, pages 1-7** for the soils maps.

- From Crossing Boulevard to the southern termini of the study area, the soils range from non-hydric to predominantly hydric (more conducive to the formation of wetlands). Most of this portion of the study area is predominantly non-hydric. Pockets of predominantly

[2] Within 1,900 feet of Trails Edge Wellhead Protection Area

hydric soils are mapped at the U.S. 41/S.R. 641 interchange, north of Dallas Drive, and 0.10 mile north of Harlan Drive to 0.25 mile south of Dallas Drive.

- From Crossing Boulevard to the I-70 interchange, the soils are non-hydric, with areas of predominantly non-hydric soils and pockets of hydric soils. Hydric soils are mapped in the southwest quadrant of the U.S. 41/I-70 interchange, and most of U.S. 41 in this portion of the project area is within non-hydric soils.
- From the I-70 interchange to the northern termini of the study area, the soils are non-hydric. Hydric soils can be found mapped within the study limits at the U.S. 41/S.R. 63 interchange.

Throughout the study area, approximately 906 acres are classified as predominantly hydric or hydric soils and approximately 8,596 acres are predominantly non-hydric or non-hydric. See **Attachment F, pages 1-7** for the soils maps.

5.3 Streams/Rivers

Within the study area, a total of 111 National Hydrography Dataset (NHD) river and stream segments are mapped, 39 of which are located within or directly adjacent to the study corridor. See **Attachment D, pages 6-12** for the Water and Mineral Resources Maps. Each mapped stream, listed below, is comprised of multiple segments:

- Lost Creek
- Honey Creek
- Thompson Ditch
- Multiple unnamed tributaries (UNTs)

A more detailed delineation will be conducted during any subsequent NEPA review for any reasonable alternatives carried forward from the ProPEL US 41 study. This analysis will also determine whether these water features fall under the jurisdiction of the USACE.

5.3.1 IDEM 303(d) Listed Streams and Lakes

A total of 16 IDEM 303(d) Listed Streams and Lakes on Indiana's 2024 Section 303(d) Impaired Waters List are mapped within the 0.5-mile study area, eight of which are located within or directly adjacent to the study corridor. All eight impaired waterbodies are associated with Honey Creek and its UNTs. Identified impairments include elevated *Escherichia coli* (*E. coli*) levels and the presence of polychlorinated biphenyls (PCBs) in fish tissue. A more detailed investigation will occur, as appropriate, as part of any subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study. This future work will determine if the stream impairments require commitments.

5.3.2 Special Status Streams and Rivers

The National Park Service's (NPS's) National Rivers Inventory (NRI) is a listing of more than 3,200 free-flowing river segments in the U.S. that are believed to possess one or more "outstanding remarkable" values. The Wabash River is the only resource listed in the NPS NRI within the 0.5-mile study area and is located 0.23 mile west of the study corridor at the I-70 interchange. Additionally, the Wabash River is classified as a navigable water throughout Vigo County. Navigable waters of the U.S. are those waters that are presently used, or have been used in the past, or may be susceptible for use to transport interstate or international commerce and are under the jurisdiction of the USACE and/or U.S. Coast Guard. The Natural Resource Commission (NRC) listing of Outstanding Rivers also lists the Wabash River throughout Vigo County. No other outstanding or exception use waters were identified within the study area.

5.4 Floodplains

A total of 45 floodplains, as noted by the IDNR Floodplain Analysis and Regulatory Assessment (FARA), are mapped within the 0.5-mile study area, 26 of which are located within or directly adjacent to the study corridor. A more detailed investigation will occur, as appropriate, as part of any subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study. This future work will determine floodplain impacts and the need for any Indiana Department of Natural Resources (IDNR) Construction in a Floodway (CIF) permit.

5.4.1 Flood Hazard Mitigation Grant Program Lands

FEMA's Flood Mitigation Assistance (FMA) is a competitive grant program that provides money that can be used for projects that reduce or eliminate the risk of repetitive flood damage. States, local communities, and federally recognized tribes and territories can apply for FMA funding; however, parcels purchased through the FMA grant program are preserved as open space in perpetuity to restore and conserve natural floodplain functions. Therefore, development of these lands for transportation purposes is prohibited.

According to the Indiana Department of Homeland Security's State Hazard Mitigation Officer, there are over 30 parcels within the ProPEL US 41 study area that have received such funds and are now publicly owned. The projects receiving funding include parcels on the west side of the Wabash River within the community of Dresser.

5.5 Open Water

A total of 97 open water bodies as identified by the NHD discrete waterbodies layers are mapped within the 0.5-mile study area, 39 of which are located within or directly adjacent to the study corridor. A more detailed delineation will be conducted during any subsequent NEPA review for

any reasonable alternatives carried forward from the ProPEL US 41 study. This analysis will also determine whether these water features fall under the jurisdiction of the USACE.

5.6 Wildlife Habitat

Within the study area, there is a variety of both dense wildlife habitat and urban habitat. Wildlife habitat within the study area is predominantly maintained grass, forested areas, and herbaceous and forested riparian corridors. The most significant habitat areas occur within the forested and herbaceous riparian corridors associated with the Wabash River, Lost Creek, Thompson Ditch, Honey Creek, and several UNTs, as well as adjacent wetlands. Together, these features provide a mix of terrestrial and aquatic habitat that supports a wide range of species. A large, forested tract located at the northern end of the study area further contributes to available wildlife habitat. In addition to these denser natural areas, wildlife use habitat within the urban environment, including in smaller parks, wooded patches, and residential neighborhoods.

5.7 Protected Species

The Vigo County listing of the Indiana Natural Heritage Data Center information on endangered, threatened, or rare (ETR) species and high-quality natural communities is provided at https://www.in.gov/dnr/nature-preserves/files/np_vigo.pdf (**Attachment G, pages 16-18)**. The IDNR database documents 16 federally listed threatened or endangered species that may occur in Vigo County, including one insect species, 12 mollusk species, one amphibian, and two mammal species. Additionally, the database reports 47 state-listed species (state-threatened or state endangered) that may occur in Vigo County, including seven mollusk, one insect, one arachnid, two fish, three amphibians, two reptiles, 11 birds, five mammals, 15 plants, one fish species, one insect species, two mammal species, one reptile species, and four vascular plant species. There are 29 additional species that are categorized as state-extirpated and state species of special concern.

A review of the Indiana Natural Heritage Database for the project corridor indicated the presence of three federally endangered species: the rusty-patched bumble bee (*Bombus affinis*), Indiana bat (*Myotis sodalis*), and scaleshell (*Lepodea leptodon*) (**Attachment G, pages 12-13**).

A review of the USFWS database did indicate that endangered bat species are within 0.5 mile of the study corridor; however, because the site is more than 0.25 mile from the recorded capture location, the study corridor is not within documented habitat (**Attachment G, page 14**). The study is located in both urban and suburban areas along U.S. 41 just east of the Wabash River.

The study area is within range of the federally endangered gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), and northern long-eared bat (*Myotis septentrionalis*), as well as the proposed endangered tricolored bat (*Perimyotis subflavus*). The official species list generated

from IPaC indicated one "experimental population" for the whooping crane (*Grus americana*) (**Attachment G, pages 1-10**). One candidate species, the monarch butterfly (*Danaus plexippus*), was also identified. Any reasonable alternatives advanced from the ProPEL US 41 study into a subsequent NEPA review will require further analysis to determine the level of coordination or consultation required with the USFWS.

During the field review for this study, bats were noted utilizing the S.R. 641 bridge over U.S. 41 (NBI 076850 & 076852). Bats were noted roosting under the cap stone of the MSE wall between the two bridge structures. For reference, see **Figure 3: Bat Urine Staining on S.R. 641 Bridge over U.S. 41** and **Figure 4: Bat Guano along the Ground at S.R. 641 over U.S. 41.** No genetic testing of the guano was conducted, and identification of the species of bat utilizing this bridge was not completed. Prior to bridge work occurring on this corridor, bridges should be inspected for use by birds or bats, and species identification should be completed if bats are present.

Figure 3: Bat Urine Staining on S.R. 641 Bridge over U.S. 41



Figure 4: Bat Guano along the Ground at S.R. 641 over U.S. 41



5.8 Source Water Assessment and Wellhead Protection Areas

On July 25, 2025, the IDEM Groundwater Section provided information on the Source Water Assessment (SWA) areas and Wellhead Protection (WHP) areas within or adjacent to the study area. The study area is located within the Indiana American Water - Terre Haute's WHP Area and within 1,900 feet of Trails Edge Apartments WHP Area. The response also included appropriate contacts for each water utility.

Any reasonable alternatives for programmed projects advanced from the ProPEL US 41 study into a subsequent NEPA review will require further analysis to determine the level of coordination or consultation required with these entities.

6 Cultural Resources

Preliminary analysis has been completed to identify potential above-ground and archaeological cultural resources within the study area. However, formal determinations of National Register of Historic Places (NRHP) eligibility will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

6.1 Above-Ground Cultural Resources

An *Above-Ground Cultural Resources Identification Memorandum* (**Attachment H**) was completed to identify above-ground cultural resources within the ProPEL US 41 0.5-mile study area. This memorandum summarized previously identified above-ground cultural resources that are listed in the NRHP or may be potentially eligible for listing in the NRHP.

The Indiana Historic Sites and Structures Inventory (IHSSI) assesses the significance of each property in terms of its historical significance, architectural merit, and integrity before being given one of four ratings – Outstanding, Notable, Contributing, or Non-contributing. A rating of "Outstanding" means that the property has enough historic or architectural significance that it is already listed or should be considered for listing in the NRHP. A rating of "Notable" means that the property is above average in its architectural or historical importance and that further research or investigation may reveal that the property could be eligible for listing in the NRHP. Properties identified as "Outstanding" and "Notable" per the IHSSI were treated as potentially eligible for the purposes of the ProPEL US 41 study.

The IHSSI identified 132 "Outstanding" and 194 "Notable" resources in the ProPEL US 41 study area. Additionally, a total of 33 above-ground properties, including 27 individual properties and six historic districts, are listed in the NRHP within the ProPEL US 41 study area. Several of these resources are directly adjacent to U.S. 41, including the following individual properties and districts:

- 167-628-41001, 50 Allendale, a Colonial Revival framed house (Notable)
- NR-0132, 167-628-28000, Farrington's Grove Historic District, roughly bounded by Poplar Street, South 7th Street, Hulman Avenue and South 4th Street (NRHP)
- 167-628-20420, 1521 S. 3rd Street, Carpenter-Builder house (demolished)
- NR-0069, 167-628-20422, Allen Chapel AME Church, 224 Crawford Street (NRHP & Outstanding)
- NR-2057, 167-628-21037, State Bank of Indiana, Branch of Memorial Hall, 219 Ohio Street (NRHP & Outstanding)
- NR-0577, 167-628-21195, Vigo County Courthouse, Wabash Avenue and 3rd Street (NRHP & Outstanding)

- 167-628-21 Soldiers and Sailors Monument at Vigo County Courthouse, Wabash Avenue and 3rd Street (Outstanding)
- 167-454-20007, 3334 North 7th Street, a bungalow (Notable)
- 167-454-20005. Elks Club Ferry Gazebo (Notable)
- 167-454-20006, Fort Harrison Site Memorial and Cemetery (Outstanding)

In addition to the resources identified in the *Above-Ground Cultural Resources Identification Memorandum*, available information was obtained on historic canal routes and Centennial Farms. Historic canal routes and associated structures layers identify the routes and locations of structures associated with three historic canals constructed and used between 1830 and 1870: the Wabash-Erie Canal, the White Water Canal, and the Central Canal. Centennial Farms identify farms that have been owned by the same family for 100 years or more. These resources are discussed below.

6.1.1 Historic Canal Routes

One historic canal route lies within the study area (**Attachment H, page 29**). The Wabash-Erie Canal intersects with U.S. 41 corridor north of Sycamore Street (**Figure 5: Location of Historic Wabash-Erie Canal**.) Further consideration of this resource will occur, as needed, during the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

Figure 5: Location of Historic Wabash-Erie Canal



6.1.2 Centennial Farms

Information from the Hoosier Homestead Award Program (HHAP) was reviewed to identify potential Centennial Farms within the study area. Centennial farms are listed by county, without specific location information. A total of 38 farmsteads were listed in Vigo County. HHAP's list of potential Centennial Farms can be found at **Attachment H, page 48**. Further consideration of these farmsteads will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

6.2 Archaeological Cultural Resources

An *Archaeological Cultural Resources Identification Memorandum* was completed for the study. This memorandum summarized previously identified archaeological cultural resources noted in the State Historic Architectural and Archaeological Research Database (SHAARD). Numerous sites were identified throughout the study area; however, in accordance with 54 USC 307103 and Indiana Code 14-21-1, which provides protection for archaeological sites and burial sites, information related to such resources is not publicly shared herein. These sites were tested or surveyed by previous parties and deemed to exhibit characteristics or have associations with certain eras that indicate they may have significance. Currently, no archeological sites within the study area have been listed in the NRHP. A total of three archaeological sites were identified as either "Eligible" or "Potentially Eligible" in the ProPEL US 41 study area; however, none are located within or adjacent to the study corridor.

Potential industrial archaeological sites recorded by Indiana State University geographer John McGregor falling within the study area are also noted. Only two of the 501 sites have been evaluated for inclusion in the NRHP. Formal determinations of NRHP eligibility will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

7 Section 4(f) & 6(f) Resources

7.1 Section 4(f) Resources

Section 4(f) of the U.S. Department of Transportation Act of 1966 prohibits the use of certain public and historic lands for federally funded transportation facilities unless there is no feasible and prudent alternative. The law applies to significant public-owned parks, recreation areas, wildlife/waterfowl refuges, and NRHP eligible or listed historic properties regardless of ownership. Lands subject to this law are considered Section 4(f) resources. In addition to the cultural resources noted above, there are 27 recreational facilities, 10 managed lands, and 12 open or under development trails that are potential Section 4(f) properties identified within the study area (**Attachment D, pages 1-6**).

Of these resources, three managed lands, two trails, and two recreational facilities are located within or immediately adjacent to the U.S. 41 study corridor and are potential Section 4(f) resources. These were discussed previously and are noted below:

- Wabashiki Fish and Wildlife Area
- Maple Avenue Nature Park
- HRI Wabash River
- The Sycamore Bike Trail
- Maple Avenue Nature Park Trail
- Indiana State University Athletic fields at Wolf Field
- Terre Haute Elks Country Club B.P.O. #86/Elks Fort Harrison Country Club.

Figure 6: Maple Avenue Nature Park and Trail along east side of U.S. 41



7.2 Section 6(f) Resources

The US Land and Water Conservation Fund Act of 1965 established the Land and Water Conservation Fund (LWCF), which was created to preserve, develop, and assure accessibility to outdoor recreation resources. Section 6(f) of this act prohibits conversion of lands purchased with LWCF monies to a non-recreational use. A review of the Section 6(f) properties on the INDOT Environmental Services Division (ESD) website revealed a total of 11 properties in Vigo County (**Attachment E, pages 1-2**). None of these properties are located within or adjacent to the study area.

8 Mineral Resources/Petroleum Wells

Vigo County has historically been known for oils and gas production with multiple wells and mines located throughout the county. Fifty-three oil and gas wells, zero industrial mineral locations, six surface and underground mines, and zero natural gas facilities are within the study area (**Attachment D, pages 7-12**). Of these, 14 oil and gas wells and three underground mines are immediately adjacent to or within the study corridor. For reference, see **Table 4: Mineral Resource and Petroleum Wells**. Further investigation of impacts and coordination with the IDNR Division of Oil and Gas will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study.

Table 4: Mineral Resource and Petroleum Wells

Mineral Resources	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Wells (Oil & Gas)	53	14
Industrial Minerals	0	0
Mines (Surface & Underground)	6	3
Natural Gas Storage Facilities	0	0

9 Air Quality

The study area is located within Vigo County, which is currently a maintenance area for 8-hour Ozone (1997) according to the IDEM Current Status and Nonattainment History, by County (https://www.in.gov/idem/sips/nonattainment-status-of-counties).

Further consideration of air quality will occur, as needed, as part of the subsequent NEPA review for any reasonable alternatives advanced from the ProPEL US 41 study. This future work will determine the applicability of a potential exemption from air quality analysis in accordance with 40 CFR Part 93.126.

10 Noise

Preliminary analysis has been completed to identify potential noise-sensitive areas along the study area. This information is summarized in the Noise-Sensitive Areas Identification Memorandum (**Attachment J, pages 9-12 and 16-30**). Twenty-four Common Noise Environments (CNE) were identified, with a need for further investigation within 15 of the CNEs. Four CNEs (CNEs 10, 12, 17, and 21) contain two of these areas for further investigation, and two CNEs (CNEs 3 and 4) contain three of these areas for further investigation. CNEs are areas where sufficient density exists such that noise abatement could potentially be determined feasible and reasonable in future studies.

Formal noise analysis, in accordance with 23 CFR 772, will not be completed during the ProPEL US 41 study but will occur, if required, as part of the subsequent NEPA review for any reasonable alternatives for programmed projects advanced from the ProPEL US 41 study.

11 Hazardous Materials and Regulated Substances

The federal government regulates hazardous materials under multiple statutes, including the Resource Conservation and Recovery Act of 1976 (RCRA) and the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) and their respective amendments. The U.S. Environmental Protection Agency (EPA) maintains an online database of regulated sites and facilities; resource information was additionally derived from the IDEM Virtual File Cabinet (VFC). Hazardous materials include substances or materials determined by the EPA to be capable of posing an unreasonable risk to health, safety, or property, such as asbestos, lead-based paint, heavy metals, dry-cleaning solvents, and common fuels. Typically, sites with potential for hazardous materials exist at or near facilities that generate, store, or dispose of these substances, or at locations of past releases or leaks of these substances, such as gas stations or industrial sites.

A review of GIS and available public records indicated that there are 316 sites within the study area with a potential for hazardous material or regulated substances (**Attachment D, pages 13-18**). The identified sites are interspersed throughout the study area, with a higher density of sites along the study area from Honey Creek to Buckeye Street. **Table 5: Hazardous Materials and Regulated Substances** presents resource types and the number of facilities with potential to impact the study area.

Table 5: Hazardous Materials and Regulated Substances

Hazardous Material Resources	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
RCRA Generator/TSD	5	2
State Cleanup Sites	12	4
Superfund	0	0
USTs	84	33
LUSTs	53	29
Voluntary Remediation Program	2	0
Manufactured Gas Plant	1	0
Waste Transfer Station	0	0

Hazardous Material Resources	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Infectious/Medical Waste Site	0	0
Tire Waste Site	0	0
Institutional Controls	47	7
NPDES Facilities	66	24
NPDES Pipe Locations	9	0
Landfill Boundaries	12	0
Solid Waste Landfill	1	0
Brownfields	24	9

Source: US Department of Homeland Security HIFLD GeoPlatform

A total of 108 hazardous material resources, which include RCRA generator/TSD, state cleanup sites, underground storage tanks (USTs), leaking underground storage tanks (LUSTs), institutional controls, National Pollutant Discharge Elimination Services (NPDES) facilities, NPDES pipe locations, and brownfields are mapped within or adjacent to the study corridor. Further investigation into IDEM's VFC to determine potential impacts would occur as part of the subsequent NEPA review for any reasonable alternatives for programmed projects advanced from the ProPEL US 41 study.

12 Community Impact Assessment

A preliminary community impact assessment has been conducted to identify populations and community metrics throughout the study area to help ensure the needs of the community are considered during this study. This data will also be utilized by the study team to adapt its outreach methods and ensure meaningful engagement occurs during the ProPEL US 41 study. The project team will seek engagement opportunities with neighborhoods or other groups that are likely to be affected by transportation projects.

The U.S. Department of Transportation's *Community Impact Assessment: A Quick Reference for Transportation* (2018 Update) indicates that within the PEL process, a community impact assessment provides critical information about community values for the development of the purpose and need and alternatives and provides context sensitive evaluation criteria for selection of preferred alternatives. The *Community Impact Assessment: A Quick Reference for Transportation* (2018 Update) defines a community by three things.

- Behavior patterns that are expressed through daily social interactions, the use of local facilities, participation in local organizations, and involvement in activities that satisfy the population's economic and social needs.
- Shared perceptions or attitudes, typically expressed through individuals' identification with, commitment to, and attitude toward a particular identifiable area.
- Common characteristic or interest, such as religion, culture, ethnicity, income strata, or shared use of a transportation facility such as commuters using a particular route, bus or park-and-ride facility, which provides a psychological unity among members.[3]

For the ProPEL US 41 study, the following demographic information was identified using U.S. Census data that could identify a community that would require specific outreach or consideration. This data includes population trends, race, percent Hispanic or Latino, income, English proficiency, vehicle access, internet availability, populations with disabilities, populations under the age of 17, populations over the age the age of 65, employment, and family households.

The demographic profile will support development of public outreach strategies and indicate the presence of communities to assess for potential impacts from the transportation project.

[3] Community Impact Assessment: A Quick Reference for Transportation 2018 Update. US Department of Transportation, Federal Highway Administration.

12.1 Population Trends

Demographic data was analyzed to provide an overall picture of the populations within the region. Information was obtained from the U.S. Census Bureau's (USCB's) American Community Survey (ACS) 2010 and 2020 5-year estimates, along with the 2000 Decennial Census to identify recent and future population trends. While Indiana's total population has grown and is expected to continue increasing, Vigo County's population has remained relatively stable (**Table 6: Study Area and Surrounding Counties Population Trends, 2000-2020**). In contrast, populations in the surrounding counties have declined since 2000 (**Table 7: Study Area and Surrounding Counties Population Projections, 2020-2050**) and are projected, along with Vigo County, to experience significant declines between 2020 and 2050.

The population of Terre Haute and Vigo County are decreasing due to slowing of the natural population increase experienced when there are more births than deaths and due to population migrating away from the greater Terre Haute area. [4]

Table 6: Study Area and Surrounding Counties Population Trends, 2000-2020

Location	2000[5]	2010[6]	2020[7]	Change (2000 to 2020)
Indiana	6,080,485	6,417,398	6,696,893	10.14%
Vigo County	105,848	107,151	107,305	1.38%
Clay County	26,556	26,983	26,231	-1.22%
Parke County	17,241	17,394	16,912	-1.91%
Sullivan County	21,751	21,520	20,647	-5.08%
Vermillion County	17,263	16,412	15,485	-10.30%

[4] *COMMENTARY: Census shows a sparser Terre Haute; trend must be reversed; population under 59,000 for just the second time in 110 years*, Indiana Economic Digest, Mark Bennett Tribune Star, August 21, 2021.
[5] 2000 Decennial Census, Table DP1
[6] ACS 2010 5-Year Estimates, Table S0101
[7] ACS 2020 5-Year Estimates, Table S0101

Table 7: Study Area and Surrounding Counties Population Projections, 2020-2050

Location	2020[3]	2030[8]	2040[4]	2050[4]	Change (2020 to 2050)
Indiana	6,696,893	7,013,509	7,121,345	7,272,579	8.60%
Vigo County	107,305	105,210	102,545	98,936	-7.80%
Clay County	26,231	26,257	25,071	23,538	-10.27%
Parke County	16,912	16,233	15,285	14,346	-15.17%
Sullivan County	20,647	20,421	19,226	17,591	-14.80%
Vermillion County	15,485	15,143	14,459	13,599	-12.18%

12.2 Race

The Civil Rights Act of 1964 outlawed discrimination based on race, color, religion, sex, or national origin and prohibited discrimination in public accommodations and federally funded programs.

For the purposes of this study, INDOT is defining race as follows based on the U.S. Census definitions:

- Black: a person having origins in any of the black racial groups of Africa
- Hispanic or Latino: a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race
- Asian American: a person having origins in any of the original peoples of the Far East, Southeast Asia, or the Indian subcontinent
- American Indian and Alaskan Native: a person having origins in any of the original peoples of North America, South America (including Central America), and who maintains cultural identification through tribal affiliation or community recognition
- Native Hawaiian and Other Pacific Islander: people having origins in any of the original peoples of Hawaii, Guam, Samoa, or other Pacific Islands.

For the purposes of this analysis, populations were identified by race within the study area based on percentage of the total population within the census tract.

[8] STATS Indiana Population Projections

Information was obtained from the Census Bureau's 2020-2024 American Community Survey (ACS) 5-year estimates, the most recent and extensive data set available at the time of the analysis.

Based on the preliminary analysis, the following potential populations are present within the study area. Of the 25 census tracts within the one-mile buffer, 10 census tracts (approximately 40%) exhibit race non-white populations at or above the State of Indiana percentage of populations of race non-white, which is 22.88%. Within those 10 census tracts, the percentage of the population of race non-white ranges from 22.95% to 39.74% of the population.

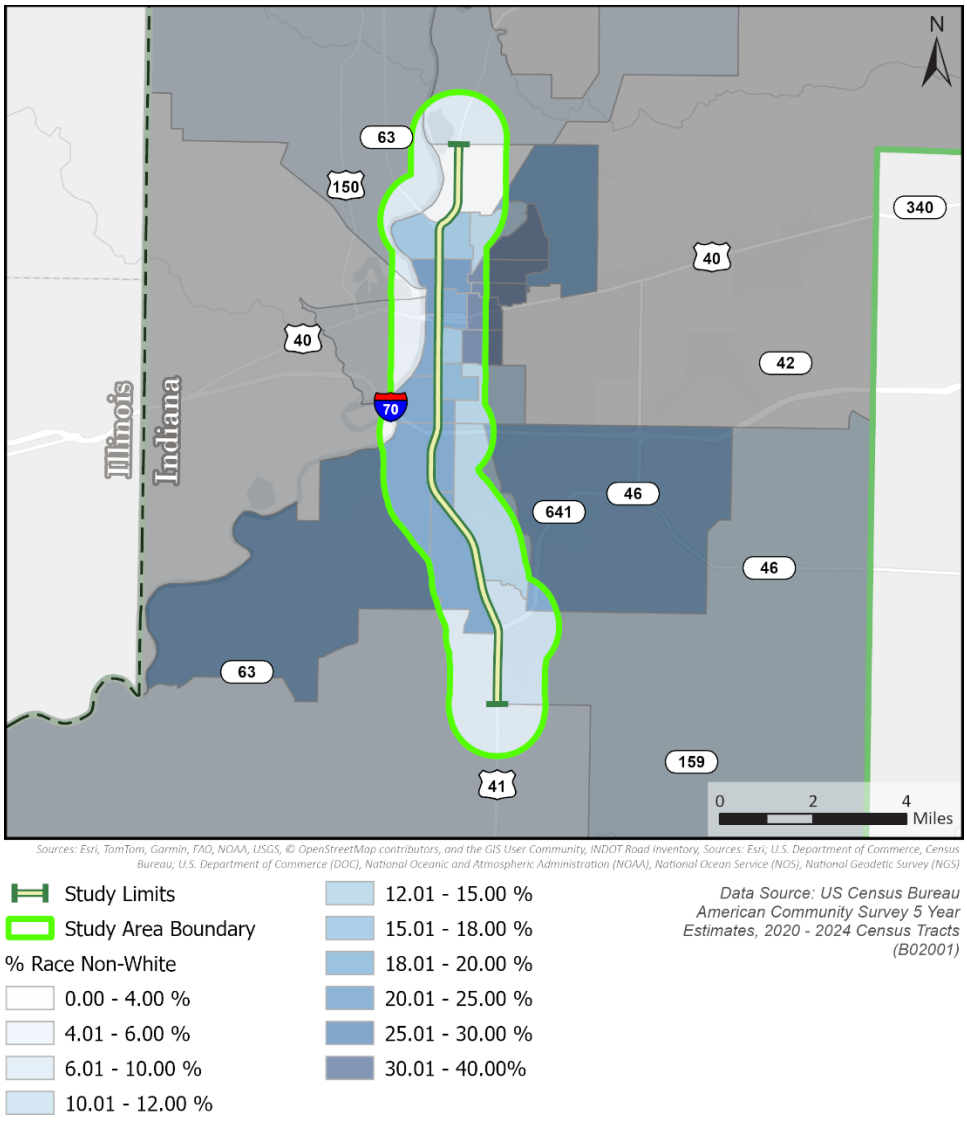
For a summary of the results, see **Table 8: Percentage of Populations that is Non-White by Census Tract** and **Figure 7: Non-White Populations Percentage by Census Tract**. For complete maps and data tables, see **Attachment B, pages 1-5**.

Table 8: Percentage of Populations that is Non-White by Census Tract

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Race Non-White
Indiana	22.88
Vigo Conty	15.25
Census Tract #; County; State	% Race Non-White Range (Min - 2.48 | Max - 39.74)
Census Tract 104; Vigo County; Indiana	2.48
Census Tract 10; Vigo County; Indiana	2.98
Census Tract 105; Vigo County; Indiana	4.16
Census Tract 110; Vigo County; Indiana	6.03
Census Tract 103; Vigo County; Indiana	8.44
Census Tract 102.02; Vigo County; Indiana	9.34
Census Tract 107.02; Vigo County; Indiana	10.42
Census Tract 107.03; Vigo County; Indiana	13.07
Census Tract 11; Vigo County; Indiana	13.95
Census Tract 17; Vigo County; Indiana	14.83
Census Tract 111.01; Vigo County; Indiana	15.02
Census Tract 9; Vigo County; Indiana	15.60
Census Tract 18; Vigo County; Indiana	18.21
Census Tract 107.04; Vigo County; Indiana	20.40
Census Tract 111.02; Vigo County; Indiana	20.54
Census Tract 13; Vigo County; Indiana	22.95
Census Tract 112.01; Vigo County; Indiana	23.24
Census Tract 19; Vigo County; Indiana	23.79
Census Tract 112.02; Vigo County; Indiana	24.59
Census Tract 3; Vigo County; Indiana	25.90
Census Tract 4; Vigo County; Indiana	30.02
Census Tract 12; Vigo County; Indiana	34.31

Census Tract 6; Vigo County; Indiana	36.55
Census Tract 5; Vigo County; Indiana	36.57
Census Tract 7; Vigo County; Indiana	39.74

Figure 7: Non-White Populations Percentage by Census Tract



12.3 Hispanic or Latino

Hispanic or Latino is a person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race. Information was obtained from the Census Bureau's 2020-2024 American Community Survey (ACS) 5-year estimates, which were the most recent and extensive data set available at the time of the analysis for Hispanic or Latino populations.

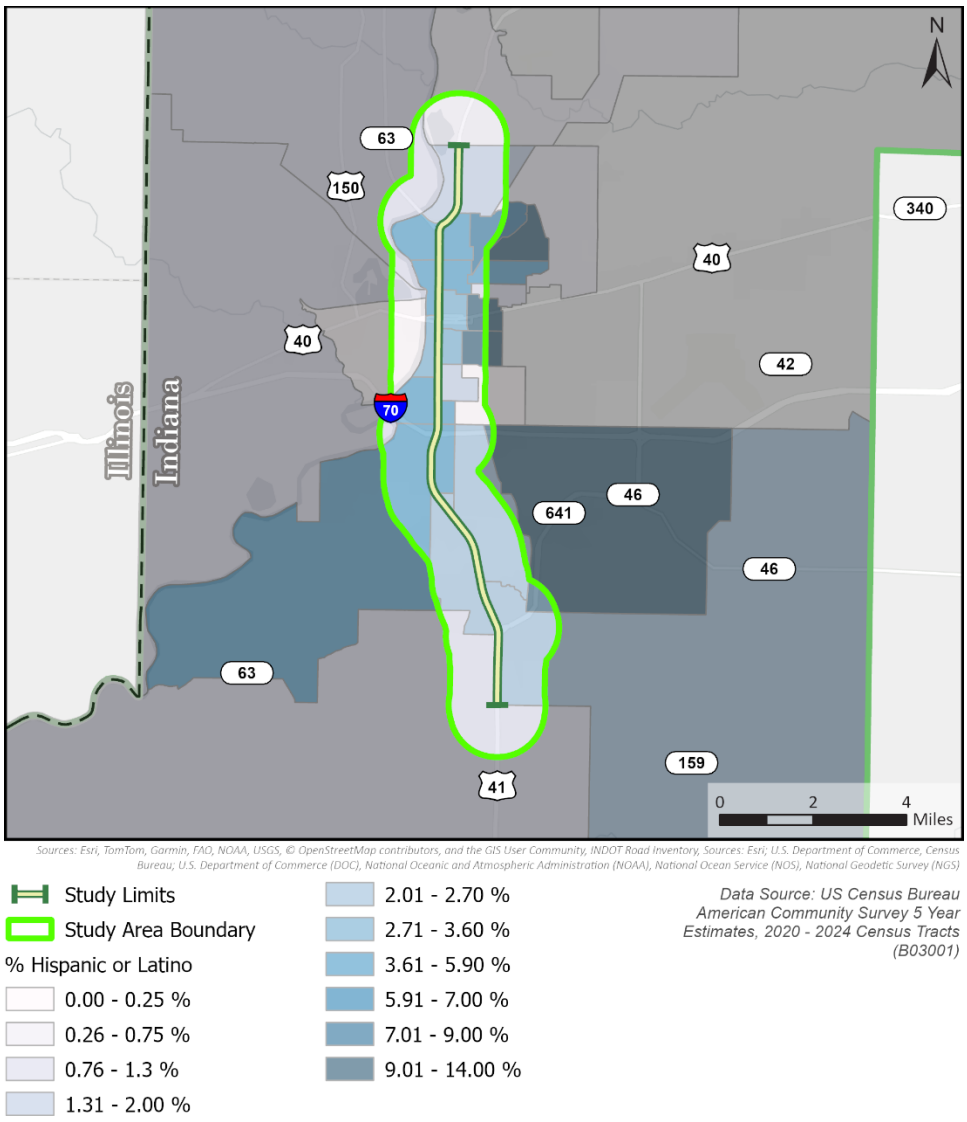
Based on the preliminary analysis, the following potential populations are present within the study area. Of the 25 census tracts within the one-mile buffer, four tracts (approximately 16%) exhibit Hispanic or Latino populations at or above the State of Indiana percentage of Hispanic or Latino populations, which is 8.62%. Within those four census tracts, the percentage of the population of race non-white ranges from 9.03% to 13.93% of the population.

For a summary of the results, see **Table 9: Percentage Hispanic or Latino** and **Figure 8: Hispanic or Latino Populations Percentage by Census Tract**. For complete maps and data tables, see **Attachment B, pages 6-10**.

Table 9: Percentage Hispanic or Latino

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Hispanic or Latino
Indiana	8.62%
Vigo County	3.21%
Census Tract #; County; State	**% Hispanic or Latino Range (Min - 0.00 | Max - 13.93)**
Census Tract 17; Vigo County; Indiana	0.00
Census Tract 105; Vigo County; Indiana	0.00
Census Tract 13; Vigo County; Indiana	0.29
Census Tract 102.02; Vigo County; Indiana	0.58
Census Tract 104; Vigo County; Indiana	0.76
Census Tract 103; Vigo County; Indiana	0.85
Census Tract 5; Vigo County; Indiana	1.12
Census Tract 110; Vigo County; Indiana	1.29
Census Tract 18; Vigo County; Indiana	1.54
Census Tract 10; Vigo County; Indiana	1.85
Census Tract 107.03; Vigo County; Indiana	2.24
Census Tract 112.02; Vigo County; Indiana	2.42
Census Tract 107.02; Vigo County; Indiana	2.68
Census Tract 111.02; Vigo County; Indiana	3.53
Census Tract 111.01; Vigo County; Indiana	3.55
Census Tract 4; Vigo County; Indiana	3.60
Census Tract 9; Vigo County; Indiana	4.82
Census Tract 3; Vigo County; Indiana	4.97
Census Tract 112.01; Vigo County; Indiana	5.22
Census Tract 19; Vigo County; Indiana	5.88
Census Tract 11; Vigo County; Indiana	7.03
Census Tract 107.04; Vigo County; Indiana	9.03
Census Tract 6; Vigo County; Indiana	9.16
Census Tract 7; Vigo County; Indiana	12.76
Census Tract 12; Vigo County; Indiana	13.93

Figure 8: Hispanic or Latino Populations Percentage by Census Tract



12.4 Income

For the purposes of this study, INDOT is defining persons in poverty as individuals whose household income is below the U.S. Department of Health and Human Services (DHHS) poverty guidelines.

For the purposes of this analysis, populations below the poverty level were identified within the study area based on percentage of the total population within the census tract. Information was obtained from the Census Bureau's 2020-2024 American Community Survey (ACS) 5-year estimates, the most recent and extensive data set available at the time of the analysis.

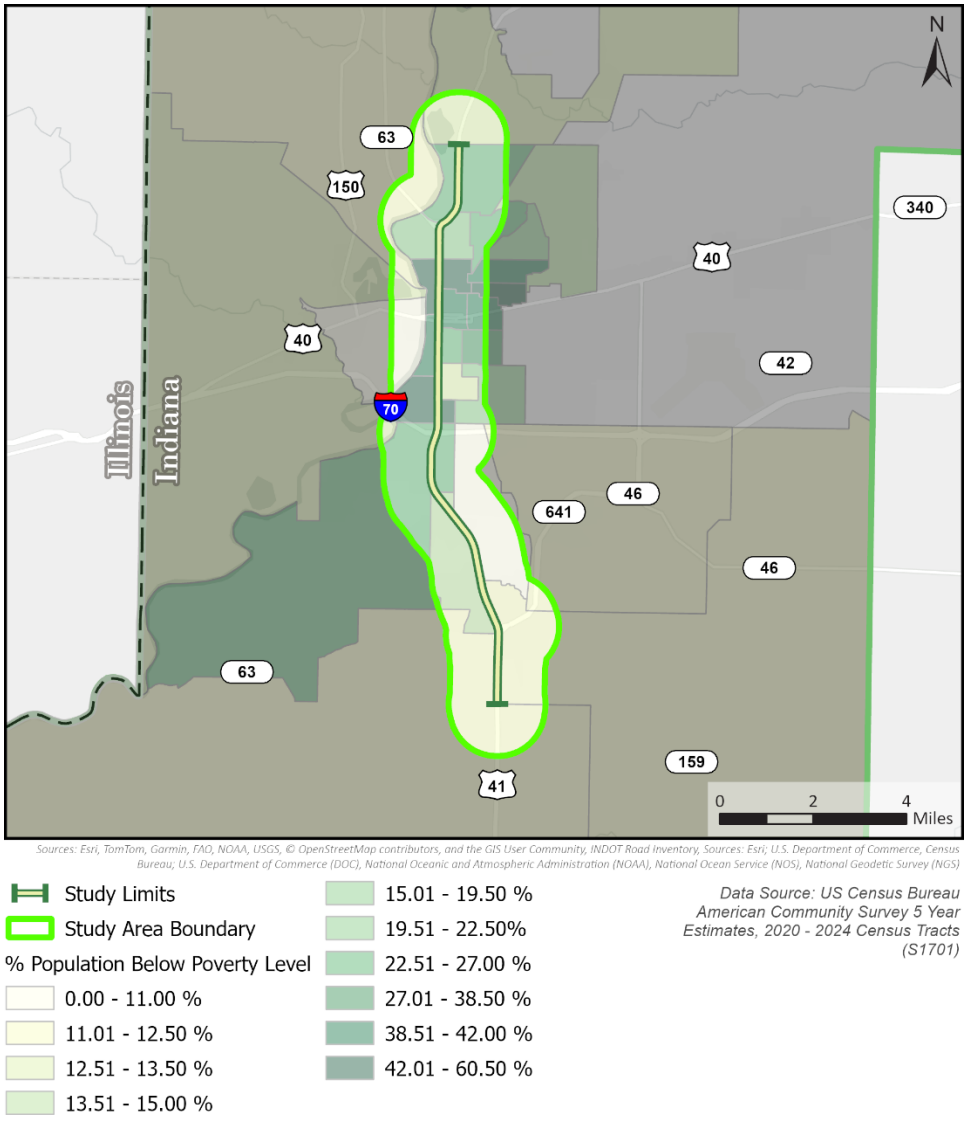
Based on the preliminary analysis, the following potential populations below the poverty level are present within the study area. Of the 25 census tracts within the one-mile buffer, 22 (approximately 88%) exhibit populations in poverty at or above the State of Indiana percentage, which is 12.30%. Within those 22 census tracts, poverty ranges from 12.3% to 60.5%.

For a summary of the results, see **Table 10: Total Census Tracts with Populations Below Poverty Level, Table 8: Percentage of Populations that is Non-White by** and **Figure 9:Percentage of Populations Below Poverty Level by Census Tract**. For complete maps and data tables, see **Attachment B, pages 11-15**.

Table 10: Total Census Tracts with Populations Below Poverty Level

US Census Bureau ACS 5 Year Estimates, 2020-2024 (S1701)	% Population Below Poverty Level
Indiana	12.30%
Vigo County	19.20%
Census Tract #; County; State	**% Population Below Poverty Level Range (Min - 2.48 | Max - 39.74)**
Census Tract 105; Vigo County; Indiana	10.1
Census Tract 107.03; Vigo County; Indiana	11.0
Census Tract 110; Vigo County; Indiana	11.8
Census Tract 107.04; Vigo County; Indiana	12.3
Census Tract 107.02; Vigo County; Indiana	12.4
Census Tract 103; Vigo County; Indiana	12.5
Census Tract 102.02; Vigo County; Indiana	12.6
Census Tract 18; Vigo County; Indiana	12.9
Census Tract 104; Vigo County; Indiana	13.3
Census Tract 112.02; Vigo County; Indiana	13.6
Census Tract 13; Vigo County; Indiana	15.0
Census Tract 17; Vigo County; Indiana	19.5
Census Tract 12; Vigo County; Indiana	21.1
Census Tract 9; Vigo County; Indiana	22.2
Census Tract 10; Vigo County; Indiana	22.7
Census Tract 112.01; Vigo County; Indiana	24.4
Census Tract 111.01; Vigo County; Indiana	26.5
Census Tract 11; Vigo County; Indiana	27
Census Tract 7; Vigo County; Indiana	37.6
Census Tract 6; Vigo County; Indiana	38.6
Census Tract 4; Vigo County; Indiana	40.2
Census Tract 111.02; Vigo County; Indiana	41.4
Census Tract 5; Vigo County; Indiana	42.2
Census Tract 19; Vigo County; Indiana	53.6
Census Tract 3; Vigo County; Indiana	60.5

Figure 9:Percentage of Populations Below Poverty Level by Census Tract



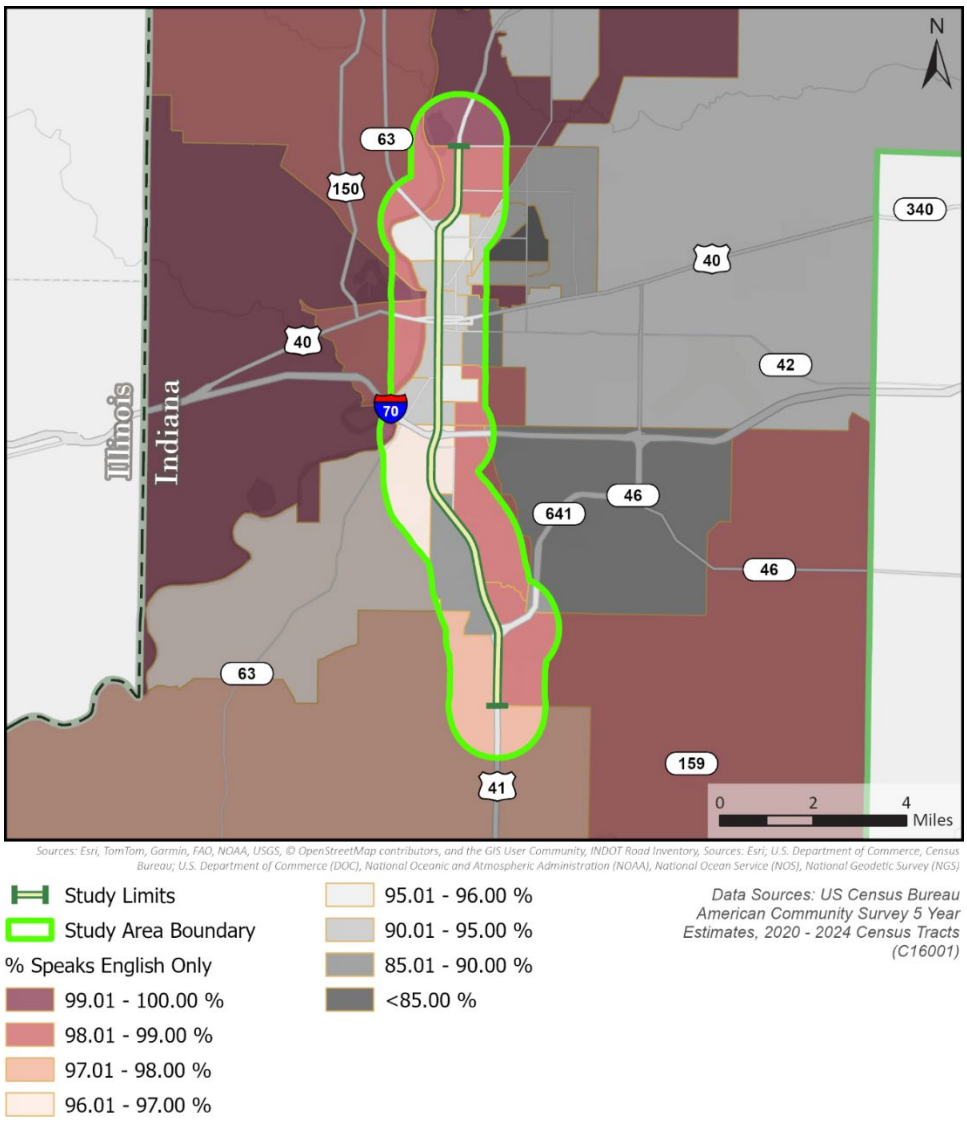
12.5 Limited English Proficiency (LEP)

"Limited English-Proficiency" (LEP) is defined by the USCB as a person 5 years old or older who speaks English less than "very well." Due to the available data in the 2020-2024 ACS 5-year estimates, specifics about which language(s) is/are dominant in a particular community are unknown beyond the categories of Spanish, Other Indo-European Language, Asian and Pacific Island Language, and other language.

Based on the preliminary analysis, the following LEP populations are present within the study area. Of the 25 census tracts within the one-mile buffer, 21 (approximately 84%) include populations at or above the State of Indiana percentage, which is 89.69%. Within those 21 census tracts, the percentage that speaks English only ranges from 89.88% to 99.78% (**Figure 10: Percent of Population that Speaks English Only** and **Attachment B, pages 16-20**).

Public involvement efforts will employ multilanguage material(s) to ensure LEP populations have meaningful access to participate in the study process.

Figure 10: Percent of Population that Speaks English Only

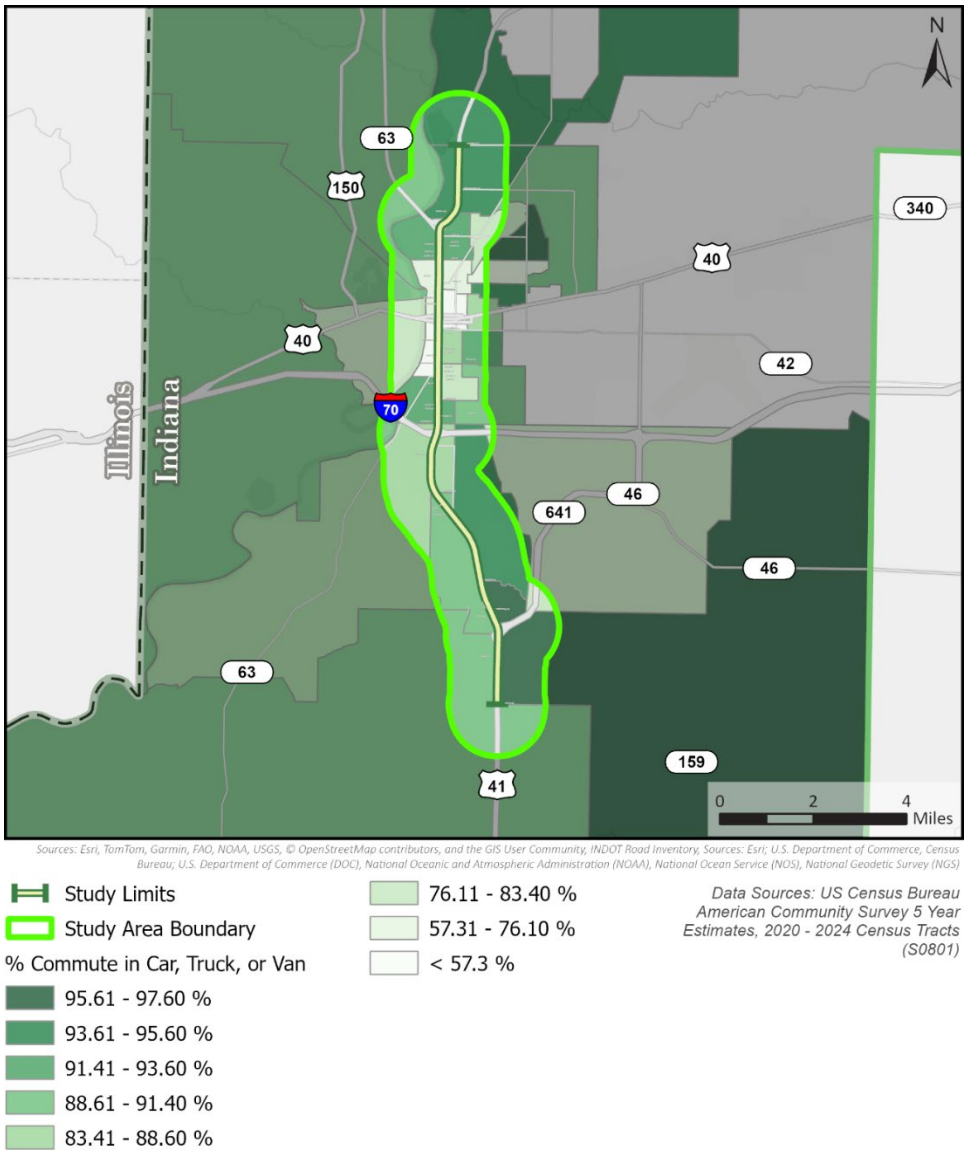


12.6 Limited Vehicle Access

"Tenure by Vehicles Available" is defined by the USCB as number of passenger cars, vans, and pickup or panel trucks of one ton (2,000 pounds) capacity or less kept at home and available for the use of household members. Vehicles rented or leased for one month or more, company vehicles, and police and government vehicles are included if kept at home and used for non-business purposes. Motorcycles and other recreational vehicles dismantled, immobile vehicles, and vehicles kept at home but used only for business purposes are excluded. Households within the study area were classified as "Limited Vehicle Access" if they indicated that the household had "no vehicle available." Public involvement efforts would need to consider the location of meetings to ensure they are accessible to any populations that do not have access to vehicles.

Populations with a car, truck, or van make up approximately 89.40% of the total Vigo County population. Of the 25 census tracts within the one-mile buffer, 16 (approximately 72%) include populations with a car, truck, or van at or above the State of Indiana percentage, which is 85.40%. Within those 16 census tracts, percentages with a car, truck, or van range from 88.6% to 97.6% (and **Attachment B, pages 21-25**). To ensure the ProPEL US 41 study reaches populations without a car, truck, or van the study will include virtual engagement opportunities and targeted in-person public involvement efforts along transit routes.

Figure 11: Percent of Populations that Commute in a Car, Truck, or Van



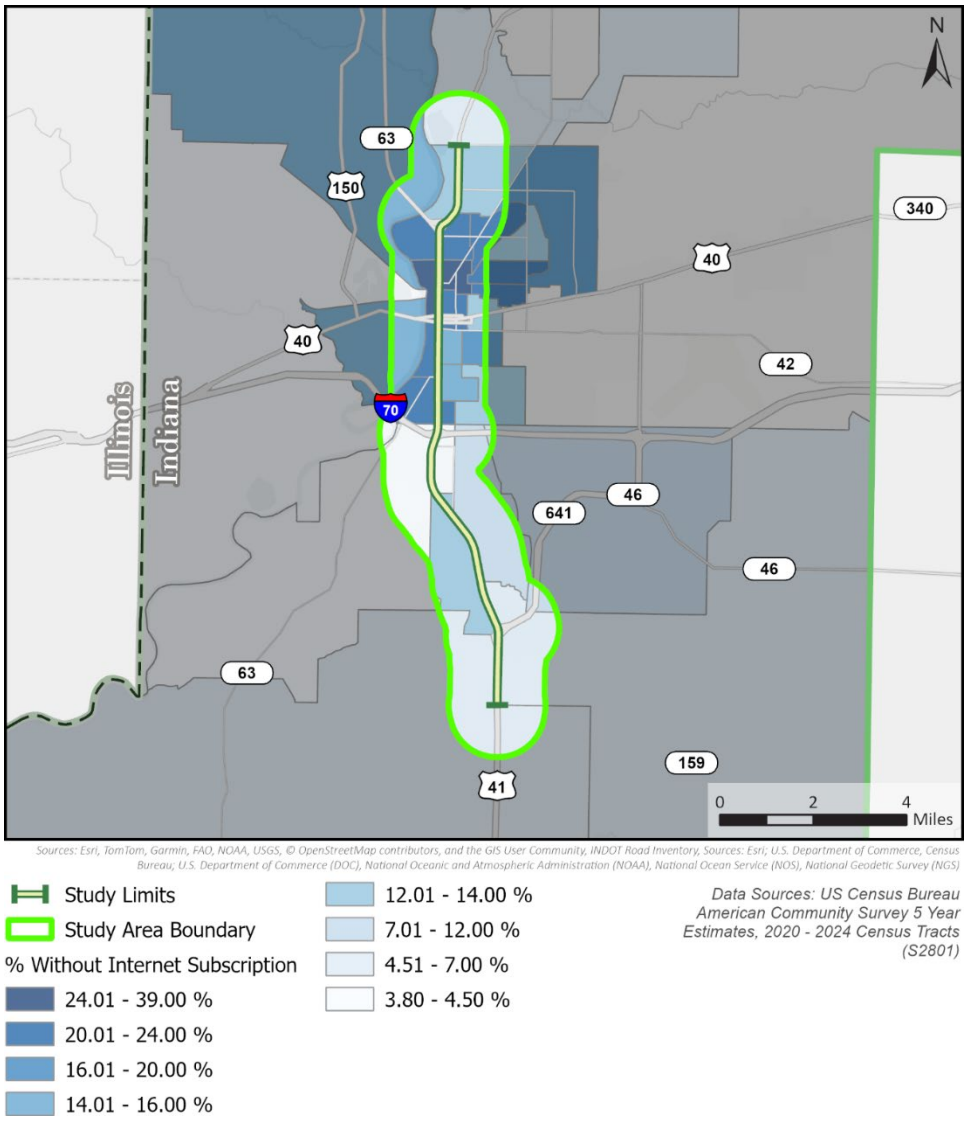
12.7 Limited Internet Access

According to the USCB, “Internet access refers to whether or not a household uses or connects to the Internet, regardless of whether or not they pay for the service to do so.” For this analysis, households that responded “No access to the Internet at the house, apartment, or mobile home" were classified as “Limited Internet Access.”

Populations without Internet Subscription make up approximately 13.70% of the total Vigo County population. Of the 25 census tracts within the one-mile buffer, 19 (approximately 76%) include populations without internet subscription at or above the State of Indiana percentage,

which is 10.00%. Within those 19 census tracts, the percentage without internet subscription ranges from 11.5% to 39.0% (**Figure 12: Percentage Without Internet Subscription** and **Attachment B, pages 26-30**). To ensure the ProPEL US 41 study reaches populations with "Limited Internet Access," the study will include targeted in-person public involvement efforts.

Figure 12: Percentage Without Internet Subscription



12.8 Persons with Disabilities

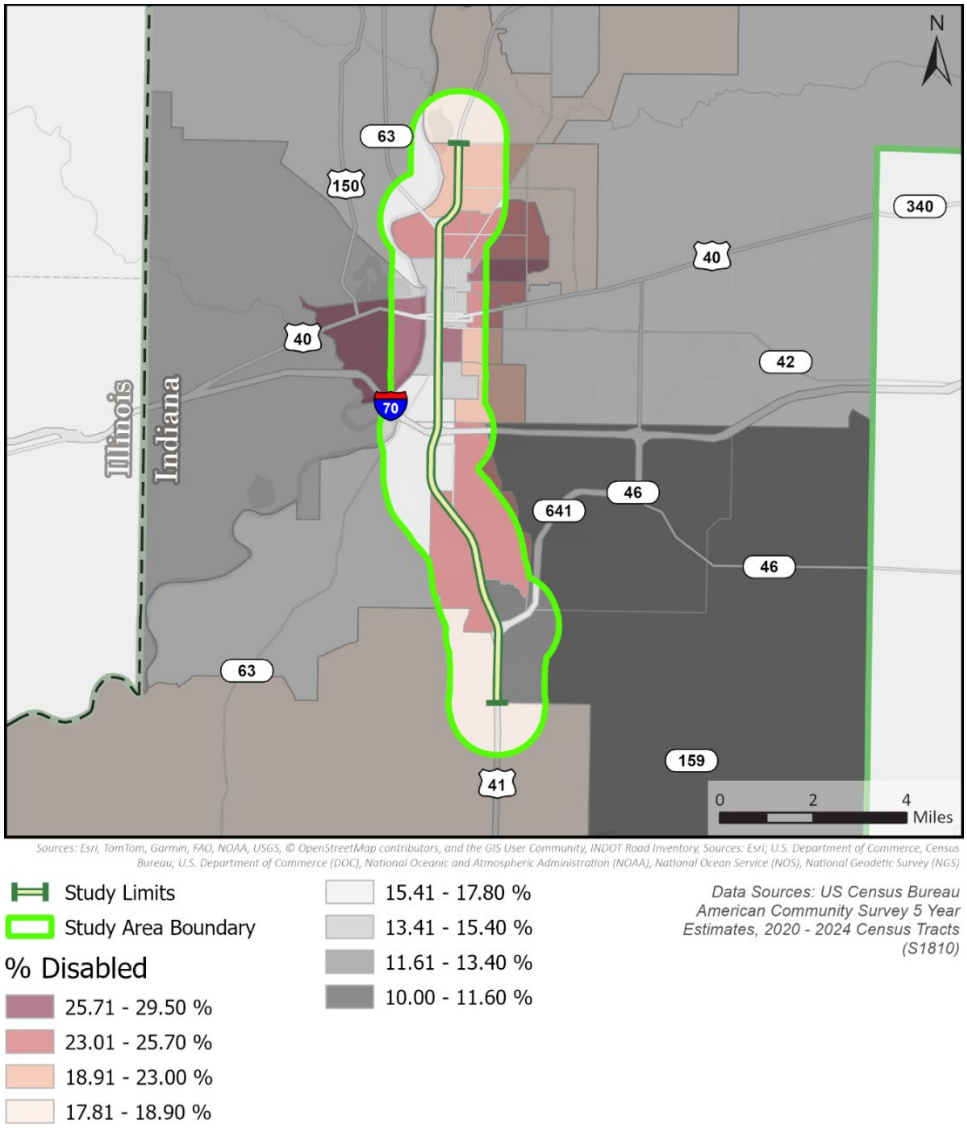
The Americans with Disabilities Act (ADA) defines a person with a disability as "a person who has a physical or mental impairment that substantially limits one or more major life activities, a person who has a history or record of such an impairment, or a person who is perceived by others as having such an impairment." The ADA "prohibits discrimination on the basis of disability in

employment, State and local government, public accommodations, commercial facilities, transportation, and telecommunications." The 2020-2024 ACS 5-year estimates identify disabled populations at the census tract level and determines the status based on six disability types: hearing difficulty, vision difficulty, cognitive difficulty, ambulatory difficulty, self-care difficulty, and independent living difficulty. Respondents who report any of the six disability types are considered to have a disability.

Populations with disabilities make up approximately 18.50% of the total Vigo County population. Of the 25 census tracts within the one-mile buffer, 23 (approximately 92%) include populations with a disability at or above the State of Indiana percentage, which is 14.20%. Within those 23 census tracts, the percentages with a disability ranged from 14.6% to 29.5%. (**Figure 13: Disability Populations** and **Attachment B, pages 31-35**).

As the ProPEL US 41 study progresses, local outreach will be completed to identify any specific needs for persons with disabilities. All meetings will take place in facilities that comply with ADA standards, and all video materials will feature subtitles to accommodate participants who are hearing impaired.

Figure 13: Disability Populations

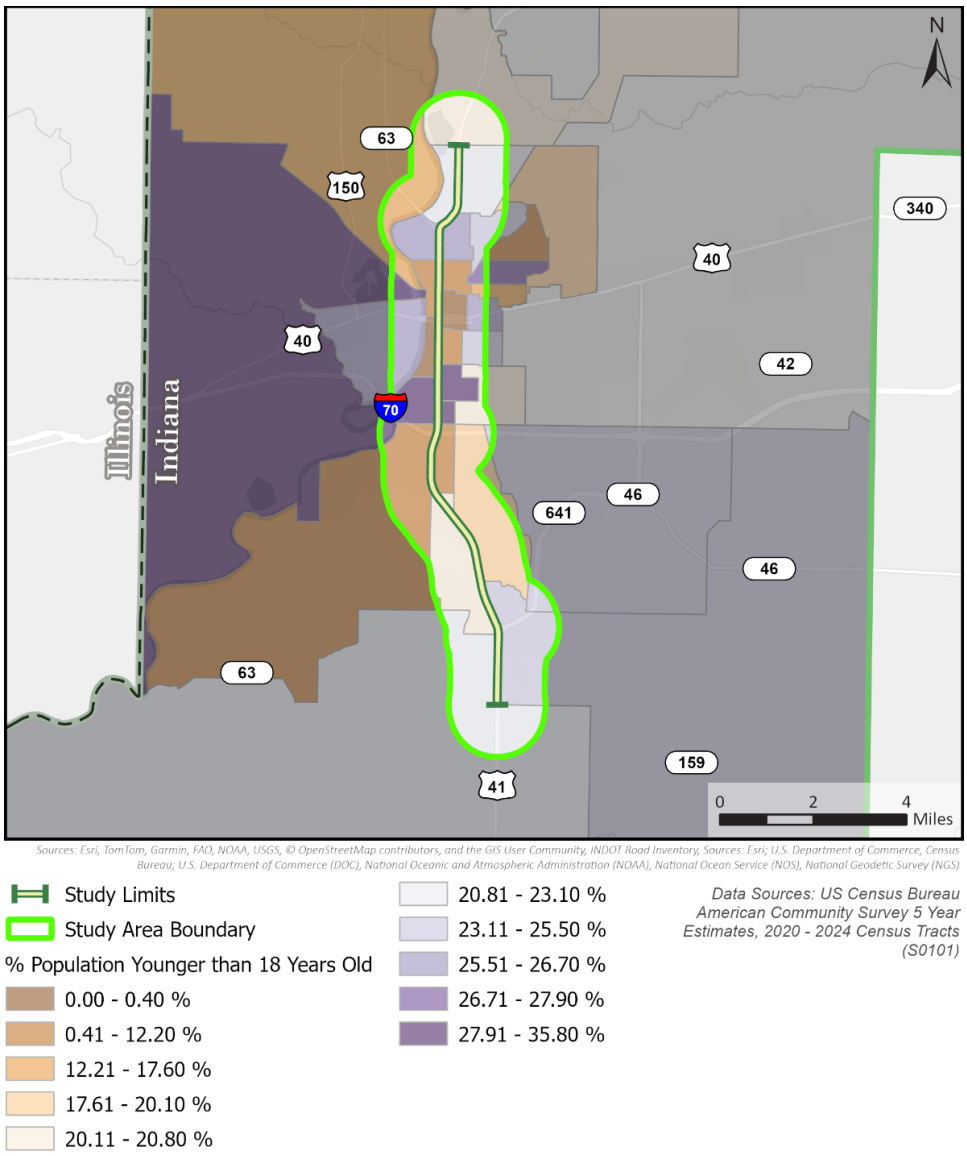


12.9 Age Groups

As part of the socioeconomic analysis, population age was evaluated as both children and those over 65 may face similar challenges to disadvantaged communities.

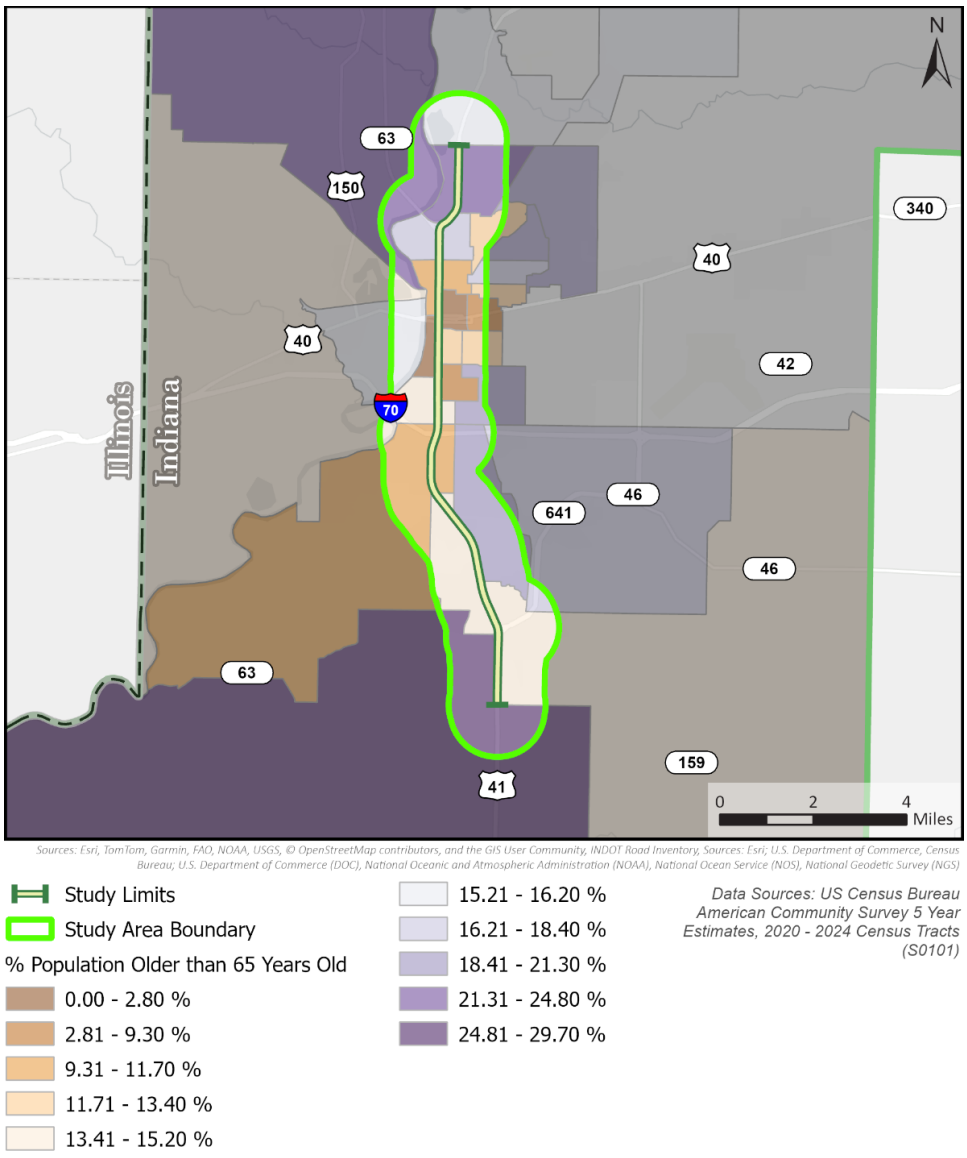
Of the 25 census tracts within the one-mile buffer, 11 (approximately 44%) include populations under the age of 18 at or above the State of Indiana percentage, which is 23.30%. Within those 11 census tracts, percentages under the age of 18 ranged from 24.3% to 35.8% (**Figure 14: Populations 0 to 17 Years of Age** and **Attachment B, pages 36-40)**.

Figure 14: Populations 0 to 17 Years of Age



Of the 25 census tracts within the one-mile buffer, 10 (approximately 36%) include populations 65 years of age or older at or above the State of Indiana percentage, which is 16.8%. Within those 10 census tracts, the percentages 65 years of age or older ranged from 16.8% to 29.7%. See **Figure 15: Population 65 or Older** and **Attachment B, pages 41-45**.

Figure 15: Population 65 or Older

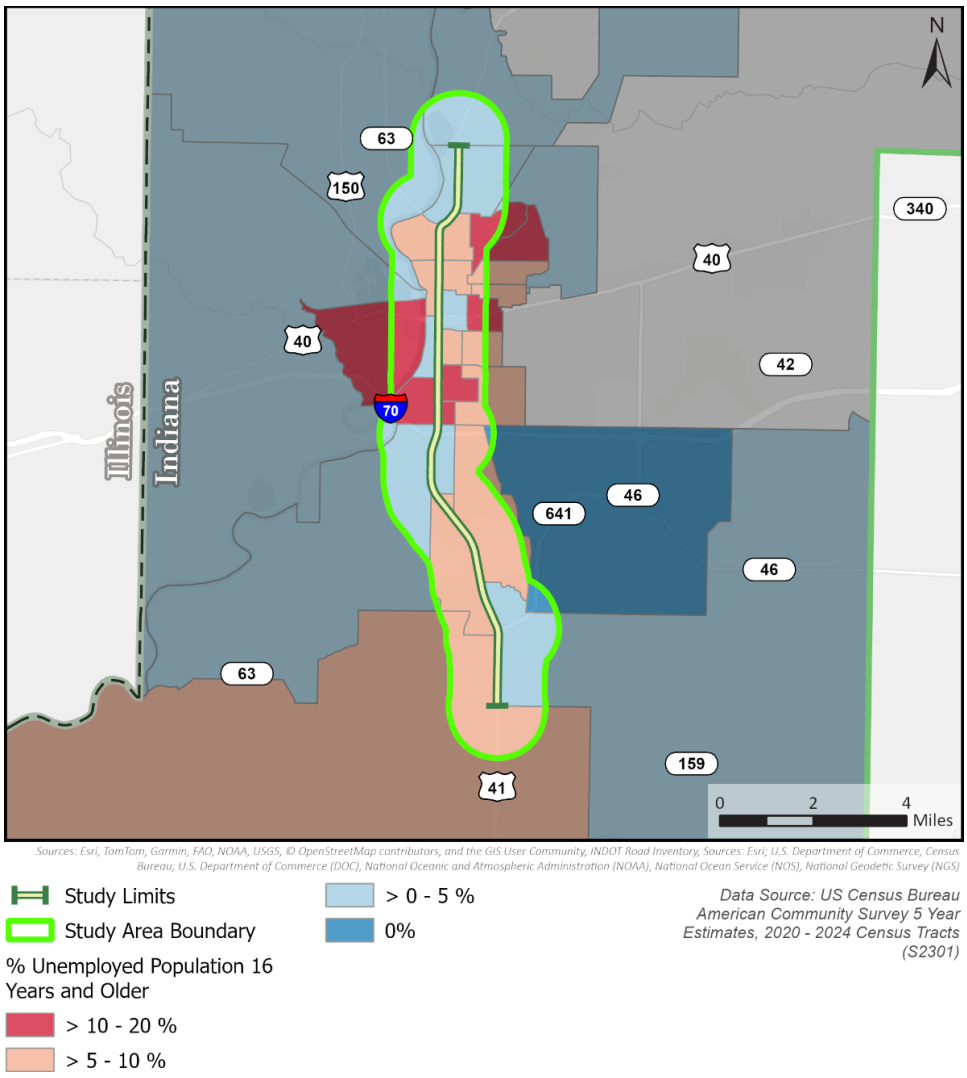


12.10 Unemployed Population 16 Years and Older

As part of the socioeconomic analysis, unemployed populations over the age of 16 years of age were evaluated.

Of the 25 census tracts within the one-mile buffer, 18 (approximately 72%) include unemployed populations 16 years or older at or above the State of Indiana percentage, which is 4.3%. Within those 18 census tracts, the percentages of unemployed populations 16 years or older ranged from 4.6% to 16.6%. See **Figure 16: Percent Unemployed 16 Years or Older** and **Attachment B, pages 45-50**.

Figure 16: Percent Unemployed 16 Years or Older

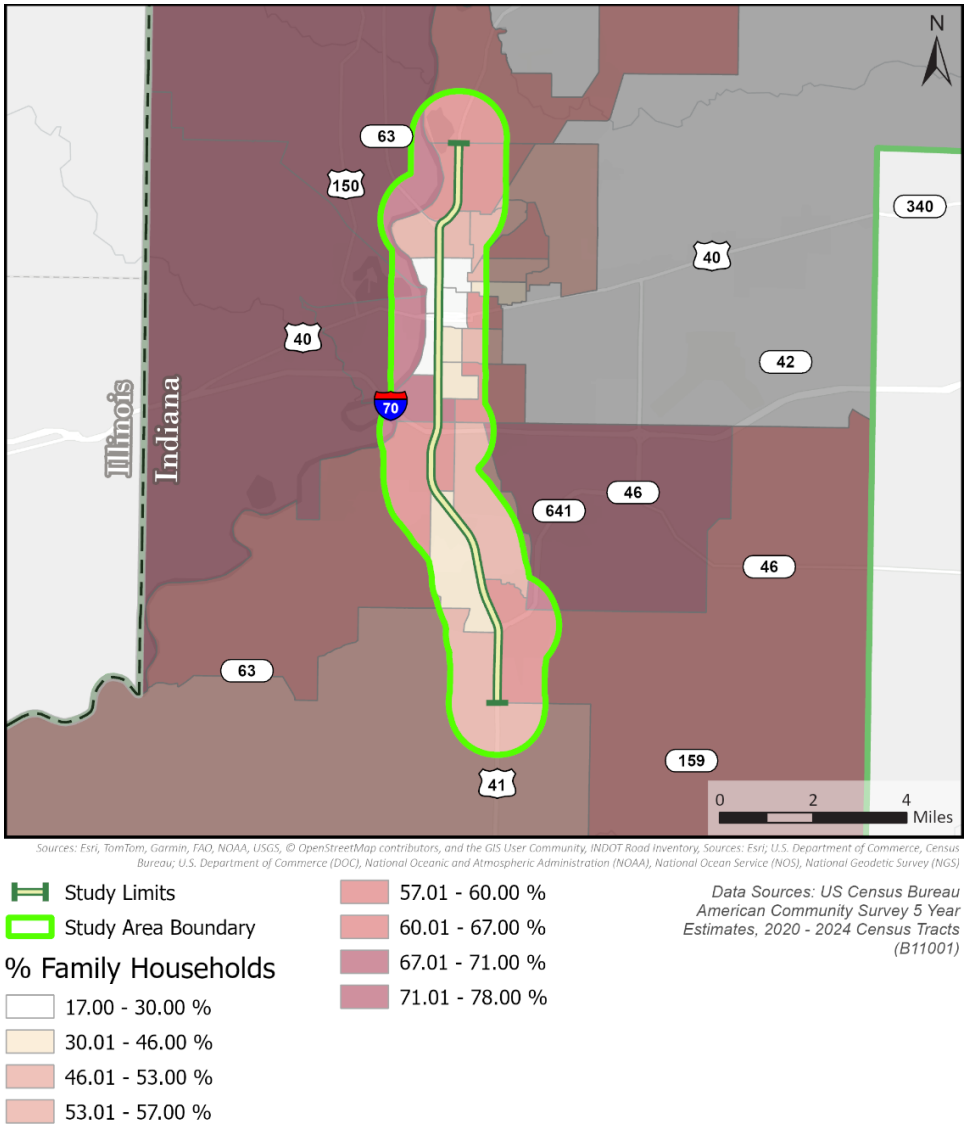


12.11 Households with Children

As part of the socioeconomic analysis, households with children were evaluated.

Of the 25 census tracts within the one-mile buffer, nine (approximately 36%) include households with children at or above the State of Indiana percentage, which is 63.7%. Within those nine census tracts, the percentages of households with children ranged from 63.81% to 77.73%. See **Figure 17: Percent Households with Children** and **Attachment B, pages 51-55**.

Figure 17: Percent Households with Children



12.12 Housing and Urban Development Concerns

In addition to federal Census data, data from the U.S. Department of Housing and Urban Development (HUD) was used to identify additional communities within the study area (**Attachment B, pages 56-62**). Within Vigo County, there are a total of 271 mapped HUD resources. Within the one-mile buffer, there are 147 mapped HUD resources, including five public housing developments, 136 buildings, and six low-income housing tax credit properties. Within the one-mile buffer, HUD resources were predominantly located in two locations – one north of I-70 and south of Poplar Street (downtown) and one north of Locust Street and south of Fort Harrison Street along LaFayette Avenue.

Dreiser Square is a public housing development operated by the Terre Haute Housing Authority. Residents are likely to have rent subsidies, or low-income residents pay rent based on their incomes. Dreiser Square is located north of Washington Street, south of Farrington Street, east of 1st Street and west of U.S. 41 (3rd Street). The development consists of approximately 50 buildings, each with two to four apartments units. As a concentration of low-income households, Dreiser Square represents a community resource and a potential overburdened population that may be sensitive to any future transportation-related impacts. Further consideration of the community will occur as part of the subsequent NEPA review for any reasonable alternatives for programmed projects advanced from the ProPEL US 41 study.

Figure 18: Dreiser Square Housing Development



12.13 Summary

The community impact analysis summarized in the preceding sections identified communities, persons with LEP, persons with limited internet access, persons with limited vehicle access, persons with disabilities, children, persons 65 and older, and households with children that may

require consideration or targeted outreach. **Table 11: Summary of Community Impact Assessment** summarizes the Vigo County populations. The public involvement plan will include tools, tactics, and strategies to meaningfully engage these communities throughout the ProPEL US 41 study.

Table 11: Summary of Community Impact Assessment

Category	State of Indiana Population (% of population)	Total Vigo County Population (% of population)	Census Tracks Greater than State (% of tract | count)
Race Non-White	22.88	15.25	40% | 10
Hispanic or Latino	8.62	3.21	16% | 4
Below Poverty Level	12.30	19.20	84% | 21
Speaks English Only	89.69	95.23	84% | 21
Commute in Car, Truck, Van	85.40	89.40	72% | 18
Households without Internet Subscription	10.00	13.70	76% | 19
Disabled	14.20	18.50	92% | 23
Under 18	23.20	20.50	44% | 11
Over 65	16.80	17.40	36% | 10
Unemployed over 16	4.30	5.70	72% | 18
Family Households	63.70	56.12	36% | 9

13 Conclusion

For the ProPEL US 41 study, numerous potential social, economic, and environmental constraints were identified within the study area (see *Environmental Constraints Summary Table* in **Attachment A**). The identification of these constraints serves as a planning tool and will guide the PEL study in developing the Purpose and Need, shaping alternatives development and screening, and supporting outreach efforts. This information will also inform subsequent NEPA reviews for any reasonable alternatives advanced from the ProPEL US 41 study.

14 References

This section documents data sources that were used to compile this report, in alphabetical order, from federal, state, and local agencies; previous area studies; existing literature and websites; and readily available geospatial mapping and environmental data.

AIR QUALITY

Indiana Department of Environmental Management. Nonattainment Status for Indiana's Counties. Accessed August 2025. https://www.in.gov/idem/sips/nonattainment-status-of-counties/

United States Environmental Protection Agency. Nonattainment Areas for Criteria Pollutants (Green Book). Accessed August 2025. https://www.epa.gov/green-book

COMMUNITY FACILITIES

Agape Christian Church/Shine Foster Family Resources. Accessed August 2025. https://www.agapeth.org/

Church of Salvaged Lives Dallas and Bono. Viewed Facebook Page August 2025. https://www.facebook.com/p/Church-of-Salvaged-Lives-100080096626724/

Dixie Bee Elementary School. Accessed August 2025. https://web.vigoschools.org/dixie-bee/

Faith Wesleyan Church. Accessed August 2025. https://faithwesleyanchurch.org/

Honey Creek Middle School. Accessed August 2025. https://web.vigoschools.org/honey-creek/

Indiana State University. Accessed August 2025. http://www.indstate.edu

Ivy Tech Community College – Wabash Valley. Accessed August 2025. https://www.ivytech.edu/terrehaute

Rose-Hulman Institute of Technology. Accessed August 2025. http://www.rose-hulman.edu

Saint Mary-of-the-Woods College. Accessed August 2025. http://www.smwc.edu

Terre Haute Regional Hospital. Accessed August 2025. https://regionalhospital.com/

Union Hospital. Accessed August 2025. https://www.union.health/

Vigo County School Corporation. Accessed August 2025. http://www.vigoschools.org

CULTURAL RESOURCES

Gray & Pape, Inc. *ProPEL US 41 Above-Ground Cultural Resources Identification Memorandum*. Received August 2025. *See Attachment H.*

DEMOGRAPHICS

STATSIndiana and Indiana Department of Workforce Development. Economic Growth Region 7 Analysis. Hoosiers by the Numbers. Accessed August 2025. https://www.hoosierdata.in.gov/region7.asp

STATSIndiana Population Projections. Accessed August 2025. https://www.stats.indiana.edu/pop_proj/.

United States Department of Housing and Urban Development. HUD Resource Locator. Accessed August 2025. https://resources.hud.gov/#.

United States Census Bureau. American Community Survey 2020-2024. Washington, DC. Accessed July 2025. https://data.census.gov/advanced

United States Census Bureau. Block Group Boundary (GIS Layers). Accessed July 2025. https://www2.census.gov/geo/tiger/TGRGDB20/

GIS DATA AND AERIAL IMAGERY

ESRI Basemap and Imagery Services. ArcGIS REST Services Directory. Accessed June through August 2025. https://services.arcgisonline.com/arcgis/rest/services

Homeland Infrastructure Foundation-Level Data (HIFLD). Natural Gas Pipelines. ArcGIS REST Services Directory. Accessed June through August 2025. https://services7.arcgis.com/FGr1D95XCGALKXqM/arcgis/rest/services

Indiana Department of Transportation (INDOT). ArcGIS REST Services Directory. Accessed June through August 2025. https://gis.indot.in.gov/ro/rest/services

Indiana Geological Survey (Karst and Mineral Resources). ArcGIS REST Services Directory. Accessed June through August 2025. https://portal.igs.indiana.edu/arcgis/rest/services

Indiana's Geospatial Open Data Portal (also known as IndianaMap). Indiana Geographic Information Office (IGIO). ArcGIS REST Services Directory. Accessed June through August 2025. https://gisdata.in.gov/server/rest/services/Hosted

National Agriculture Imagery Program (NAIP). U.S. Department of Agriculture. Accessed June through August 2025. https://gis.apfo.usda.gov/arcgis/rest/services/NAIP

OpenStreetMap. ArcGIS REST Services Directory. Accessed June through August 2025. https://services6.arcgis.com/Do88DoK2xjTUCXd1/ArcGIS/rest/services

State of Indiana Orthophotography (Aerial Imagery). ArcGIS REST Services Directory. Accessed June through August 2025. https://di-ingov.img.arcgis.com/arcgis/rest/services

United States Geological Survey. 2021 Land Cover. ArcGIS REST Services Directory. Accessed June through August 2025. https://gisdata.in.gov/server/rest/services/NLCD_Land_Cover_2021/MapServer/39

INFRASTRUCTURE

Active and Abandoned Rail Systems. Dataset from preexisting INDOT basemap, the State of Indiana 2005 Rail System Map, and an Indiana Rail System Map (showing abandoned rail lines). Data acquired between 1998 and 2003. ArcGIS REST Services Directory. Accessed June through August 2025. https://gisdata.in.gov/server/rest/services/Hosted/Active_and_Abandoned_Rail_Systems_2005/FeatureServer/0

Aviation Facilities. Federal Aviation Administration (FAA), U.S. Department of Transportation (USDOT)/Bureau of Transportation Statistics (BTS) and the National Transportation Atlas Database (NTAD). Data acquired November 9, 2023. ArcGIS REST Services Directory. Accessed June through August 2025. https://gisdata.in.gov/server/rest/services/Hosted/Aviation_Facilities_2023/FeatureServer/17

Electric Power Transmission Lines. Homeland Infrastructure Foundation Level Database (HIFLD). Dataset updated by HIFLD in December 2022, published by the IGIO April 2023. ArcGIS REST Services Directory. Accessed June through August 2025. https://gisdata.in.gov/server/rest/services/Hosted/Electric_Power_Transmission_Lines_2022/FeatureServer/0

Oil and Gas Pipelines. County Pipeline Work Maps for Indiana Geological Survey, Miscellaneous Map 53. Published 1988. In cooperation with the Indiana Geographic Information Office (IGIO) and IndianaMap. ArcGIS REST Services Directory. Accessed June through August 2025. https://portal.igs.indiana.edu/arcgis/rest/services/Energy_Pipelines_Oil_Gas/FeatureServer/0

LAND USE AND COMMUNITY PLAN SUMMARIES

Tax Increment Financing. U.S. Department of Transportation, Federal Highway Administration, Center for Innovative Finance Support. Accessed August 2025. https://www.fhwa.dot.gov/ipd/value_capture/defined/tax_increment_financing.aspx

Terre Haute Department of Redevelopment. PDF Maps depicting TIF Districts. Accessed August 2025. https://www.thredevelopment.com/maps

NOISE

HNTB. *ProPEL US 41 Noise-Sensitive Areas Identification Report*. August 2025. *See Attachment I.*

PROTECTED SPECIES AND WILDLIFE HABITAT

Endangered, Threatened & Rare Species of Indiana by County. IDNR. Accessed August 2025. (Vigo County PDF) https://www.in.gov/dnr/nature-preserves/files/np_vigo.pdf (Statewide County Selection) https://www.in.gov/dnr/nature-preserves/heritage-data-center/endangered-plant-and-animal-species/county/

Information for Planning and Consultation (IPaC). USFWS. Accessed August 2025. https://ipac.ecosphere.fws.gov/

SECTION 6(F) RESOURCES

Land and Water Conservation Fund (LWCF) Project Map. LWCF Coalition. Accessed August 2025. https://lwcf.tplgis.org/mappast/

WATER RESOURCES

IDNR, Division of Water. Indiana Floodplain Information Portal. Accessed August 2025. https://www.in.gov/dnr/water/surface-water/indiana-floodplain-mapping/indiana-floodplain-information-portal/

Listing of Indiana Special Streams. IDNR. Accessed August 2025. https://www.in.gov/dnr/water/files/Appdx_E-4.pdf

Nationwide Rivers Inventory. National Park Service. Accessed August 2025. https://www.nps.gov/subjects/rivers/nationwide-rivers-inventory.htm

Navigable Waterways Roster. Indiana NRC. Accessed August 2025. https://www.in.gov/nrc/nonrule-policy-documents-npd/navigable-waterways-roster/

Outstanding Rivers List for Indiana (1997). Indiana National Resources Commission (NRC). Accessed August 2025. https://www.nrc.gov/docs/ML1823/ML18236A739.pdf

United States Department of Agriculture Natural Resources Conservation Service (NRCS). Accessed August 2025. https://www.nrcs.usda.gov/

United States Fish and Wildlife Service. National Wetland Inventory (NWI). Accessed August 2025. https://fwsprimary.wim.usgs.gov/wetlands/apps/wetlands-mapper/ (GIS Reference) https://www.fws.gov/program/national-wetlands-inventory (Information)

United States Federal Emergency Management Agency (FEMA) Flood Map Service Center (MSC). Accessed August 2025. https://msc.fema.gov/portal/home

15 Attachments

Attachment A
Environmental Constraints Summary Table

Environmental Constraints Summary Table

Category		Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
Infrastructure			
Major Utilities: Underground Pipelines		16	11
Major Utilities: Electric Transmission Line		16	3
Railroads (24 crossings)		7	5 (3 crossings)
Airports[1]		3	1
Community Facilities			
Education Facilities		9	3[2]
Places of Worship		37	6
Cemeteries		7	2
Public Services	Hospitals	4	0
	Fire Stations/EMS	5	0
	Police Stations	4	0
	Libraries	1	0
Recreation	Managed Lands	10	3
	Recreational Facilities	25	7
	Trails	12	4
Water Resources			
Wetlands		140	58
INDOT Mitigation Sites		2	1
Streams and Rivers		111	39
IDEM 303(d) Impaired Streams		16	8
Special Status Stream/River		1	1[3]
Historic Canal Route		1	1
Historic Canal Structures		3	1
Floodplains		45	26
Lakes		97	39
Source Water Assessment Area		0	0
Wellhead Protection Area		2	4[4]
Aboveground Resources			
National Historic Landmarks		1	0

[1] Airport data is reported within a 3.8-mile (20,000-foot) buffer from apparent existing right-of-way.
[2] Includes K-12 and Universities
[3] Wabash River is located 0.23 mile west of the project study limit.
[4] Within 1,900 feet of Trails Edge Wellhead Protection Area

Category	Study Area (½ Mile)	Study Corridor (ROW and Adjacent)
NRHP and Indiana Register Listed	31	4
Outstanding in IHSSI	132	4
Notable in IHSSI	194	4
Historic Bridges	1	0
Mineral Resources/Petroleum Wells		
Wells (Oil & Gas)	53	14
Industrial Minerals	0	0
Mines (Surface & Underground)	6	3
Natural Gas Storage Facilities	0	0
Hazardous Material Resources		
RCRA Generator/TSD	5	2
State Cleanup Sites	12	4
Superfund	0	0
USTs	84	33
LUSTs	53	29
Voluntary Remediation Program	2	0
Manufactured Gas Plant	1	0
Waste Transfer Station	0	0
Infectious/Medical Waste Site	0	0
Tire Waste Site	0	0
Institutional Controls	47	7
NPDES Facilities	66	24
NPDES Pipe Locations	9	0
Landfill Boundaries	12	0
Solid Waste Landfill	1	0
Brownfields	24	9
HUD Resources		
Low-Income Housing Tax Credit Properties	6	0
Public Housing Developments	5	0
Public Housing Buildings	136	5

Attachment B
Community Impact Assessment

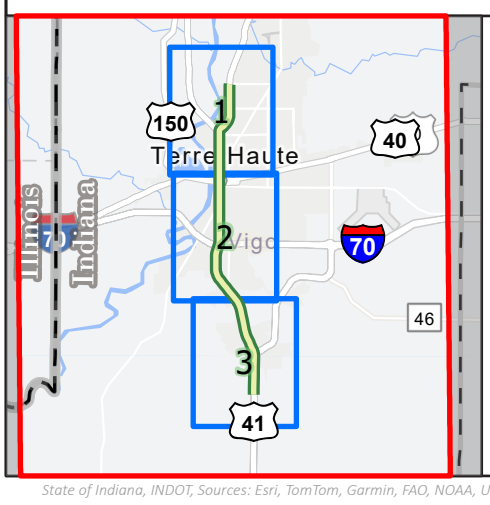
% Race Non-White
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

% Race Non-White

0.00 - 4.00 %

4.01 - 6.00 %

6.01 - 10.00 %

10.01 - 12.00 %

12.01 - 15.00 %

15.01 - 18.00 %

18.01 - 20.00 %

20.01 - 25.00 %

25.01 - 30.00 %

30.01 - 40.00%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B02001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 102.02
NW: 9.34%

CT: 103
NW: 8.44%

CT: 10
NW: 2.98%

CT: 13
NW: 22.95%

CT: 11
NW: 13.95%

CT: 9
NW: 15.6%

CT: 12
NW: 34.31%

CT: 104
NW: 2.48%

CT: 3
NW: 25.9%

CT: 4
NW: 30.02%

CT: 5
NW: 36.57%

CT: 111.02
NW: 20.54%

CT: 6
NW: 36.55%

CT: 105
NW: 4.16%

41
63
150
HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
BUCKEYE ST
PEYTON ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

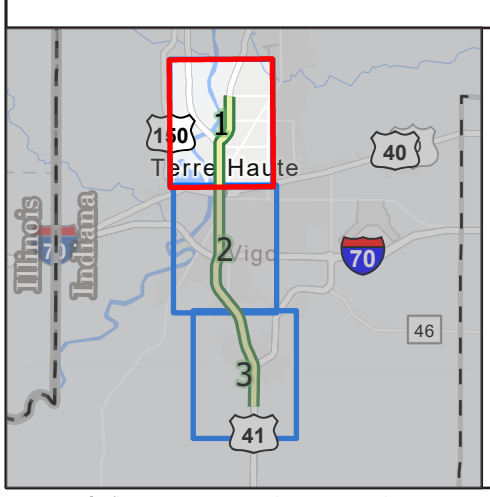
Map Label Legend
CT = Census Tract
BG = Block Group
NW = % Race Non-White
Indiana: 22.88%
Vigo County: 15.25%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Race Non-White

Series Page 1 of 3

N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary
% Race Non-White
0.00 - 4.00 %
4.01 - 6.00 %
6.01 - 10.00 %
10.01 - 12.00 %
12.01 - 15.00 %
15.01 - 18.00 %
18.01 - 20.00 %
20.01 - 25.00 %
25.01 - 30.00 %
30.01 - 40.00%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B02001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 3
NW:
25.9%

CT: 111.02
NW: 20.54%

CT: 6
NW: 36.55%

CT: 5
NW: 36.57%

WALNUT ST

POPLAR ST

OAK ST

CRAWFORD ST

CT: 111.01
NW: 15.02%

FARRINGTON ST

COLLEGE AVE

CT: 105
NW: 4.16%

CT: 7
NW: 39.74%

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT: 18
NW: 18.21%

CT: 19
NW: 23.79%

CT: 17
NW: 14.83%

VOORHEES ST

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT: 104
NW: 2.48%

JOHNSON DR

CT: 107.04
NW: 20.4%

CT: 112.01
NW: 23.24%

CT: 107.03
NW: 13.07%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT: 112.02
NW: 24.59%

Map Label Legend
CT = Census Tract
BG = Block Group
NW = % Race Non-White
Indiana: 22.88%
Vigo County: 15.25%

PROPEL US 41
Smarter Transportation. Stronger Communities.

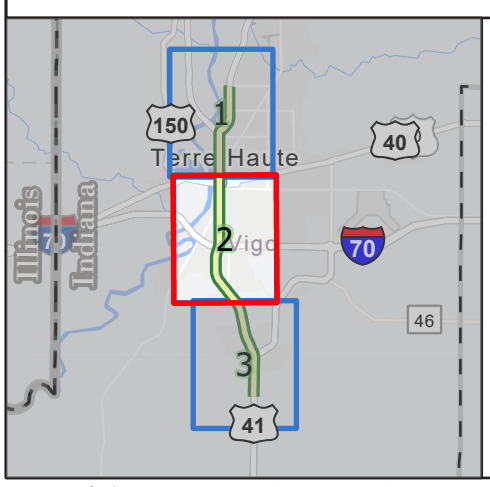
% Race Non-White

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Race Non-White

0.00 - 4.00 %

4.01 - 6.00 %

6.01 - 10.00 %

10.01 - 12.00 %

12.01 - 15.00 %

15.01 - 18.00 %

18.01 - 20.00 %

20.01 - 25.00 %

25.01 - 30.00 %

30.01 - 40.00%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B02001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 112.01
NW: 23.24%

CT: 112.02
NW: 24.59%

CT: 107.03
NW: 13.07%

CT: 107.04
NW: 20.4%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT: 107.02
NW: 10.42%

DALLAS DR

CT: 110
NW: 6.03%

HARLAN DR

41

Map Label Legend
CT = Census Tract
BG = Block Group
NW = % Race Non-White
Indiana: 22.88%
Vigo County: 15.25%

PROPEL US 41
Smarter Transportation. Stronger Communities.

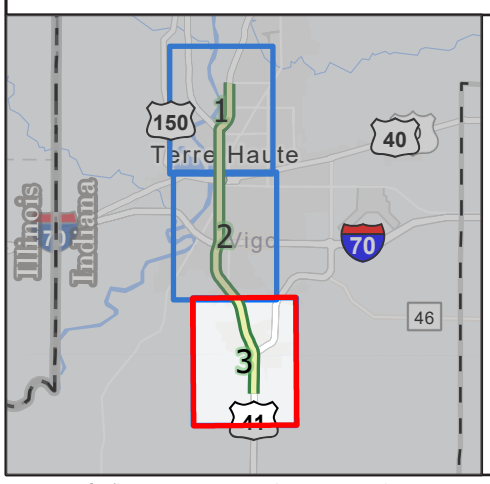
% Race Non-White

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Race Non-White

0.00 - 4.00 %
4.01 - 6.00 %
6.01 - 10.00 %
10.01 - 12.00 %
12.01 - 15.00 %
15.01 - 18.00 %
18.01 - 20.00 %
20.01 - 25.00 %
25.01 - 30.00 %
30.01 - 40.00%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B02001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Race Non-White
Indiana	22.88%
Vigo County	15.25%
Block Group #; Census Tract #; County; State	% Race Non-White Range (Min - 2.48 | Max - 39.74)
Census Tract 104; Vigo County; Indiana	2.48
Census Tract 10; Vigo County; Indiana	2.98
Census Tract 105; Vigo County; Indiana	4.16
Census Tract 110; Vigo County; Indiana	6.03
Census Tract 103; Vigo County; Indiana	8.44
Census Tract 102.02; Vigo County; Indiana	9.34
Census Tract 107.02; Vigo County; Indiana	10.42
Census Tract 107.03; Vigo County; Indiana	13.07
Census Tract 11; Vigo County; Indiana	13.95
Census Tract 17; Vigo County; Indiana	14.83
Census Tract 111.01; Vigo County; Indiana	15.02
Census Tract 9; Vigo County; Indiana	15.60
Census Tract 18; Vigo County; Indiana	18.21
Census Tract 107.04; Vigo County; Indiana	20.40
Census Tract 111.02; Vigo County; Indiana	20.54
Census Tract 13; Vigo County; Indiana	22.95
Census Tract 112.01; Vigo County; Indiana	23.24
Census Tract 19; Vigo County; Indiana	23.79
Census Tract 112.02; Vigo County; Indiana	24.59
Census Tract 3; Vigo County; Indiana	25.90
Census Tract 4; Vigo County; Indiana	30.02
Census Tract 12; Vigo County; Indiana	34.31
Census Tract 6; Vigo County; Indiana	36.55
Census Tract 5; Vigo County; Indiana	36.57
Census Tract 7; Vigo County; Indiana	39.74

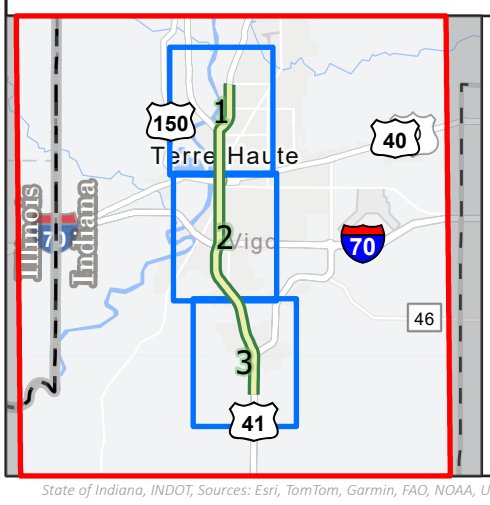
% Hispanic or Latino
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

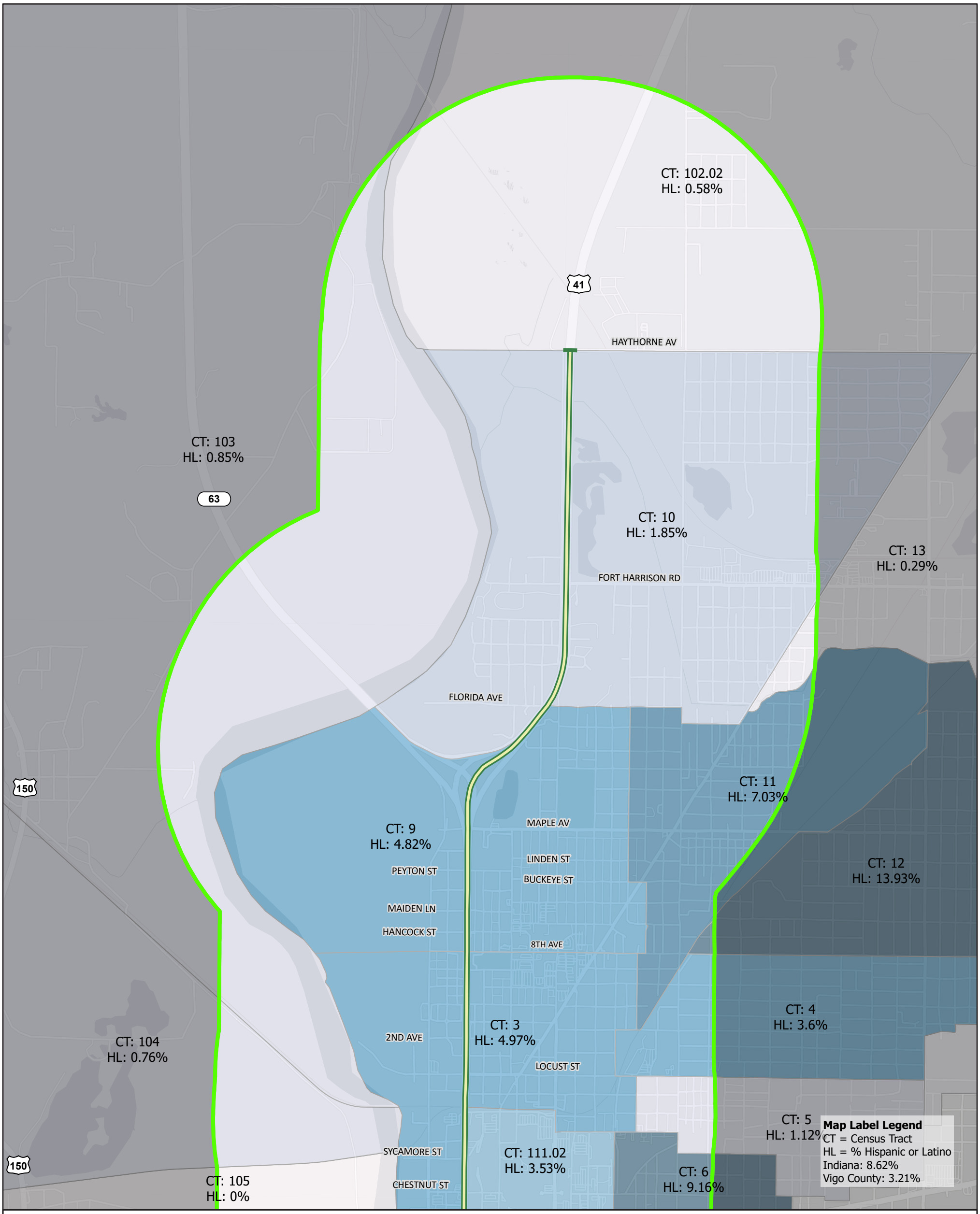
Study Area Boundary

% Hispanic or Latino

- 0.00 - 0.25 %
- 0.26 - 0.75 %
- 0.76 - 1.3 %
- 1.31 - 2.00 %
- 2.01 - 2.70 %
- 2.71 - 3.60 %
- 3.61 - 5.90 %
- 5.91 - 7.00 %
- 7.01 - 9.00 %
- 9.01 - 14.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B03001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL
Smarter Transportation. Stronger Communities. US 41

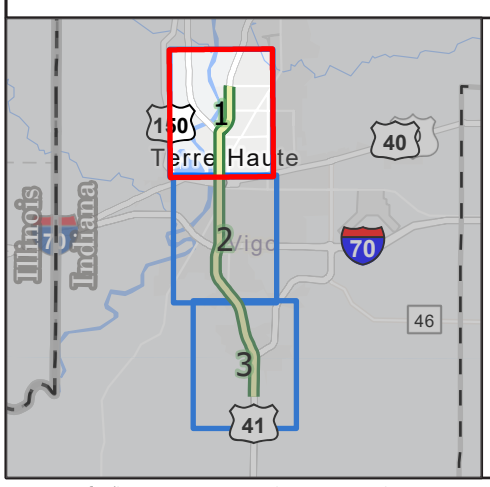
% Hispanic or Latino

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Hispanic or Latino

- 0.00 - 0.25 %
- 0.26 - 0.75 %
- 0.76 - 1.3 %
- 1.31 - 2.00 %
- 2.01 - 2.70 %
- 2.71 - 3.60 %
- 3.61 - 5.90 %
- 5.91 - 7.00 %
- 7.01 - 9.00 %
- 9.01 - 14.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B03001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 3
HL: 4.97%

CT: 5
HL: 1.12%

CT: 6
HL: 9.16%

CT: 105
HL: 0%

CT: 111.02
HL: 3.53%

CT: 111.01
HL: 3.55%

CT: 7
HL: 12.76%

CT: 18
HL: 1.54%

CT: 17
HL: 0%

CT: 19
HL: 5.88%

CT: 104
HL: 0.76%

CT: 112.01
HL: 5.22%

CT: 107.04
HL: 9.03%

CT: 107.03
HL: 2.24%

CT: 112.02
HL: 2.42%

WALNUT ST
POPLAR ST
OAK ST
CRAWFORD ST
FARRINGTON ST
COLLEGE AVE
CRUFT ST
FRANKLIN ST
WASHINGTON AV
WILLOW ST
OSBORNE ST
HULMAN ST
IDAHO ST
MCKEEN ST
VOORHEES ST
PRESTON ST
TURNER ST
HELEN AV
WHEELER AV
MARGARET AV
JOHNSON DR
SPRINGHLL DR
1ST ST
RAYMOND DR
OLD ROYSE RD

150
70
41

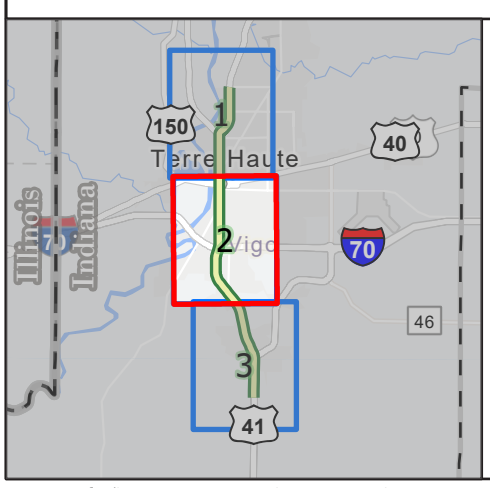
Map Label Legend
CT = Census Tract
HL = % Hispanic or Latino
Indiana: 8.62%
Vigo County: 3.21%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Hispanic or Latino

Series Page 2 of 3

N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary

% Hispanic or Latino
0.00 - 0.25 %
0.26 - 0.75 %
0.76 - 1.3 %
1.31 - 2.00 %
2.01 - 2.70 %
2.71 - 3.60 %
3.61 - 5.90 %
5.91 - 7.00 %
7.01 - 9.00 %
9.01 - 14.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B03001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 112.01
HL: 5.22%

CT: 112.02
HL: 2.42%

CT: 107.03
HL: 2.24%

CT: 107.04
HL: 9.03%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT: 107.02
HL: 2.68%

DALLAS DR

CT: 110
HL: 1.29%

HARLAN DR

41

Map Label Legend
CT = Census Tract
HL = % Hispanic or Latino
Indiana: 8.62%
Vigo County: 3.21%

PROPEL US 41
Smarter Transportation. Stronger Communities.

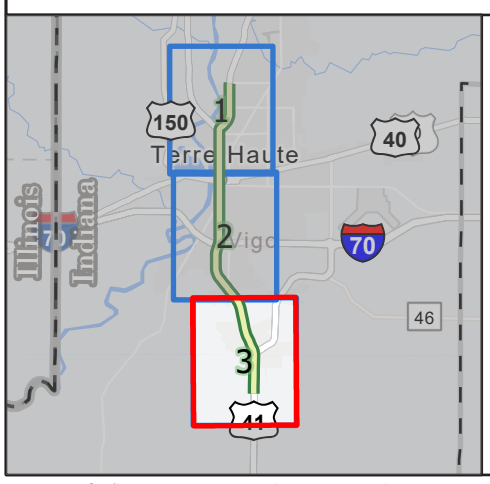
% Hispanic or Latino

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

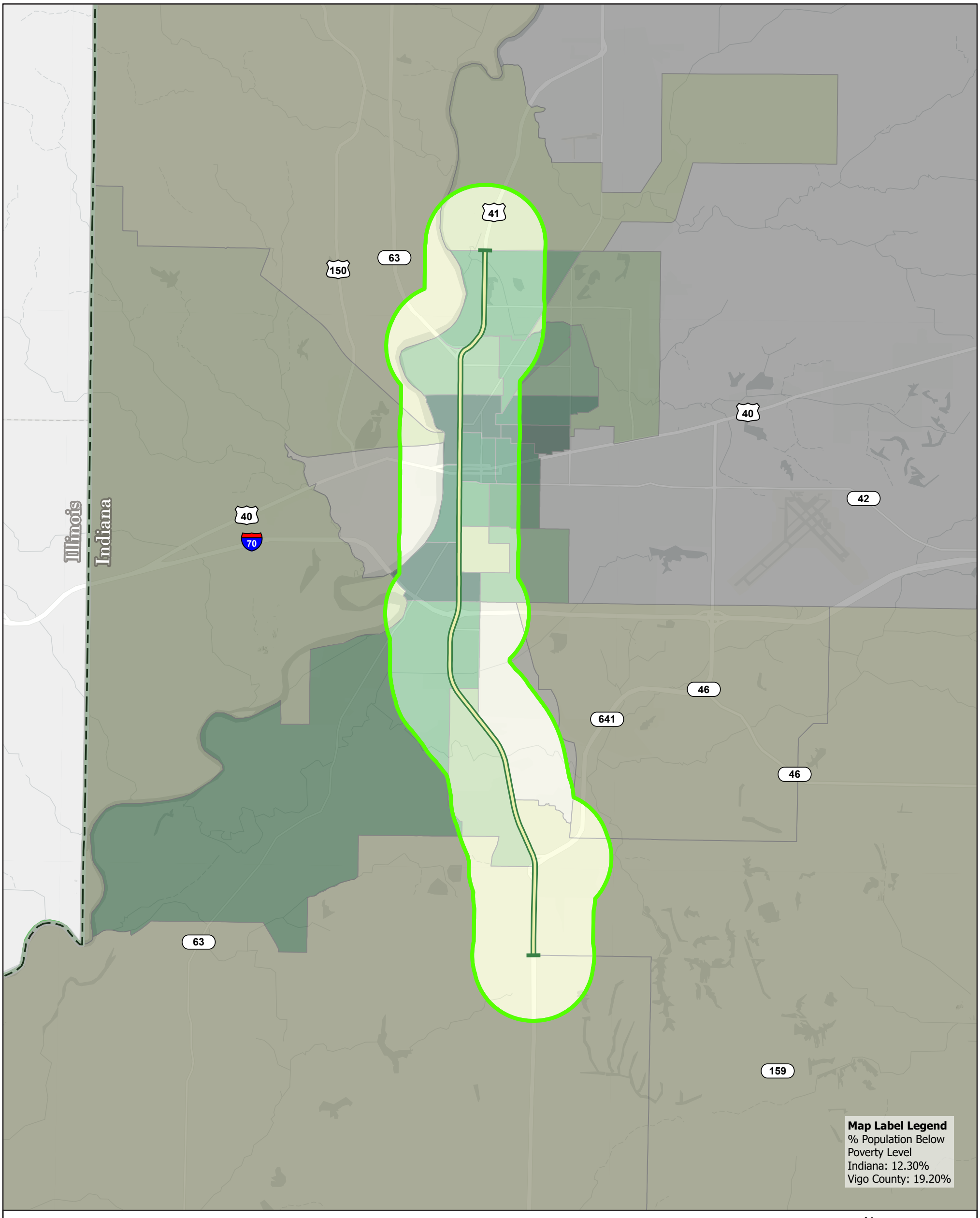
% Hispanic or Latino

0.00 - 0.25 %
0.26 - 0.75 %
0.76 - 1.3 %
1.31 - 2.00 %
2.01 - 2.70 %
2.71 - 3.60 %
3.61 - 5.90 %
5.91 - 7.00 %
7.01 - 9.00 %
9.01 - 14.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B03001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Hispanic or Latino
Indiana	8.62%
Vigo County	3.21%
Census Tract #; County; State	% Hispanic or Latino Range (Min - 0.00 | Max - 13.93)
Census Tract 17; Vigo County; Indiana	0.00
Census Tract 105; Vigo County; Indiana	0.00
Census Tract 13; Vigo County; Indiana	0.29
Census Tract 102.02; Vigo County; Indiana	0.58
Census Tract 104; Vigo County; Indiana	0.76
Census Tract 103; Vigo County; Indiana	0.85
Census Tract 5; Vigo County; Indiana	1.12
Census Tract 110; Vigo County; Indiana	1.29
Census Tract 18; Vigo County; Indiana	1.54
Census Tract 10; Vigo County; Indiana	1.85
Census Tract 107.03; Vigo County; Indiana	2.24
Census Tract 112.02; Vigo County; Indiana	2.42
Census Tract 107.02; Vigo County; Indiana	2.68
Census Tract 111.02; Vigo County; Indiana	3.53
Census Tract 111.01; Vigo County; Indiana	3.55
Census Tract 4; Vigo County; Indiana	3.60
Census Tract 9; Vigo County; Indiana	4.82
Census Tract 3; Vigo County; Indiana	4.97
Census Tract 112.01; Vigo County; Indiana	5.22
Census Tract 19; Vigo County; Indiana	5.88
Census Tract 11; Vigo County; Indiana	7.03
Census Tract 107.04; Vigo County; Indiana	9.03
Census Tract 6; Vigo County; Indiana	9.16
Census Tract 7; Vigo County; Indiana	12.76
Census Tract 12; Vigo County; Indiana	13.93



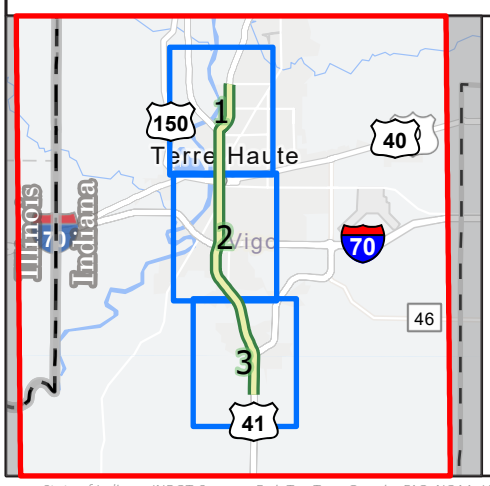
PROPEL US 41
Smarter Transportation. Stronger Communities.

% Population Below Poverty Level
Overview

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

% Population Below Poverty Level

- 0.00 - 11.00 %
- 11.01 - 12.50 %
- 12.51 - 13.50 %
- 13.51 - 15.00 %
- 15.01 - 19.50 %
- 19.51 - 22.50%
- 22.51 - 27.00 %
- 27.01 - 38.50 %
- 38.51 - 42.00 %
- 42.01 - 60.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1701)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 102.02
BP: 12.6%

CT 103
BP: 12.5%

CT 10
BP: 22.7%

CT 13
BP: 15%

CT 9
BP: 22.2%

CT 11
BP: 27%

CT 12
BP: 21.1%

CT 104
BP: 13.3%

CT 3
BP: 60.5%

CT 4
BP: 40.2%

CT 5
BP: 42.2%

CT 111.02
BP: 41.4%

CT 6
BP: 38.6%

CT 105
BP: 10.1%

41
63
150
HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
PEYTON ST
BUCKEYE ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

Map Label Legend
CT = Census Tract
BP = % Population Below Poverty Level
Indiana: 12.30%
Vigo County: 19.20%

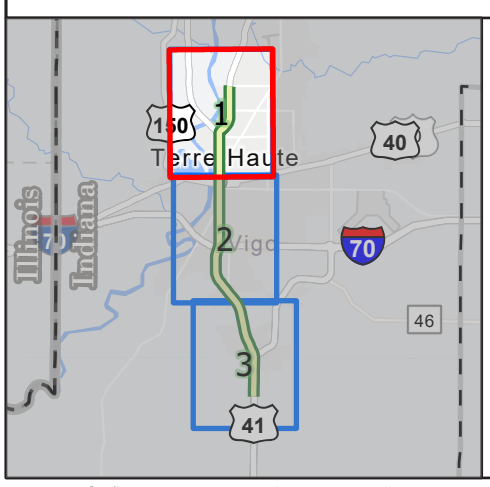
% Population Below Poverty Level

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Population Below Poverty Level

0.00 - 11.00 %
11.01 - 12.50 %
12.51 - 13.50 %
13.51 - 15.00 %
15.01 - 19.50 %
19.51 - 22.50%
22.51 - 27.00 %
27.01 - 38.50 %
38.51 - 42.00 %
42.01 - 60.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1701)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 3
BP: 60.5%

CT 6
BP: 38.6%

WALNUT ST

POPLAR ST

CT 111.02
BP: 41.4%

OAK ST

CRAWFORD ST

CT 111.01
BP: 26.5%

CT 105
BP: 10.1%

FARRINGTON ST

CT 7
BP: 37.6%

COLLEGE AVE

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT 18
BP: 12.9%

CT 17
BP: 19.5%

CT 19
BP: 53.6%

VOORHEES ST

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT 104
BP: 13.3%

JOHNSON DR

CT 107.04
BP: 12.3%

CT 112.01
BP: 24.4%

CT 107.03
BP: 11%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT 112.02
BP: 13.6%

Map Label Legend
CT = Census Tract
BP = % Population Below Poverty Level
Indiana: 12.30%
Vigo County: 19.20%

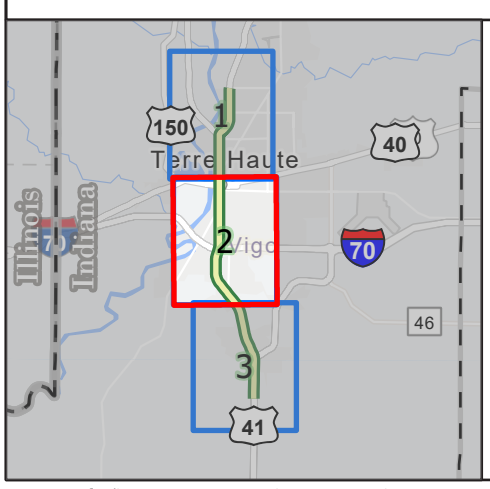
% Population Below Poverty Level

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Population Below Poverty Level

0.00 - 11.00 %

11.01 - 12.50 %

12.51 - 13.50 %

13.51 - 15.00 %

15.01 - 19.50 %

19.51 - 22.50%

22.51 - 27.00 %

27.01 - 38.50 %

38.51 - 42.00 %

42.01 - 60.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1701)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 112.01
BP: 24.4%

CT 112.02
BP: 13.6%

CT 107.03
BP: 11%

CT 107.04
BP: 12.3%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
BP: 12.4%

DALLAS DR

CT 110
BP: 11.8%

HARLAN DR

41

Map Label Legend
CT = Census Tract
BP = % Population Below Poverty Level
Indiana: 12.30%
Vigo County: 19.20%

PROPEL US 41
Smarter Transportation. Stronger Communities.

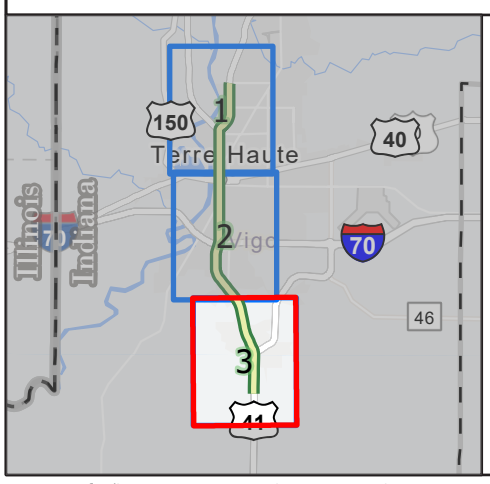
% Population Below Poverty Level

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Population Below Poverty Level

0.00 - 11.00 %

11.01 - 12.50 %

12.51 - 13.50 %

13.51 - 15.00 %

15.01 - 19.50 %

19.51 - 22.50%

22.51 - 27.00 %

27.01 - 38.50 %

38.51 - 42.00 %

42.01 - 60.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1701)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (S1701)	% Population Below Poverty Level
Indiana	**12.30%**
Vigo County	**19.20%**
Census Tract #; County; State	**% Population Below Poverty Level Range (Min - 2.48 | Max - 39.74)**
Census Tract 105; Vigo County; Indiana	10.1
Census Tract 107.03; Vigo County; Indiana	11
Census Tract 110; Vigo County; Indiana	11.8
Census Tract 107.04; Vigo County; Indiana	12.3
Census Tract 107.02; Vigo County; Indiana	12.4
Census Tract 103; Vigo County; Indiana	12.5
Census Tract 102.02; Vigo County; Indiana	12.6
Census Tract 18; Vigo County; Indiana	12.9
Census Tract 104; Vigo County; Indiana	13.3
Census Tract 112.02; Vigo County; Indiana	13.6
Census Tract 13; Vigo County; Indiana	15
Census Tract 17; Vigo County; Indiana	19.5
Census Tract 12; Vigo County; Indiana	21.1
Census Tract 9; Vigo County; Indiana	22.2
Census Tract 10; Vigo County; Indiana	22.7
Census Tract 112.01; Vigo County; Indiana	24.4
Census Tract 111.01; Vigo County; Indiana	26.5
Census Tract 11; Vigo County; Indiana	27
Census Tract 7; Vigo County; Indiana	37.6
Census Tract 6; Vigo County; Indiana	38.6
Census Tract 4; Vigo County; Indiana	40.2
Census Tract 111.02; Vigo County; Indiana	41.4
Census Tract 5; Vigo County; Indiana	42.2
Census Tract 19; Vigo County; Indiana	53.6
Census Tract 3; Vigo County; Indiana	60.5

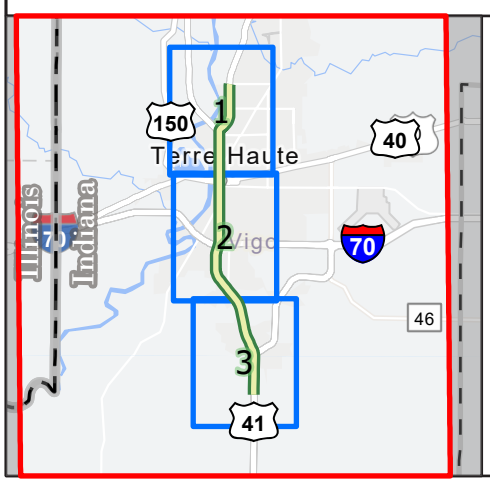
% Speaks English Only
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



- Study Limits
- Study Area Boundary

% Speaks English Only

- 99.01 - 100.00 %
- 98.01 - 99.00 %
- 97.01 - 98.00 %
- 96.01 - 97.00 %
- 95.01 - 96.00 %
- 90.01 - 95.00 %
- 85.01 - 90.00 %
- <85.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (C16001)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 102.02
EO: 99.78%

CT 103
EO: 98.59%

CT 10
EO: 98.42%

CT 13
EO: 93.74%

CT 9
EO: 95.96%

CT 11
EO: 91.96%

CT 12
EO: 80.25%

CT 104
EO: 99.27%

CT 3
EO: 93.23%

CT 4
EO: 94.46%

CT 105
EO: 98.65%

CT 111.02
EO: 93.91%

CT 6
EO: 87.27%

CT 5
EO: 99.7

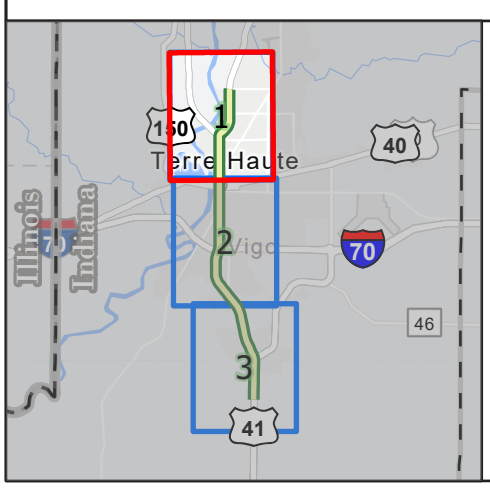
41
63
150
HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
BUCKEYE ST
PEYTON ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

Map Label Legend
CT = Census Tract
EO = % Speaks English Only
Indiana: 89.69%
Vigo County: 95.23%

% Speaks English Only

Series Page 1 of 3

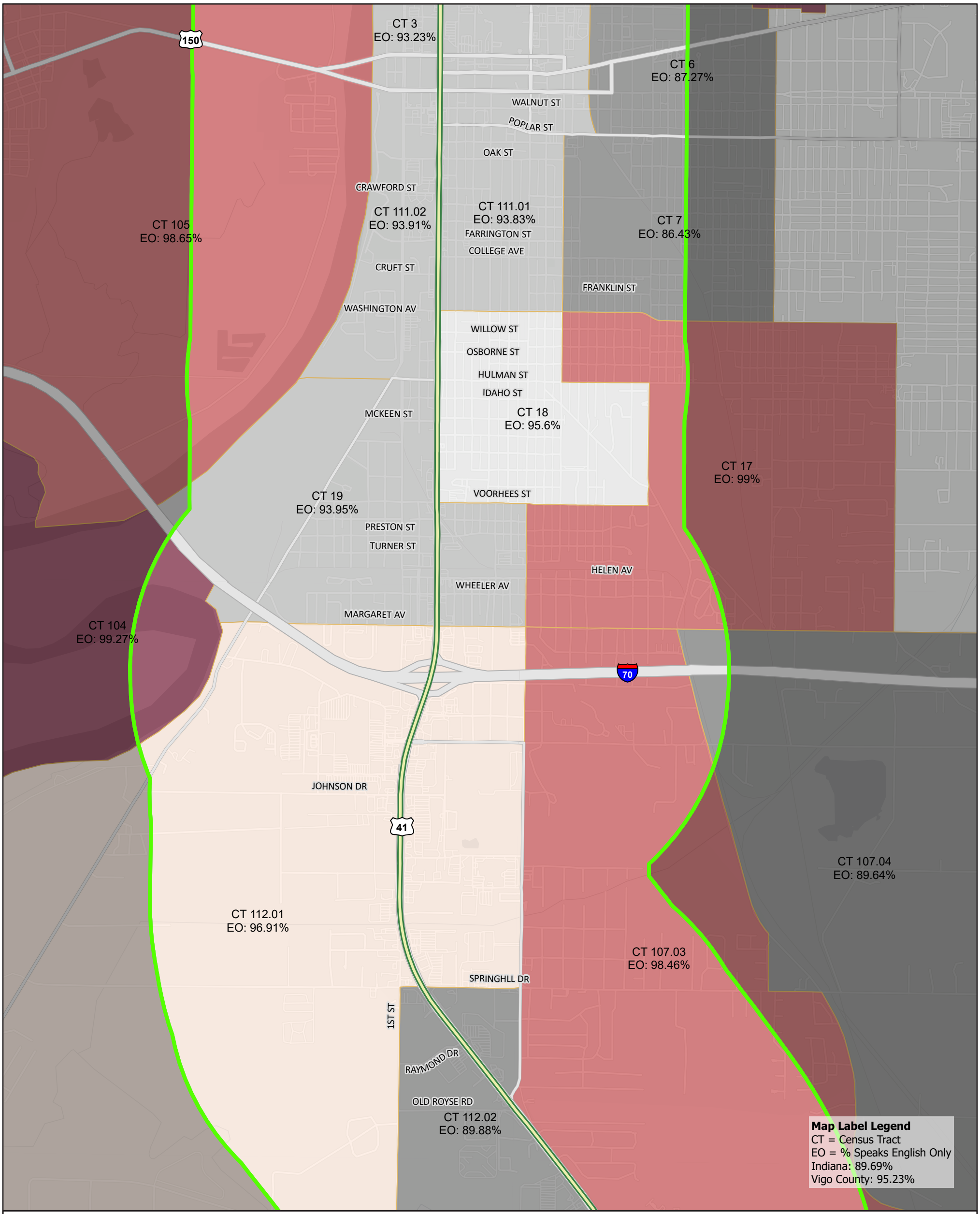
N
0 0.25 0.5 Miles
Scale: 1:24,000



- Study Limits
- Study Area Boundary
- % Speaks English Only
  - 99.01 - 100.00 %
  - 98.01 - 99.00 %
  - 97.01 - 98.00 %
  - 96.01 - 97.00 %
  - 95.01 - 96.00 %
  - 90.01 - 95.00 %
  - 85.01 - 90.00 %
  - <85.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (C16001)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft



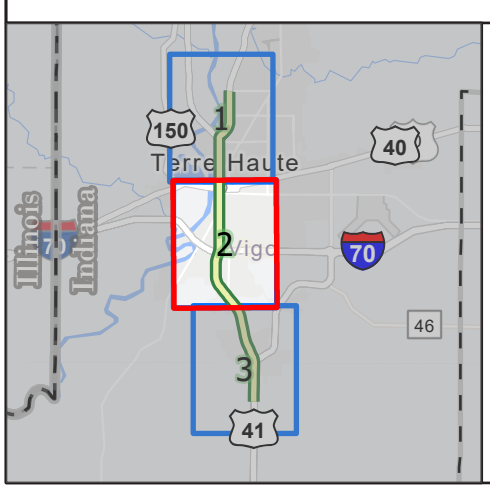
% Speaks English Only

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary

% Speaks English Only

- 99.01 - 100.00 %
- 98.01 - 99.00 %
- 97.01 - 98.00 %
- 96.01 - 97.00 %
- 95.01 - 96.00 %
- 90.01 - 95.00 %
- 85.01 - 90.00 %
- <85.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (C16001)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 112.01
EO: 96.91%

CT 112.02
EO: 89.88%

CT 107.03
EO: 98.46%

CT 107.04
EO: 89.64%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
EO: 98.72%

DALLAS DR

CT 110
EO: 97.46%

HARLAN DR

41

Map Label Legend
CT = Census Tract
EO = % Speaks English Only
Indiana: 89.69%
Vigo County: 95.23%

PROPEL US 41
Smarter Transportation. Stronger Communities.

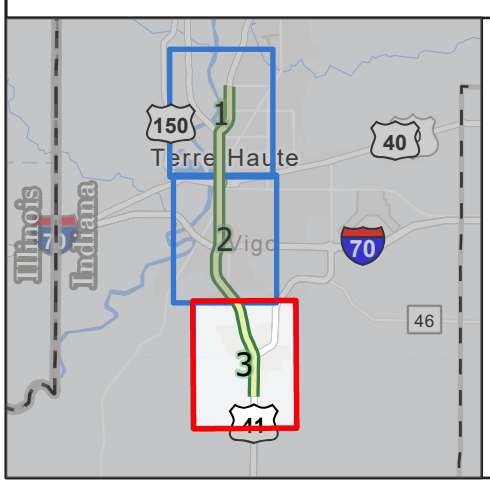
% Speaks English Only

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary
% Speaks English Only
99.01 - 100.00 %
98.01 - 99.00 %
97.01 - 98.00 %
96.01 - 97.00 %
95.01 - 96.00 %
90.01 - 95.00 %
85.01 - 90.00 %
<85.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (C16001)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

US Census Bureau ACS 5 Year Estimates, 2020-2024 (C16001)	% Speaks English Only
Indiana	89.69%
Vigo County	95.23%
Census Tract #; County; State	% Speaks English Only Range (Min -80.25 | Max - 99.78)
Census Tract 12; Vigo County; Indiana	80.25
Census Tract 7; Vigo County; Indiana	86.43
Census Tract 6; Vigo County; Indiana	87.27
Census Tract 107.04; Vigo County; Indiana	89.64
Census Tract 112.02; Vigo County; Indiana	89.88
Census Tract 11; Vigo County; Indiana	91.96
Census Tract 3; Vigo County; Indiana	93.23
Census Tract 13; Vigo County; Indiana	93.74
Census Tract 111.01; Vigo County; Indiana	93.83
Census Tract 111.02; Vigo County; Indiana	93.91
Census Tract 19; Vigo County; Indiana	93.95
Census Tract 4; Vigo County; Indiana	94.46
Census Tract 18; Vigo County; Indiana	95.60
Census Tract 9; Vigo County; Indiana	95.96
Census Tract 112.01; Vigo County; Indiana	96.91
Census Tract 110; Vigo County; Indiana	97.46
Census Tract 10; Vigo County; Indiana	98.42
Census Tract 107.03; Vigo County; Indiana	98.46
Census Tract 103; Vigo County; Indiana	98.59
Census Tract 105; Vigo County; Indiana	98.65
Census Tract 107.02; Vigo County; Indiana	98.72
Census Tract 17; Vigo County; Indiana	99.00
Census Tract 104; Vigo County; Indiana	99.27
Census Tract 5; Vigo County; Indiana	99.72
Census Tract 102.02; Vigo County; Indiana	99.78

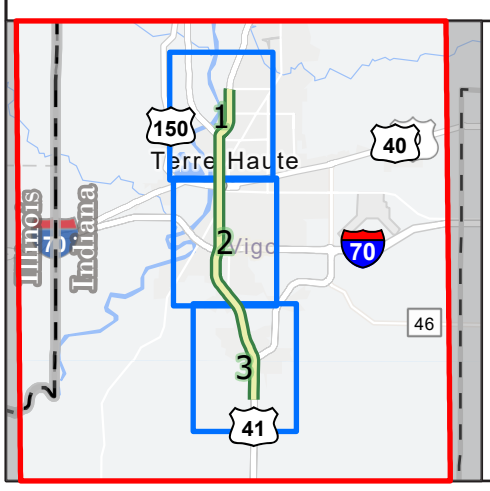
% Commute in Car, Truck or Van
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



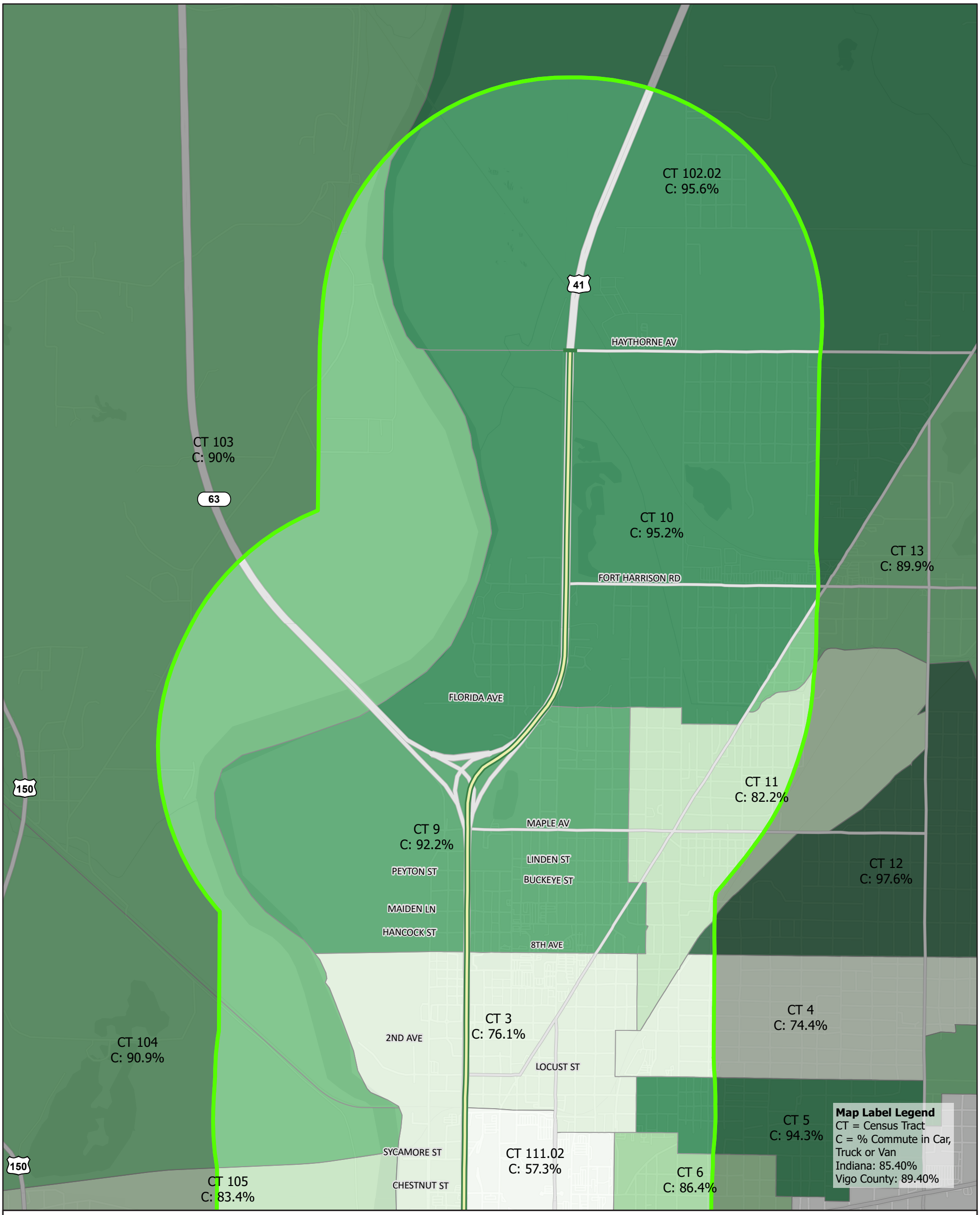
- Study Limits
- Study Area Boundary

% Commute in Car, Truck, or Van

- 95.61 - 97.60 %
- 93.61 - 95.60 %
- 91.41 - 93.60 %
- 88.61 - 91.40 %
- 83.41 - 88.60 %
- 76.11 - 83.40 %
- 57.31 - 76.10 %
- < 57.3 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft



PROPEL US 41
Smarter Transportation. Stronger Communities.

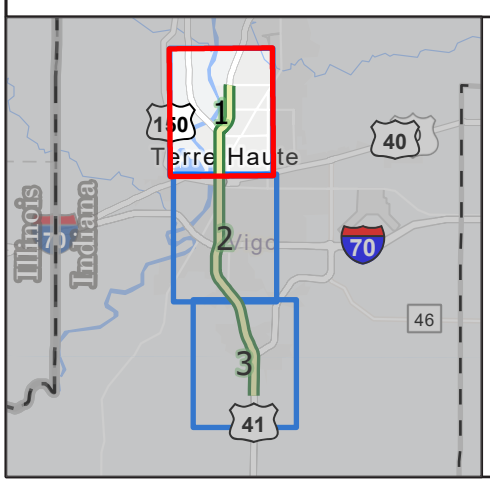
% Commute in Car, Truck or Van

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary

% Commute in Car, Truck, or Van

- 95.61 - 97.60 %
- 93.61 - 95.60 %
- 91.41 - 93.60 %
- 88.61 - 91.40 %
- 83.41 - 88.60 %
- 76.11 - 83.40 %
- 57.31 - 76.10 %
- < 57.3 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 3
C: 76.1%

CT 6
C: 86.4%

C: 94.3%

150

WALNUT ST

POPLAR ST

OAK ST

CRAWFORD ST

CT 105
C: 83.4%

CT 111.02
C: 57.3%

CT 111.01
C: 88.6%

FARRINGTON ST

COLLEGE AVE

CT 7
C: 93.6%

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT 18
C: 82.3%

CT 19
C: 93.1%

VOORHEES ST

CT 17
C: 90.4%

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT 104
C: 90.9%

70

JOHNSON DR

41

CT 107.04
C: 82.9%

CT 112.01
C: 88.2%

CT 107.03
C: 94.9%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT 112.02
C: 91.4%

Map Label Legend
CT = Census Tract
C = % Commute in Car, Truck or Van
Indiana: 85.40%
Vigo County: 89.40%

PROPEL US 41
Smarter Transportation. Stronger Communities.

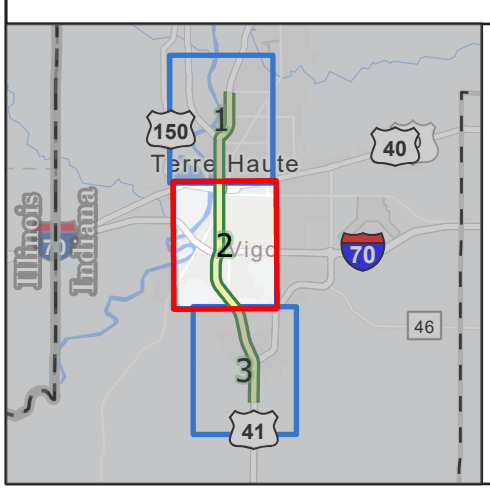
% Commute in Car, Truck or Van

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Commute in Car, Truck, or Van

95.61 - 97.60 %

93.61 - 95.60 %

91.41 - 93.60 %

88.61 - 91.40 %

83.41 - 88.60 %

76.11 - 83.40 %

57.31 - 76.10 %

< 57.3 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 112.01
C: 88.2%

CT 112.02
C: 91.4%

CT 107.03
C: 94.9%

CT 107.04
C: 82.9%

GILCHRIST DR

641

FAWN DR

CARLISLE ST

WOODSMALL DR

JESSICA DR

CT 107.02
C: 96.5%

DALLAS DR

CT 110
C: 90.9%

HARLAN DR

41

Map Label Legend
CT = Census Tract
C = % Commute in Car, Truck or Van
Indiana: 85.40%
Vigo County: 89.40%

PROPEL US 41
Smarter Transportation. Stronger Communities.

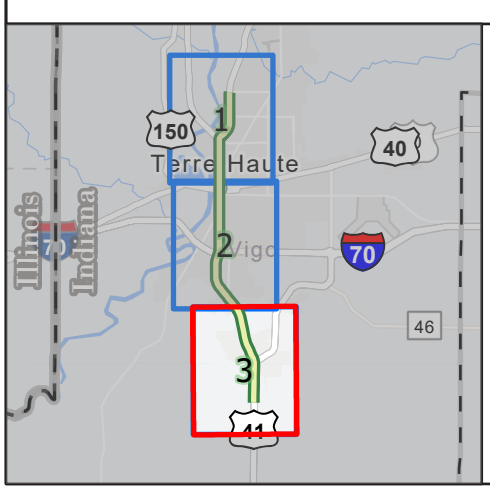
% Commute in Car, Truck or Van

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary
% Commute in Car, Truck, or Van
95.61 - 97.60 %
93.61 - 95.60 %
91.41 - 93.60 %
88.61 - 91.40 %
83.41 - 88.60 %
76.11 - 83.40 %
57.31 - 76.10 %
< 57.3 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Commute in Car, Truck or Van
Indiana	85.40%
Vigo County	89.40%
Census Tract #; County; State	% Commute in Car, Truck or Van Range (Min - 57.30 | Max - 97.60)
Census Tract 111.02; Vigo County; Indiana	57.3
Census Tract 4; Vigo County; Indiana	74.4
Census Tract 3; Vigo County; Indiana	76.1
Census Tract 11; Vigo County; Indiana	82.2
Census Tract 18; Vigo County; Indiana	82.3
Census Tract 107.04; Vigo County; Indiana	82.9
Census Tract 105; Vigo County; Indiana	83.4
Census Tract 6; Vigo County; Indiana	86.4
Census Tract 112.01; Vigo County; Indiana	88.2
Census Tract 111.01; Vigo County; Indiana	88.6
Census Tract 13; Vigo County; Indiana	89.9
Census Tract 103; Vigo County; Indiana	90
Census Tract 17; Vigo County; Indiana	90.4
Census Tract 104; Vigo County; Indiana	90.9
Census Tract 110; Vigo County; Indiana	90.9
Census Tract 112.02; Vigo County; Indiana	91.4
Census Tract 9; Vigo County; Indiana	92.2
Census Tract 19; Vigo County; Indiana	93.1
Census Tract 7; Vigo County; Indiana	93.6
Census Tract 5; Vigo County; Indiana	94.3
Census Tract 107.03; Vigo County; Indiana	94.9
Census Tract 10; Vigo County; Indiana	95.2
Census Tract 102.02; Vigo County; Indiana	95.6
Census Tract 107.02; Vigo County; Indiana	96.5
Census Tract 12; Vigo County; Indiana	97.6

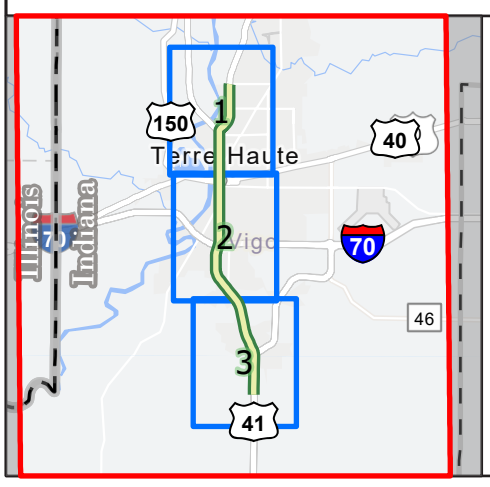
% Without Internet Subscription
Overview

PROPEL Smarter Transportation. Stronger Communities. US 41

N

0 1 2 Miles

Scale: 1:100,000



- Study Limits
- Study Area Boundary

% Without Internet Subscription

- 24.01 - 39.00 %
- 20.01 - 24.00 %
- 16.01 - 20.00 %
- 14.01 - 16.00 %
- 12.01 - 14.00 %
- 7.01 - 12.00 %
- 4.51 - 7.00 %
- 3.80 - 4.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 102.02
NI: 7%

CT 103
NI: 14.2%

CT 10
NI: 12.9%

CT 13
NI: 16.7%

CT 11
NI: 23.6%

CT 9
NI: 20.1%

CT 12
NI: 13.3%

CT 4
NI: 22.4%

CT 3
NI: 39%

CT 104
NI: 3.8%

CT 105
NI: 15.4%

CT 111.02
NI: 20.9%

CT 6
NI: 13.9%

CT 5
NI: 22.2%

41
63
150
HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
BUCKEYE ST
PEYTON ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

Map Label Legend
CT = Census Tract
NI = % Without Internet Subscription
Indiana: 10.00%
Vigo County: 13.70%

PROPEL US 41
Smarter Transportation. Stronger Communities.

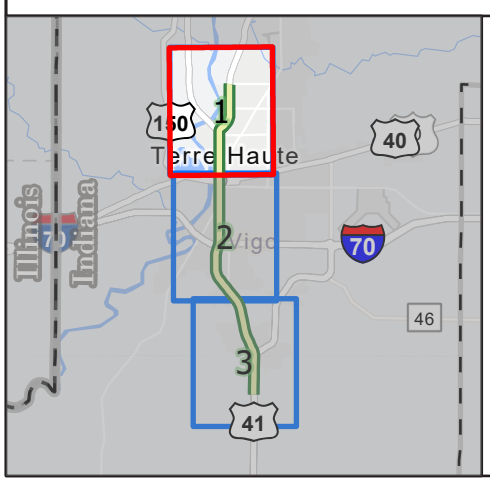
% Without Internet Subscription

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary
% Without Internet Subscription
24.01 - 39.00 %
20.01 - 24.00 %
16.01 - 20.00 %
14.01 - 16.00 %
12.01 - 14.00 %
7.01 - 12.00 %
4.51 - 7.00 %
3.80 - 4.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 3
NI: 39%

CT 5
NI: 22.2%

CT 6
NI: 13.9%

WALNUT ST

POPLAR ST

OAK ST

CRAWFORD ST

CT 105
NI: 15.4%

CT 111.02
NI: 20.9%

CT 111.01
NI: 15.7%

FARRINGTON ST

COLLEGE AVE

CT 7
NI: 16.6%

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT 18
NI: 15.9%

CT 17
NI: 13.8%

CT 19
NI: 22.5%

VOORHEES ST

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT 104
NI: 3.8%

JOHNSON DR

CT 107.04
NI: 7.1%

CT 112.01
NI: 4.5%

CT 107.03
NI: 11.5%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT 112.02
NI: 12.2%

Map Label Legend
CT = Census Tract
NI = % Without Internet Subscription
Indiana: 10.00%
Vigo County: 13.70%

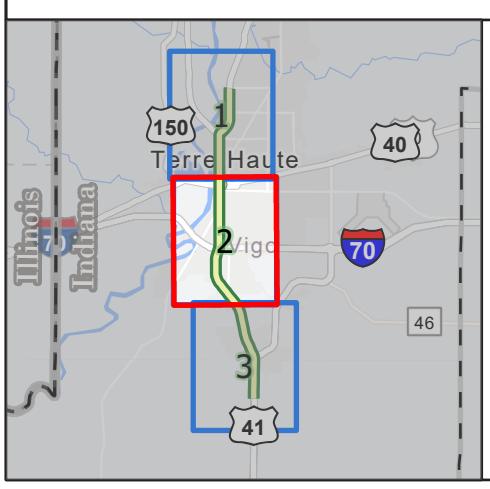
% Without Internet Subscription

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary

% Without Internet Subscription

- 24.01 - 39.00 %
- 20.01 - 24.00 %
- 16.01 - 20.00 %
- 14.01 - 16.00 %
- 12.01 - 14.00 %
- 7.01 - 12.00 %
- 4.51 - 7.00 %
- 3.80 - 4.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

CT 112.01
NI: 4.5%

CT 112.02
NI: 12.2%

CT 107.03
NI: 11.5%

CT 107.04
NI: 7.1%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
NI: 6.4%

DALLAS DR

CT 110
NI: 6.9%

HARLAN DR

41

Map Label Legend
CT = Census Tract
NI = % Without Internet Subscription
Indiana: 10.00%
Vigo County: 13.70%

PROPEL US 41
Smarter Transportation. Stronger Communities.

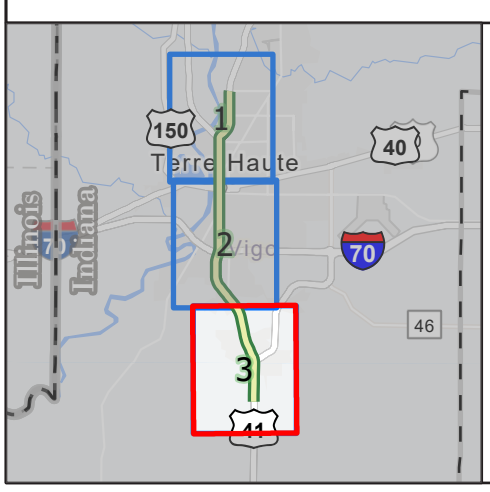
% Without Internet Subscription

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000

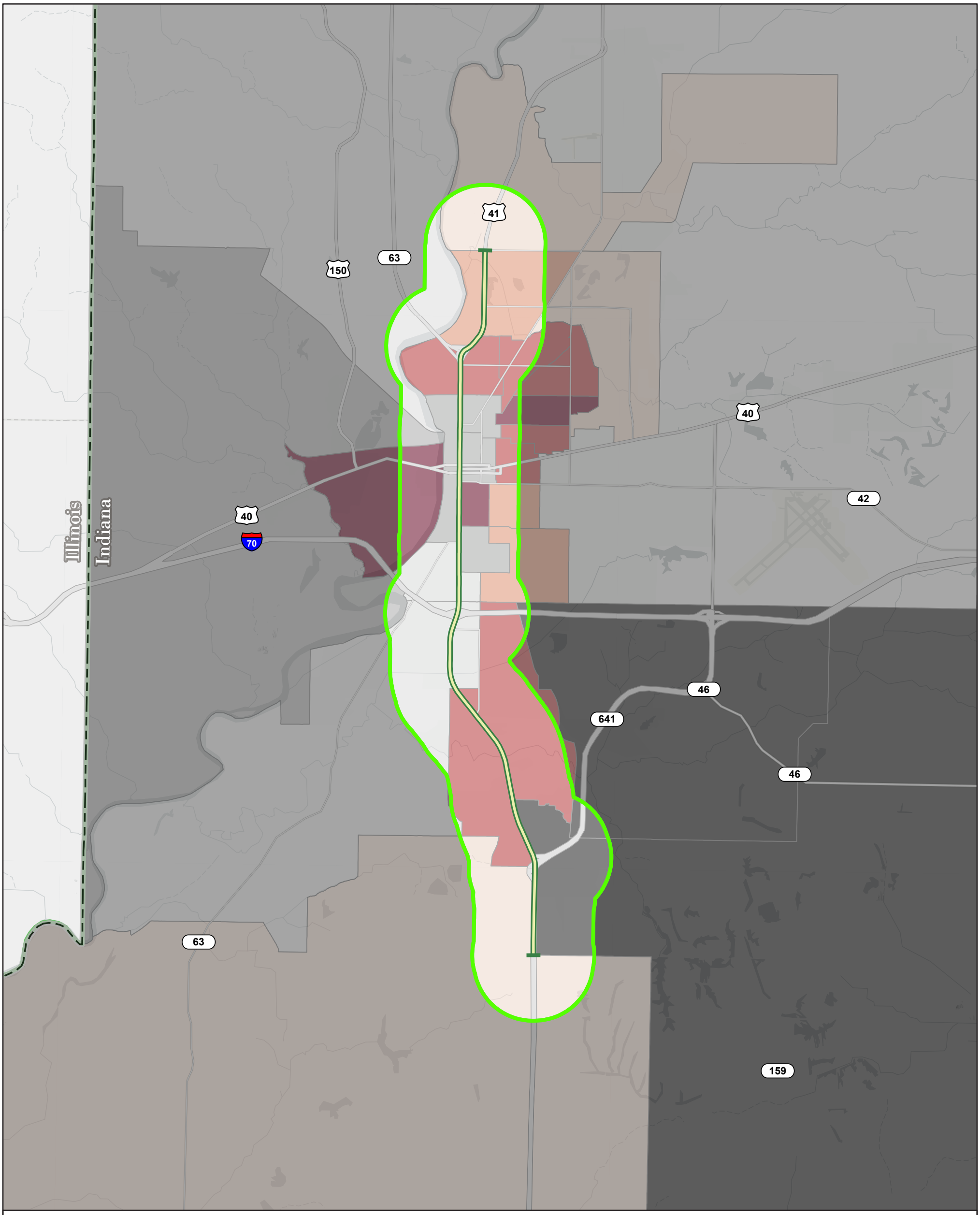


Study Limits
Study Area Boundary
% Without Internet Subscription
24.01 - 39.00 %
20.01 - 24.00 %
16.01 - 20.00 %
14.01 - 16.00 %
12.01 - 14.00 %
7.01 - 12.00 %
4.51 - 7.00 %
3.80 - 4.50 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2801)

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

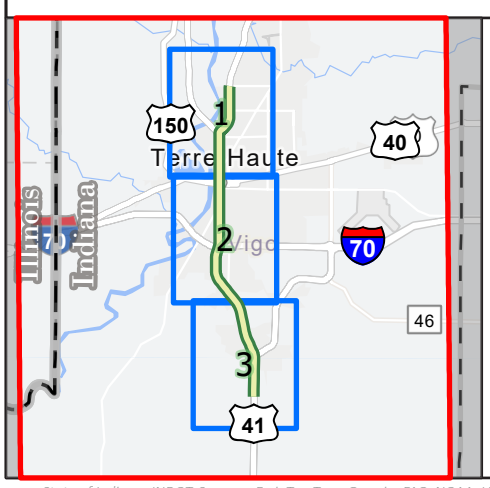
US Census Bureau ACS 5 Year Estimates, 2020-2024 (S2801)	% Without Internet Subscription
Indiana	**10.00%**
Vigo County	**13.70%**
Census Tract #; County; State	**% Without Internet Subscription Range (Min - 3.80 | Max - 39.00)**
Census Tract 104; Vigo County; Indiana	3.8
Census Tract 112.01; Vigo County; Indiana	4.5
Census Tract 107.02; Vigo County; Indiana	6.4
Census Tract 110; Vigo County; Indiana	6.9
Census Tract 102.02; Vigo County; Indiana	7
Census Tract 107.04; Vigo County; Indiana	7.1
Census Tract 107.03; Vigo County; Indiana	11.5
Census Tract 112.02; Vigo County; Indiana	12.2
Census Tract 10; Vigo County; Indiana	12.9
Census Tract 12; Vigo County; Indiana	13.3
Census Tract 17; Vigo County; Indiana	13.8
Census Tract 6; Vigo County; Indiana	13.9
Census Tract 103; Vigo County; Indiana	14.2
Census Tract 105; Vigo County; Indiana	15.4
Census Tract 111.01; Vigo County; Indiana	15.7
Census Tract 18; Vigo County; Indiana	15.9
Census Tract 7; Vigo County; Indiana	16.6
Census Tract 13; Vigo County; Indiana	16.7
Census Tract 9; Vigo County; Indiana	20.1
Census Tract 111.02; Vigo County; Indiana	20.9
Census Tract 5; Vigo County; Indiana	22.2
Census Tract 4; Vigo County; Indiana	22.4
Census Tract 19; Vigo County; Indiana	22.5
Census Tract 11; Vigo County; Indiana	23.6
Census Tract 3; Vigo County; Indiana	39



PROPEL
Smarter Transportation. Stronger Communities.
US 41

% Disabled
Overview

N
0 1 2 Miles
Scale: 1:100,000



- Study Limits
- Study Area Boundary
- % Disabled
  - 25.71 - 29.50 %
  - 23.01 - 25.70 %
  - 18.91 - 23.00 %
  - 17.81 - 18.90 %
  - 15.41 - 17.80 %
  - 13.41 - 15.40 %
  - 11.61 - 13.40 %
  - 10.00 - 11.60 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1810)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 102.02
D: 18.7%

41

HAYTHORNE AV

CT 103
D: 17.5%

63

CT 10
D: 21.3%

CT 13
D: 18.9%

FORT HARRISON RD

FLORIDA AVE

150

CT 11
D: 24.7%

CT 9
D: 25.7%

MAPLE AV

LINDEN ST

PEYTON ST

BUCKEYE ST

CT 12
D: 25.7%

MAIDEN LN

HANCOCK ST

8TH AVE

CT 4
D: 29.4%

CT 3
D: 14.6%

CT 104
D: 15.4%

2ND AVE

LOCUST ST

CT 5
D: 24.3%

Map Label Legend
CT = Census Tract
D = % Disabled
Indiana: 14.20%
Vigo County: 18.50%

SYCAMORE ST

CT 111.02
D: 15.1%

CT 6
D: 24%

150

CT 105
D: 27.3%

CHESTNUT ST

PROPEL
Smarter Transportation. Stronger Communities.
US 41

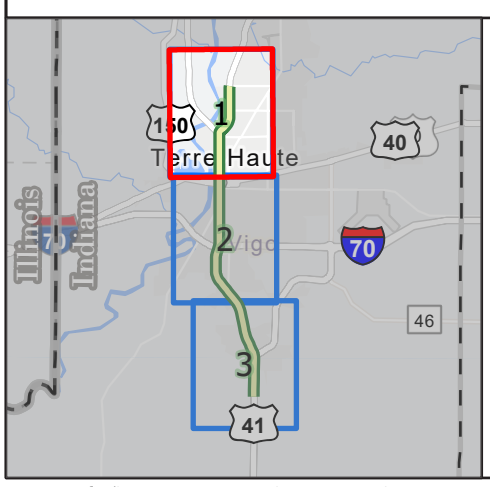
% Disabled

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Disabled

25.71 - 29.50 %

23.01 - 25.70 %

18.91 - 23.00 %

17.81 - 18.90 %

15.41 - 17.80 %

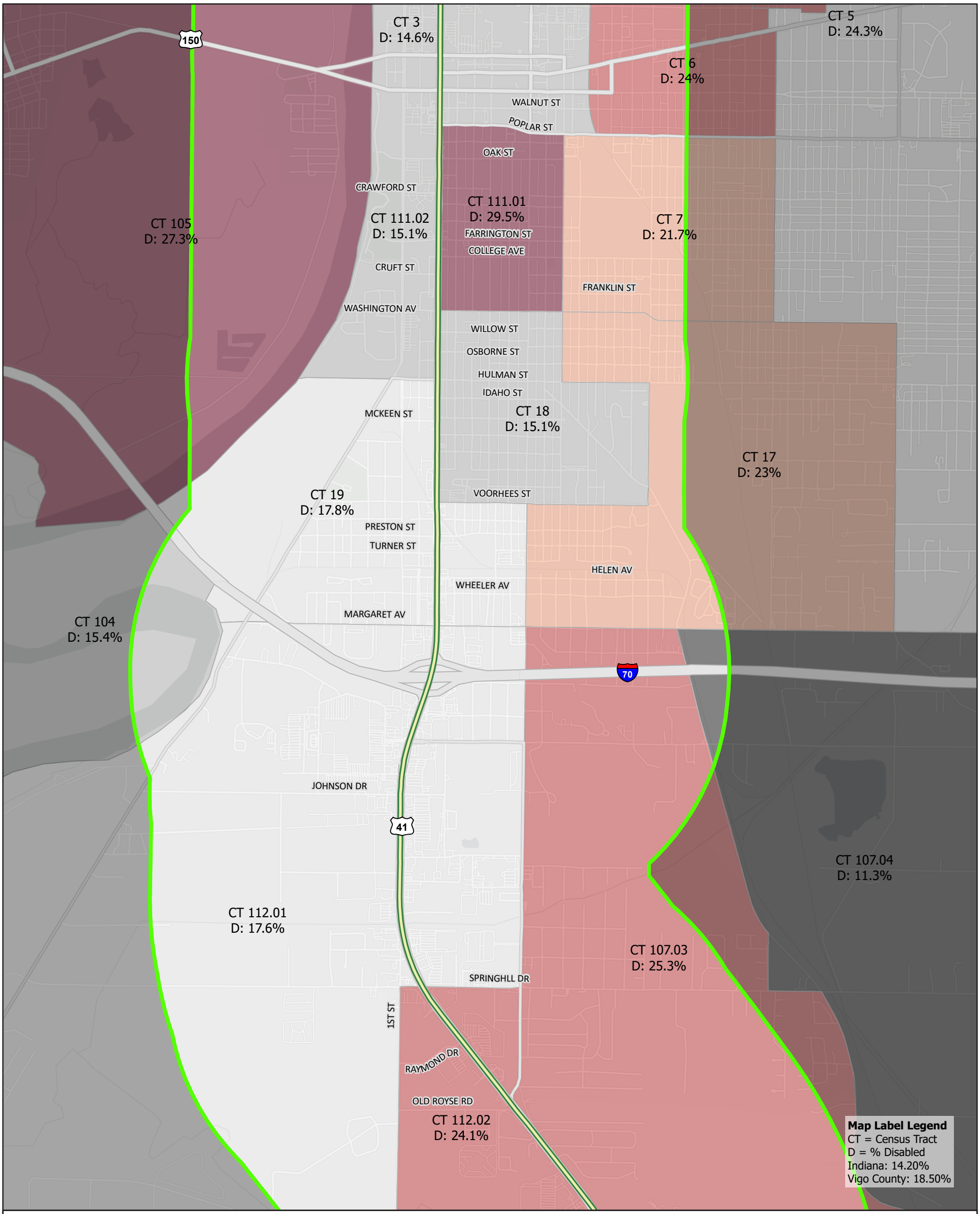
13.41 - 15.40 %

11.61 - 13.40 %

10.00 - 11.60 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1810)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



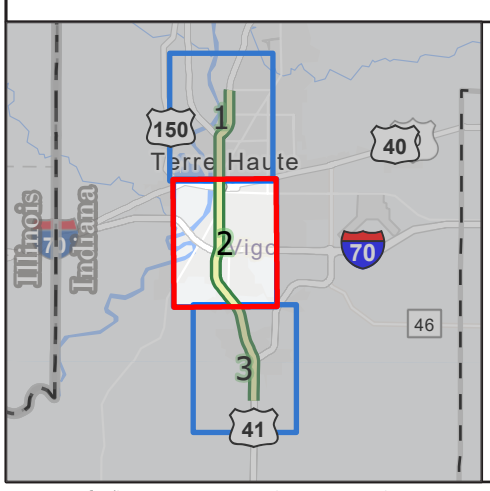
% Disabled

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary

% Disabled

- 25.71 - 29.50 %
- 23.01 - 25.70 %
- 18.91 - 23.00 %
- 17.81 - 18.90 %
- 15.41 - 17.80 %
- 13.41 - 15.40 %
- 11.61 - 13.40 %
- 10.00 - 11.60 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1810)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 112.01
D: 17.6%

CT 112.02
D: 24.1%

CT 107.03
D: 25.3%

CT 107.04
D: 11.3%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
D: 11.6%

DALLAS DR

CT 110
D: 18.7%

HARLAN DR

41

Map Label Legend
CT = Census Tract
D = % Disabled
Indiana: 14.20%
Vigo County: 18.50%

PROPEL US 41
Smarter Transportation. Stronger Communities.

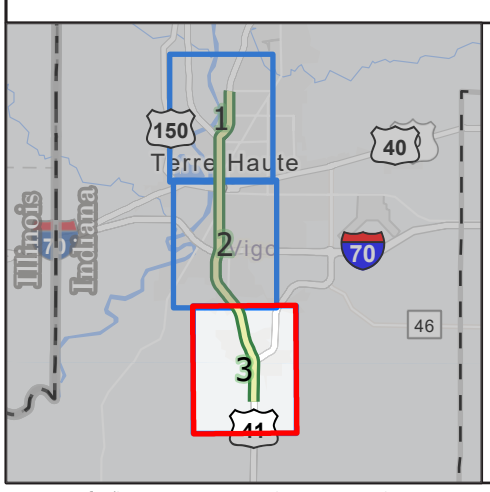
% Disabled

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Disabled
25.71 - 29.50 %
23.01 - 25.70 %
18.91 - 23.00 %
17.81 - 18.90 %
15.41 - 17.80 %
13.41 - 15.40 %
11.61 - 13.40 %
10.00 - 11.60 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S1810)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (S1810)	% Disabled
Indiana	14.20%
Vigo County	18.50%
Block Group #; Census Tract #; County; State	% Disabled Range (Min - 11.3 | Max - 29.5)
Census Tract 107.04; Vigo County; Indiana	11.3
Census Tract 107.02; Vigo County; Indiana	11.6
Census Tract 3; Vigo County; Indiana	14.6
Census Tract 18; Vigo County; Indiana	15.1
Census Tract 111.02; Vigo County; Indiana	15.1
Census Tract 104; Vigo County; Indiana	15.4
Census Tract 103; Vigo County; Indiana	17.5
Census Tract 112.01; Vigo County; Indiana	17.6
Census Tract 19; Vigo County; Indiana	17.8
Census Tract 102.02; Vigo County; Indiana	18.7
Census Tract 110; Vigo County; Indiana	18.7
Census Tract 13; Vigo County; Indiana	18.9
Census Tract 10; Vigo County; Indiana	21.3
Census Tract 7; Vigo County; Indiana	21.7
Census Tract 17; Vigo County; Indiana	23
Census Tract 6; Vigo County; Indiana	24
Census Tract 112.02; Vigo County; Indiana	24.1
Census Tract 5; Vigo County; Indiana	24.3
Census Tract 11; Vigo County; Indiana	24.7
Census Tract 107.03; Vigo County; Indiana	25.3
Census Tract 9; Vigo County; Indiana	25.7
Census Tract 12; Vigo County; Indiana	25.7
Census Tract 105; Vigo County; Indiana	27.3
Census Tract 4; Vigo County; Indiana	29.4
Census Tract 111.01; Vigo County; Indiana	29.5

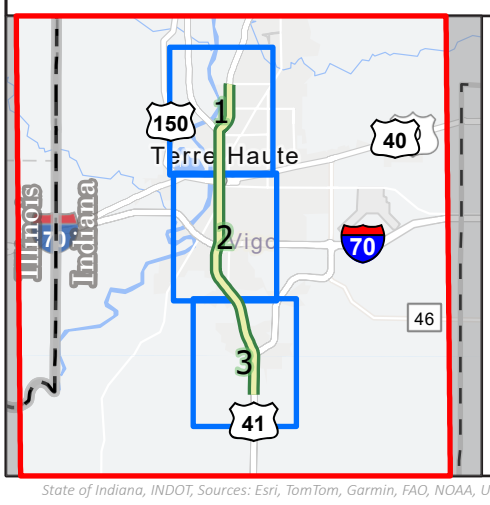
% Population Younger than 18 Years Old
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

Percent Population Under 18 Years

- 0.00 - 0.40 %
- 0.41 - 12.20 %
- 12.21 - 17.60 %
- 17.61 - 20.10 %
- 20.11 - 20.80 %
- 20.81 - 23.10 %
- 23.11 - 25.50 %
- 25.51 - 26.70 %
- 26.71 - 27.90 %
- 27.91 - 35.80 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 102.02
<18 yrs: 20.7%

CT 103
<18 yrs: 17.6%

CT 10
<18 yrs: 23.1%

CT 13
<18 yrs: 20.1%

CT 11
<18 yrs: 24.3%

CT 9
<18 yrs: 26.2%

CT 12
<18 yrs: 12.2%

CT 4
<18 yrs: 27.9%

CT 3
<18 yrs: 7.6%

CT 104
<18 yrs: 32.6%

CT 111.02
<18 yrs: 0.4%

CT 6
<18 yrs: 26.7%

CT 5
<18 yrs: 17.8%

CT 105
<18 yrs: 26.2%

41
63
150
HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
BUCKEYE ST
PEYTON ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

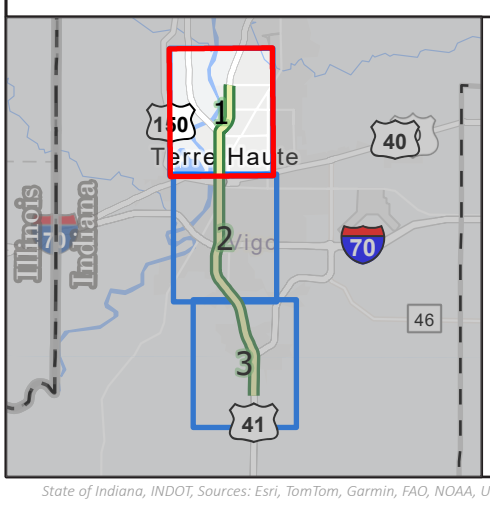
Map Label Legend
CT = Census Tract
<18 yrs = % Population Younger than 18 Years Old
Indiana: 23.30%
Vigo County: 20.50%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Population Younger than 18 Years Old

Series Page 1 of 3

N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary
% Population Younger than 18 Years Old
0.00 - 0.40 %
0.41 - 12.20 %
12.21 - 17.60 %
17.61 - 20.10 %
20.11 - 20.80 %
20.81 - 23.10 %
23.11 - 25.50 %
25.51 - 26.70 %
26.71 - 27.90 %
27.91 - 35.80 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 3
<18 yrs: 7.6%

CT 111.02
<18 yrs: 0.4%

CT 6
<18 yrs: 26.7%

CT 5
<18 yrs: 17.1%

150

WALNUT ST

POPLAR ST

OAK ST

CRAWFORD ST

CT 111.01
<18 yrs: 11.2%

CT 105
<18 yrs: 26.2%

FARRINGTON ST

COLLEGE AVE

CT 7
<18 yrs: 24.9%

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT 18
<18 yrs: 34.3%

CT 19
<18 yrs: 35.8%

VOORHEES ST

CT 17
<18 yrs: 20.3%

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT 104
<18 yrs: 32.6%

70

JOHNSON DR

41

CT 107.04
<18 yrs: 25.5%

CT 112.01
<18 yrs: 10.8%

CT 107.03
<18 yrs: 19.5%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT 112.02
<18 yrs: 20.8%

Map Label Legend
CT = Census Tract
<18 yrs = % Population Younger than 18 Years Old
Indiana: 23.30%
Vigo County: 20.50%

PROPEL US 41
Smarter Transportation. Stronger Communities.

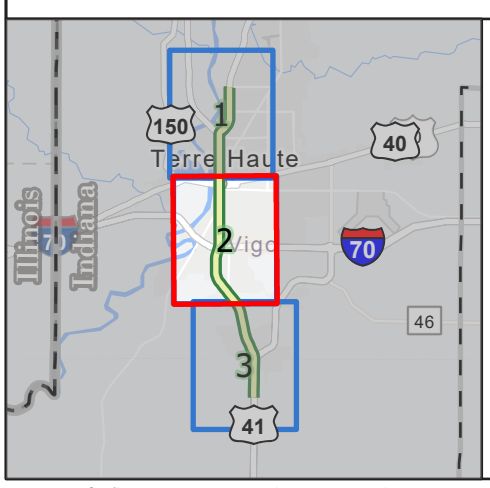
% Population Younger than 18 Years Old

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Population Younger than 18 Years Old

0.00 - 0.40 %
0.41 - 12.20 %
12.21 - 17.60 %
17.61 - 20.10 %
20.11 - 20.80 %
20.81 - 23.10 %
23.11 - 25.50 %
25.51 - 26.70 %
26.71 - 27.90 %
27.91 - 35.80 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 112.01
<18 yrs: 10.8%

CT 112.02
<18 yrs: 20.8%

CT 107.03
<18 yrs: 19.5%

CT 107.04
<18 yrs: 25.5%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
<18 yrs: 25.2%

DALLAS DR

CT 110
<18 yrs: 22.3%

HARLAN DR

41

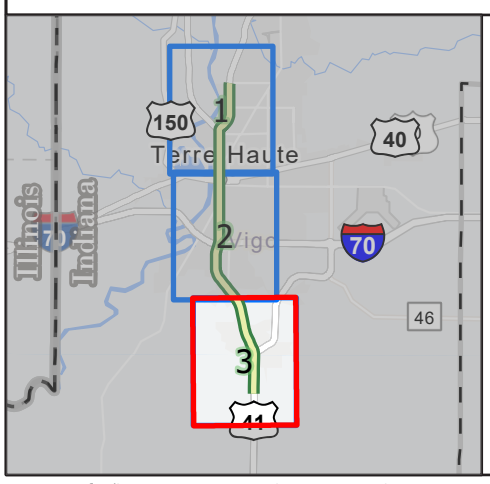
Map Label Legend
CT = Census Tract
<18 yrs = % Population Younger than 18 Years Old
Indiana: 23.30%
Vigo County: 20.50%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Population Younger than 18 Years Old

Series Page 3 of 3

N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary
% Population Younger than 18 Years Old
0.00 - 0.40 %
0.41 - 12.20 %
12.21 - 17.60 %
17.61 - 20.10 %
20.11 - 20.80 %
20.81 - 23.10 %
23.11 - 25.50 %
25.51 - 26.70 %
26.71 - 27.90 %
27.91 - 35.80 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (S0101)	% Population Younger than 18 Years Old
Indiana	23.30%
Vigo County	20.50%
Census Tract #; County; State	% Population Younger than 18 Years Old Range (Min - 0.40 | Max - 35.80)
Census Tract 111.02; Vigo County; Indiana	0.40
Census Tract 3; Vigo County; Indiana	7.60
Census Tract 112.01; Vigo County; Indiana	10.80
Census Tract 111.01; Vigo County; Indiana	11.20
Census Tract 12; Vigo County; Indiana	12.20
Census Tract 5; Vigo County; Indiana	17.10
Census Tract 103; Vigo County; Indiana	17.60
Census Tract 107.03; Vigo County; Indiana	19.50
Census Tract 13; Vigo County; Indiana	20.10
Census Tract 17; Vigo County; Indiana	20.30
Census Tract 102.02; Vigo County; Indiana	20.70
Census Tract 112.02; Vigo County; Indiana	20.80
Census Tract 110; Vigo County; Indiana	22.30
Census Tract 10; Vigo County; Indiana	23.10
Census Tract 11; Vigo County; Indiana	24.30
Census Tract 7; Vigo County; Indiana	24.90
Census Tract 107.02; Vigo County; Indiana	25.20
Census Tract 107.04; Vigo County; Indiana	25.50
Census Tract 9; Vigo County; Indiana	26.20
Census Tract 105; Vigo County; Indiana	26.20
Census Tract 6; Vigo County; Indiana	26.70
Census Tract 4; Vigo County; Indiana	27.90
Census Tract 104; Vigo County; Indiana	32.60
Census Tract 18; Vigo County; Indiana	34.30
Census Tract 19; Vigo County; Indiana	35.80

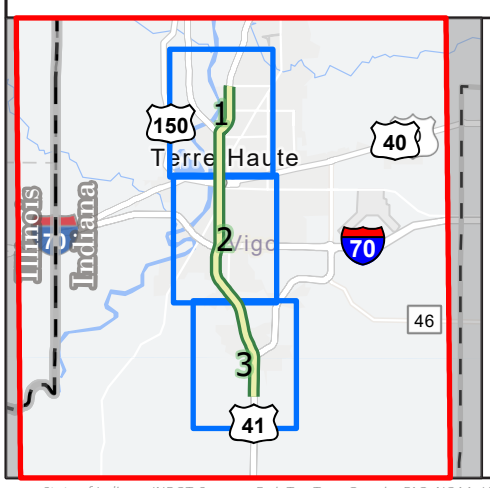
% Population Older than 65 Years Old
Overview

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

% Population Older than 65 Years Old

- 0.00 - 2.80 %
- 2.81 - 9.30 %
- 9.31 - 11.70 %
- 11.71 - 13.40 %
- 13.41 - 15.20 %
- 15.21 - 16.20 %
- 16.21 - 18.40 %
- 18.41 - 21.30 %
- 21.31 - 24.80 %
- 24.81 - 29.70 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 102.02
>65 yrs: 16.2%

41

HAYTHORNE AV

CT 103
>65 yrs: 24.8%

63

CT 10
>65 yrs: 24%

FORT HARRISON RD

CT 13
>65 yrs: 19.9%

FLORIDA AVE

150

CT 11
>65 yrs: 13.2%

CT 9
>65 yrs: 17.2%

MAPLE AV

LINDEN ST

PEYTON ST

BUCKEYE ST

MAIDEN LN

HANCOCK ST

8TH AVE

CT 12
>65 yrs: 21.3%

CT 4
>65 yrs: 16.8%

CT 104
>65 yrs: 14.3%

2ND AVE

CT 3
>65 yrs: 10.6%

LOCUST ST

CT 5
>65 yrs: 13.1%

SYCAMORE ST

CT 111.02
>65 yrs: 2.8%

CT 6
>65 yrs: 8.8%

150

CT 105
>65 yrs: 15.9%

CHESTNUT ST

Map Label Legend
CT = Census Tract
>65 yrs = % Population Older than 65 Years Old
Indiana: 16.80%
Vigo County: 17.40%

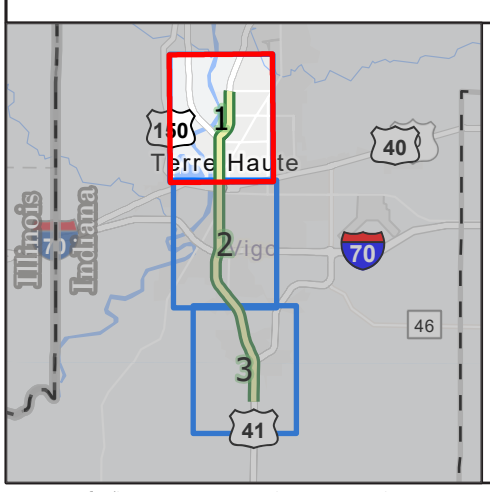
% Population Older than 65 Years Old

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary

% Population Older than 65 Years Old

- 0.00 - 2.80 %
- 2.81 - 9.30 %
- 9.31 - 11.70 %
- 11.71 - 13.40 %
- 13.41 - 15.20 %
- 15.21 - 16.20 %
- 16.21 - 18.40 %
- 18.41 - 21.30 %
- 21.31 - 24.80 %
- 24.81 - 29.70 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 3
>65 yrs: 10.6%

CT 111.02
>65 yrs: 2.8%

CT 6
>65 yrs: 8.8%

CT 5
>65 yrs: 13.1%

CT 105
>65 yrs: 15.9%

CT 111.01
>65 yrs: 13.4%

CT 7
>65 yrs: 12.4%

CT 18
>65 yrs: 9.3%

CT 19
>65 yrs: 14.2%

CT 17
>65 yrs: 19.6%

CT 104
>65 yrs: 14.3%

CT 112.01
>65 yrs: 11.7%

CT 107.04
>65 yrs: 18.4%

CT 107.03
>65 yrs: 20.9%

CT 112.02
>65 yrs: 15.1%

150 · 41 · 70

WALNUT ST · POPLAR ST · OAK ST · CRAWFORD ST · FARRINGTON ST · COLLEGE AVE · CRUFT ST · FRANKLIN ST · WASHINGTON AV · WILLOW ST · OSBORNE ST · HULMAN ST · IDAHO ST · MCKEEN ST · VOORHEES ST · PRESTON ST · TURNER ST · HELEN AV · WHEELER AV · MARGARET AV · JOHNSON DR · SPRINGHLL DR · 1ST ST · RAYMOND DR · OLD ROYSE RD

Map Label Legend
CT = Census Tract
>65 yrs = % Population Older than 65 Years Old
Indiana: 16.80%
Vigo County: 17.40%

PROPEL US 41
Smarter Transportation. Stronger Communities.

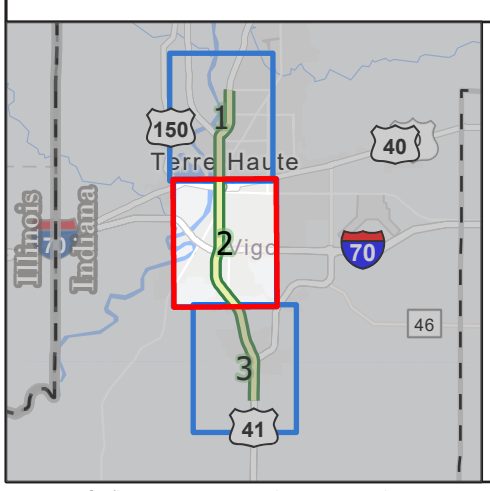
% Population Older than 65 Years Old

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary
% Population Older than 65 Years Old
0.00 - 2.80 %
2.81 - 9.30 %
9.31 - 11.70 %
11.71 - 13.40 %
13.41 - 15.20 %
15.21 - 16.20 %
16.21 - 18.40 %
18.41 - 21.30 %
21.31 - 24.80 %
24.81 - 29.70 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 112.01
>65 yrs: 11.7%

CT 112.02
>65 yrs: 15.1%

CT 107.03
>65 yrs: 20.9%

CT 107.04
>65 yrs: 18.4%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
>65 yrs: 15.2%

DALLAS DR

CT 110
>65 yrs: 29.7%

HARLAN DR

41

Map Label Legend
CT = Census Tract
>65 yrs = % Population Older than 65 Years Old
Indiana: 16.80%
Vigo County: 17.40%

PROPEL US 41
Smarter Transportation. Stronger Communities.

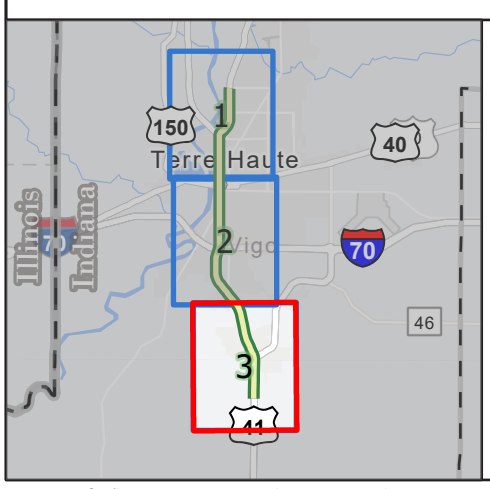
% Population Older than 65 Years Old

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Population Older than 65 Years Old

0.00 - 2.80 %
2.81 - 9.30 %
9.31 - 11.70 %
11.71 - 13.40 %
13.41 - 15.20 %
15.21 - 16.20 %
16.21 - 18.40 %
18.41 - 21.30 %
21.31 - 24.80 %
24.81 - 29.70 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S0101)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Population 65 Years and Older
Indiana	16.80%
Vigo County	17.40%
Census Tract #; County; State	% Population 65 Years and Older Range (Min - 0.00 | Max - 13.93)
Census Tract 111.02; Vigo County; Indiana	2.80
Census Tract 6; Vigo County; Indiana	8.80
Census Tract 18; Vigo County; Indiana	9.30
Census Tract 3; Vigo County; Indiana	10.60
Census Tract 112.01; Vigo County; Indiana	11.70
Census Tract 7; Vigo County; Indiana	12.40
Census Tract 5; Vigo County; Indiana	13.10
Census Tract 11; Vigo County; Indiana	13.20
Census Tract 111.01; Vigo County; Indiana	13.40
Census Tract 19; Vigo County; Indiana	14.20
Census Tract 104; Vigo County; Indiana	14.30
Census Tract 112.02; Vigo County; Indiana	15.10
Census Tract 107.02; Vigo County; Indiana	15.20
Census Tract 105; Vigo County; Indiana	15.90
Census Tract 102.02; Vigo County; Indiana	16.20
Census Tract 4; Vigo County; Indiana	16.80
Census Tract 9; Vigo County; Indiana	17.20
Census Tract 107.04; Vigo County; Indiana	18.40
Census Tract 17; Vigo County; Indiana	19.60
Census Tract 13; Vigo County; Indiana	19.90
Census Tract 107.03; Vigo County; Indiana	20.90
Census Tract 12; Vigo County; Indiana	21.30
Census Tract 10; Vigo County; Indiana	24.00
Census Tract 103; Vigo County; Indiana	24.80
Census Tract 110; Vigo County; Indiana	29.70

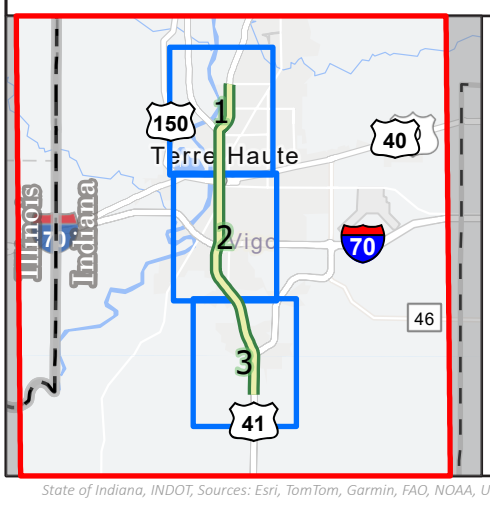
% Unemployed 16 Years and Older
Overview

PROPEL Smarter Transportation. Stronger Communities. US 41

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

% Unemployed 16 Years and Older

- > 10 - 20 %
- > 5 - 10 %
- > 0 - 5 %
- 0%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2301)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 102.02
U: 4.6%

CT 103
U: 4.7%

CT 10
U: 3.6%

CT 13
U: 1.3%

CT 11
U: 13.9%

CT 9
U: 7.6%

CT 12
U: 16.6%

CT 4
U: 7.5%

CT 104
U: 3.6%

CT 3
U: 9.5%

CT 111.02
U: 0.4%

CT 6
U: 10.5%

CT 105
U: 10.4%

HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
PEYTON ST
BUCKEYE ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

41
63
150
150

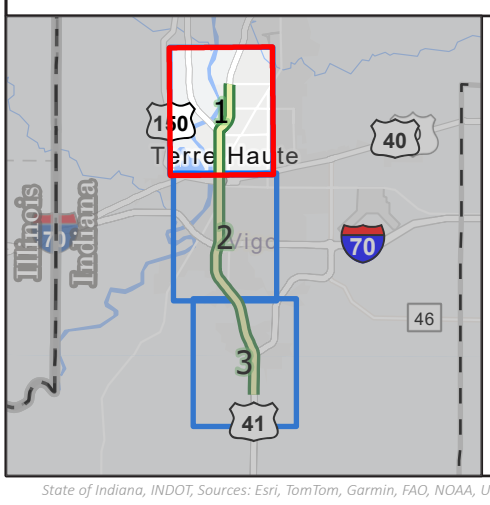
Map Label Legend
CT = Census Tract
U = % Unemployed 16 Years and Older
Indiana: 4.30%
Vigo County: 5.70%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Unemployed 16 Years and Older

Series Page 1 of 3

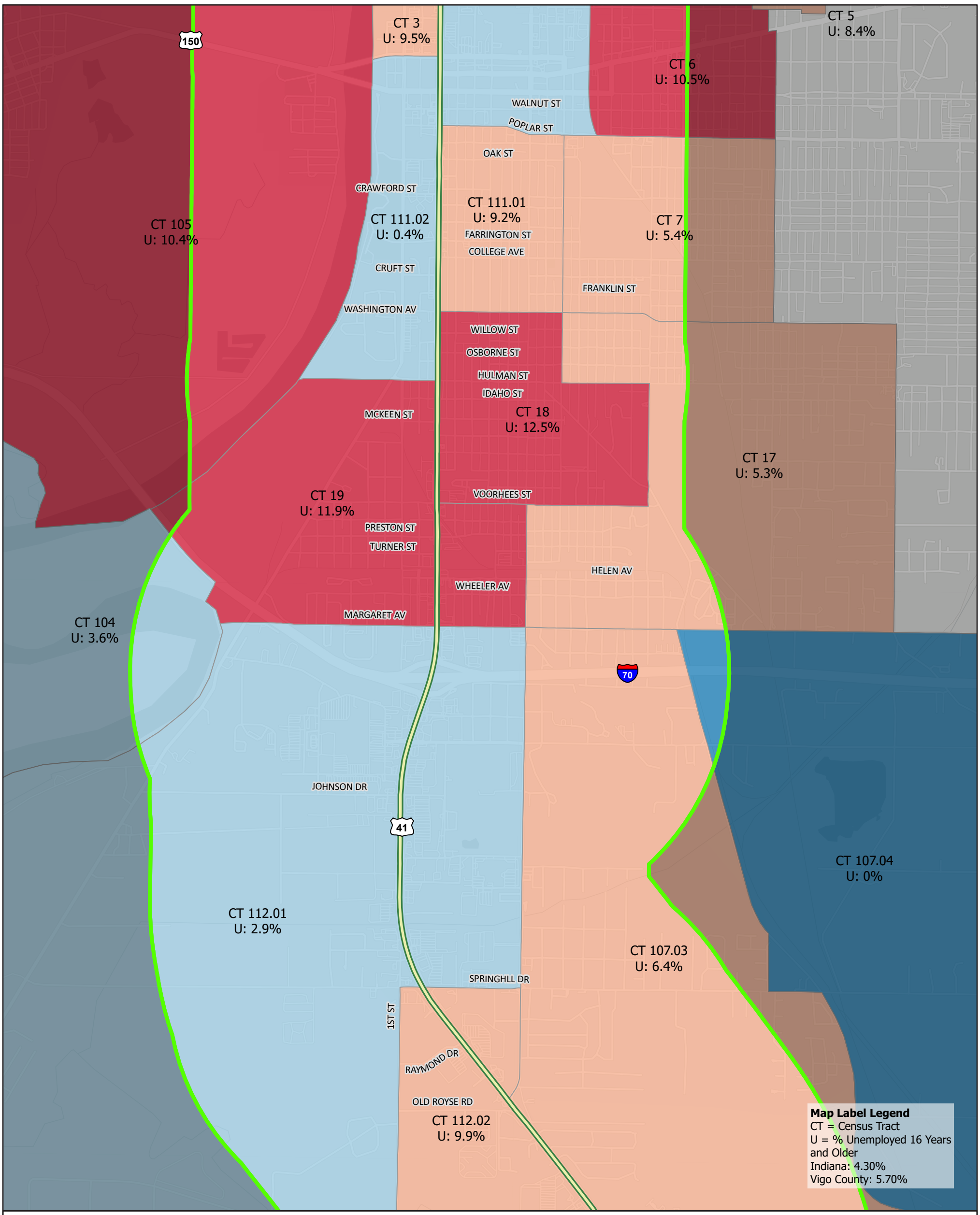
N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary
% Unemployed 16 Years and Older
> 10 - 20 %
> 5 - 10 %
> 0 - 5 %
0%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2301)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



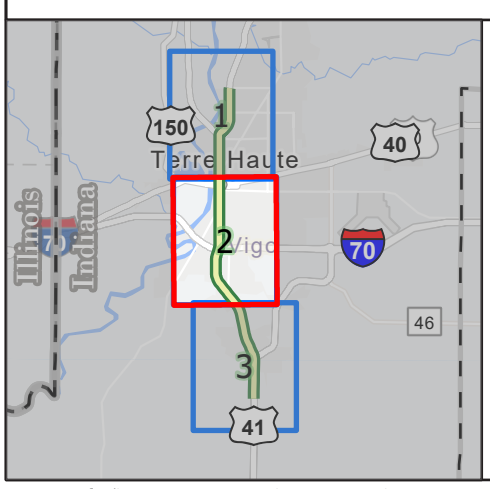
% Unemployed 16 Years and Older

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Unemployed 16 Years and Older

- > 10 - 20 %
- > 5 - 10 %
- > 0 - 5 %
- 0%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2301)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT 112.01
U: 2.9%

CT 112.02
U: 9.9%

CT 107.03
U: 6.4%

CT 107.04
U: 0%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT 107.02
U: 3%

DALLAS DR

CT 110
U: 6.9%

HARLAN DR

41

Map Label Legend
CT = Census Tract
U = % Unemployed 16 Years and Older
Indiana: 4.30%
Vigo County: 5.70%

PROPEL US 41
Smarter Transportation. Stronger Communities.

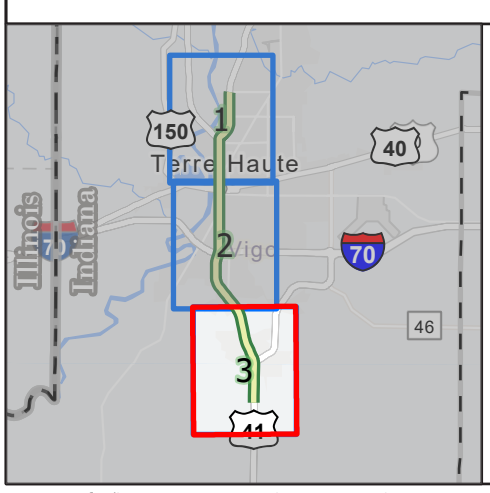
% Unemployed 16 Years and Older

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Unemployed 16 Years and Older

- > 10 - 20 %
- > 5 - 10 %
- > 0 - 5 %
- 0%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (S2301)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B02001)	% Unemployed 16 Years and Older
Indiana	4.30%
Vigo County	5.70%
Census Tract #; County; State	% Unemployed 16 Years and Older Range (Min - 0.00 | Max - 16.60)
Census Tract 107.04; Vigo County; Indiana	0
Census Tract 111.02; Vigo County; Indiana	0.4
Census Tract 13; Vigo County; Indiana	1.3
Census Tract 112.01; Vigo County; Indiana	2.9
Census Tract 107.02; Vigo County; Indiana	3
Census Tract 10; Vigo County; Indiana	3.6
Census Tract 104; Vigo County; Indiana	3.6
Census Tract 102.02; Vigo County; Indiana	4.6
Census Tract 103; Vigo County; Indiana	4.7
Census Tract 17; Vigo County; Indiana	5.3
Census Tract 7; Vigo County; Indiana	5.4
Census Tract 107.03; Vigo County; Indiana	6.4
Census Tract 110; Vigo County; Indiana	6.9
Census Tract 4; Vigo County; Indiana	7.5
Census Tract 9; Vigo County; Indiana	7.6
Census Tract 5; Vigo County; Indiana	8.4
Census Tract 111.01; Vigo County; Indiana	9.2
Census Tract 3; Vigo County; Indiana	9.5
Census Tract 112.02; Vigo County; Indiana	9.9
Census Tract 105; Vigo County; Indiana	10.4
Census Tract 6; Vigo County; Indiana	10.5
Census Tract 19; Vigo County; Indiana	11.9
Census Tract 18; Vigo County; Indiana	12.5
Census Tract 11; Vigo County; Indiana	13.9
Census Tract 12; Vigo County; Indiana	16.6

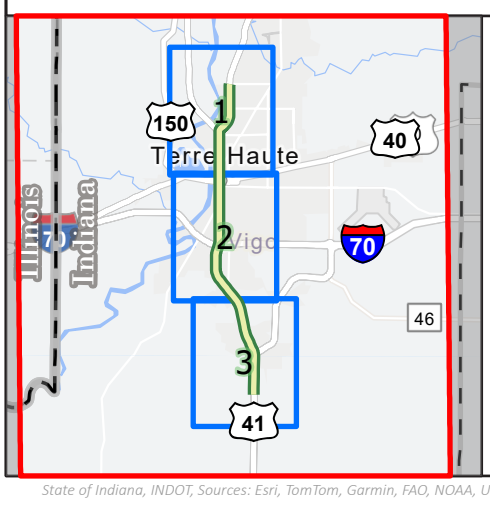
% Family Households
Overview

PROPEL Smarter Transportation. Stronger Communities. US 41

N

0 1 2 Miles

Scale: 1:100,000



Study Limits

Study Area Boundary

% Family Households

17.00 - 30.00 %

30.01 - 46.00 %

46.01 - 53.00 %

53.01 - 57.00 %

57.01 - 60.00 %

60.01 - 67.00 %

67.01 - 71.00 %

71.01 - 78.00 %

Map Label Legend
CT = Census Tract
FH = % Family Households
Indiana: 63.70%
Vigo County: 56.12%

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B11001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 102.02
FH: 65.62%

CT: 103
FH: 71.15%

CT: 10
FH: 63.81%

CT: 13
FH: 48.46%

CT: 11
FH: 53.4%

CT: 9
FH: 50.99%

CT: 12
FH: 58.92%

CT: 4
FH: 54.43%

CT: 3
FH: 17.91%

CT: 104
FH: 77.63%

CT: 5
FH: 36.48%

CT: 111.02
FH: 23.67%

CT: 6
FH: 59.88%

CT: 105
FH: 70.32%

41
63
150
40
70
46

HAYTHORNE AV
FORT HARRISON RD
FLORIDA AVE
MAPLE AV
LINDEN ST
BUCKEYE ST
PEYTON ST
MAIDEN LN
HANCOCK ST
8TH AVE
2ND AVE
LOCUST ST
SYCAMORE ST
CHESTNUT ST

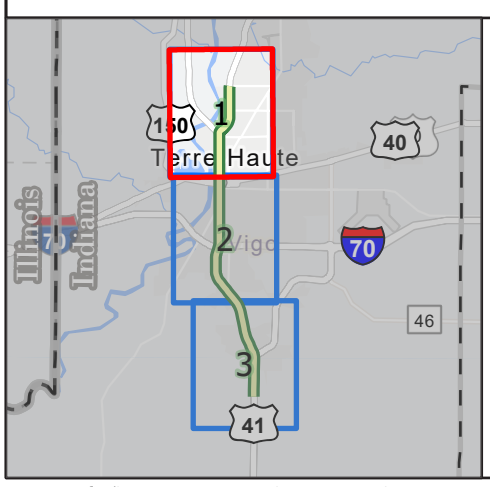
Map Label Legend
CT = Census Tract
FH = % Family Households
Indiana: 63.70%
Vigo County: 56.12%

PROPEL US 41
Smarter Transportation. Stronger Communities.

% Family Households

Series Page 1 of 3

N
0 0.25 0.5 Miles
Scale: 1:24,000



Study Limits
Study Area Boundary
% Family Households
17.00 - 30.00 %
30.01 - 46.00 %
46.01 - 53.00 %
53.01 - 57.00 %
57.01 - 60.00 %
60.01 - 67.00 %
67.01 - 71.00 %
71.01 - 78.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B11001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 3
FH: 17.91%

CT: 5
FH: 36.48%

CT: 6
FH: 59.88%

WALNUT ST

POPLAR ST

OAK ST

CRAWFORD ST

CT: 111.01
FH: 30.3%

CT: 105
FH: 70.32%

CT: 111.02
FH: 23.67%

FARRINGTON ST

COLLEGE AVE

CT: 7
FH: 53.46%

CRUFT ST

FRANKLIN ST

WASHINGTON AV

WILLOW ST

OSBORNE ST

HULMAN ST

IDAHO ST

MCKEEN ST

CT: 18
FH: 45.81%

CT: 17
FH: 58.54%

CT: 19
FH: 68.6%

VOORHEES ST

PRESTON ST

TURNER ST

HELEN AV

WHEELER AV

MARGARET AV

CT: 104
FH: 77.63%

JOHNSON DR

CT: 107.04
FH: 76.88%

CT: 112.01
FH: 66.77%

CT: 107.03
FH: 46.04%

SPRINGHLL DR

1ST ST

RAYMOND DR

OLD ROYSE RD

CT: 112.02
FH: 43.24%

Map Label Legend
CT = Census Tract
FH = % Family Households
Indiana: 63.70%
Vigo County: 56.12%

PROPEL US 41
Smarter Transportation. Stronger Communities.

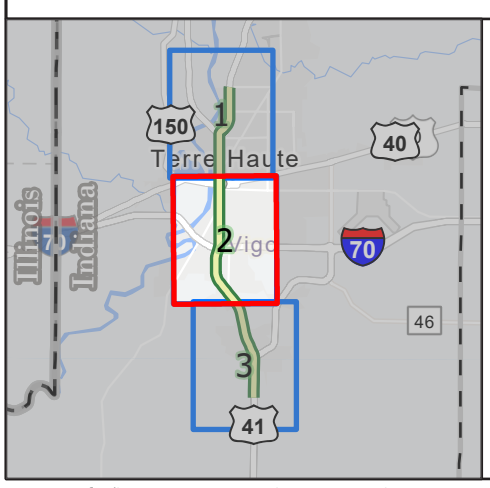
% Family Households

Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

% Family Households

17.00 - 30.00 %

30.01 - 46.00 %

46.01 - 53.00 %

53.01 - 57.00 %

57.01 - 60.00 %

60.01 - 67.00 %

67.01 - 71.00 %

71.01 - 78.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B11001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CT: 112.01
FH: 66.77%

CT: 112.02
FH: 43.24%

CT: 107.03
FH: 46.04%

CT: 107.04
FH: 76.88%

GILCHRIST DR

641

CARLISLE ST

FAWN DR

WOODSMALL DR

JESSICA DR

CT: 107.02
FH: 65.83%

DALLAS DR

CT: 110
FH: 56.61%

HARLAN DR

41

Map Label Legend
CT = Census Tract
FH = % Family Households
Indiana: 63.70%
Vigo County: 56.12%

PROPEL US 41
Smarter Transportation. Stronger Communities.

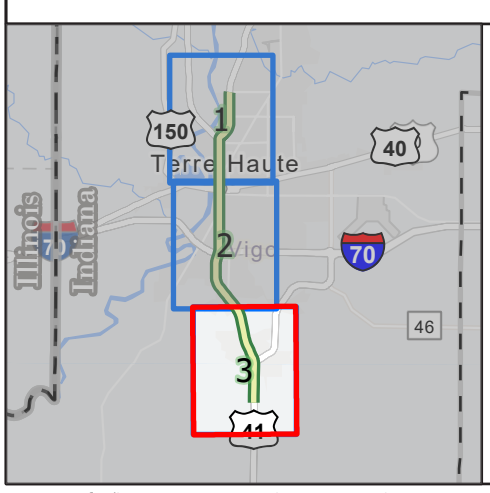
% Family Households

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits
Study Area Boundary

% Family Households

17.00 - 30.00 %
30.01 - 46.00 %
46.01 - 53.00 %
53.01 - 57.00 %
57.01 - 60.00 %
60.01 - 67.00 %
67.01 - 71.00 %
71.01 - 78.00 %

Data Source: US Census Bureau American Community Survey 5 Year Estimates, 2020 - 2024 Census Tracts (B11001)

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

US Census Bureau ACS 5 Year Estimates, 2020-2024 (B11001)	% Family Households
Indiana	63.70%
Vigo County	56.12%
Census Tract #; County; State	% Family Households Range (Min - 17.91 | Max - 77.63)
Census Tract 3; Vigo County; Indiana	17.91
Census Tract 111.02; Vigo County; Indiana	23.67
Census Tract 111.01; Vigo County; Indiana	30.30
Census Tract 5; Vigo County; Indiana	36.48
Census Tract 112.02; Vigo County; Indiana	43.24
Census Tract 18; Vigo County; Indiana	45.81
Census Tract 107.03; Vigo County; Indiana	46.04
Census Tract 13; Vigo County; Indiana	48.46
Census Tract 9; Vigo County; Indiana	50.99
Census Tract 11; Vigo County; Indiana	53.40
Census Tract 7; Vigo County; Indiana	53.46
Census Tract 4; Vigo County; Indiana	54.43
Census Tract 110; Vigo County; Indiana	56.61
Census Tract 17; Vigo County; Indiana	58.54
Census Tract 12; Vigo County; Indiana	58.92
Census Tract 6; Vigo County; Indiana	59.88
Census Tract 10; Vigo County; Indiana	63.81
Census Tract 102.02; Vigo County; Indiana	65.62
Census Tract 107.02; Vigo County; Indiana	65.83
Census Tract 112.01; Vigo County; Indiana	66.77
Census Tract 19; Vigo County; Indiana	68.60
Census Tract 105; Vigo County; Indiana	70.32
Census Tract 103; Vigo County; Indiana	71.15
Census Tract 107.04; Vigo County; Indiana	76.88
Census Tract 104; Vigo County; Indiana	77.63

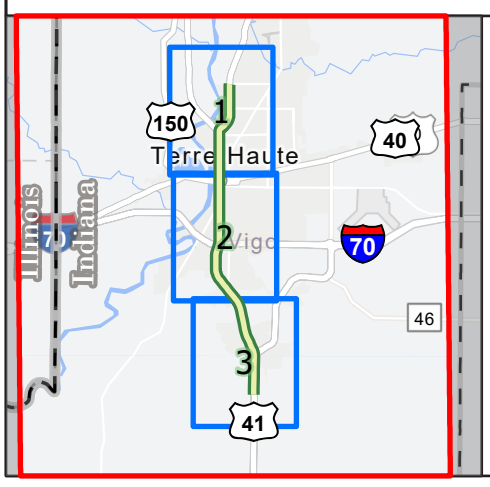
USDOT Housing and Urban Development (HUD) Resources Overview

PROPEL Smarter Transportation. Stronger Communities. US 41

N

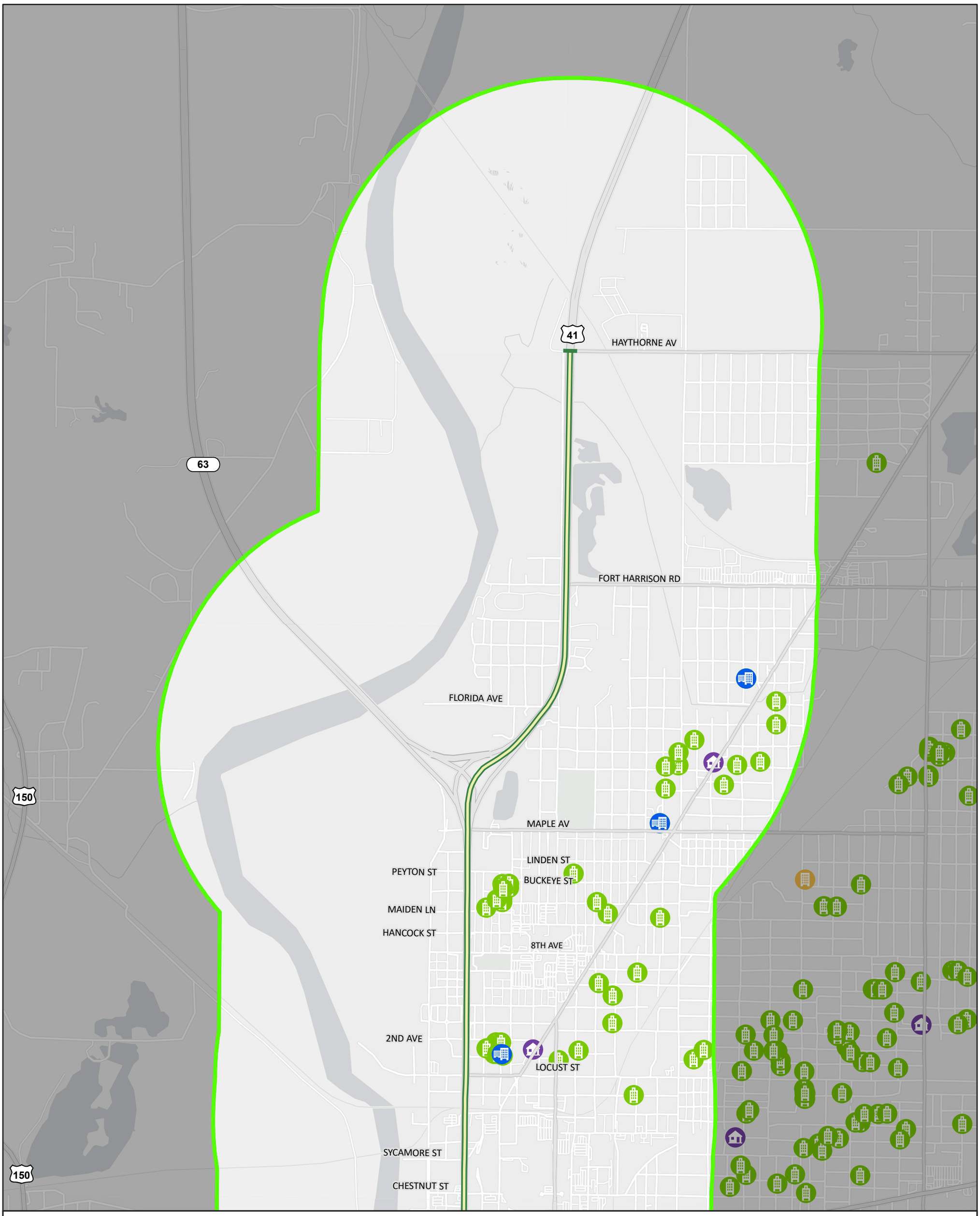
0 1 2 Miles

Scale: 1:100,000



- Study Limits
- Study Area Boundary
- Public Housing Buildings
- Public Housing Authorities
- Low Income Housing Tax Credit Properties

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft



PROPEL
Smarter Transportation. Stronger Communities.
US 41

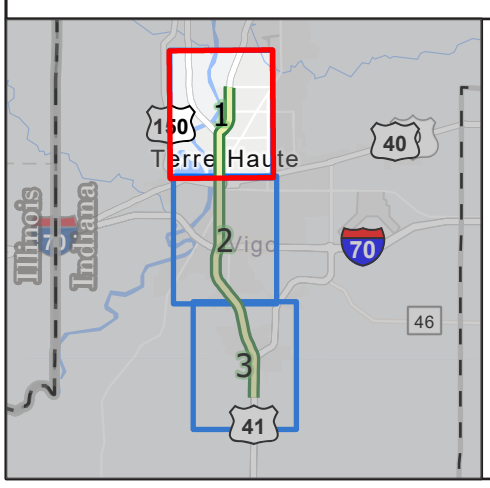
USDOT Housing and Urban Development (HUD) Resources

Series Page 1 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary
- Public Housing Buildings
- Public Housing Authorities
- Low Income Housing Tax Credit Properties

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

USDOT Housing and Urban Development (HUD) Resources

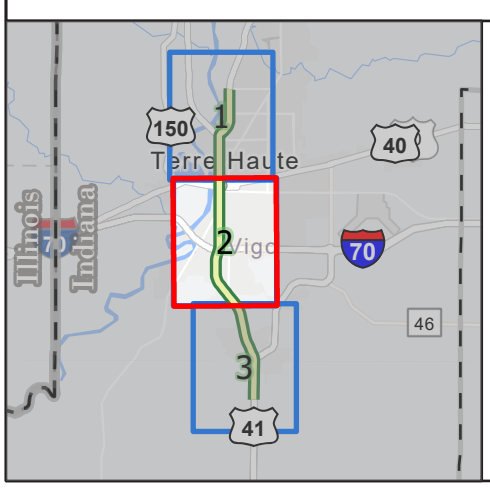
Series Page 2 of 3

PROPEL Smarter Transportation. Stronger Communities. US 41

N

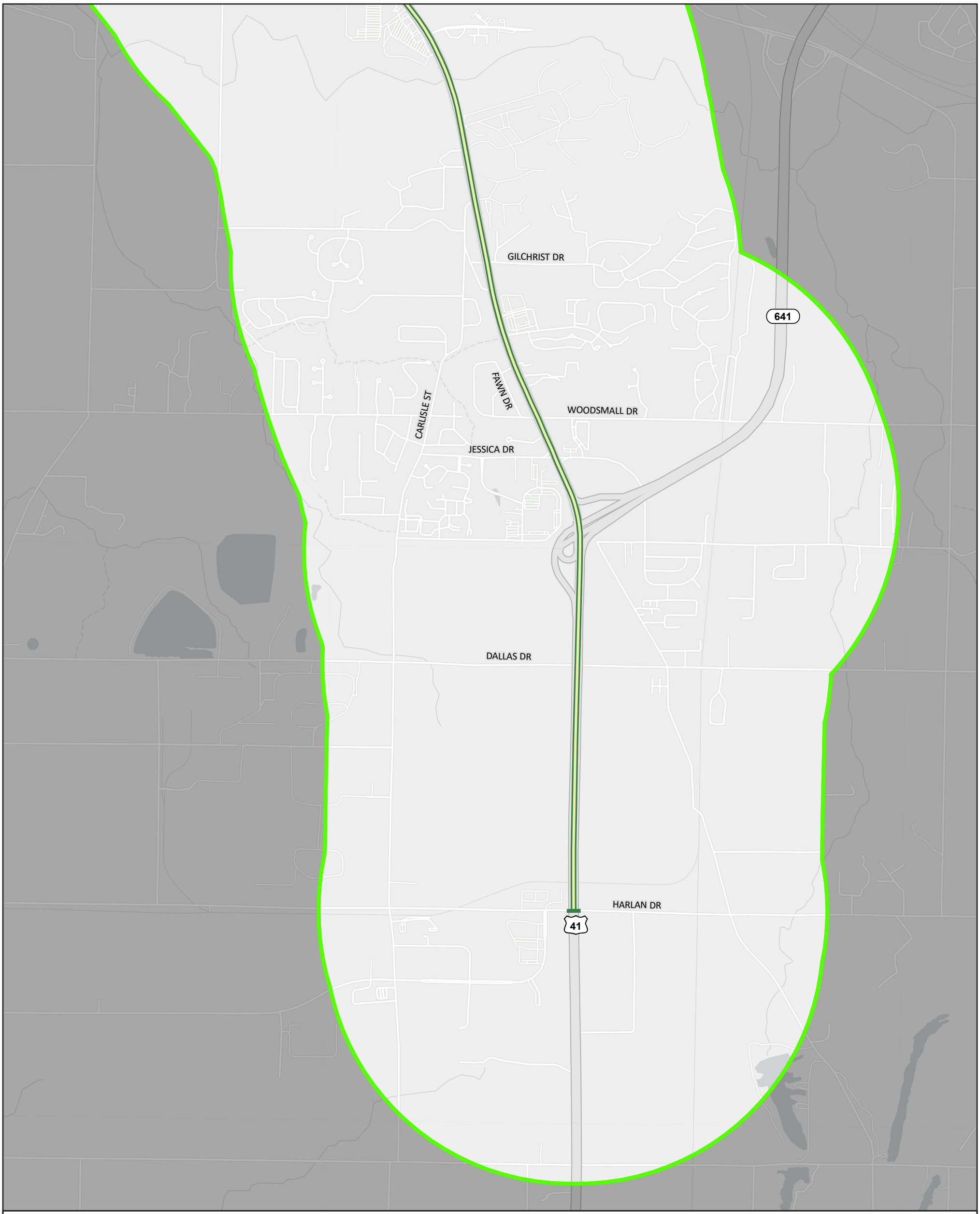
0 0.25 0.5 Miles

Scale: 1:24,000



- Study Limits
- Study Area Boundary
- Public Housing Buildings
- Low Income Housing Tax Credit Properties

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft



PROPEL US 41
Smarter Transportation. Stronger Communities.

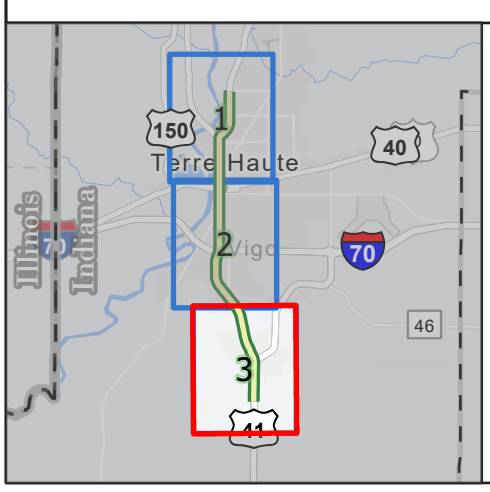
USDOT Housing and Urban Development (HUD) Resources

Series Page 3 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Limits

Study Area Boundary

State of Indiana, INDOT, Esri, NASA, NGA, USGS, City of Indianapolis Marion Co, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, EPA, NPS, US Census Bureau, USDA, FAO, © OpenStreetMap, Microsoft

HUD Resources

Category	HUD ID	Project	Address	City	State	ZIP	Census Tract ID	Census Block Group
Low-Income Housing Tax Credit Properties	INA19970010	ANTHONY SQUARE APTS	500 College Ave	Terre Haute	IN	47802	18167011100	181670111003
Low-Income Housing Tax Credit Properties	INA20060010	ARBORS AT HONEY CREEK	301 W Wheeler Ave	Terre Haute	IN	47802	18167001900	181670019001
Low-Income Housing Tax Credit Properties	INA19990055	HIGH - 2 LP	2708 Jackson St	Terre Haute	IN	47802	18167001900	181670019002
Low-Income Housing Tax Credit Properties	INA20040146	LANGE APTS	1400 North Ave	Terre Haute	IN	47804	18167001100	181670011001
Low-Income Housing Tax Credit Properties	INA19940090	SHADY OAK VILLAGE APTS	1101 Shady Oak Ct	Terre Haute	IN	47802	18167011200	181670112002
Low-Income Housing Tax Credit Properties	INA20190021	SILVER BIRCH OF TERRE HAUTE	650 Lafayette Ave	Terre Haute	IN	47807	18167000300	181670003002
Category	**HUD ID**	**Project Name**	**Address**	**City**	**State**	**ZIP**	**Census Tract ID**	**Census Block Group**
Public Housing Developments	IN021000001	DREISER SQUARE - 2	1265 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Developments	IN021000005	GARFIELD TOWERS	2200 Garfield Ave Apt 511	Terre Haute	IN	47804	18167001100	181670011003
Public Housing Developments	IN021000003	LOCKPORT	500 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Developments	IN021000004	MCMILLAN SQUARE	516 1st Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Developments	IN021000006	TURNKEY-1982	2919 N 15th St	Terre Haute	IN	47804	18167001000	181670010002
Category	**HUD ID**	**Building Name (Project Name)**	**Address**	**City**	**State**	**ZIP**	**Census Tract ID**	**Census Block Group**
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	1453 S 8th St	Terre Haute	IN	47802	18167001800	181670018003
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	425 Washington Ave	Terre Haute	IN	47802	18167001800	181670018003
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	503 Lincoln St	Terre Haute	IN	47802	18167001800	181670018002
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	2001 S 7th St	Terre Haute	IN	47802	18167001800	181670018002
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	1225 S 8th St	Terre Haute	IN	47802	18167011101	181670111011
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	1629 S 5th St	Terre Haute	IN	47802	18167001800	181670018003
Public Housing Buildings	IN021000006	Acquisition-1984 (TURNKEY-1982)	1500 S 10th St	Terre Haute	IN	47802	18167001700	181670017004
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	1013 N 8th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	1728 N 10th St	Terre Haute	IN	47804	18167000900	181670009001
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	1439 North Ave	Terre Haute	IN	47804	18167001100	181670011001
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	2428 N 13th St	Terre Haute	IN	47804	18167001100	181670011004
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	1736 Garfield Ave	Terre Haute	IN	47804	18167001100	181670011002
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	2309 Garfield Ave	Terre Haute	IN	47804	18167001100	181670011004
Public Housing Buildings	IN021000006	Acquisition-1993 (TURNKEY-1982)	1807 S 8th St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1226 N 10th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1925 S Center St	Terre Haute	IN	47802	18167001800	181670018002
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1807 N 9th St	Terre Haute	IN	47804	18167000900	181670009001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	2419 N 12th St	Terre Haute	IN	47804	18167001100	181670011004
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1031 S 8th St	Terre Haute	IN	47807	18167011101	181670111011
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1305 N 9th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	2536 N 13th 1/2 St	Terre Haute	IN	47804	18167001100	181670011004
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1132 N 10th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1810 S Center St	Terre Haute	IN	47802	18167001800	181670018002
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1017 N 4th St	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1800 S 8th St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000006	Acqusition-1987 (TURNKEY-1982)	1232 S 4th St	Terre Haute	IN	47802	18167011101	181670111012
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	459 S 13th 1/2 St	Terre Haute	IN	47807	18167000700	181670007003
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1025 Hulman St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	935 N 7th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1331 1st Ave	Terre Haute	IN	47807	18167000400	181670004002
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1622 S Center St	Terre Haute	IN	47802	18167001800	181670018003
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1101 7th Ave	Terre Haute	IN	47807	18167001100	181670011002
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	2500 N 13th St	Terre Haute	IN	47804	18167001100	181670011004
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	214 S 14th St	Terre Haute	IN	47807	18167000600	181670006002
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	802 N 11th St	Terre Haute	IN	47807	18167000300	181670003001
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1940 N 8th St	Terre Haute	IN	47804	18167000900	181670009001
Public Housing Buildings	IN021000006	Acqusition-1989 (TURNKEY-1982)	1433 Barbour Ave	Terre Haute	IN	47804	18167001100	181670011001
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	51 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	141 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022

Category	HUD ID	Building Name (Project Name)	Address	City	State	ZIP	Census Tract ID	Census Block Group
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	61 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	181 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	21 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	171 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	11 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	1075 S 3rd St	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	231 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	211 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	221 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	121 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	1001 S 3rd St	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	71 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	1025 S 3rd St	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	41 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	191 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	241 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	31 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	111 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	161 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	131 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	201 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	251 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser I (DREISER SQUARE - 2)	151 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1337 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1309 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1239 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1117 S 3rd St	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1329 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1333 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1261 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1177 S 3rd St	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1301 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1305 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1217 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1235 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1319 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1211 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1255 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1241 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	145 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	136 Dreiser Sq	Terre Haute	IN	47807	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1205 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1347 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1201 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1257 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1249 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1265 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000001	Dreiser II (DREISER SQUARE - 2)	1227 Dreiser Sq	Terre Haute	IN	47802	18167011102	181670111022
Public Housing Buildings	IN021000005	Garfield Towers (GARFIELD TOWERS)	2200 Garfield Ave Apt 511	Terre Haute	IN	47804	18167001100	181670011003
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	9 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	500 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	80 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001

HUD Resources

Category	HUD ID	Building Name (Project Name)	Address	City	State	ZIP	Census Tract ID	Census Block Group
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	1 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	501 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	75 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	301 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	91 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	4 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	400 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	40 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	101 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	200 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	83 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	1170 Lockport Rd	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	401 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	87 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	201 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	1817 S 12th St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	27 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	1809 S 12th St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	63 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	1801 S 12th St	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	300 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	57 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000003	Lockport (LOCKPORT)	71 Foulkes Dr	Terre Haute	IN	47802	18167001800	181670018001
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	461 2nd Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	516 1st Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	1035 N 5th St	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	515 2nd Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	454 1st Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	McMillan Square (MCMILLAN SQUARE)	478 1st Ave	Terre Haute	IN	47807	18167000300	181670003002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1823 N 4th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1931 N 5th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1861 N 5th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1914 N 6th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1934 N 6th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1845 N 5th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	1824 N 5th St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000004	Morton-Lewis Court (MCMILLAN SQUARE)	526 Buckeye St	Terre Haute	IN	47804	18167000900	181670009002
Public Housing Buildings	IN021000006	Turnkey-1982 (TURNKEY-1982)	525 S 13th 1/2 St	Terre Haute	IN	47807	18167000700	181670007003
Public Housing Buildings	IN021000006	Turnkey-1982 (TURNKEY-1982)	2604 S 10th St	Terre Haute	IN	47802	18167001700	181670017003
Public Housing Buildings	IN021000006	Turnkey-1982 (TURNKEY-1982)	702 S 13th 1/2 St	Terre Haute	IN	47807	18167000700	181670007001
Public Housing Buildings	IN021000006	Turnkey-1982 (TURNKEY-1982)	1348 2nd Ave	Terre Haute	IN	47807	18167000400	181670004002
Public Housing Buildings	IN021000006	Turnkey-1982 (TURNKEY-1982)	2919 N 15th St	Terre Haute	IN	47804	18167001000	181670010002
Public Housing Buildings	IN021000006	Turnkey-1985 (TURNKEY-1982)	1602 Florida Ave	Terre Haute	IN	47804	18167001100	181670011001
Public Housing Buildings	IN021000006	Turnkey-1985 (TURNKEY-1982)	2429 N 15th 1/2 St	Terre Haute	IN	47804	18167001100	181670011001
Public Housing Buildings	IN021000006	Turnkey-1985 (TURNKEY-1982)	2605 N 16th St	Terre Haute	IN	47804	18167001100	181670011001

Attachment C
USGS Topographic Map Series

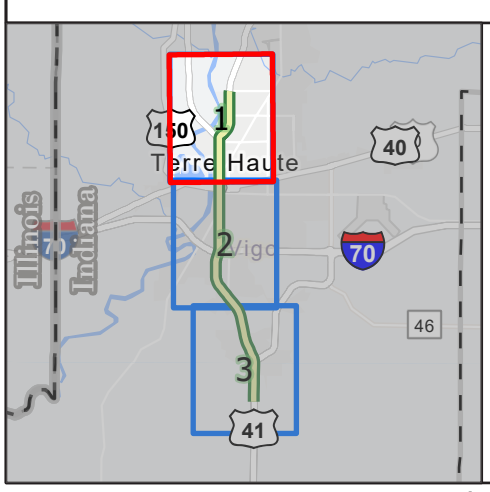
USGS Topographic
1:24,000 Series
Series Page 1 of 3

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Area

- Study Limits
- Study Area Boundary

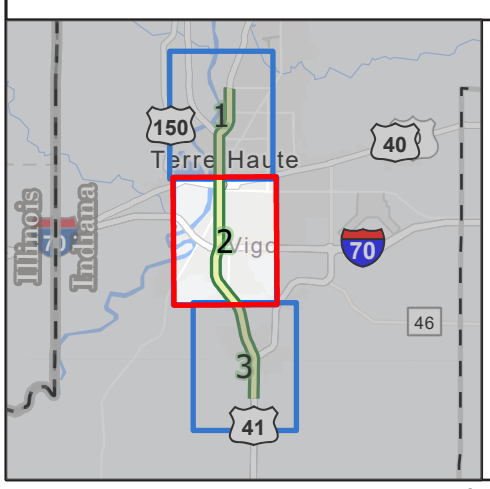
State of Indiana, INDOT, ESRI, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

USGS Topographic
1:24,000 Series
Series Page 2 of 3

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Area

- Study Limits
- Study Area Boundary

State of Indiana, INDOT, ESRI, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

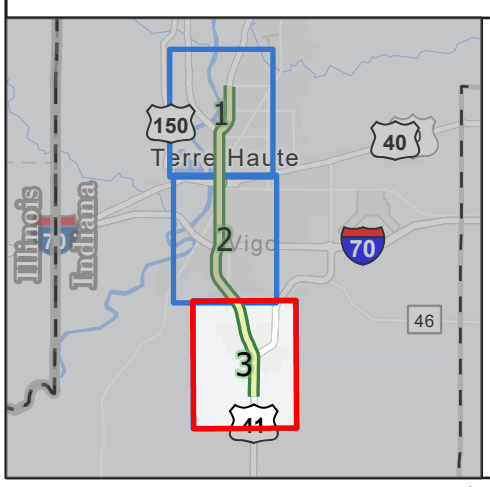
USGS Topographic
1:24,000 Series
Series Page 3 of 3

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.25 0.5 Miles

Scale: 1:24,000



Study Area

- Study Limits
- Study Area Boundary

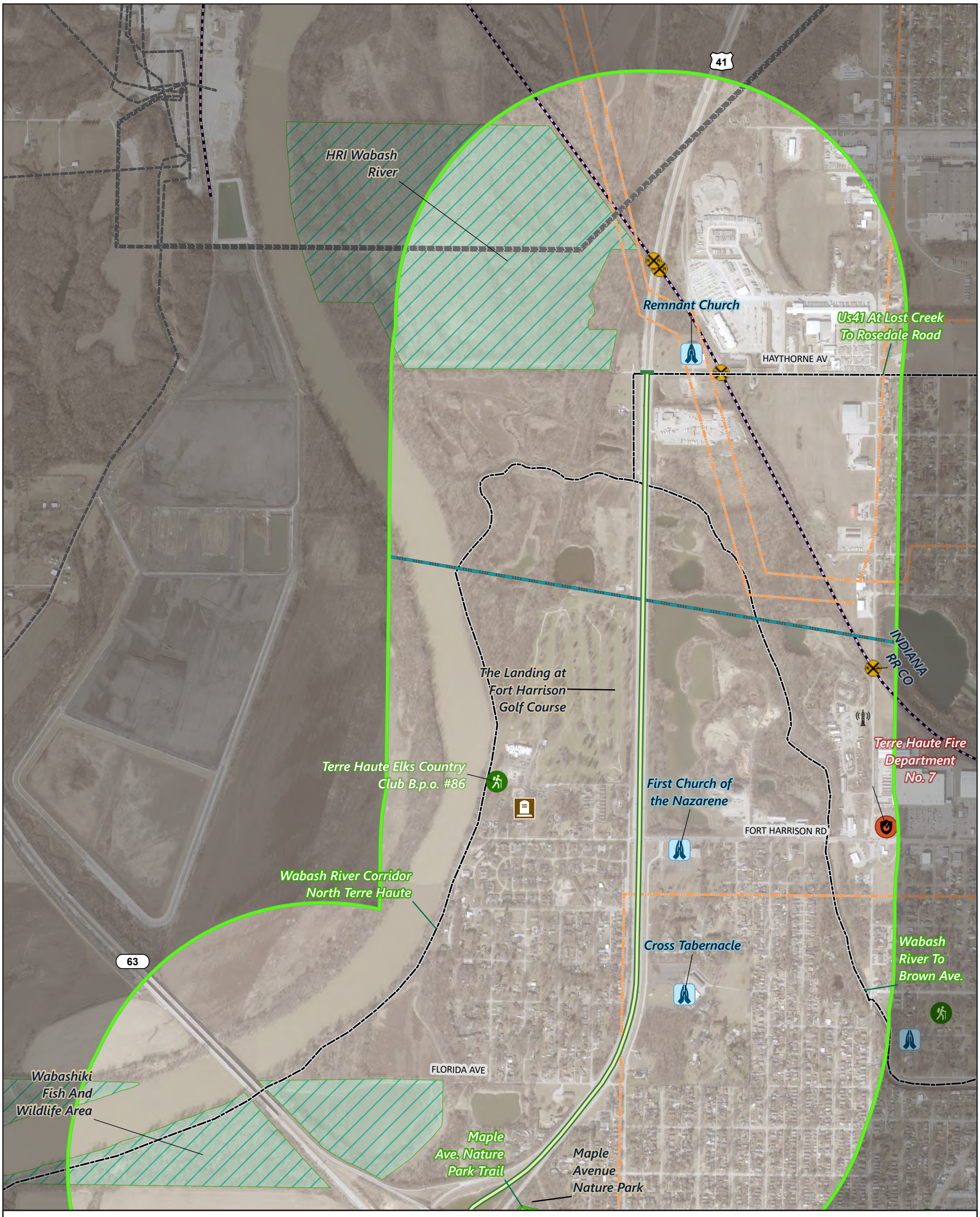
State of Indiana, INDOT, ESRI, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Attachment D
Environmental Constraints Maps Series

Infrastructure Maps

Water Resources & Mining/Mineral Exploration Maps

Hazardous Materials Concerns Maps



Environmental Constraints

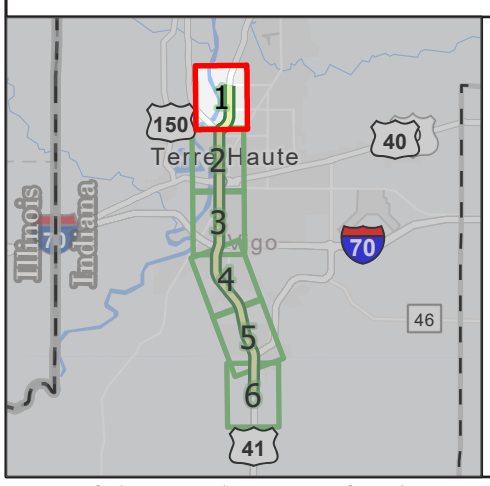
Infrastructure

Series Page 1 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Ambulance and Fire Service Combined
- Cemetery
- Recreation Facility
- Place of Worship
- Cellular Tower Locations
- Open Trail
- Potential Trail
- Electric Power Transmission Lines
- Pipeline
- Natural Gas, Interstate
- Railroad Crossing
- Indiana Railroad Company
- Managed Lands

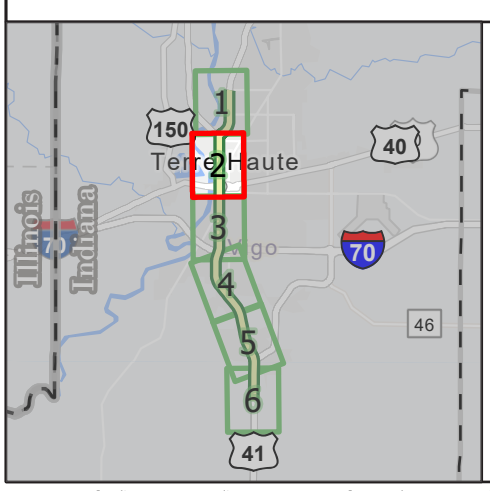
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department

Wabashiki Fish And Wildlife Area
63
Maple Ave. Nature Park Trail
41
Maple Avenue Nature Park
Calvary Temple
Vigo County Public Library 12 Points Branch
MAPLE AV
Maple Ave Public Access Site
Ouabache Elementary School
LINDEN ST
PEYTON ST
BUCKEYE ST
Church of Jesus Christ of LDS
MAIDEN LN
Hamilton Center Inc
HANCOCK ST
National Road Trail To Collett Park
Union Hospital Inc
8TH AVE
Woodlawn Cemetery
Saint Joseph Cemetery
Memorial Park (No Longer in Existence)
Bob Warn Field
National Road Trail To Collett Park
2ND AVE
Wabash River Corridor North Terre Haute
Baptist Collegiate Ministry
LOCUST ST
Christian Student Fellowship
Decatur & Eastern ILL RR
CSX RR
CSX RR
Vigo County Fire Department Hq & Maintenance
Price Field
Sycamore Bike Trail
4Th Street From Tippecanoe To Us40
SYCAMORE ST
Indiana State University Police
CHESTNUT ST
Centenary United Methodist Church
Wolf Field
St Stephen's Episcopal Church
Indiana State University Athletic Fields
Northside Wesleyan Church
Indiana State University
Central Presbyterian Church
150
4Th Street To Fairbanks Park
Vigo County Courthouse
Vigo County Central Dispatch
Vigo County Public Library
St Benedict Church
WALNUT ST
St Joseph University Parish
POPLAR ST
Terre Haute Police Department
Immanuel Evangelical Lutheran Church
Vigo County Annex
Recharge Church

PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Infrastructure
Series Page 2 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Ambulance and Fire Service Combined
- Police Station
- Hospital
- Cemetery
- School
- Main Library
- Branch Library
- Airport
- Recreation Facility
- Place of Worship
- Open Trail
- Planned Trail
- Potential Trail
- Trail Under Development
- Electric Power Transmission Lines
- Pipeline
- Railroad Crossing
- CSX Railroad
- Decatur & Eastern Illinois Railroad
- Managed Lands

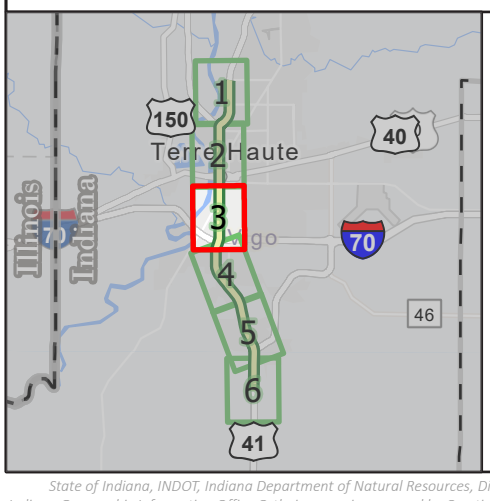
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department

Allen Chapel AME
Allen Chapel
United Hebrew Congregation
CRAWFORD ST
Vigo County Annex
Fairbanks Park Connection
University Apartments
FARRINGTON ST
Terre Haute Fire Department No. 2
COLLEGE AVE
Islamic Center of Terre Haute
CRUFT ST
FRANKLIN ST
WASHINGTON AV
Candles Holocaust Museum & Education Center
WILLOW ST
OSBORNE ST
King's Harvest Foursquare Gospel
HULMAN ST
IDAHO ST
Journey Assembly of God
Farrington Grove Elementary School
MCKEEN ST
Gospel Light Baptist Church
Terre Haute Southside Church of the Nazarene
St George Orthodox Church
VOORHEES ST
Greenwood Baptist Church
PRESTON ST
TURNER ST
INDIANA RR CO
Bible Holiness Church of Terre Haute
HELEN AV
Terre Haute Fire Department No. 9
WHEELER AV
70
MARGARET AV
Fairgrounds To West Terre Haute
41
Helen Ave. To Rea Park
Vigo County Sheriff's Office / Vigo County Jail
Vigo Virtual School Academy
Terre Haute South Vigo High School
Putt Putt Golf Courses

PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Infrastructure
Series Page 3 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Ambulance and Fire Service Combined
- Police Station
- School
- Recreation Facility
- Place of Worship
- Cellular Tower Locations
- Open Trail
- Planned Trail
- Potential Trail
- Trail Under Development
- Electric Power Transmission Lines
- Pipeline
- Railroad Crossing
- Indiana Railroad Company
- Managed Lands

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department

Fairgrounds To West Terre Haute
Helen Ave. To Rea Park
JOHNSON DR
Putt Putt Golf Courses
Booker T Washington Alt Sch
Vigo Virtual School Academy
Vigo County Fairgrounds
Terre Haute South Vigo High School
County Fairgrounds To Fowler Park
Babe Ruth Field
Wabash Valley Fairgrounds
Deming Park To County Fairgrounds
Terre Haute South Vigo High School
Terre Haute Regional Hospital
Gospel Assembly Church
Southside Church of Christ
Rural King
1ST ST
SPRINGHLL DR
RAYMOND
DR
Lowe's
OLD ROYSE RD
Methodist Temple
Walmart Supercenter
Anabranch Recovery Center

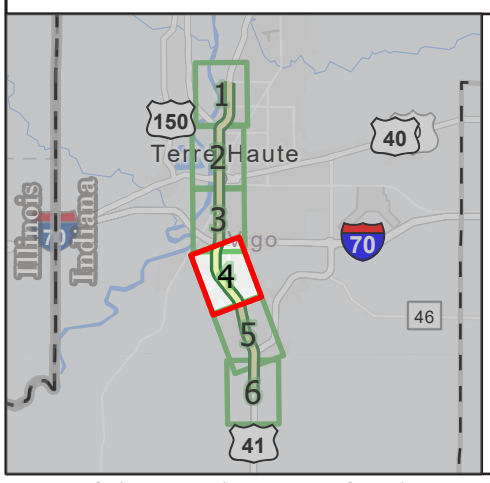
Environmental Constraints
Infrastructure
Series Page 4 of 6

PROPEL US 41 — Smarter Transportation. Stronger Communities.

N

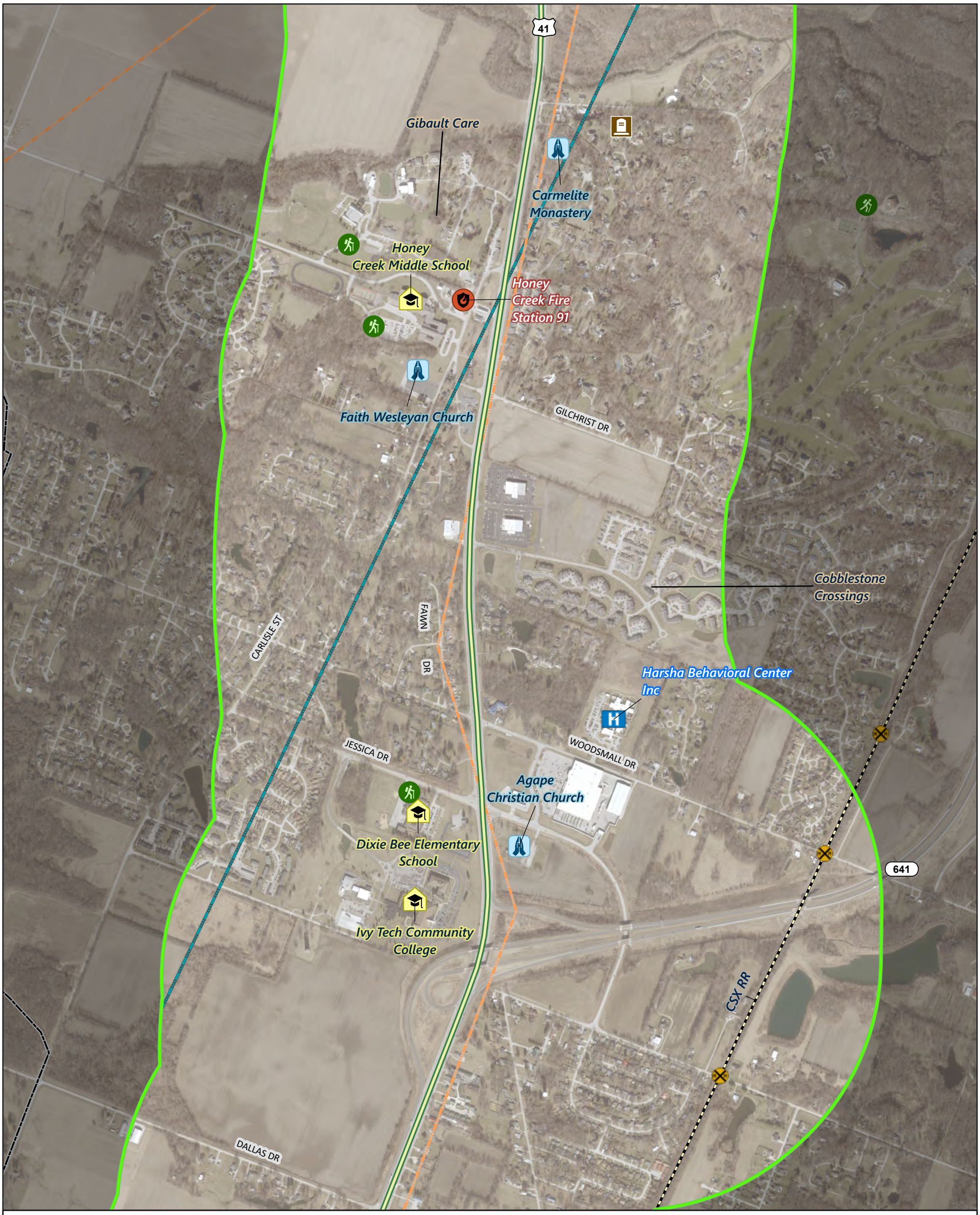
0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Hospital
- School
- Recreation Facility
- Place of Worship
- Planned Trail
- Potential Trail
- Trail Under Development
- Electric Power Transmission Lines
- Pipeline
- Natural Gas, Interstate

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department



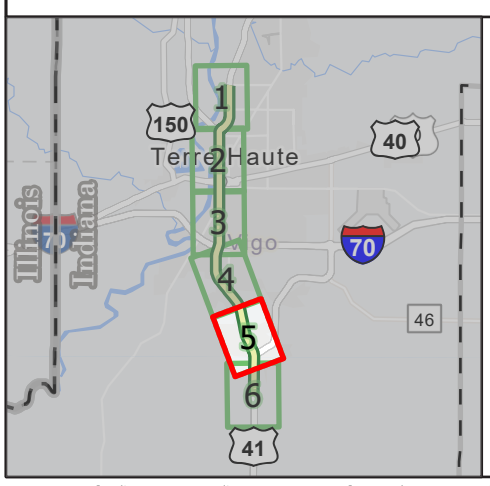
PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Infrastructure
Series Page 5 of 6

N

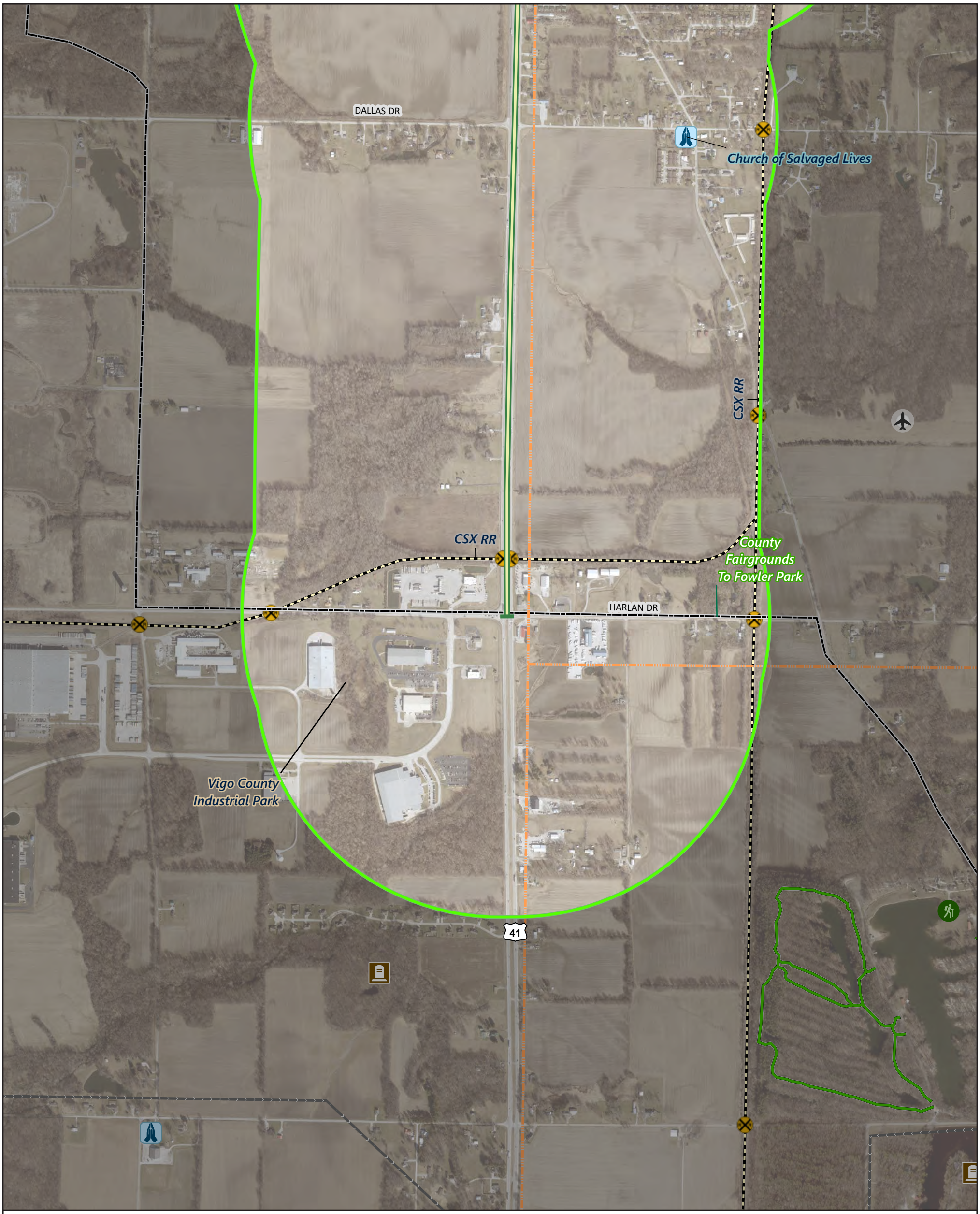
0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Ambulance and Fire Service Combined
- Hospital
- Cemetery
- School
- Recreation Facility
- Place of Worship
- Pipeline
- Natural Gas, Interstate
- Railroad Crossing
- CSX Railroad

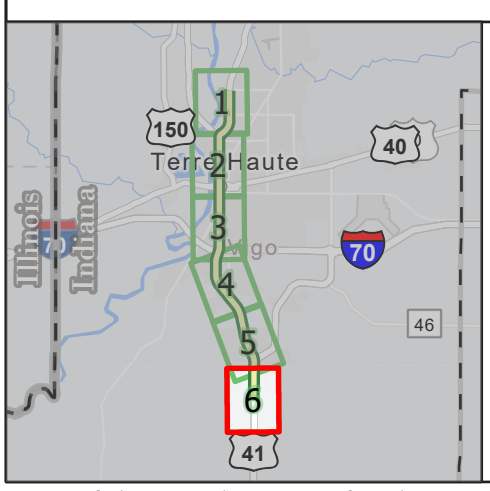
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department



PROPEL US 41
Smarter Transportation. Stronger Communities.

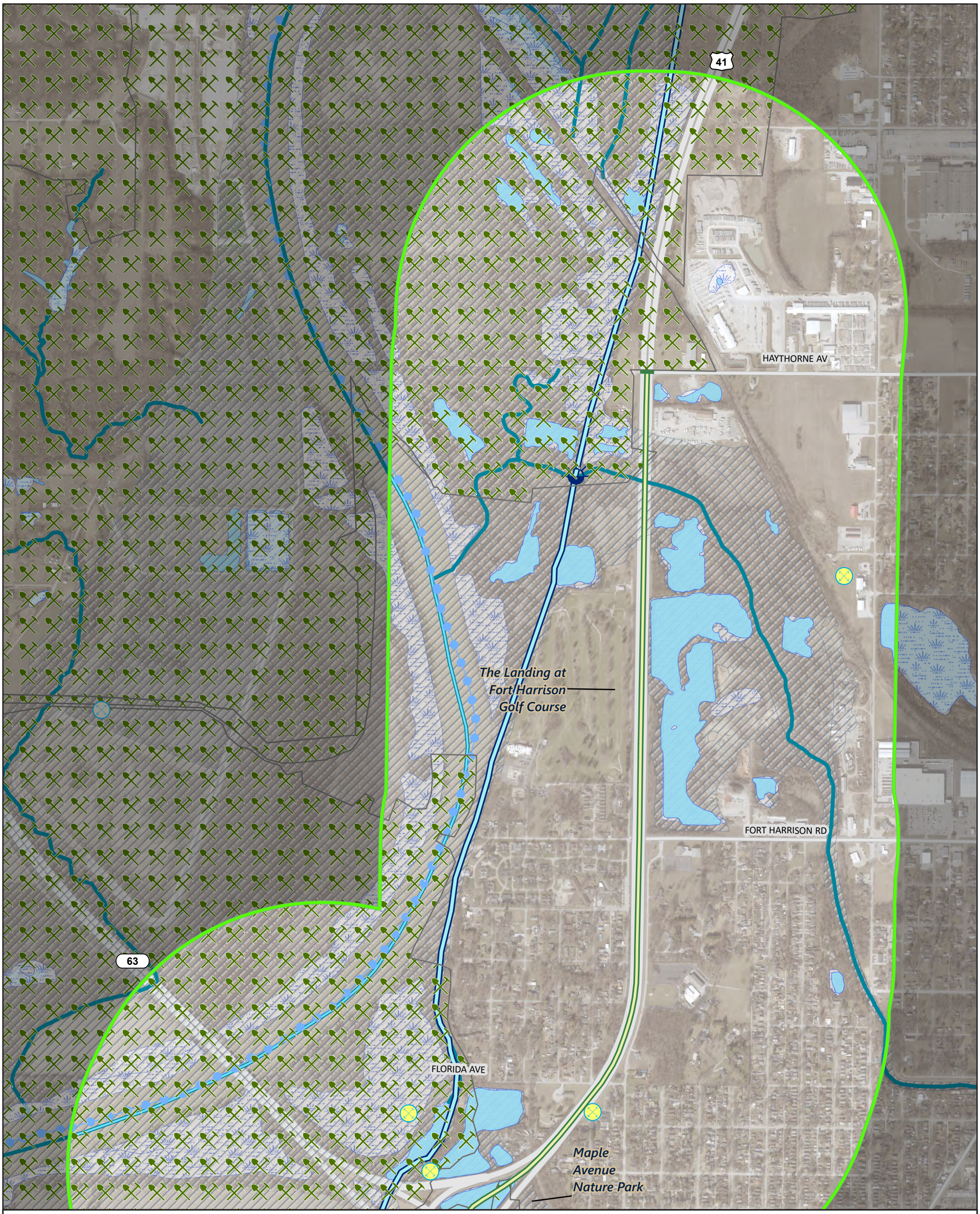
Environmental Constraints
Infrastructure
Series Page 6 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



- Study Limits
- Study Area Boundary
- Airport
- Place of Worship
- Potential Trail
- Pipeline
- Natural Gas, Interstate
- Railroad Crossing
- CSX Railroad

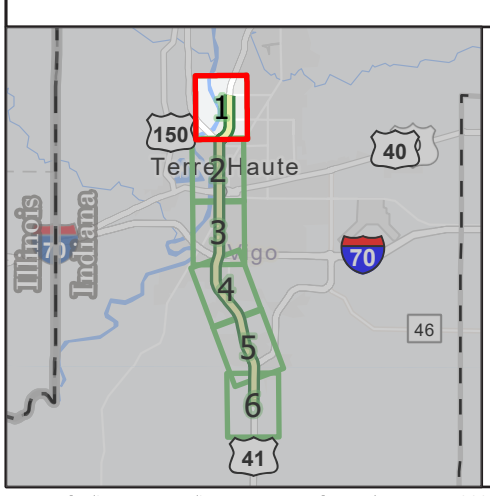
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology, Indiana Department of Natural Resources, Indiana Natural Heritage Data Center, US Department of Agriculture, US Department of Interior, various local park and recreation agenices,, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Indiana Department of Transportation, Indiana Geological Survey, Indiana Geographic Information Office, INDOT Road Inventory, NCES EDGE, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department



PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Water and Mineral Resources
Series Page 1 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

Mining and Mineral Resources
- Oil/Gas Wells
- Mine - Underground

Water Resources
- Canal Structure - Historic
- Impaired Stream or Lake
- Canal Route - Historic
- Nationwide Rivers Inventory (NPS)
- River/Stream
- Lake
- Floodplain - DFIRM
- Wetland

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

63
MAPLE AV
Maple Avenue Nature Park
LINDEN ST
PEYTON ST
BUCKEYE ST
MAIDEN LN
Memorial Park (No Longer in Existence)
HANCOCK ST
8TH AVE
Woodlawn Cemetery
Bob Warn Field
2ND AVE
LOCUST ST
Price Field
SYCAMORE ST
Wolf Field
CHESTNUT ST
Indiana State University
150
Vigo County Courthouse
WALNUT ST
41
POPLAR ST
Vigo County Annex

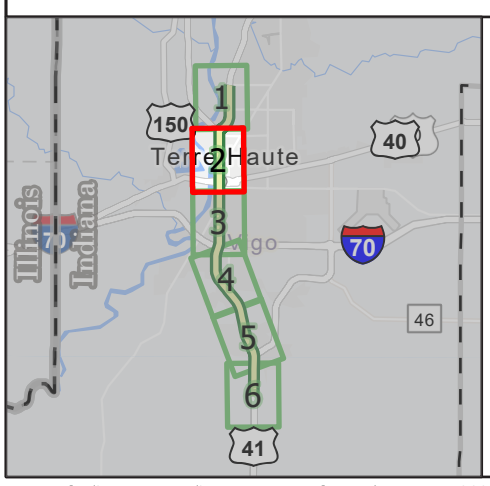
Environmental Constraints
Water and Mineral Resources
Series Page 2 of 6

PROPEL US 41 — Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:12,000

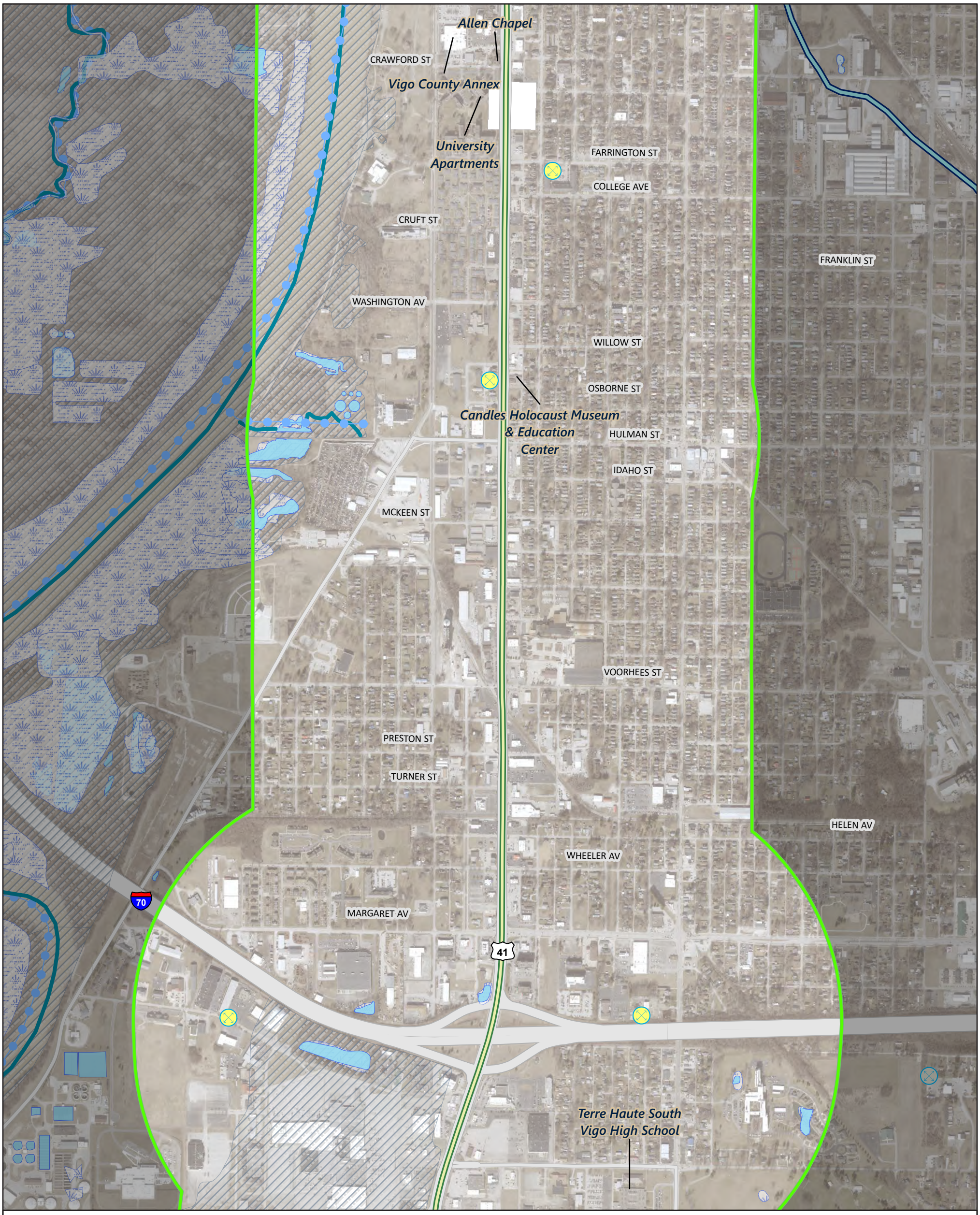


- Study Limits
- Study Area Boundary

Mining and Mineral Resources
- Oil/Gas Wells
- Mine - Underground

Water Resources
- Canal Structure - Historic
- Impaired Stream or Lake
- Canal Route - Historic
- River/Stream
- Lake
- Floodplain - DFIRM
- Mitigation Boundary
- Wetland

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



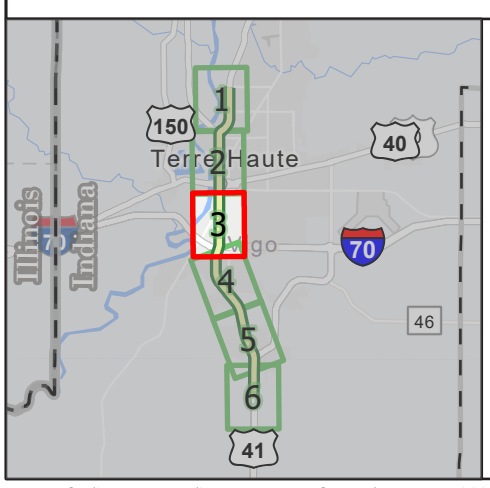
PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Water and Mineral Resources
Series Page 3 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



Study Limits

Study Area Boundary

Mining and Mineral Resources

Oil/Gas Wells

Water Resources

Impaired Stream or Lake

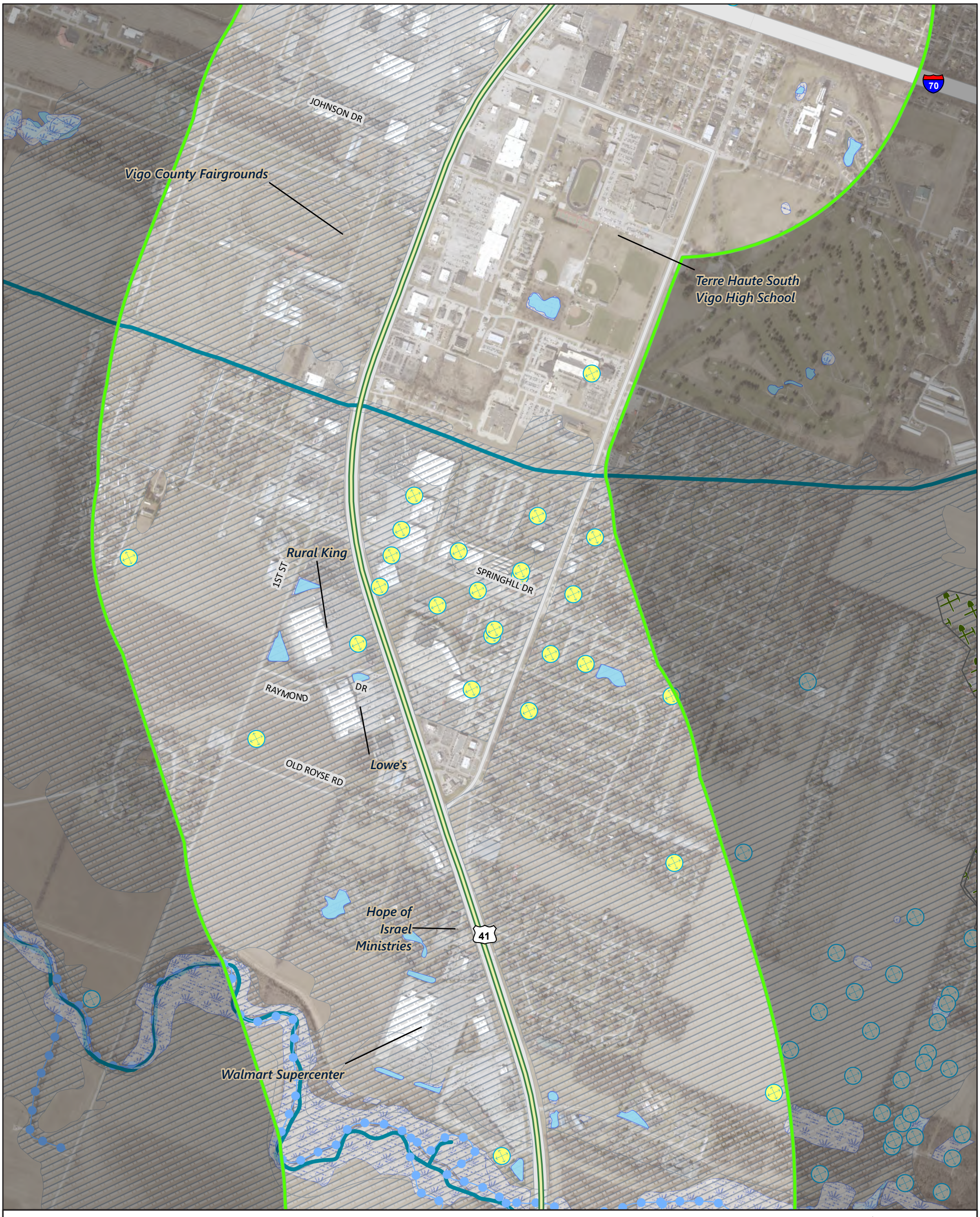
River/Stream

Lake

Floodplain - DFIRM

Wetland

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



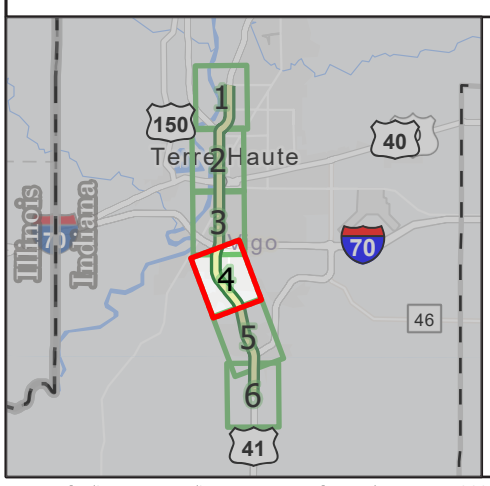
PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Water and Mineral Resources
Series Page 4 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

Mining and Mineral Resources
- Oil/Gas Wells

Water Resources
- Impaired Stream or Lake
- River/Stream
- Lake

- Floodplain - DFIRM
- Wetland

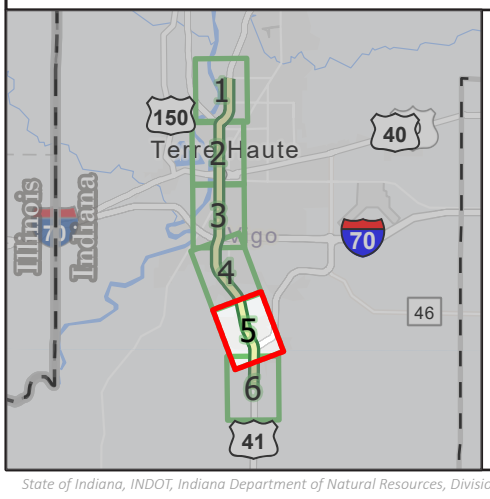
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Water and Mineral Resources
Series Page 5 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



- Study Limits
- Study Area Boundary

Mining and Mineral Resources
- Oil/Gas Wells
- Mine - Underground

Water Resources
- Impaired Stream or Lake
- River/Stream
- Lake
- Floodplain - DFIRM
- Mitigation Boundary
- Wetland

State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

DALLAS DR

HARLAN DR

Vigo County
Industrial Park

41

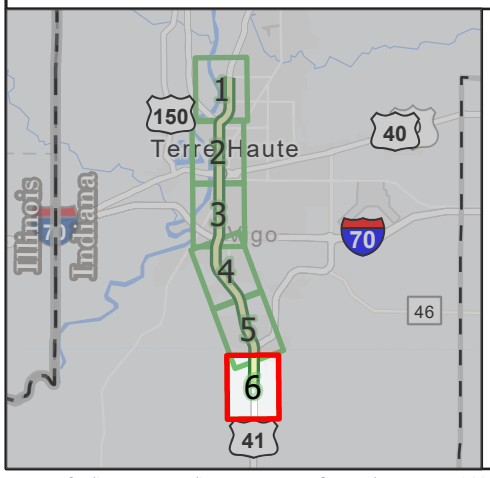
Environmental Constraints
Water and Mineral Resources
Series Page 6 of 6

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:12,000



Study Limits

Study Area Boundary

Mining and Mineral Resources

Oil/Gas Wells

Water Resources

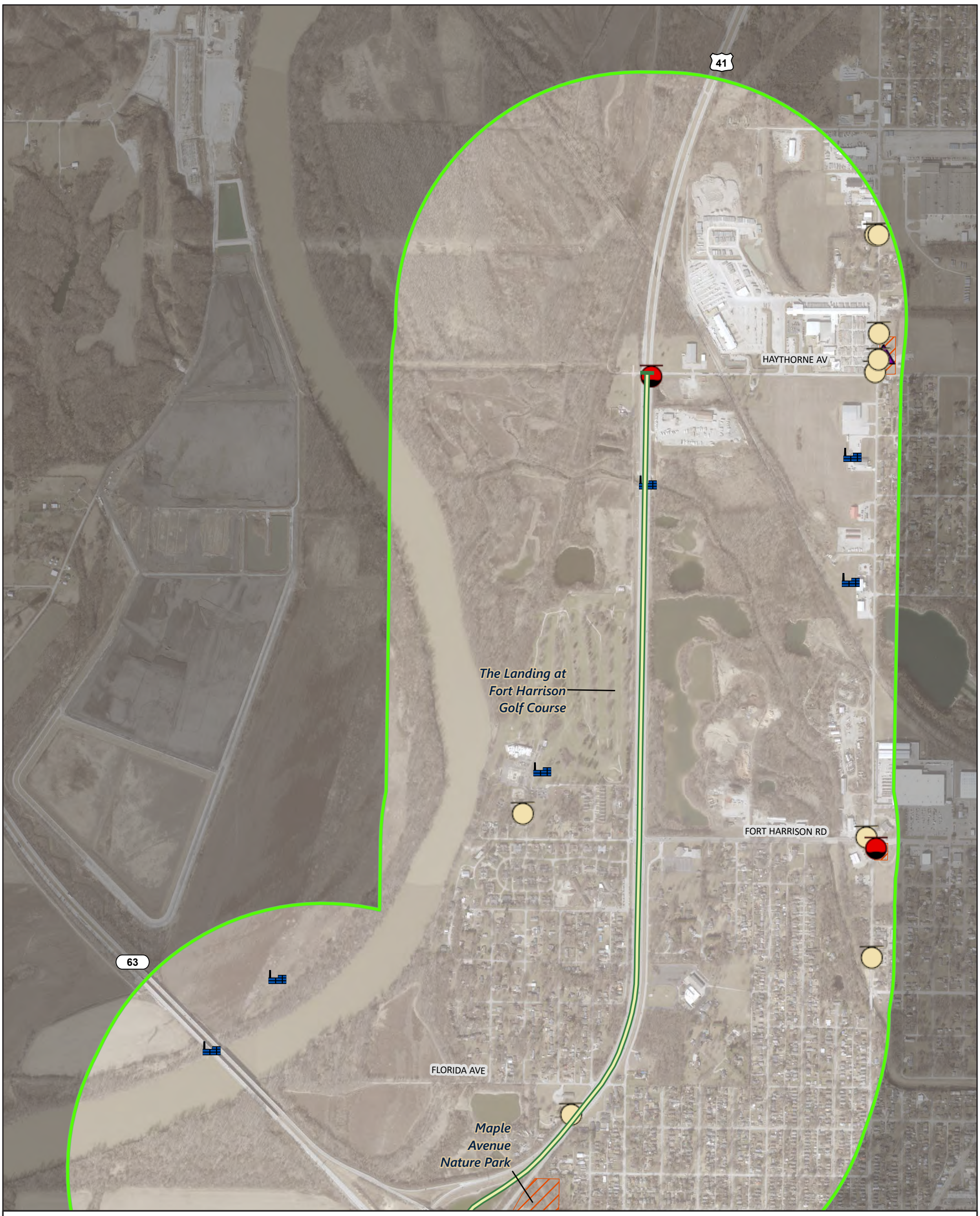
Impaired Stream or Lake

River/Stream

Lake

Wetland

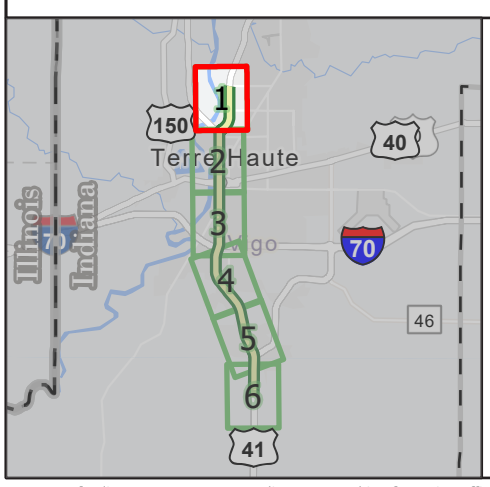
State of Indiana, INDOT, Indiana Department of Natural Resources, Division of Water, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Hazardous Material Concerns
Series Page 1 of 6

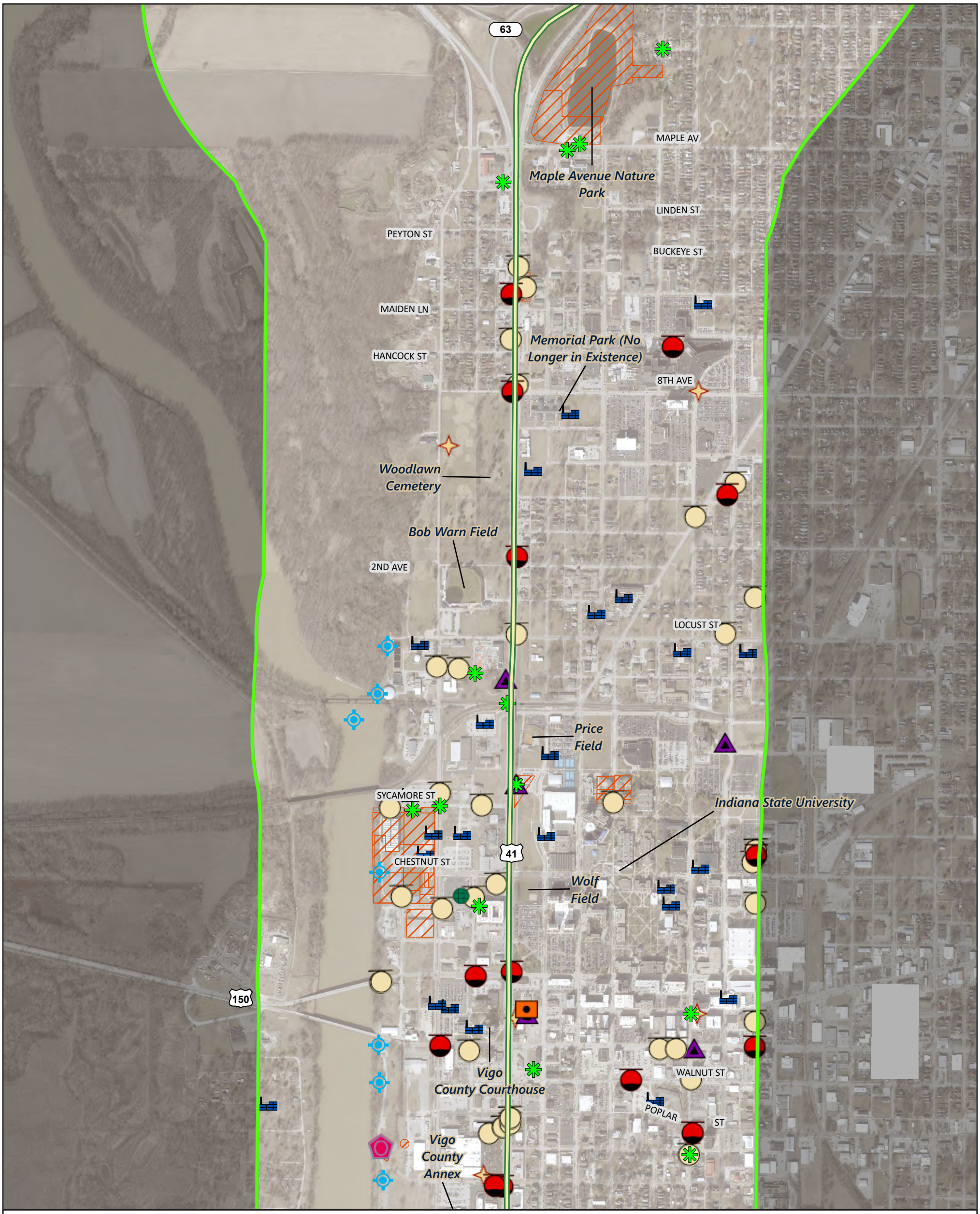
N
0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

Hazardous Material Concerns
NPDES Facilities
Leaking Underground Storage Tank
State Cleanup Site
Underground Storage Tank
Institutional Control

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



Environmental Constraints

Hazardous Material Concerns

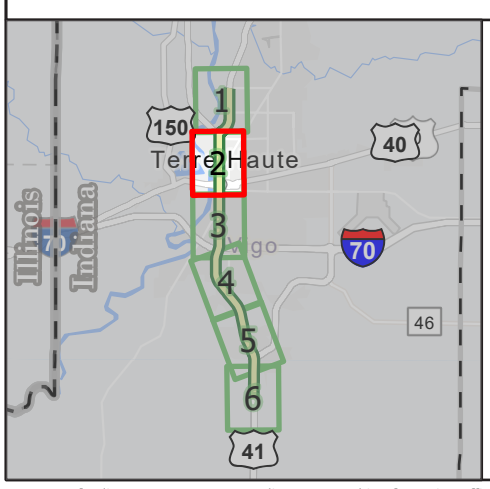
Series Page 2 of 6

PROPEL US 41 — Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

Hazardous Material Concerns

- NPDES Pipe Location
- NPDES Facilities
- Brownfield
- Solid Waste Landfill
- Leaking Underground Storage Tank
- Manufactured Gas Plant
- RCRA Generator/TSD
- State Cleanup Site
- Underground Storage Tank
- Voluntary Remediation Program
- Institutional Control

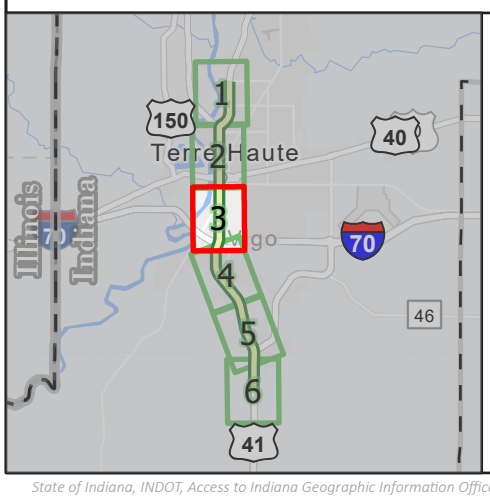
State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Allen Chapel
CRAWFORD ST
Vigo County Annex
University Apartments
FARRINGTON ST
COLLEGE AVE
CRUFT ST
FRANKLIN ST
WASHINGTON AV
WILLOW ST
OSBORNE ST
Candles Holocaust Museum & Education Center
HULMAN ST
IDAHO ST
MCKEEN ST
VOORHEES ST
41
PRESTON ST
TURNER ST
HELEN AV
WHEELER AV
70
MARGARET AV
Terre Haute South Vigo High School

PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Hazardous Material Concerns
Series Page 3 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

Hazardous Material Concerns

NPDES Pipe Location
NPDES Facilities
Brownfield
Leaking Underground Storage Tank
RCRA Generator/TSD
State Cleanup Site
Underground Storage Tank
Voluntary Remediation Program
Institutional Control

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

JOHNSON DR

Vigo County Fairgrounds

Terre Haute South Vigo High School

70

1ST ST

SPRINGHLL DR

RAYMOND DR

Rural King

Lowe's

OLD ROYSE RD

Hope of Israel Ministries

41

Walmart Supercenter

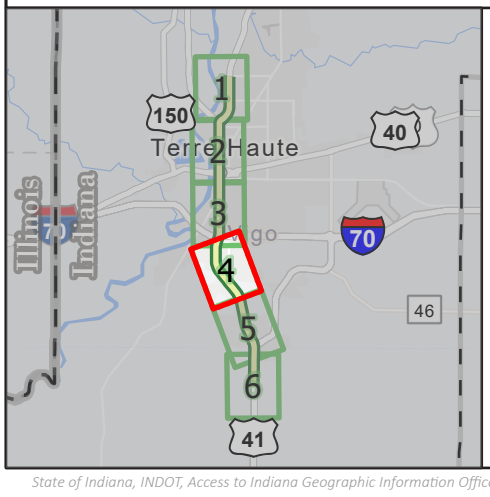
Environmental Constraints
Hazardous Material Concerns
Series Page 4 of 6

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:12,000



Study Limits

Study Area Boundary

Hazardous Material Concerns

NPDES Facilities

Brownfield

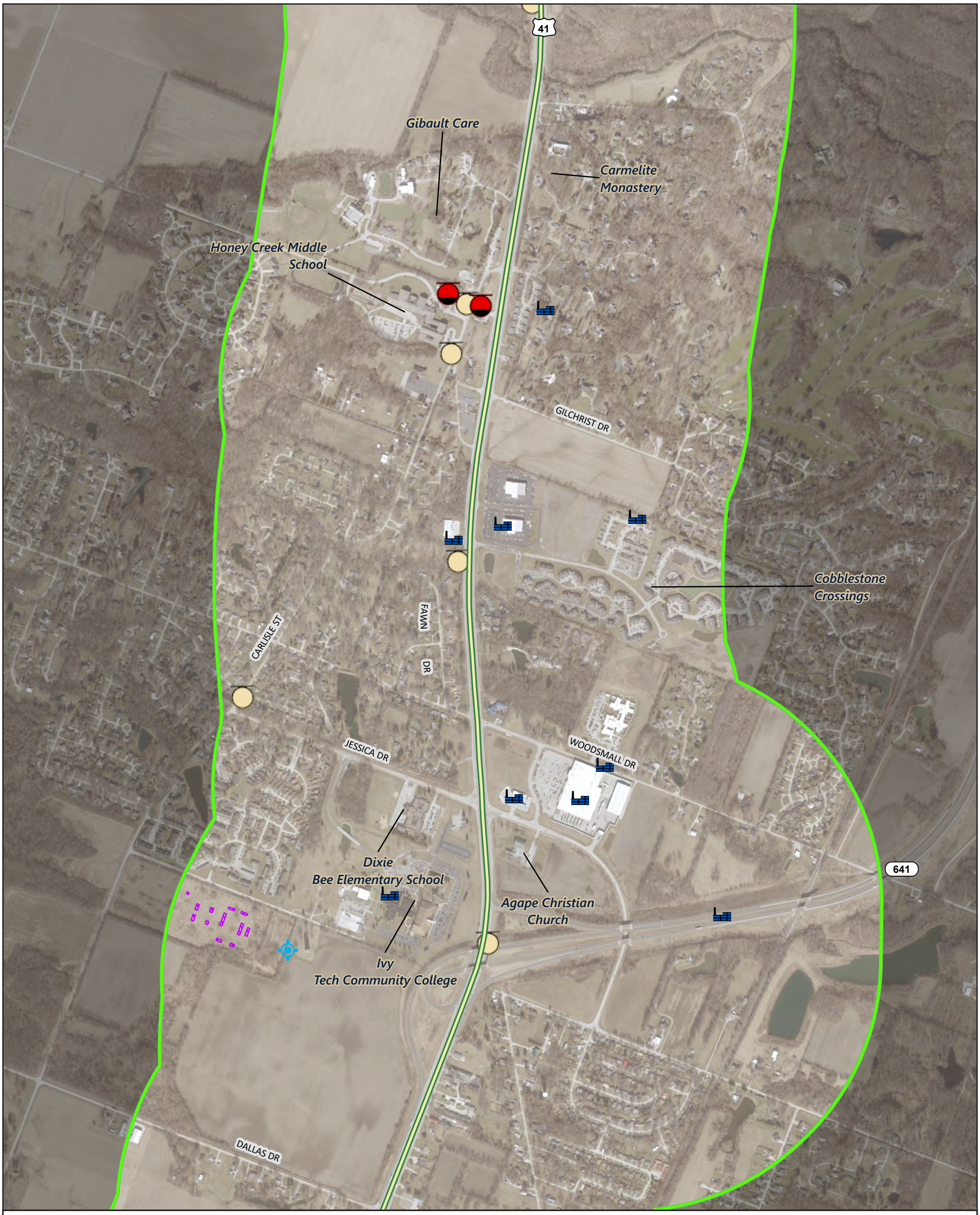
Leaking Underground Storage Tank

State Cleanup Site

Underground Storage Tank

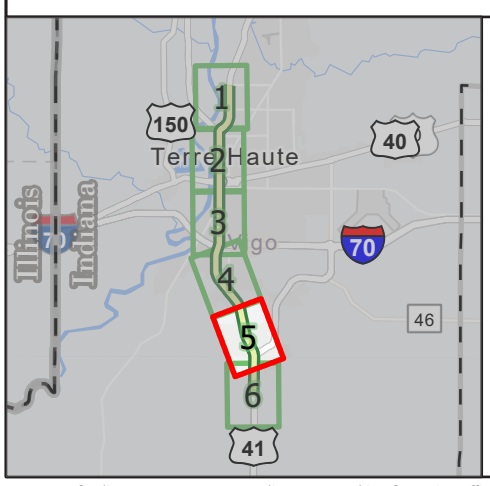
Institutional Control

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



Environmental Constraints
Hazardous Material Concerns
Series Page 5 of 6

0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

Hazardous Material Concerns
NPDES Pipe Location
NPDES Facilities

Leaking Underground Storage Tank
Underground Storage Tank
Landfill Boundary

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

DALLAS DR

HARLAN DR

Vigo County
Industrial Park

41

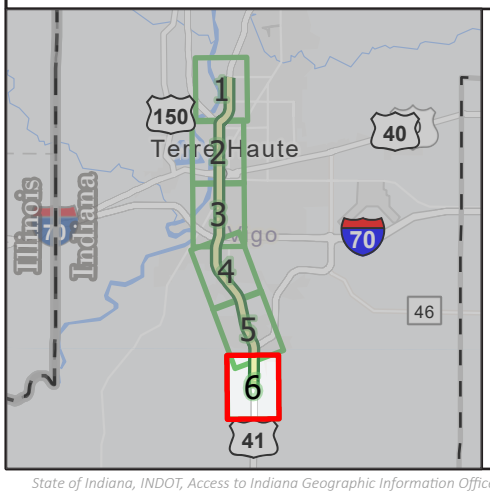
PROPEL US 41
Smarter Transportation. Stronger Communities.

Environmental Constraints
Hazardous Material Concerns
Series Page 6 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



Study Limits

Study Area Boundary

Hazardous Material Concerns

NPDES Facilities

Leaking Underground Storage Tank

Underground Storage Tank

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Attachment E
Land and Water Conservation Fund Information

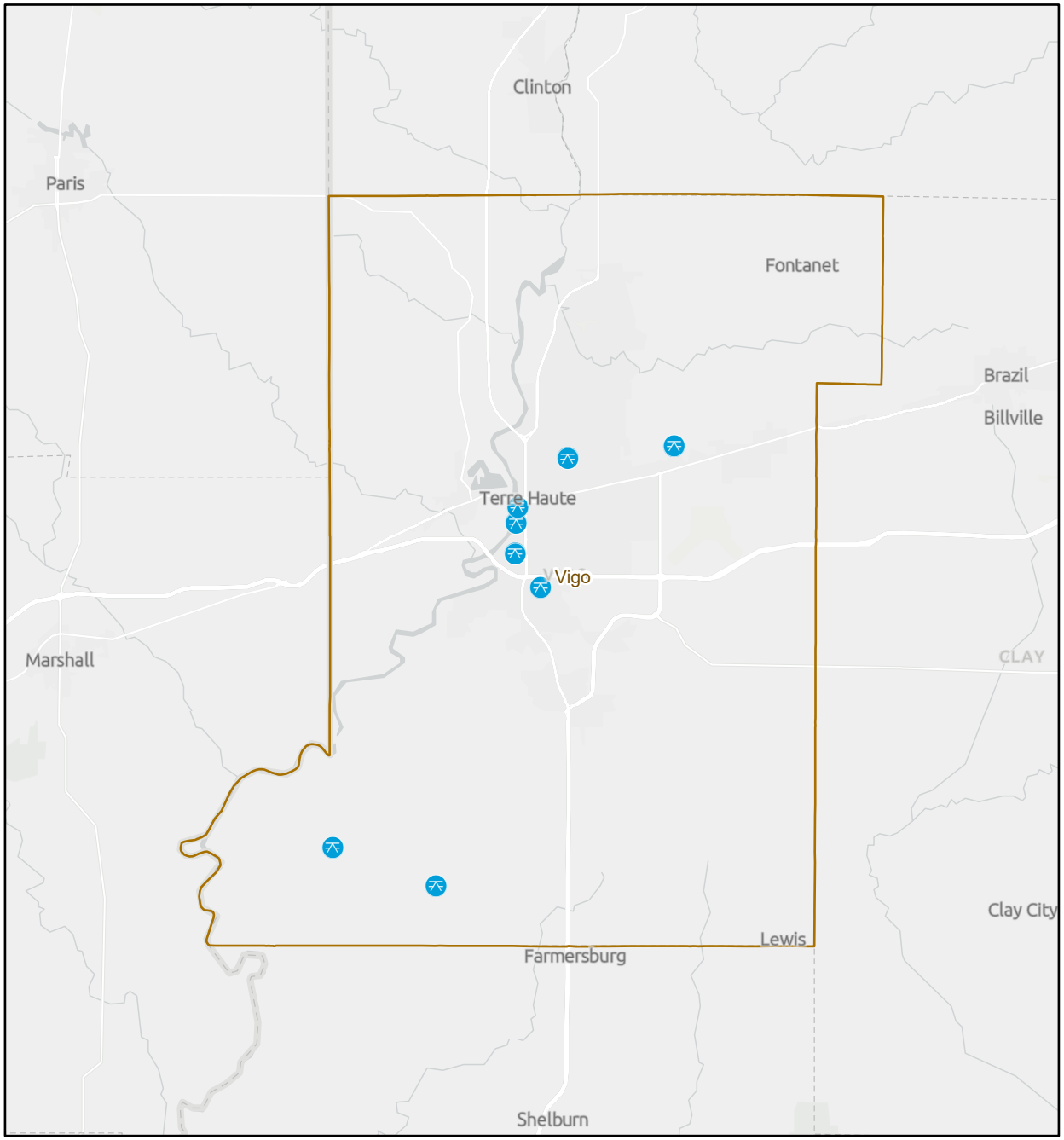
Land and Water Conservation Fund Summary Report

Indiana; Vigo County

(**Unofficial report**; contact us to learn where to find official information: https://lwcf.tplgis.org/contact)

June 20, 2025

Number of projects funded:
10
Year range of funding:
1972 - 2019
Total funding received (estimate):
$1,400,000



Legend

Project funded by LWCF

State and Local Assistance Program (10)

This report was created on June 20, 2025 using the Land and Water Conservation Fund interactive mapping site. It is for informational purposes only. The providers of this report disclaim any and all warranties, express or implied, including fitness for a particular purpose or merchantability, and make no representation that the report is complete, accurate, or error free. Use and reliance on this report is at the sole risk of the party using same.
© 2025 The Trust for Public Land.

Land and Water Conservation Fund (LWCF) County Property List for Indiana (Last Updated March 2022)

ProjectNumber	SubProjectCode	County	Property
1800066	1800066	Vigo	Fowler Park & Wilderness Area
1800112	1800112	Vigo	Prairie Creek Park
1800146	1800146	Vigo	Prairie Creek Park
1800152	1800152	Vigo	Hulman Links Golf Course, Terre Haute Golf Course
1800348	1800348	Vigo	Hawthorn Park & Access Site
1800360	1800360	Vigo	Spencer F. Ball Park
1800387	1800387	Vigo	Voorhees Park
1800394	1800394	Vigo	Hawthorn Access Site
1800406	1800406	Vigo	Fairbanks Park
1800410	1800410	Vigo	Hawthorn Access Site
1800625	1800625	Vigo	Fairbanks Park

*Park names may have changed. If acquisition of publically owned land or impacts to publically owned land is anticipated, coordination with IDNR, Division of Outdoor Recreation, should occur.

Attachment F
Soils Maps

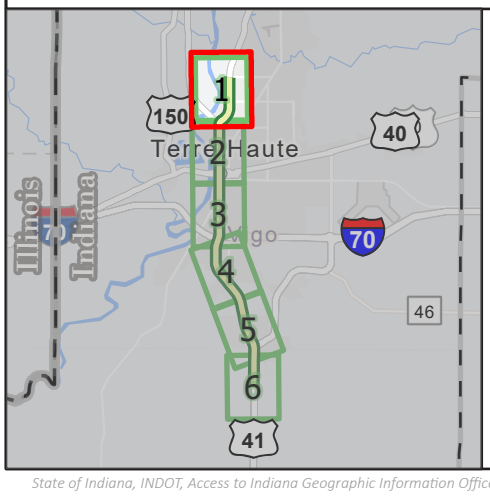
Hydric Soils

Series Page 1 of 7

N

0 0.1 0.2 Miles

Scale: 1:14,000



- Study Limits
- Study Area Boundary

Hydric Soil Indicator

- Non-hydric
- Predominantly Non-hydric
- Hydric

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

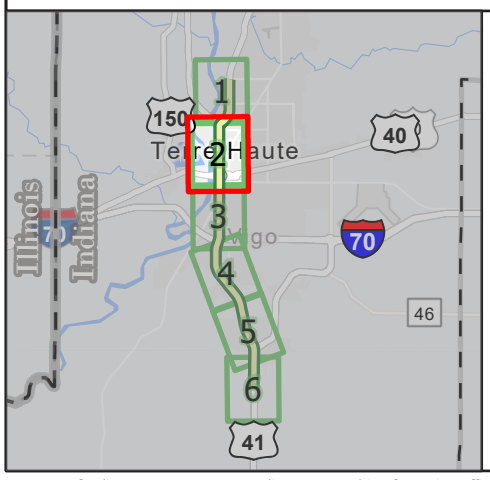
Hydric Soils

Series Page 2 of 7

N

0 0.1 0.2 Miles

Scale: 1:14,000



- Study Limits
- Study Area Boundary

Hydric Soil Indicator

- Non-hydric
- Predominantly Non-hydric
- Hydric

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

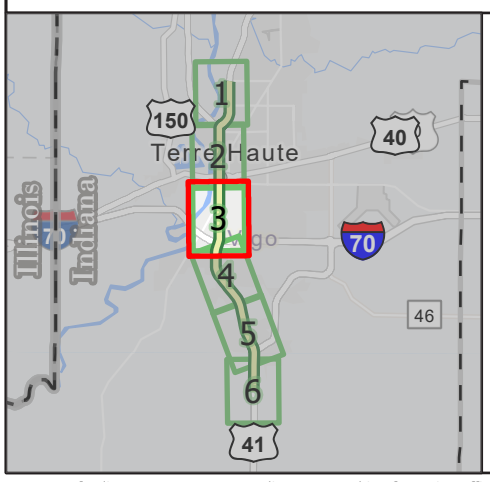
Hydric Soils

Series Page 3 of 7

N

0 0.1 0.2 Miles

Scale: 1:14,000



Study Limits

Study Area Boundary

Hydric Soil Indicator

Non-hydric

Predominantly Non-hydric

Hydric

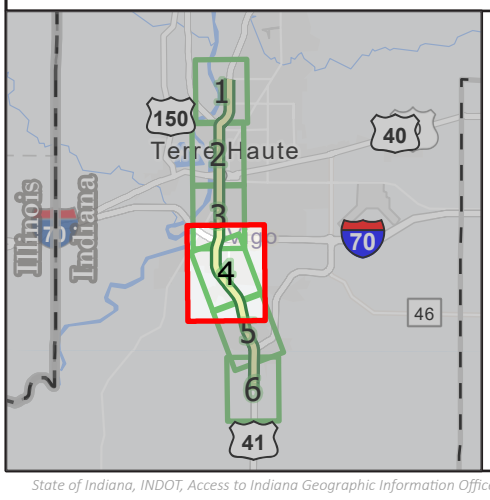
State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Hydric Soils

Series Page 4 of 7

PROPEL US 41
Smarter Transportation. Stronger Communities.

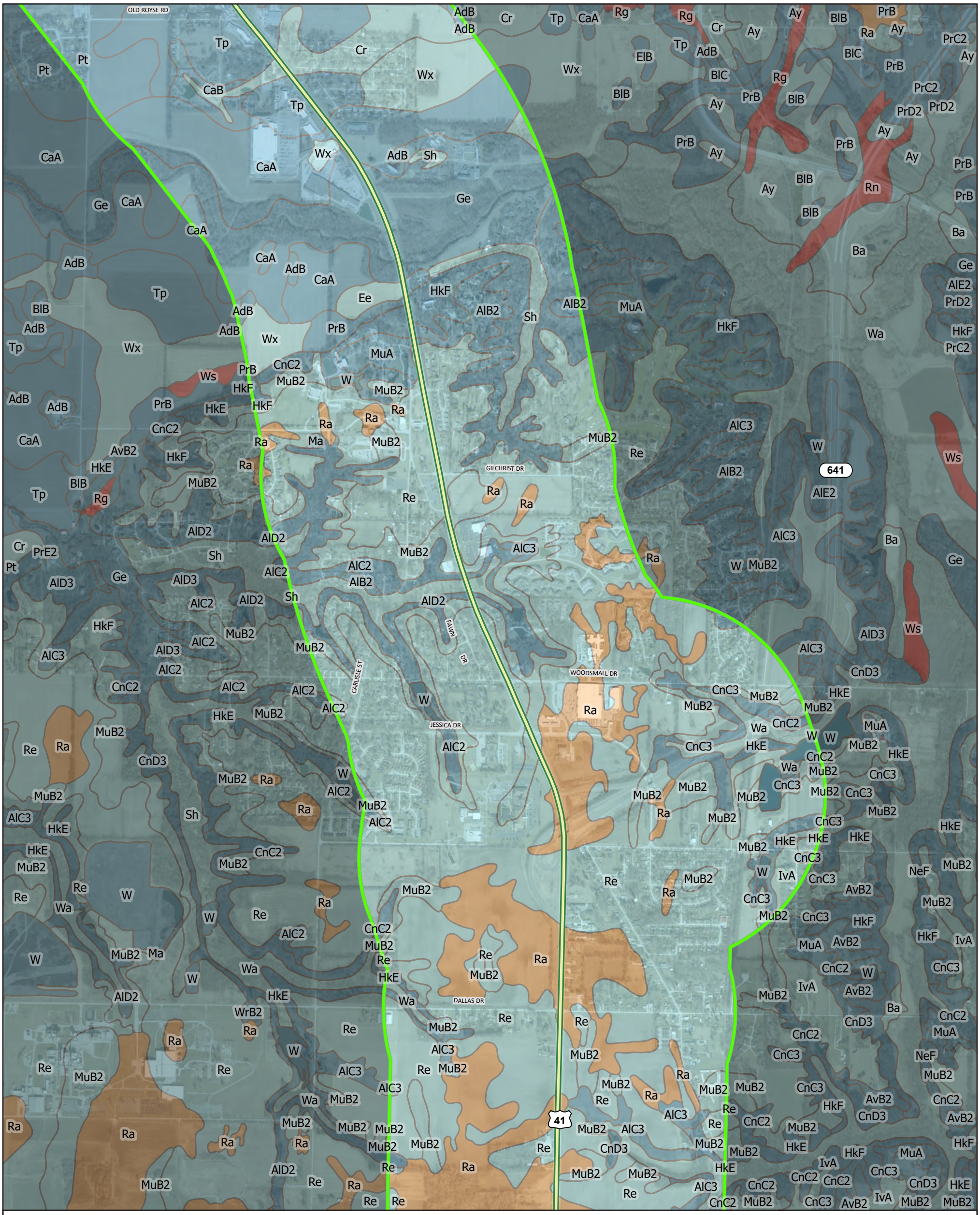
N
0 0.1 0.2 Miles
Scale: 1:18,000



Study Limits
Study Area Boundary

Hydric Soil Indicator
- Non-hydric
- Predominantly Non-hydric
- Predominantly Hydric
- Hydric

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



Hydric Soils

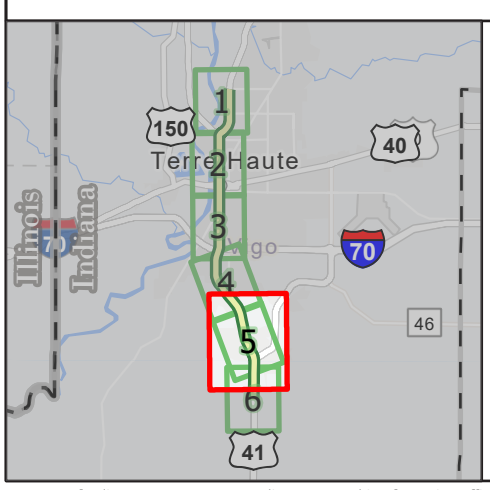
Series Page 5 of 7

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:18,000



Study Limits

Study Area Boundary

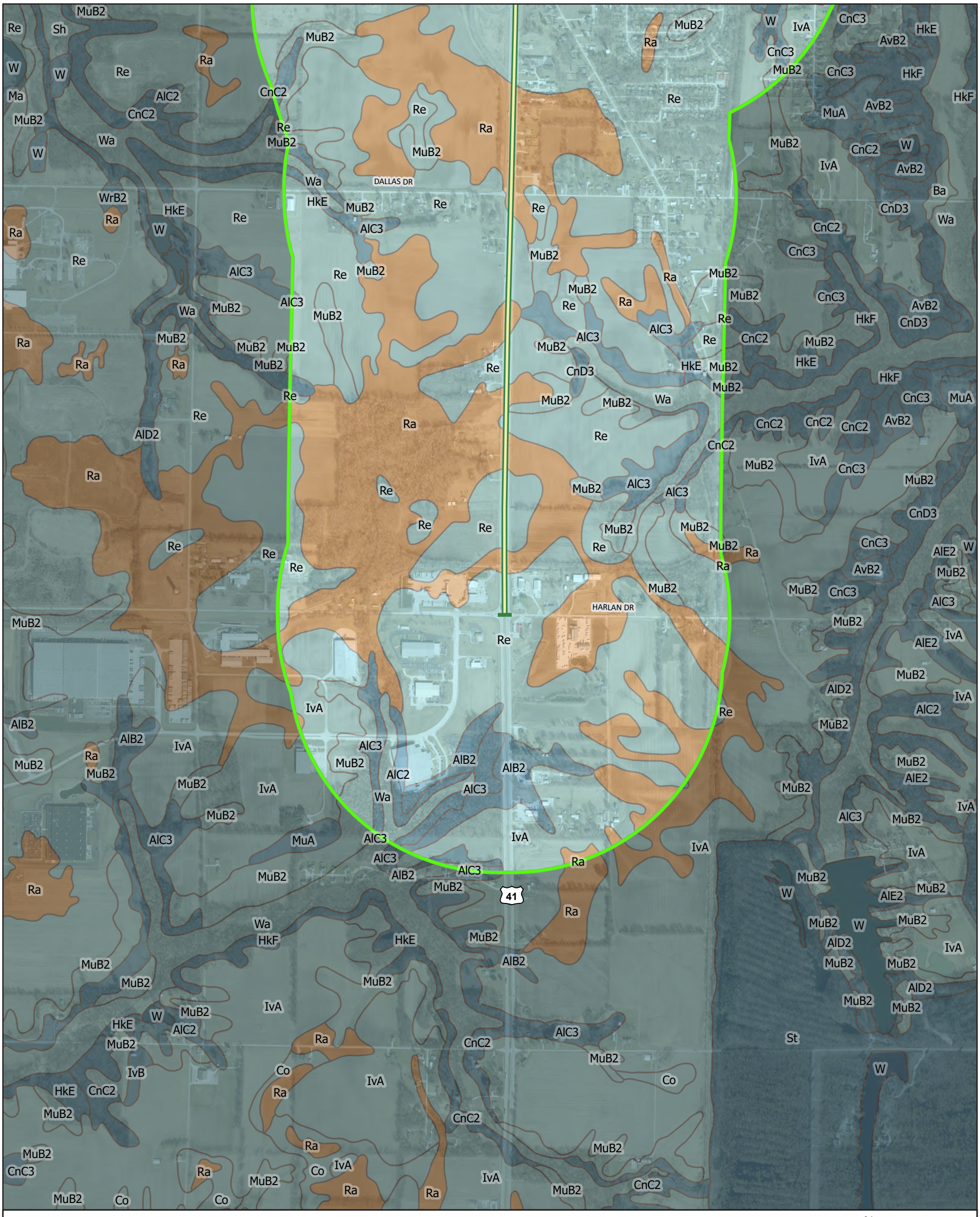
Hydric Soil Indicator

Non-hydric

Predominantly Non-hydric

Predominantly Hydric

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

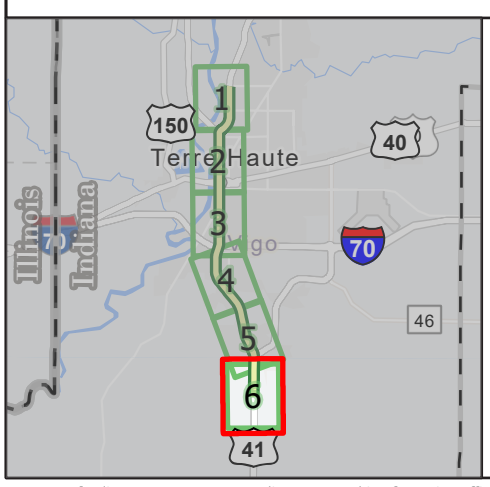
Hydric Soils

Series Page 6 of 7

N

0 0.1 0.2 Miles

Scale: 1:14,000



Study Limits

Study Area Boundary

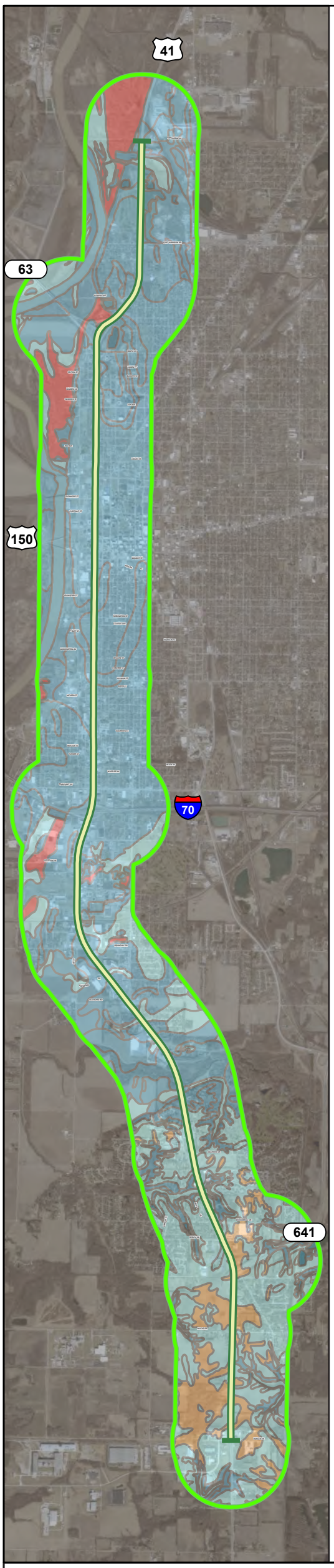
Hydric Soil Indicator

Non-hydric

Predominantly Non-hydric

Predominantly Hydric

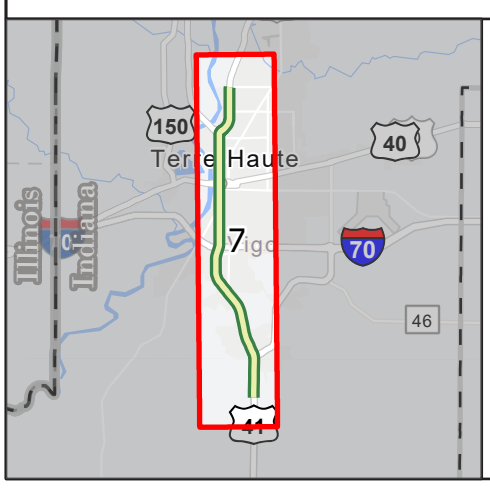
State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), INDOT Road Inventory, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



Mapunit Symbol	Mapunit Name	Hydric Percentage
AdB	Ade loamy fine sand, 2 to 6 percent slopes	0
AlB2	Alford silt loam, 2 to 5 percent slopes, eroded	0
AlC2	Alford silt loam, 5 to 10 percent slopes, eroded	0
AlC3	Alford silt loam, 5 to 10 percent slopes, severely eroded	0
AlD2	Alford silt loam, 10 to 18 percent slopes, eroded	0
Ar	Armiesburg silty clay loam	3
BlB	Bloomfield loamy fine sand, 2 to 6 percent slopes	0
BlC	Bloomfield loamy fine sand, 6 to 12 percent slopes	0
BlD	Bloomfield loamy fine sand, 12 to 18 percent slopes	0
Bp	Borrow pits	0
CaA	Camden silt loam, 0 to 2 percent slopes	0
CaB	Camden silt loam, 2 to 6 percent slopes	0
CnC2	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, eroded	0
CnC3	Cincinnati silt loam, Wabash Lowland, 6 to 12 percent slopes, severely eroded	0
CnD3	Cincinnati silt loam, 12 to 18 percent slopes, severely eroded	0
Cr	Crane silt loam	3
Ee	Eel silt loam, 0 to 2 percent slopes, frequently flooded	5
ElA	Elston sandy loam, 0 to 2 percent slopes	0
ElB	Elston sandy loam, 2 to 6 percent slopes	0
Ge	Genesee silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	0
Gf	Genesee fine sandy loam, sandy variant	3
Gp	Gravel pits	0
HkE	Hickory loam, 18 to 25 percent slopes	0
HkF	Hickory loam, 25 to 40 percent slopes	0
IvA	Iva silt loam, 0 to 2 percent slopes	5
Ma	Made land	0
MuA	Muren silt loam, 0 to 2 percent slopes	0
MuB2	Muren silt loam, 2 to 6 percent slopes, eroded	3
Pe	Petrolia silty clay loam	100
PrB	Princeton fine sandy loam, 2 to 6 percent slopes	0
Pt	Proctor silt loam	0
Ra	Ragsdale silt loam, 0 to 2 percent slopes	85
Re	Reesville silt loam, 0 to 2 percent slopes	5
Rg	Rensselaer loam	100
Rn	Rensselaer clay loam	100
RoG	Rodman gravelly loam, 25 to 50 percent slopes	0
Sh	Shoals silt loam, 0 to 2 percent slopes, frequently flooded, brief duration	4
Tp	Tippecanoe silt loam	0
Vn	Vincennes loam	100
W	Water	0
Wa	Wakeland silt loam	3
WrA	Warsaw sandy loam, 0 to 2 percent slopes	0
WrB2	Warsaw sandy loam, 2 to 6 percent slopes, eroded	0
Wx	Whitaker loam	3

PROPEL US 41
Smarter Transportation. Stronger Communities.

Hydric Soils
SSURGO Soils Table
Series Page 7 of 7



- Study Limits
- Study Area Boundary

Hydric Soil Indicator

- Non-hydric
- Predominantly Non-hydric
- Partially Hydric
- Predominantly Hydric
- Hydric

State of Indiana, INDOT, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0)

Attachment G
Protected Species Information

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Indiana Ecological Services Field Office
620 South Walker Street
Bloomington, IN 47403-2121
Phone: (812) 334-4261 Fax: (812) 334-4273

In Reply Refer To: 07/18/2025 20:18:59 UTC
Project Code: 2025-0123867
Project Name: ProPEL US 41

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The purpose of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 et seq.), is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 et seq.), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

The enclosed species list identifies threatened, endangered, proposed, and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Act.

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. You can complete this verification formally or informally or request an updated list by visiting the IPaC website at regular intervals during project planning and implementation.

Please use the species list provided and visit the U.S. Fish and Wildlife Service's Region 3 Section 7 Technical Assistance website at Midwest Section 7 Technical Assistance | U.S. Fish & Wildlife Service. This website contains step-by-step instructions to help you determine if your project will have an adverse effect on listed species and to lead you through the Section 7 process.

We appreciate your concern for threatened and endangered species. Federal agencies should

include conservation of threatened and endangered species into their project planning to further the purposes of the Act. **Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.**

Other Trust Resources and Activities

Bald and Golden Eagles - Although the bald eagle has been removed from the endangered species list, this species and the golden eagle are protected by the Bald and Golden Eagle Act and the Migratory Bird Treaty Act. It is the responsibility of the project proponent to survey the area for any migratory bird nests. If there is an eagle nest on-site while work is on-going, eagles may be disturbed. We recommend avoiding and minimizing disturbance to eagles whenever practicable. If you cannot avoid eagle disturbance, you may seek a permit. A nest take permit is always required for removal, relocation, or obstruction of an eagle nest. For communication and wind energy projects, please refer to additional guidelines below.

Migratory Birds - The Migratory Bird Treaty Act (MBTA) prohibits the taking, killing, possession, transportation, and importation of migratory birds, their eggs, parts, and nests, except when specifically authorized by the Service. The Service has the responsibility under the MBTA to proactively prevent the mortality of migratory birds whenever possible and we encourage implementation of recommendations that minimize potential impacts to migratory birds. Such measures include clearing forested habitat outside the nesting season (generally March 1 to August 31) or conducting nest surveys prior to clearing to avoid injury to eggs or nestlings.

Communication Towers - Construction of new communications towers (including radio, television, cellular, and microwave) creates a potentially significant impact on migratory birds, especially some 350 species of night-migrating birds. However, the Service has developed voluntary guidelines for minimizing impacts.

Transmission Lines - Migratory birds, especially large species with long wingspans, heavy bodies, and poor maneuverability can also collide with power lines. In addition, mortality can occur when birds, particularly hawks, eagles, kites, falcons, and owls, attempt to perch on uninsulated or unguarded power poles. To minimize these risks, please refer to guidelines developed by the Avian Power Line Interaction Committee and the Service. Implementation of these measures is especially important along sections of lines adjacent to wetlands or other areas that support large numbers of raptors and migratory birds.

Wind Energy - To minimize impacts to migratory birds and bats, wind energy projects should follow the Service's Wind Energy Guidelines. In addition, please refer to the Service's Eagle Conservation Plan Guidance, which provides guidance for conserving bald and golden eagles in the course of siting, constructing, and operating wind energy facilities.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Indiana Ecological Services Field Office
620 South Walker Street
Bloomington, IN 47403-2121
(812) 334-4261

PROJECT SUMMARY

Project Code: 2025-0123867
Project Name: ProPEL US 41
Project Type: Road/Hwy - Maintenance/Modification
Project Description: The Indiana Department of Transportation (INDOT) is initiating ProPEL US 41, a Planning and Environmental Linkage (PEL) study on US 41 in Vigo County, Indiana. Analysis and planning activities will be conducted in coordination with resource agencies, stakeholders, and the public. Transportation planning products from the PEL process will shape and inform subsequent project-specific environmental reviews conducted in accordance with the National Environmental Policy Act (NEPA).

ProPEL US 41 is a unique opportunity for the City of Terre Haute and Vigo County residents to envision the future of US 41 through Vigo County. The primary goal of the ProPEL US 41 study is to develop multiple high-level solutions for potential improvements to US 41 by examining safety, mobility, and environmental factors, while aligning with the economic and land use development visions of the City of Terre Haute, the Terre Haute Area Metropolitan Planning Organization (THAMPO), businesses and communities of interest within the study area, and regional users. This will set the long-term vision for investment along the US 41 corridor.

The ProPEL US 41 study limits include approximately 12.5 miles along US 41, from 1.54 miles south of SR 641 (Harlan Avenue) to 1.9 miles north of SR 63 (E. Haythorne Avenue).

Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@39.433627349999995,-87.41361643180136,14z



Counties: Vigo County, Indiana

ENDANGERED SPECIES ACT SPECIES

There is a total of 6 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Gray Bat *Myotis grisescens* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6329	Endangered
Indiana Bat *Myotis sodalis* There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat *Perimyotis subflavus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

BIRDS

NAME	STATUS
Whooping Crane *Grus americana* Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non-Essential

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus* There is **proposed** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/9743	Proposed Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Federal Highway Administration
Name: Christine Meador
Address: 111 Monument Circle, Suite 1200
City: Indianapolis
State: IN
Zip: 46204
Email cmeador@hntb.com
Phone: 3177135338

Division of Fish, Wildlife, & Nature Preserves
402 W. Washington St., Rm W267
Indianapolis, IN 46204-2739

July 23, 2025

Mackenzie Knotts
HNTB Corporation
111 Monument Circle, Suite 1200
Indianapolis, IN 46204

Dear Mackenzie Knotts:

I am responding to your request for information on the threatened or endangered (T&E) species, high quality natural communities, and natural areas for the US 41 ProPEL Study Area located within Vigo County, Indiana. The Indiana Natural Heritage Data Center has been checked and included you will find datasheets with information on the T&E species and managed lands documented within a 0.5 mile of the project area.

If you need a review of the impacts to the animal species mentioned or a general environmental review, you can submit the project information (description, location map, and copy of this letter) to the DNR Division of Fish, Wildlife, & Nature Preserves Environmental Coordinator, at environmentalreview@dnr.in.gov (preferred), or send to the street address below.

Department of Natural Resources
Environmental Review
Division of Fish, Wildlife, & Nature Preserves
402 W. Washington Street, Room W273
Indianapolis, IN 46204

The information I am providing does not preclude the requirement for further consultation with the U.S. Fish and Wildlife Service as required under Section 7 of the Endangered Species Act of 1973. If you have concerns about potential Endangered Species Act issues you should contact the Service at their Bloomington, Indiana office.

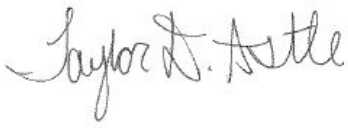
U.S. Fish and Wildlife Service
620 South Walker Street
Bloomington, Indiana 47403-2121
(812)334-4261

Please note that the Indiana Natural Heritage Data Center relies on the observations of many individuals for our data. In most cases, the information is not the result of comprehensive field surveys conducted at particular sites. Therefore, our statement that there are no documented significant natural features at a site should not be interpreted to mean that the site does not support special plants or animals.

Due to the dynamic nature and sensitivity of the data, this information should not be used for any project other than that for which it was originally intended. It may be necessary for you to request updated material from us in order to base your planning decisions on the most current information.

Thank you for contacting the Indiana Natural Heritage Data Center. You may reach me at (317)233-2558 if you have any questions or need additional information.

Sincerely,



Taylor Davis Astle
Indiana Natural Heritage Data Center

Enclosure: invoice
datasheets

July 23, 2025

MANAGED LANDS WITHIN 0.5 MILE OF:

US 41 ProPEL Study Area, Vigo County

OWNER	UNIT NAME	SUBUNIT NAME	DEDICATED	LWCF
L/CITY OF TERRE HAUTE				
	Fairbanks Park Public Access Site	Fairbanks Park Public Access Site	N	Y;1800406;
L/TERRE HAUTE PARK BOARD				
	Collett Park	Collett Park	N	N
	Dresser Memorial Park	Dresser Memorial Park	N	N
	Fairbanks Park	Fairbanks Park	N	Y;1800406;
	Maple Ave Public Access Site	Maple Ave Public Access Site	N	N
	Memorial Park	Memorial Park	N	N
	Oakley Park	Oakley Park	N	N
	Sixth Street Boulevard	Sixth Street Boulevard	N	N
	Voorhees Park	Voorhees Park	N	Y
S/DNR FW				
	HRI Wabash River	Vigo County North Conservation Area	N	N
	Wabash River Conservation Area	Wabash River Conservation Area	N	N
	Wabashiki Fish and Wildlife Area	Wabashiki Fish and Wildlife Area	N	N

July 23, 2025

INDIANA HERITAGE DATA WITHIN 0.5 MILE OF:

US 41 ProPEL Study Area, Vigo County

Sci. Name	Com. Name	State	Fed.	Date	Site	Comments
Bird						
Chordeiles minor	Common Nighthawk	SSC		2022	[redacted]	
Falco peregrinus	Peregrine Falcon	SSC		2020	[redacted]	[redacted]
Haliaeetus leucocephalus	bald eagle			2010	[redacted]	[redacted]
Haliaeetus leucocephalus	bald eagle			2016	[redacted]	[redacted]
Fish						
Acipenser fulvescens	Lake Sturgeon	SE		1938	[redacted]	
Insect Hymenoptera						
Bombus affinis	Rusty-patched Bumble Bee	SE	E	2001	[redacted]	
Mammal						
Lasionycteris noctivagans	silver-haired bat	SSC		2019	[redacted]	[redacted]
Lasiurus borealis	Eastern Red Bat	SSC		2019	[redacted]	[redacted]
Myotis sodalis	Indiana Myotis	SE	E	2019	[redacted]	[redacted] E

Fed: E = Federal endangered; T = Federal threatened; C = Federal candidate species
State: SE = State endangered; ST= State threatened; SR = State rare; SX = State extirpated; SSC = State species of special concern; SG = State significant; no rank - not ranked but tracked to monitor status

Sci. Name	Com. Name	State	Fed.	Date	Site	Comments
Mollusk						
Leptodea leptodon	Scaleshell	SX	E	0	[redacted]	HISTORICAL. (GORDON, 1998).
Reptile						
Clonophis kirtlandii	Kirtland's snake	SE		1892	[redacted]	
Vascular Plant						
Hymenopappus scabiosaeus	Carolina woollywhite	SE		1890	[redacted]	
Lithospermum incisum	narrow-leaved puccoon	SE		0	[redacted]	
Silene regia	royal catchfly	SE		1953	[redacted]	
Trifolium reflexum var. glabrum	buffalo clover	SE		0	[redacted]	

Fed: E = Federal endangered; T = Federal threatened; C = Federal candidate species
State: SE = State endangered; ST= State threatened; SR = State rare; SX = State extirpated; SSC = State species of special concern; SG = State significant; no rank - not ranked but tracked to monitor status

Mackenzie Knotts

From: Lawson, Michael J <MiLawson@indot.IN.gov>
Sent: Thursday, July 24, 2025 8:45 AM
To: Mackenzie Knotts
Cc: Asadpour, Robabeh; Ervin, Brock; Stahl, Amelia; Christine Meador; Daniel Miller; Sarah Lightner
Subject: RE: DES NO. 2301263 - US 41 ProPEL - Request for 0.5 - mile USFWS Database Search

External Email: Use caution when clicking on links, replying, or opening attachments.

Thank you for your request for the protected species check for Des. No. **2301263**. On **7/24/2025**, we conducted a review of the USFWS confidential database for recorded Indiana bat, northern long-eared bat, and tricolored bat sites. We've also reviewed the half-mile area against the Indiana Natural Heritage Database and areas of critical habitat for the salamander mussel. Below are the results of this records check. Please forward a copy of this e-mail when requesting your IPaC review.

IN/NLEB Check (USFWS Confidential Bat Data & Karst Review Layers)
A review of GIS-based confidential endangered species mapping within a half-mile of the project area was reviewed. One or more records were identified within a half-mile of the project area.

- The site is not within 0.25 mile of the recorded **capture** site; therefore, the project does not occur within documented habitat. No further coordination is needed. **Please note this information in the IPaC project description.**

Karst Areas: A review was also conducted to determine if the project is within a karst area, in terms of the IPaC determination key (within the Crawford Upland, Mitchell Plateau, or Mascatatuck Plateau physiographical units). The project is not located within a physiographical unit that, for the purposes of IPaC, is considered to be a karst area.

The USFWS Information for Planning and Conservation (IPaC) website must be consulted to create a project, obtain an official species list, and determine the programmatic consultation's applicability. Please use the above information when providing answers to the determination key, then notify INDOT to obtain concurrence with the determination.

Other Endangered or Threatened Species: IPaC requests an effect determination regarding "other species" that are not covered by the range-wide Programmatic BO/CO identified on the Official Species List for the project. INDOT, on behalf of FHWA, is responsible for determining the effect findings for these species. If other endangered or threatened species are present on the list, please coordinate with the District Environmental (DE) staff via email to propose and support the appropriate determination. It is recommended that this occur prior to submitting for IPaC review. Once DE concurs with the determination, IPaC may be submitted. If informal or formal consultation is necessary, please add a brief statement in the IPaC project description to explain that consultation with USFWS is ongoing for species not covered by the range-wide Programmatic BO/CO.

Natural Heritage Database Check
The Indiana Natural Heritage Database GIS layer was reviewed for plant or animal species listed as state or federally threatened, endangered, or rare, as well as listed terrestrial communities. There **are** Natural Heritage GIS records located within a half-mile of the project area.

The following categories of species or communities were identified:

Invertebrate Animal – Scaleshell, Leptodea leptodon (Federally Endangered, State Extirpated)

Vertebrate Animal – Ohio Lamprey, Ichyomyzon bdellium

Vertebrate Animal – Lake Sturgeon, Acipenser fulvescens (State Endangered)

Vertebrate Animal – Peregrine Falcon, Falco peregrinus (State Special Concern)

Vertebrate Animal – Bald Eagle, Haliaeetus leucocephalus (Nest location is over 1000 ft. from project area)

Vascular Plant – Buffalo Clover, Trifolium reflexum var. glabrum (State Endangered)

Vascular Plant – Narrow-leaved Puccoon, Lithospermum incisum (State Endangered)

Vascular Plant – Royal Catchfly, Silene regia (State Endangered)

Vascular Plant – Carolina Woollywhite, Hymenopappus scabiosaeus (State Endangered)

Due to the possible presence of the above species and/or communities, coordination with IDNR-DFW may be needed. Please review the project for potential impacts to habitat for the species or communities listed above. ***If the project may impact such habitat, coordination will be required.***

Salamander Mussel Check

The salamander mussel is a proposed endangered species for which USFWS has identified proposed critical habitat within Indiana. Section 7 coordination is required when a project could endanger the existence of the proposed species or cause harm to the proposed critical habitat. A review for proposed critical habitat of the salamander mussel has been conducted. There is no proposed critical habitat within at least a half-mile of the project area.

Monarch Butterfly

The monarch butterfly is a proposed threatened species; however, the USFWS has not identified any critical habitat within Indiana. Therefore, as this project will not impact critical habitat of the monarch butterfly, and as it does not jeopardize its continued existence, no further coordination is required under Section 7 of the Endangered Species Act.

Reminder: To assist INDOT, please be certain to include this e-mail when requesting our review of the IPaC submission materials.

Thank you for working with INDOT on this project, if you have any questions please feel free to reach out!

Michael (Mike) Lawson
Environmental Manager
Capital Program Management Division
Crawfordsville District, INDOT
41 West 300 North
Crawfordsville, IN 47933
Office: (765)366-0781
Email: MiLawson@indot.in.gov
Find us on social media!

Indiana County Endangered, Threatened and Rare Species List

County: Vigo

Indiana Department of Natural Resources

Species Name	Common Name	FED	STATE	GRANK	SRANK
Crustacean: Malacostraca					
Caecidotea dunlaporum	Dunlap's groundwater isopod			GNR	SNR
Mollusk: Bivalvia (Mussels)					
Cyprogenia stegaria	fanshell	E	SE	G1	S1
Epioblasma flexuosa	Leafshell		SX	GX	SX
Epioblasma propinqua	Tennessee Riffleshell		SX	GX	SX
Epioblasma rangiana	northern riffleshell	E	SE	G1	S1
Epioblasma sampsonii	Wabash Riffleshell		SX	GX	SX
Epioblasma torulosa	Tubercled Blossom	DL	SX	GX	SX
Fusconaia subrotunda	Longsolid	T	SX	G3	SX
Lampsilis abrupta	pink mucket	E	SX	G1G2	SX
Lampsilis ovata	pocketbook		SSC	G5	S2
Leptodea leptodon	Scaleshell	E	SX	G1G2	SX
Ligumia recta	black sandshell		SSC	G4G5	S2
Obovaria retusa	Ring Pink	E	SX	G1	SX
Obovaria subrotunda	round hickorynut	T	SE	G3	S1
Plethobasus cicatricosus	White Wartyback	E	SX	G1	SX
Plethobasus cyphyus	sheepnose	E	SE	G2G3	S1
Pleurobema clava	clubshell	E	SE	G1G2	S1
Pleurobema cordatum	Ohio pigtoe		SSC	G3G4	S2
Pleurobema plenum	rough pigtoe	E	SE	G1	S1
Pleurobema rubrum	Pyramid Pigtoe		SX	G2	SX
Ptychobranchus fasciolaris	kidneyshell		SSC	G4G5	S2
Theliderma cylindrica	rabbitsfoot	T	SE	G3	S1
Insect: Hymenoptera					
Bombus affinis	Rusty-patched Bumble Bee	E	SE	G2	S1
Arachnida					
Sergiolus minutus	an antmimic spider		ST	GNR	S2
Fish					
Acipenser fulvescens	Lake Sturgeon		SE	G3G4	S1
Moxostoma valenciennesi	Greater Redhorse		SE	G4	S2
Amphibian					
Acris blanchardi	Blanchard's cricket frog		SSC	G5	S4
Cryptobranchus alleganiensis alleganiensis	hellbender	E, PE	SE	G3T2	S1
Lithobates areolatus circulosus	northern crawfish frog		SE	G4T4	S2
Lithobates blairi	plains leopard frog		SE	G5	S2
Necturus maculosus	common mudpuppy		SSC	G5	S3
Reptile					
Clonophis kirtlandii	Kirtland's snake		SE	G2	S3

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

Fed: E = Endangered; T = Threatened; C = candidate; PDL = proposed for delisting

State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant

GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank

SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; S4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; M = migratory status; SU = unranked; SNR = unranked; SNA = nonbreeding status unranked

Indiana County Endangered, Threatened and Rare Species List

County: Vigo

Species Name	Common Name	FED	STATE	GRANK	SRANK
Kinosternon subrubrum subrubrum	eastern mud turtle		SE	G5T5	S1
Terrapene carolina carolina	woodland box turtle		SSC	G5T5	S3
Bird					
Accipiter striatus	Sharp-shinned Hawk		SSC	G5	S2B
Ammodramus henslowii	Henslow's sparrow		SE	G4	S3B
Ardea alba	Great Egret		SSC	G5	S1B
Bartramia longicauda	Upland Sandpiper		SE	G5	S3B
Botaurus lentiginosus	American Bittern		SE	G5	S2B
Chordeiles minor	Common Nighthawk		SSC	G5	S4B
Circus hudsonius	Northern Harrier		SE	G5	S2
Cistothorus palustris	marsh wren		SE	G5	S3B
Colinus virginianus	Northern Bobwhite		SSC	G4G5	S4
Cygnus buccinator	Trumpeter Swan		SE	G4	S1B
Falco peregrinus	Peregrine Falcon		SSC	G4	S2B
Haliaeetus leucocephalus	bald eagle			G5	S3
Ixobrychus exilis	Least Bittern		SE	G4	S3B
Lanius ludovicianus	loggerhead shrike		SE	G4	S2B
Nyctanassa violacea	Yellow-crowned Night-heron		SE	G5	S2B
Tyto alba	Barn Owl		SE	G5	S2
Vermivora chrysoptera	Golden-winged Warbler	C	SE	G4	S1B
Mammal					
Lasionycteris noctivagans	Silver-haired Bat		SSC	G3G4	S3
Lasiurus borealis	Eastern Red Bat		SSC	G3G4	S3
Mustela nivalis	Least Weasel		SSC	G5	S2?
Myotis lucifugus	Little Brown Myotis	C	SE	G3G4	S1
Myotis septentrionalis	Northern Long-eared Myotis	E	SE	G2G3	S1
Myotis sodalis	Indiana Myotis	E	SE	G2	S1
Nycticeius humeralis	Evening Bat		SE	G5	S3
Perimyotis subflavus	Tricolored Bat		SE	G3G4	S1
Taxidea taxus	badger		SSC	G5	S2
Vascular Plant					
Anemone caroliniana	Carolina anemone		SX	G5	SX
Carex conoidea	prairie gray sedge		ST	G5	S2
Carex gravida	heavy sedge		SE	G5	S1
Cuscuta cuspidata	cusp dodder		SE	G5	S1
Didiplis diandra	water-purslane		SE	G3G4	S1
Echinodorus berteroi	tall bur-head		SE	G5	S1
Gaura filipes	slender-stalked gaura		SE	G5	S2
Heterotheca camporum var. camporum	hairy golden-aster		ST	G5TNR	S3
Hymenopappus scabiosaeus	Carolina woollywhite		SE	G4G5	S1

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

Fed: E = Endangered; T = Threatened; C = candidate; PDL = proposed for delisting

State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant

GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank

SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; S4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; M = migratory status; SU = unranked; SNR = unranked; SNA = nonbreeding status unranked

Indiana County Endangered, Threatened and Rare Species List

County: Vigo

Indiana Department of Natural Resources

Species Name	Common Name	FED	STATE	GRANK	SRANK
Liatris pycnostachya	cattail gay-feather		SE	G5	S1
Liatris pycnostachya var. pycnostachya	cattail gay-feather			G5T5	S1
Lithospermum incisum	narrow-leaved puccoon		SE	G5	S1
Lithospermum parviflorum	shaggy false-gromwell		SE	G4G5T4	S1
Ranunculus ambigens	water-plantain spearwort		SE	G2	S1
Rorippa aquatica	lake cress		SE	G4?	S1
Sanguisorba canadensis	Canada burnet		SE	G5	S1
Silene regia	royal catchfly		SE	G3	S1
Trautvetteria caroliniensis	Carolina tassel-rue		SX	G5	SX
Trifolium reflexum var. glabrum	buffalo clover		SE	G3G4T2T4Q	S1
High Quality Natural Community					
Barrens - sand	Sand Barrens		SG	G3	S2
Forest - floodplain wet	Wet Floodplain Forest		SG	G3?	S3
Forest - upland dry-mesic Southwestern Lowlands	Southwestern Lowlands Dry-mesic Upland Forest		SG	GNR	S1
Forest - upland mesic Southwestern Lowlands	Southwestern Lowlands Mesic Upland Forest		SG	GNR	S1
Wetland - marsh	Marsh		SG	GU	S4
Wetland - swamp forest	Forested Swamp		SG	G2?	S2
Wetland - swamp shrub	Shrub Swamp		SG	GU	S2
Other Significant Feature					
Colonial Wading Bird Colony			SG	G5	SNR
Freshwater Mussel Concentration Area	Mussel Bed		SG	G3	SNR
Migratory Bird Concentration Area			SG	G3	SNRM
Raptor Migratory Concentration Area			SG	GNR	SNR
Raptor Winter Concentration Area			SG	GNR	SNR
Shorebird Migratory Concentration Area			SG	GNR	SNR

Indiana Natural Heritage Data Center
Division of Nature Preserves
Indiana Department of Natural Resources
This data is not the result of comprehensive county surveys.

Fed: E = Endangered; T = Threatened; C = candidate; PDL = proposed for delisting

State: SE = state endangered; ST = state threatened; SR = state rare; SSC = state species of special concern; SX = state extirpated; SG = state significant

GRANK: Global Heritage Rank: G1 = critically imperiled globally; G2 = imperiled globally; G3 = rare or uncommon globally; G4 = widespread and abundant globally but with long-term concerns; G5 = widespread and abundant globally; G? = unranked; GX = extinct; Q = uncertain rank; T = taxonomic subunit rank

SRANK: State Heritage Rank: S1 = critically imperiled in state; S2 = imperiled in state; S3 = rare or uncommon in state; S4 = widespread and abundant in state but with long-term concern; SG = state significant; SH = historical in state; SX = state extirpated; B = breeding status; M = migratory status; SU = unranked; SNR = unranked; SNA = nonbreeding status unranked

Attachment H
Above-ground Cultural Resources Memo

PROPEL

Smarter Transportation. Stronger Communities.

US 41

Above-Ground Cultural Resources Identification Memorandum

AUTHOR

Gray & Pape, Inc.

Prepared by:

HNTB

Table of Contents

1.0 Introduction 1
1.1 Purpose of this Memorandum 1
1.2 Study Description 2
1.3 US 41 Study Corridor Overview 2
2.0 Cultural Resources Identification 4
2.1 Methodology 4
2.2 Caveats 6
3.0 Conclusion 7
4.0 References 8
Appendix A: Above-Ground Cultural Resources 9

List of Figures

Figure 1: ProPEL US 41 Study Location, Vigo County, Indiana 3

Appendix A

Appendix A: 1. Above-Ground Cultural Resources (map)
Appendix A: 2. Parcels developed between 1944 and 1985 (map)
Appendix A: 3. National Register of Historic Places Listed Properties: Districts
Appendix A: 4. National Register of Historic Places Listed Properties: Buildings, Structures, Sites, and Objects
Appendix A: 5. Indiana Historic Sites and Structures Inventory of Outstanding and Notable Properties (Potentially National Register eligible)
Appendix A: 6. Properties Previously Recommended as Eligible
Appendix A: 7. Cemeteries

1.0 Introduction

1.1 Purpose of this Memorandum

The Indiana Department of Transportation (INDOT) is initiating ProPEL US 41, a Planning and Environmental Linkage (PEL) study on US 41 in Vigo County, Indiana. Analysis and planning activities will be conducted in coordination with the public, resource agencies, and stakeholders including the City of Terre Haute, Vigo County, Terre Haute Area Metropolitan Planning Organization (THAMPO), Vigo County Area Plan Commission, Terre Haute Redevelopment, Terre Haute Area Economic Development, Terre Haute Transit Utility, Terre Haute Regional Airport, Vigo County School Corporation, Indiana State University, Rose-Hulman Institute of Technology, Ivy Tech Community College – Terre Haute, healthcare facilities, and private sector/logistics facilities. Transportation planning products from the PEL process will shape and inform subsequent project-specific environmental reviews conducted in accordance with the National Environmental Policy Act (NEPA).

ProPEL US 41 is a unique opportunity for the City of Terre Haute and Vigo County residents to share their vision for the future of US 41 through Vigo County. The primary goal of the ProPEL US 41 study is to develop multiple high-level solutions for potential improvements to US 41 by examining safety, mobility, and environmental factors, while aligning with the economic and land use development visions of the City of Terre Haute, the THAMPO, businesses and communities of interest within the study area, and regional users. This will set the long-term vision for transportation infrastructure investments along the US 41 corridor. Transportation infrastructure investments include a range of projects that would enhance the safety, mobility, efficiency, and sustainability of the transportation system and could include road and bridge projects, transit system changes, and multimodal projects such as bicycle lanes and sidewalks.

The ProPEL US 41 Study limits include approximately 12.5 miles along US 41, from 1.54 miles south of SR 641 (Harlan Avenue) to 1.9 miles north of SR 63 (E. Haythorne Avenue). This *Above-Ground Cultural Resources Identification Memorandum* was prepared for the ProPel US 41 Study.

As part of the data-gathering phase, the purpose of the ProPEL US 41 Study is to collect information on previously identified above-ground cultural resources that are listed in or eligible for listing in the National Register of Historic Places (NRHP) or may be potentially eligible for listing in the NRHP. For the purposes of this identification, an above-ground cultural resource may be any historically significant building, site (such as a cemetery), structure (such as a bridge), object,

or district, as defined by the NRHP.[1] Additionally, data is provided on all known cemeteries, regardless of NRHP eligibility. Archaeological resources are described in a separate memorandum.

This identification is a planning tool to help inform INDOT, the public, and stakeholders of cultural resources along the US 41 corridor. Specifically, any improvement projects that develop with federal involvement as a result of the ProPEL US 41 Study must comply with Section 106 of the National Historic Preservation Act (NHPA) and its implementing regulations under 36 CFR Part 800. Under Section 106, federal agencies must identify and assess their actions on those cultural resources that are listed in or eligible for listing in the NRHP and seek ways to avoid, minimize and/or mitigate adverse effects. The data collected for the ProPEL US 41 Study will help identify any properties currently listed in the NRHP and those that have the potential to be eligible for listing based on previous surveys. Official determinations of NRHP eligibility will occur in the future during the Section 106 process for any federally funded or approved project programmed from the ProPEL US 41 Study.

Separate from the Section 106 process, development near or within cemeteries may be subject to requirements of Indiana state law regarding Cemetery Development Plans as well as the "prohibition on road and utility construction in cemeteries" described in Indiana Code 14-21-1-26.5 and Indiana Code 23-14-44-1, respectively. Cemetery information is included in this ProPEL US 41 Study to facilitate compliance with these processes.

1.2 Study Description

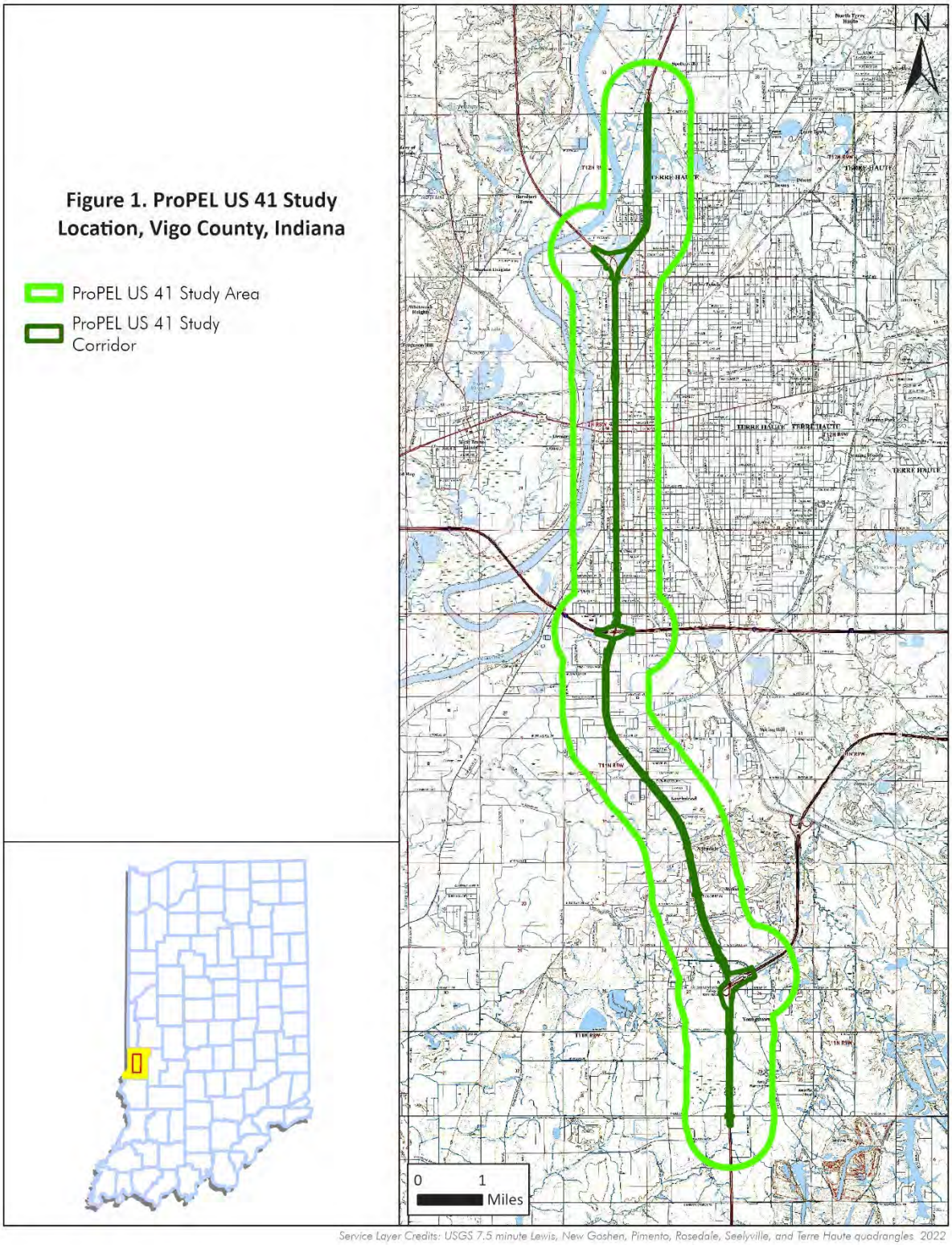
The ProPEL US 41 Study area extends from 1.54 mi south of SR 641 (Harlan Ave.) to 1.9 mi north of SR 63 (East Haythorne Ave.), from RP 105+000 to RP 116+000.

1.3 US 41 Study Corridor Overview

The US 41 corridor is a four-lane principal arterial roadway located in a primarily urban setting with two lanes in each direction separated by a grass median. The built environment along the US 41 corridor is primarily urban, with scattered residential and commercial properties throughout the corridor, although the southern terminus of the project and the alluvial floodplains of the Wabash River contain some agricultural areas.

[1] National Park Service (1997), *How to Complete the National Register Registration Form*, 15.

Figure 1: ProPEL US 41 Study Location, Vigo County, Indiana



2.0 Cultural Resources Identification

2.1 Methodology

For the purposes of the ProPEL US 41 Study, a study area consisting of a 0.5-mile radius surrounding the US 41 right-of-way was delineated. Within this boundary, a desktop survey and literature review of previously identified above-ground cultural resources (listed, eligible, or potentially eligible for the NRHP) was conducted.

The primary resource referenced for this study was the Indiana State Historic Architectural and Archaeological Research Database (SHAARD) and the associated Indiana Historic Buildings, Bridges and Cemeteries Map (IHBBCM). SHAARD is a collection of surveyed resources in the state maintained by the Indiana Department of Natural Resources, Division of Historic Preservation and Archaeology; IHBBCM is its searchable GIS component.

SHAARD data referenced for this study includes the following:

- **Properties (whether individual properties or districts) listed in the NRHP**.
  Individual properties or districts listed in the NRHP are presumed to maintain their eligibility unless there has been a known demolition or substantial alteration that would compromise eligibility.

- **Properties assigned a rating of Outstanding or Notable in the Indiana Historic Sites and Structures Inventory (IHSSI)**. Outstanding and Notable properties were deemed, at the time of inventory, to exhibit characteristics or have known historic associations that indicate they may be historically significant. Although they are not automatically eligible for the NRHP, they are considered likely to be eligible for listing. As with the NRHP, properties deemed Outstanding or Notable are presumed to maintain their potential eligibility unless there has been a known, substantial alteration. Properties rated "Contributing" in the IHSSI are not included as they are generally not considered eligible.

  The ratings in the IHSSI are based in the *Vigo County Interim Report*, a 1984 document prepared by the Historic Landmarks Foundation of Indiana (now Indiana Landmarks). The Interim Report surveys buildings, structures, and districts that were at least 40 years old (i.e., built in 1944 or earlier) at the time of its publication. For that reason, some post-1944 above-ground historic resources may exist that are not included in the IHSSI (see below).

- **Properties listed in the Indiana Register of Historic Sites and Structures (State Register).**
  Properties listed in the State Register are also likely to be eligible for the NRHP. However,

a review of SHAARD data shows that all State Register properties within the study area are already listed in the NRHP or already noted as Outstanding or Notable in the IHSSI, or both (in other words, no additional historic properties within the ProPEL US 41 study area were identified using the State Register).

- **Cemeteries.** All cemeteries indicated in SHAARD data are included in this study, regardless of NRHP eligibility.

Other sources referenced for this PEL include:

- **Previous Section 106 reports and documentation.** Available via the INDOT Cultural Resources Office Public Map and the Indiana Section 106 Consultation and Outreach Portal Enterprise (IN SCOPE), previous Section 106 historic property reports provide recommendations of NRHP eligibility. This yielded one additional historic property not indicated in SHAARD.

- **Indiana Historic Bridge Inventory**. In addition to the IHSSI, the Indiana Historic Bridge Inventory (prepared for the Indiana Department of Transportation in 2009) also identifies bridges likely to be eligible for the NRHP. The Indiana Historic Bridge Inventory identifies no historic bridges within the study area.

Additional background information was provided by the following:

- **Aerial photography and street-level imagery**. In some cases, properties may have been demolished, destroyed, or otherwise greatly altered since the time of their documentation, resulting in a loss of likely eligibility. Available imagery was used to confirm that all resources listed in the NRHP are extant.

- **Property parcel records**. The 2022 GIS Data Harvest Program was used to include parcel information and approximate ages of primary buildings. In part, this data will help identify post-1944 historic properties that were not included in the IHSSI. Although field survey was not conducted as a part of the ProPEL US 41 Study, this information will facilitate the identification of areas that may warrant future survey.

Maps depicting the parcel age ranges (where available) in the study area are included in Appendix A and are provided separately as shapefiles. In some instances, available parcel data did not include construction dates.

2.2 Caveats

Several factors should be considered in interpreting the information presented as part of the ProPEL US 41 Study:

- No fieldwork or windshield reconnaissance was conducted. The resources were identified through a desktop survey using data obtained from the sources cited above.

- The IHSSI ratings are indicators of likely NRHP eligibility. Final NRHP evaluations would occur with future Section 106 projects and utilize additional research, analysis, and contextual comparison not provided in this study. It is possible that Outstanding and Notable properties may be determined not to be eligible; conversely, Contributing properties or those not surveyed could later be found to be eligible.

- As mentioned above, properties built after 1944 (that is, properties less than forty years old at the time of the 1984 survey) are generally not included in the IHSSI data. Therefore, there will likely be some relatively newer properties along the corridor that are NRHP eligible but have not yet been identified or surveyed. Future surveys and evaluations should focus on properties developed between 1944 and 1985 as shown in Appendix A.

3.0 Conclusion

For the ProPEL US 41 Study, this memorandum identifies above-ground resources currently listed in the NRHP and those that appear to be potentially eligible based on previous surveys and Section 106 documentation. Additionally, parcel data (Appendix A) is provided to facilitate future survey efforts, especially concerning relatively recent (i.e., post 1944) properties that have generally never been surveyed. This identification is intended as a planning tool and is not a final determination. Any federally funded or approved undertaking will follow the Section 106 process in which properties will be evaluated for NRHP eligibility. Finally, cemetery locations are included as a separate analysis.

In summary, the study area contains 33 above-ground properties (27 individual properties and 6 districts) listed in the NRHP. The Indiana Historic Sites and Structures Inventory (IHSSI) identifies 138 Outstanding and 197 Notable properties that are potentially eligible for the NRHP (There will be some overlap in these numbers as properties that are listed in the NRHP are often also rated as Outstanding or Notable in the IHSSI). There are five cemeteries in the study area.

The results of the ProPEL US 41 Study are shown in the included maps (Appendix A), property tables (Appendix B), and provided separately as shapefiles.

4.0 References

Historic Landmarks Foundation of Indiana

1984 *Vigo County Interim Report*. Historic Landmarks Foundation of Indiana, Indianapolis.

Indiana Department of Transportation (INDOT)

2009 Indiana Historic Bridges Inventory Summary & Results. Electronic database, https://www.in.gov/indot/current-programs/green-initiatives/indiana-historic-bridges-inventory/historic-bridges-inventory-summary-and-results/, assessed August 5, 2025.

2025 *Indiana Section 106 Consultation and Outreach Portal Enterprise.* Electronic document, https://erms12c.indot.in.gov/Section106Documents/, assessed August 5, 2025.

Indiana Division of Historic Preservation and Archaeology

2007 Indiana State Historic Architectural and Archaeological Research Database, SHAARD. Electronic database, https://secure.in.gov/apps/dnr/shaard/welcome.html, assessed August 5, 2025.

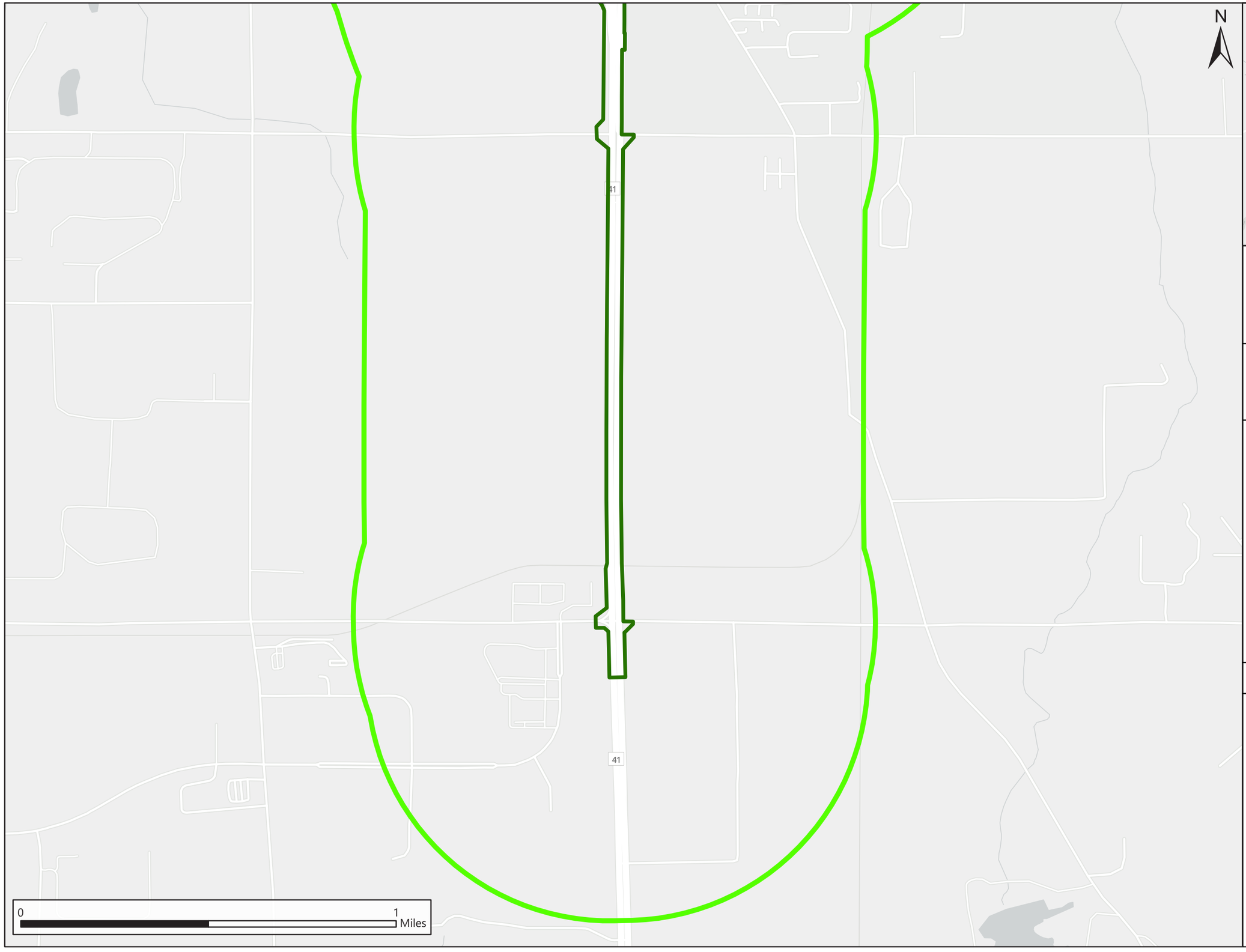
National Park Service

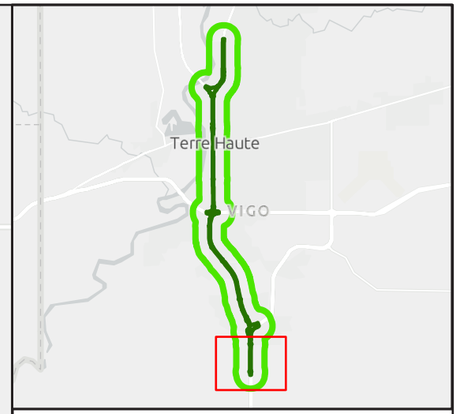
1997 *National Register Bulletin: How to Complete the National Register Registration Form*. National Park Service, Washington.

Wentraut & Associates, Inc.

2024 *Historic Property Report: Margaret Avenue Improvement Project–Phase 2, Terre Haute, Vigo County, Indiana* (DES. No. 2300593, DHPA No. 31741). Prepared for American Structurepoint for the City of Terre Haute.

Appendix A: Above-Ground Cultural Resources





Above-Ground Cultural Resources

Page 1 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

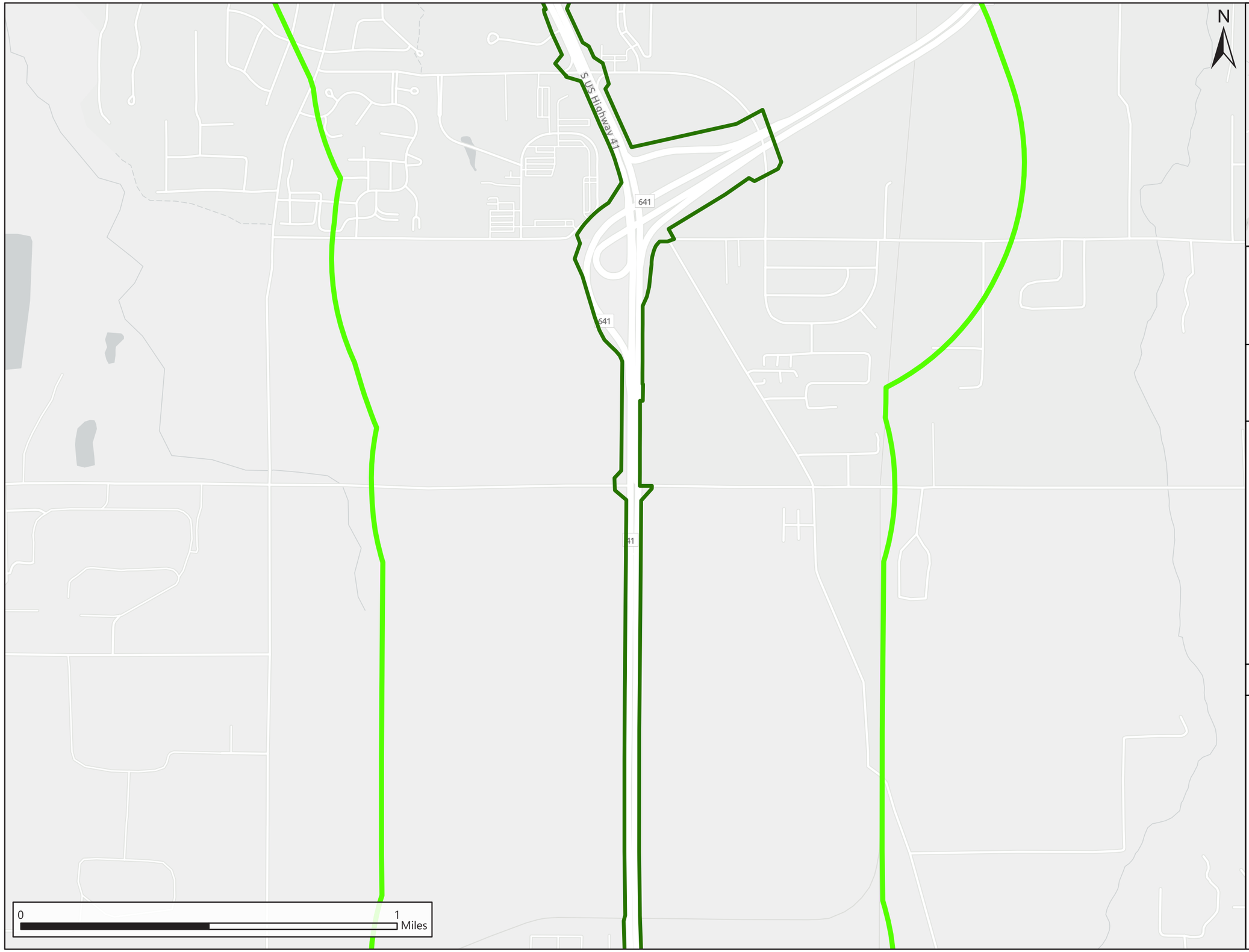
rating

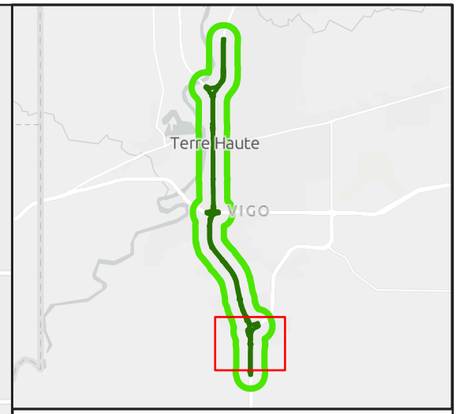
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 2 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

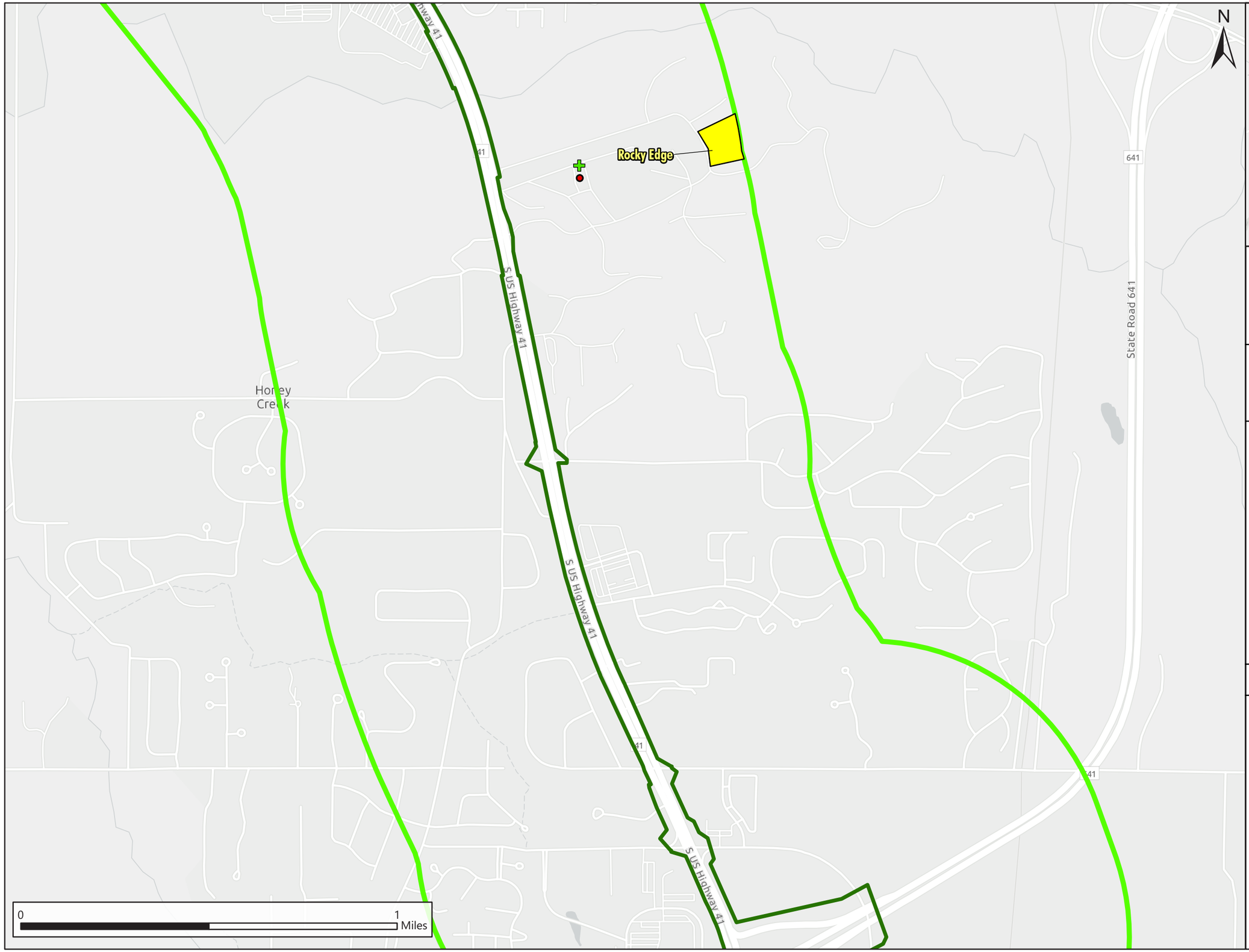
rating

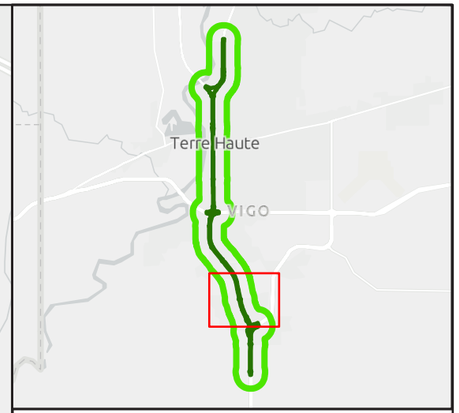
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 3 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

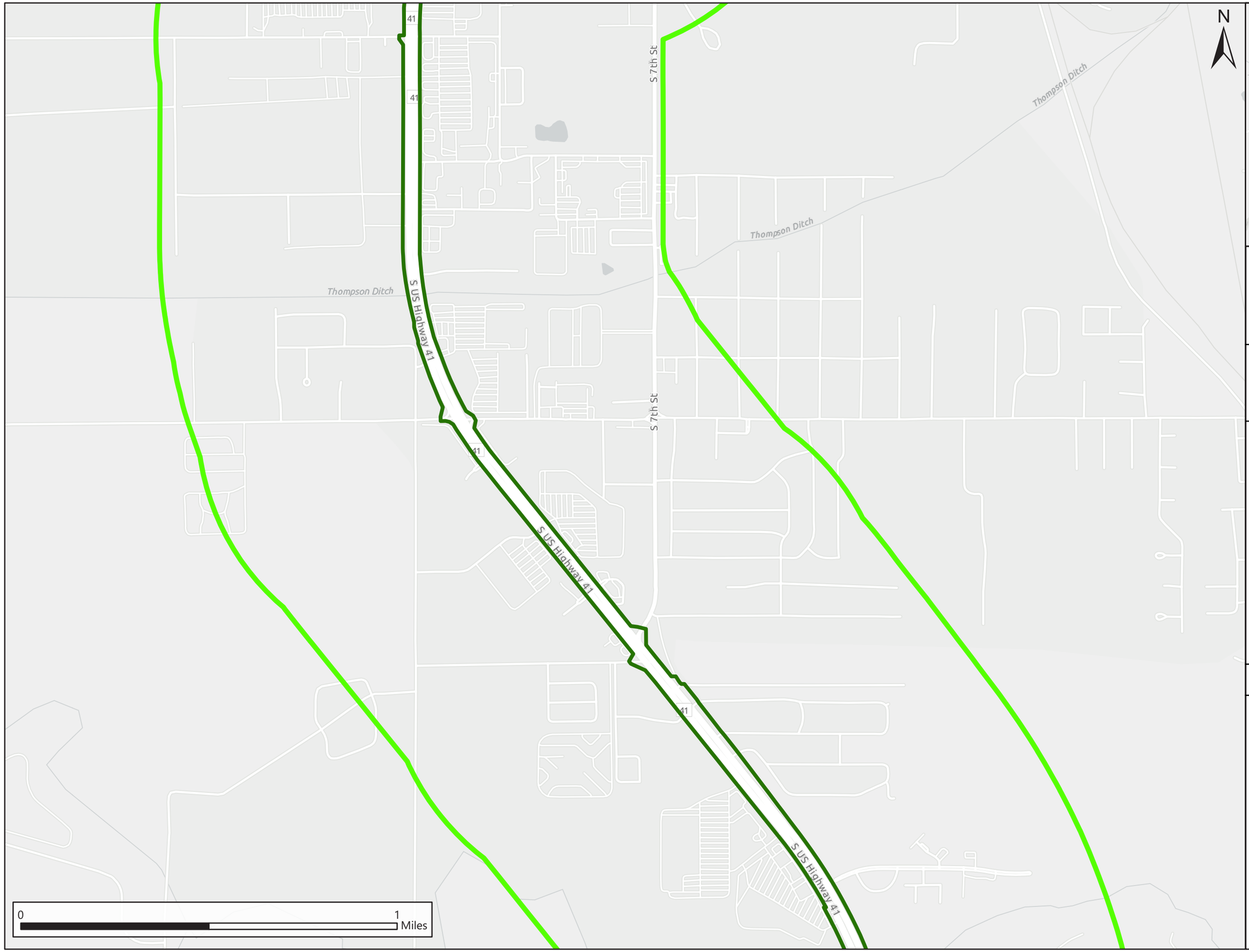
rating

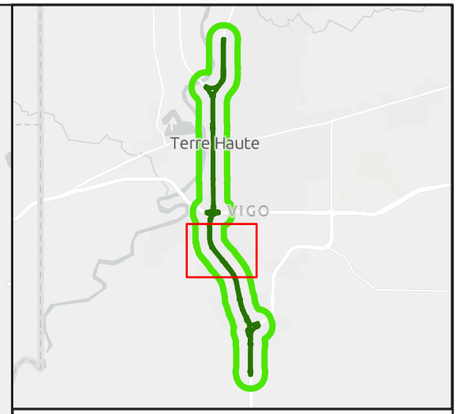
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 4 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

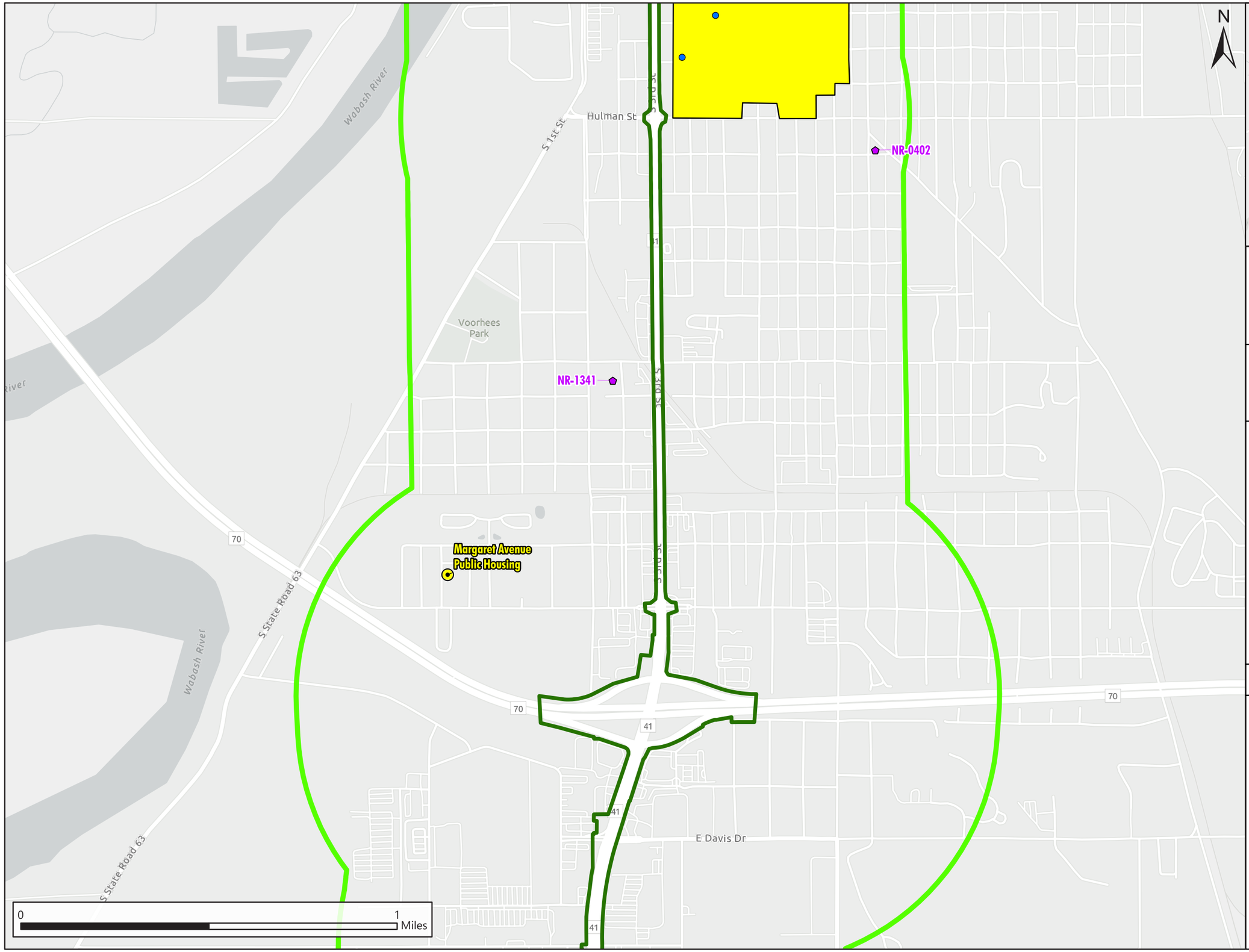
rating

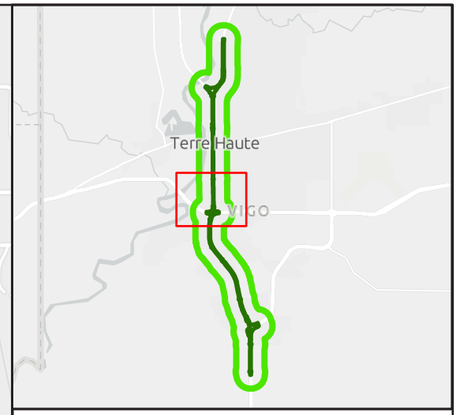
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 5 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

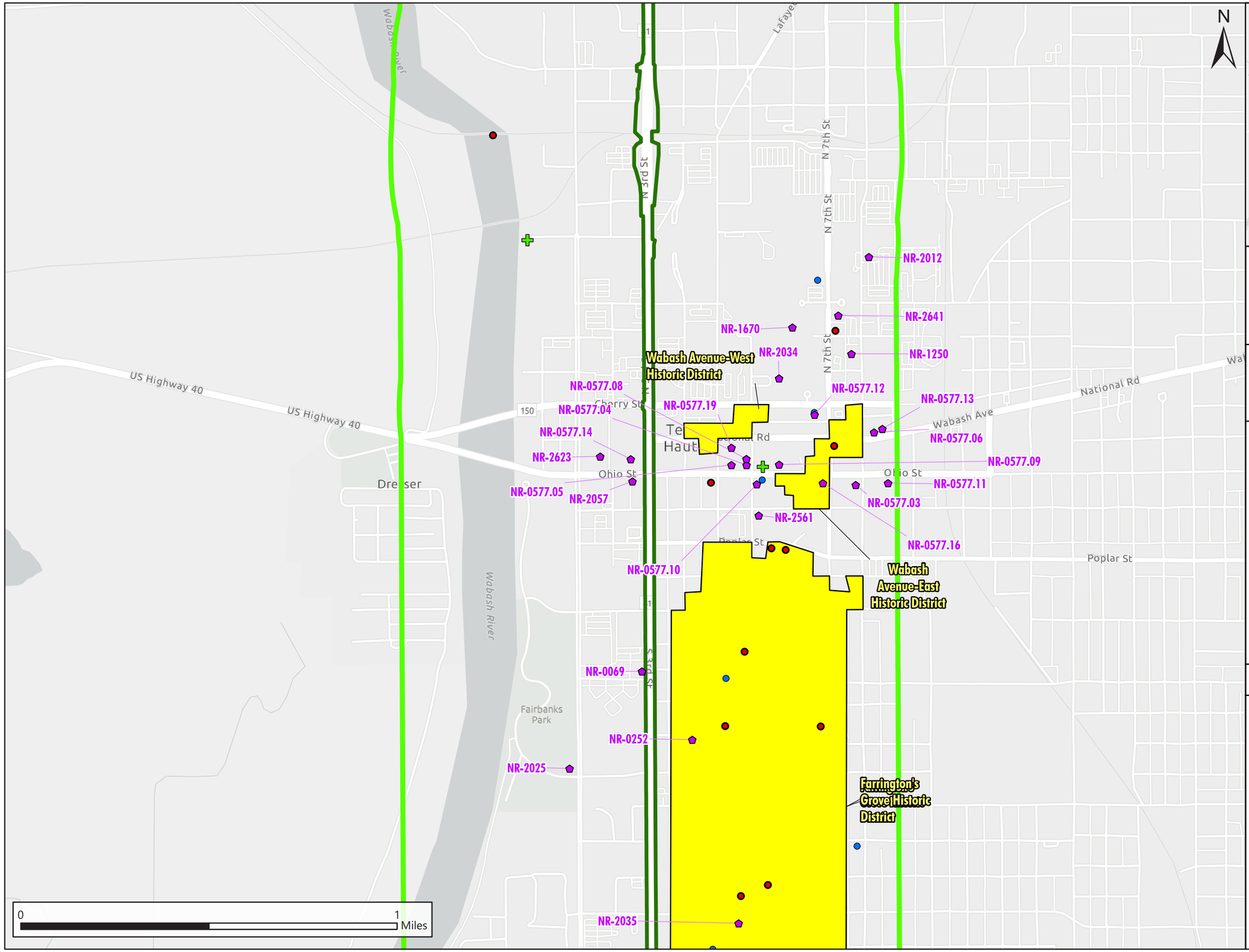
rating

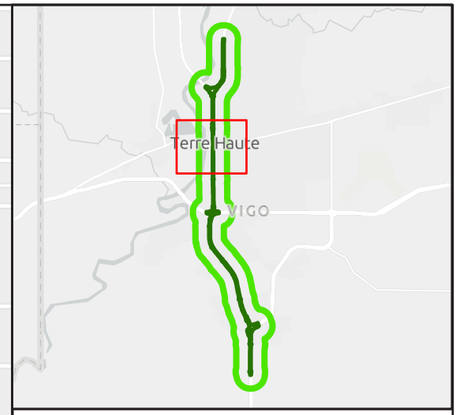
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 6 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

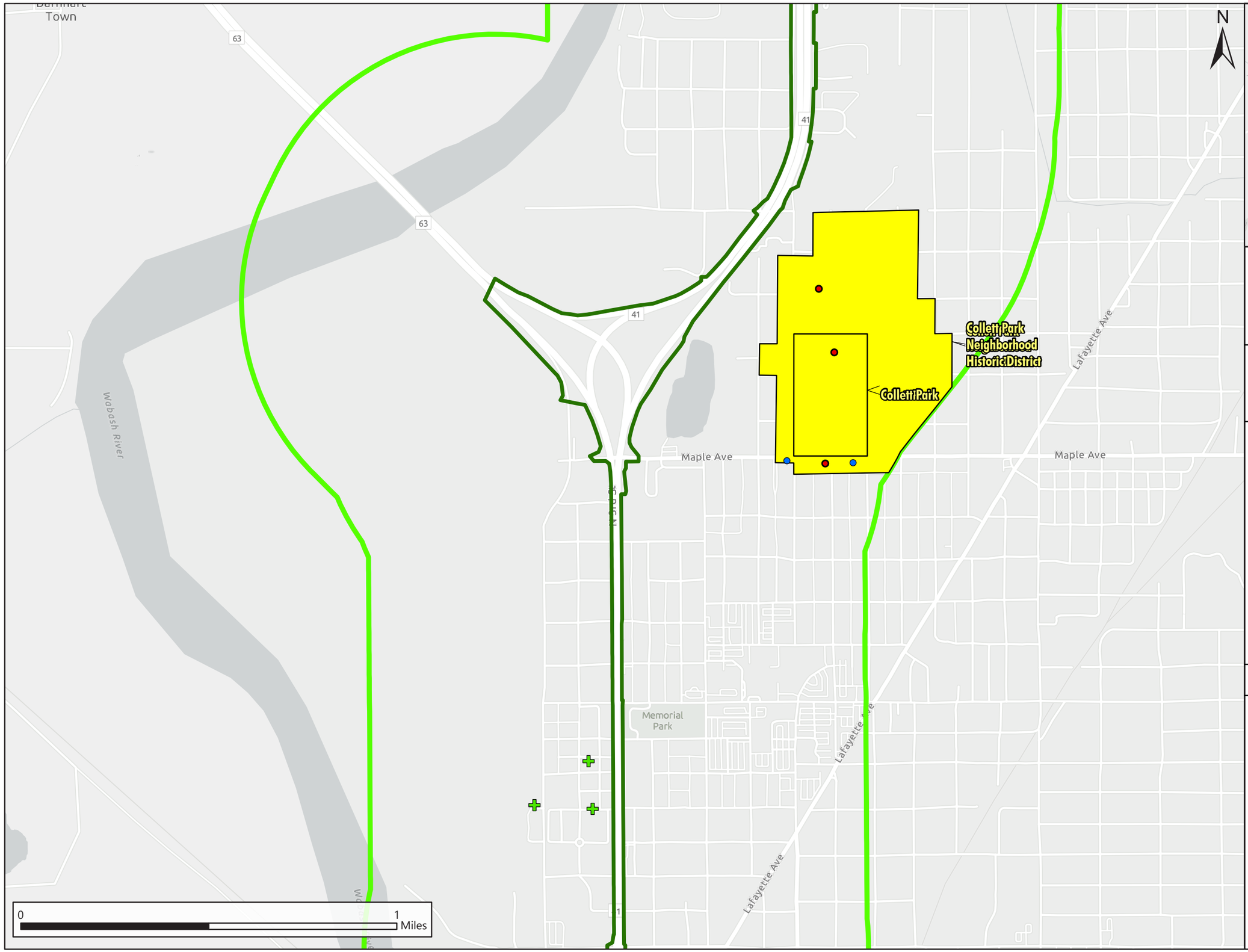
rating

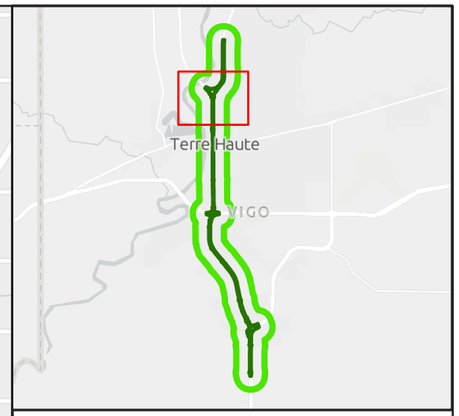
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 7 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

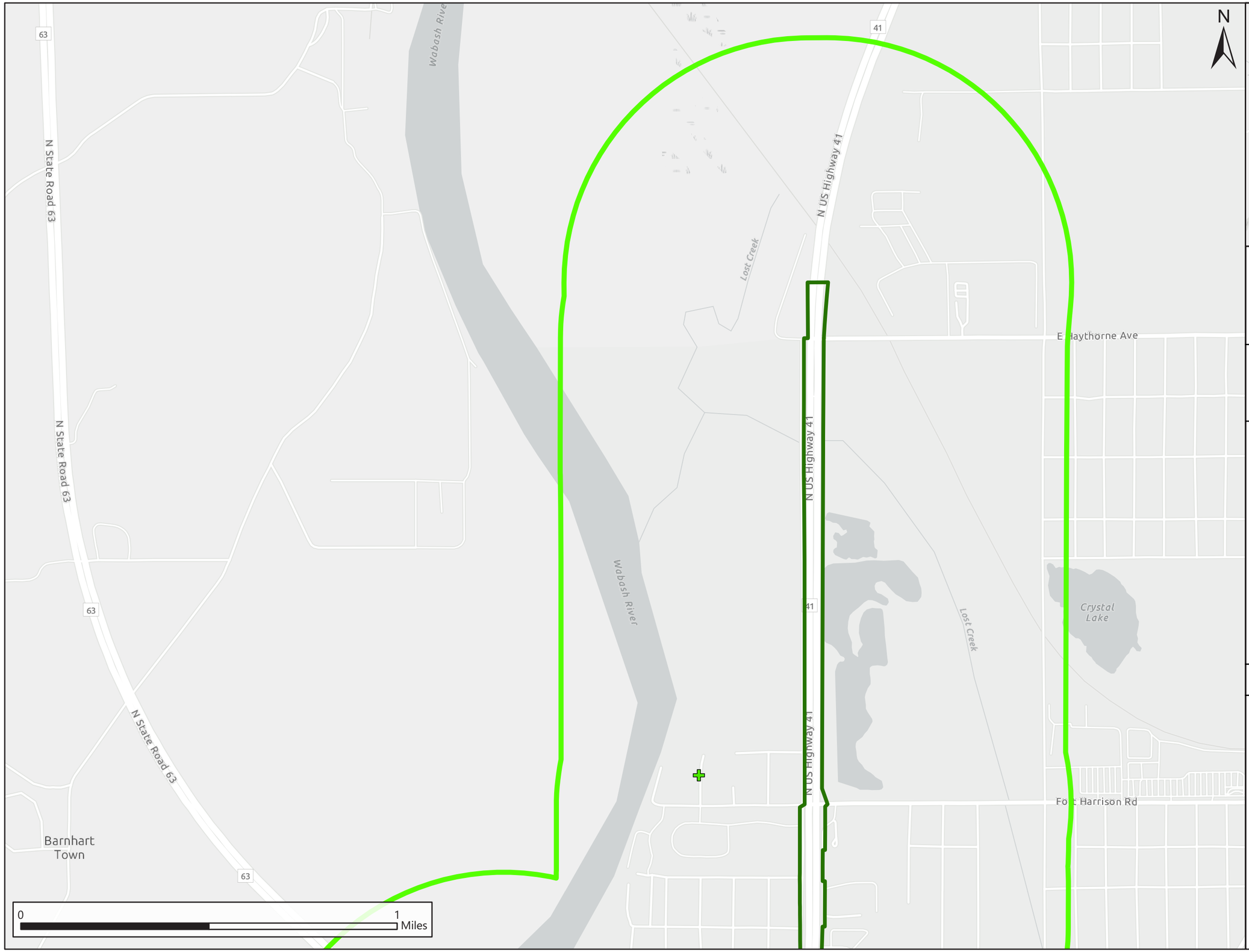
rating

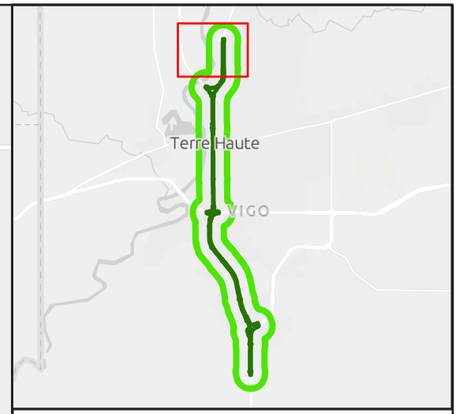
- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.





Above-Ground Cultural Resources

Page 8 of 8

- ProPEL US 41 Study Area
- ProPEL US 41 Study Corridor
- National Register Listed Properties: Districts
- National Register Listed Properties: Individual Properties
- Previous Section 106 Recommendations: Eligible

Potentially Eligible Resources

rating

- Notable
- Outstanding

- Cemeteries

Service Layer Credits: USGS 7.5 minute Lewis, New Goshen, Pimento, Rosedale, Seelyville, and Terre Haute quadrangles 2022

PROPEL US 41
Smarter Transportation. Stronger Communities.

Appendix A: 3. National Register of Historic Places Listed Properties: Districts

SHAARD Number	Name
NR-0401	Collett Park
NR-0132	Farrington's Grove Historic District
NR-0577.01	Wabash Avenue-West Historic District (Carr, Bell, and Bauermeister Block)
NR-1748	Collett Park Neighborhood Historic District
NR-1820	Wabash Avenue-East Historic District (Boundary Adjustment- See NR-0577)
NR-2614	Rocky Edge

Appendix A: 4. National Register of Historic Places Listed Properties: Buildings, Structures, Sites, and Objects

SHAARD Number	Name
NR-0252	Williams-Warren-Zimmerman House
NR-0402	Fire Station No. Nine
NR-2012	Debs, Eugene V., House
NR-0069	Allen Chapel AME Church
NR-0577.11	House at 823 Ohio Street
NR-2035	Sage-Robinson-Nagel House
NR-1670	State Normal Library
NR-2025	Dresser, Paul, Birthplace
NR-1341	Greenwood Elementary School
NR-2057	State Bank of Indiana, Branch of (Memorial Hall)
NR-2034	Condit House
NR-0577.03	Hippodrome Theatre

SHAARD Number	Name
NR-0577.04	Building at 23–27 South Sixth Street
NR-0577.05	Building at 510–516 Ohio Street
NR-0577.06	Building at 810 Wabash Avenue
NR-0577.08	Citizens' Trust Company Building
NR-0577.09	First Congregational Church
NR-0577.10	Star Building
NR-0577.12	Terre Haute Post Office and Federal Building
NR-0577.13	Terminal Arcade
NR-0577.14	Vigo County Courthouse
NR-0577.16	Indiana Theater
NR-0577.19	First National Bank
NR-1250	Terre Haute Masonic Temple
NR-2561	Terre Haute YMCA Building
NR-2623	Terre Haute City Hall
NR-2641	Wesley Foundation Student Center

Appendix A: 5. Indiana Historic Sites and Structures Inventory of Outstanding and Notable Properties (Potentially National Register eligible)

SHAARD Number	Name	Rating
167-628-21136	Albrecht Building	Outstanding
167-628-20422	Allen Chapel African Methodist Episcopal	Outstanding
167-628-28473	Apartment Building	Outstanding

SHAARD Number	Name	Rating
167-628-28001	Apartment Building	Outstanding
167-628-21089	Bank/Commercial Building	Outstanding
167-628-21150	Bennett-Rea Building	Outstanding
167-628-21139	Blumberg Building	Outstanding
167-628-28527	Carriage House	Outstanding
167-628-21028	Carr's Hall	Outstanding
167-628-21277	Centenary United Methodist Church	Outstanding
167-628-21158	Chamber of Commerce Building	Outstanding
167-628-21238	Chanticleer Building	Outstanding
167-628-28478	Church	Outstanding
167-628-28525	Church/Temple	Outstanding
167-628-21237	Citizens' Trust Company Building	Outstanding
167-628-23023	Collett Park	Outstanding
167-628-21105	Commercial Block	Outstanding
167-628-21084	Commercial Building	Outstanding
167-628-21287	Commercial Building	Outstanding
167-628-21321	Commercial Building	Outstanding
167-628-21254	Commercial Building	Outstanding
167-628-21064	Commercial Building	Outstanding
167-628-21086	Commercial Building	Outstanding
167-628-21106	Commercial Building	Outstanding
167-628-21137	Commercial Building	Outstanding

SHAARD Number	Name	Rating
167-628-21087	Commercial Building	Outstanding
167-628-21085	Commercial Building	Outstanding
167-628-21107	Commercial Building	Outstanding
167-628-21236	Commercial Building	Outstanding
167-628-21051	Commercial Building	Outstanding
167-628-21152	Commercial Building	Outstanding
167-628-21138	Commercial Building	Outstanding
167-628-21223	Commercial Building	Outstanding
008-628-211669	Condit House	Outstanding
167-628-21247	Deming Hotel	Outstanding
167-628-41002	Donham-Topping House	Outstanding
167-628-20142	Eugene V. Debs House	Outstanding
008-628-21260	Fairbanks Library	Outstanding
167-628-21260	Fairbanks Library	Outstanding
008-628-21177	Fine Arts Building	Outstanding
167-628-21068	First Congregational Church	Outstanding
167-628-21149	Fort Harrison Savings Association Building	Outstanding
167-454-20006	Fort Harrison Site Memorial and Cemetery	Outstanding
167-628-20432	Greenwood School	Outstanding
167-628-21054	Hippodrome Theatre	Outstanding
167-628-20394	Historical Fire Station Number 9	Outstanding
167-628-23116	House	Outstanding

SHAARD Number	Name	Rating
167-628-28423	House	Outstanding
167-628-28678	House	Outstanding
167-628-28670	House	Outstanding
167-628-23031	House	Outstanding
167-628-28355	House	Outstanding
167-628-28469	House	Outstanding
167-628-28468	House	Outstanding
167-628-23124	House	Outstanding
167-628-28163	House	Outstanding
167-628-28448	House	Outstanding
167-628-23071	House	Outstanding
167-628-28512	House	Outstanding
167-628-28443	House	Outstanding
167-628-28752	House	Outstanding
167-628-28841	House	Outstanding
167-628-28403	House	Outstanding
167-628-28289	House	Outstanding
167-628-20411	House	Outstanding
167-628-28167	House	Outstanding
167-628-28609	House	Outstanding
167-628-23073	House	Outstanding
167-628-28346	House	Outstanding

SHAARD Number	Name	Rating
167-628-28347	House	Outstanding
167-628-28461	House	Outstanding
167-628-28600	House	Outstanding
167-628-28463	House	Outstanding
167-628-28857	House	Outstanding
167-628-28657	House	Outstanding
167-628-28477	House	Outstanding
167-628-28470	House	Outstanding
167-628-28497	House	Outstanding
167-628-28770	House	Outstanding
167-628-28432	House	Outstanding
167-628-28475	House	Outstanding
167-628-28351	House	Outstanding
167-628-28438	House	Outstanding
167-628-28618	House	Outstanding
167-628-23122	House	Outstanding
167-628-23029	House	Outstanding
167-628-28462	House	Outstanding
167-628-28400	House	Outstanding
167-628-20138	House	Outstanding
167-628-21057	House	Outstanding
167-628-28483	House	Outstanding

SHAARD Number	Name	Rating
167-628-28501	House	Outstanding
167-628-28775	House	Outstanding
167-628-28345	House	Outstanding
167-628-28516	House	Outstanding
167-628-28526	House	Outstanding
167-628-28506	House	Outstanding
167-628-28574	House	Outstanding
167-628-28579	House	Outstanding
167-628-28597	House	Outstanding
167-628-28450	House	Outstanding
167-628-28504	House	Outstanding
167-628-28446	House	Outstanding
167-628-28496	House	Outstanding
167-628-28437	House	Outstanding
167-628-28499	House	Outstanding
167-628-28532	House	Outstanding
167-628-23167	House	Outstanding
167-628-41008	House and Gatehouse	Outstanding
167-628-28003	Immanuel Evangelical Lutheran Church	Outstanding
167-628-21052	Indiana Theatre	Outstanding
167-628-15015	Iron Railroad Bridge	Outstanding
167-628-21239	Koopman Building	Outstanding

SHAARD Number	Name	Rating
008-628-21173	Library	Outstanding
167-628-21173	Library	Outstanding
167-628-28508	Ludovici-Calob House	Outstanding
167-628-21289	Masonic Temple	Outstanding
167-628-21196	Monument	Outstanding
167-628-28402	Myer House	Outstanding
167-628-20127	New York Central North Route Railroad Bridge	Outstanding
167-628-20426	Paul Dresser Birthplace	Outstanding
167-628-28474	R. N. Hudson House	Outstanding
167-628-28442	Sage-Robinson-Nagel House	Outstanding
167-628-21220	Saint Joseph's Catholic Church	Outstanding
167-628-21222	Saint Joseph's Male Academy	Outstanding
167-628-21276	Saint Stephen's Episcopal Church	Outstanding
167-628-41006	Smith House	Outstanding
167-628-21045	Star Building	Outstanding
167-628-21037	State Bank of Indiana, Branch of (Memorial Hall)	Outstanding
167-628-21168	Student Union Building	Outstanding
167-628-21253	Swope Block	Outstanding
167-628-21154	Terminal Arcade Building	Outstanding
167-628-21272	Terre Haute House Hotel	Outstanding
167-628-41005	Topping House	Outstanding
167-628-21099	United States Trust Company Building	Outstanding

SHAARD Number	Name	Rating
167-628-21195	Vigo County Courthouse	Outstanding
167-628-21133	White Block	Outstanding
167-628-28273	Williams-Warren-Zimmerman House	Outstanding
167-628-20129	American Can Company	Notable
167-628-28082	Apartment Building	Notable
167-628-20450	Apartment Building	Notable
167-628-28883	Apartment Building	Notable
167-628-20451	Apartment Building	Notable
167-628-20400	Breden Memorial United Methodist Church	Notable
167-628-28055	Carriage House	Notable
167-628-28068	Carriage House	Notable
167-628-20425	Chauncey Rose Memorial Plaza	Notable
167-628-21191	City Hall	Notable
167-628-21111	Commercial Building	Notable
167-628-21093	Commercial Building	Notable
167-628-21039	Commercial Building	Notable
167-628-21049	Commercial Building	Notable
167-628-21041	Commercial Building	Notable
167-628-21047	Commercial Building	Notable
167-628-21145	Commercial Building	Notable
167-628-21131	Commercial Building	Notable
167-628-21055	Commercial Building	Notable

SHAARD Number	Name	Rating
167-628-21251	Commercial Building	Notable
167-628-21167	Dormitory	Notable
167-628-28811	Duplex	Notable
167-628-20420	House	Notable
167-628-28682	House	Notable
167-628-28465	House	Notable
167-628-28006	House	Notable
167-628-28297	House	Notable
167-628-28511	House	Notable
167-628-23115	House	Notable
167-628-28196	House	Notable
167-628-28174	House	Notable
167-628-28175	House	Notable
167-628-28712	House	Notable
167-628-28643	House	Notable
167-628-28693	House	Notable
167-628-28444	House	Notable
167-628-23173	House	Notable
167-628-23170	House	Notable
167-628-23035	House	Notable
167-628-28771	House	Notable
167-628-28111	House	Notable

SHAARD Number	Name	Rating
167-628-20443	House	Notable
167-628-28027	House	Notable
167-628-28030	House	Notable
167-628-28435	House	Notable
167-628-28728	House	Notable
167-628-28362	House	Notable
167-628-28237	House	Notable
167-628-28137	House	Notable
167-628-20417	House	Notable
167-628-28603	House	Notable
167-628-28092	House	Notable
167-628-41007	House	Notable
167-628-28301	House	Notable
167-628-28855	House	Notable
167-628-28661	House	Notable
167-628-28223	House	Notable
167-628-23145	House	Notable
167-628-23101	House	Notable
167-628-28364	House	Notable
167-628-28888	House	Notable
167-628-23070	House	Notable
167-628-23042	House	Notable

SHAARD Number	Name	Rating
167-628-28853	House	Notable
167-628-28323	House	Notable
167-628-28656	House	Notable
167-628-28846	House	Notable
167-628-28780	House	Notable
167-628-23138	House	Notable
167-628-23148	House	Notable
167-628-23030	House	Notable
167-628-28298	House	Notable
167-628-28357	House	Notable
167-628-28358	House	Notable
167-628-28514	House	Notable
167-628-28093	House	Notable
167-628-23172	House	Notable
167-628-23061	House	Notable
167-628-28880	House	Notable
167-628-28688	House	Notable
167-628-28772	House	Notable
167-628-28389	House	Notable
167-628-23130	House	Notable
167-628-41001	House	Notable
167-628-23119	House	Notable

SHAARD Number	Name	Rating
167-628-23153	House	Notable
167-628-23112	House	Notable
167-628-23014	House	Notable
167-628-28441	House	Notable
167-628-28558	House	Notable
167-628-28372	House	Notable
167-628-28523	House	Notable
167-628-28524	House	Notable
167-628-28681	House	Notable
167-628-28425	House	Notable
167-628-28379	House	Notable
167-628-28533	House	Notable
167-628-28616	House	Notable
167-628-28606	House	Notable
167-628-28642	House	Notable
167-628-28818	House	Notable
167-628-28871	House	Notable
167-628-23098	House	Notable
167-628-28352	House	Notable
167-628-28316	House	Notable
167-628-20439	House	Notable
167-628-20445	House	Notable

SHAARD Number	Name	Rating
167-628-28407	House	Notable
167-628-28406	House	Notable
167-628-20448	House	Notable
167-628-28060	House	Notable
167-628-28689	House	Notable
167-628-28760	House	Notable
167-628-28374	House	Notable
167-628-28375	House	Notable
167-628-28288	House	Notable
167-628-23131	House	Notable
167-628-28832	House	Notable
167-628-28489	House	Notable
167-628-20412	House	Notable
167-628-20347	House	Notable
167-628-28106	House	Notable
167-628-20037	House	Notable
167-628-28605	House	Notable
167-628-28464	House	Notable
167-628-21308	House	Notable
167-628-28150	House	Notable
167-628-28197	House	Notable
167-628-28698	House	Notable

SHAARD Number	Name	Rating
167-628-28882	House	Notable
167-628-28692	House	Notable
167-628-28276	House	Notable
167-628-28390	House	Notable
167-628-28700	House	Notable
167-628-28455	House	Notable
167-628-28451	House	Notable
167-628-28575	House	Notable
167-628-28749	House	Notable
167-628-28833	House	Notable
167-628-28195	House	Notable
167-628-20407	House	Notable
167-628-23026	House	Notable
167-628-28418	House	Notable
167-454-20007	House	Notable
167-628-28669	House	Notable
167-628-28077	House	Notable
167-628-21318	House	Notable
167-628-28490	House	Notable
167-628-28278	House	Notable
167-628-28510	House	Notable
167-628-28591	House	Notable

SHAARD Number	Name	Rating
167-628-28766	House	Notable
167-628-28447	House	Notable
167-628-28500	House	Notable
167-628-28502	House	Notable
167-628-23097	House	Notable
167-628-28757	House	Notable
167-628-20036	House	Notable
167-628-20110	House	Notable
167-628-23038	House	Notable
167-628-23149	House	Notable
167-628-21315	House	Notable
167-628-23134	House	Notable
167-628-28105	House	Notable
167-628-28132	House	Notable
167-628-23154	House	Notable
167-628-28422	House	Notable
167-628-28604	House	Notable
167-628-28776	House	Notable
167-628-28602	House	Notable
167-628-28466	House	Notable
167-628-20442	House	Notable
167-628-20454	House	Notable

SHAARD Number	Name	Rating
167-628-28189	House	Notable
167-628-20409	House	Notable
167-628-20438	House	Notable
167-628-20455	House	Notable
167-628-28631	House	Notable
167-628-20424	Indiana Gas Utilities Company	Notable
167-628-21177	Indiana State University	Notable
167-628-21183	Indiana State University	Notable
167-628-21248	Indiana State University Office Building	Notable
167-628-21059	Jail	Notable
167-628-21180	Knisely Building	Notable
008-628-21183	Laboratory School	Notable
167-628-41003	Louden House	Notable
167-628-40003	Maryland School	Notable
167-628-21261	Masonic Hall	Notable
167-628-20428	Merchants Distributing Corporation Complex	Notable
167-628-41004	Piety House	Notable
167-628-40015	Ritter House	Notable
167-628-21018	Rowhouse	Notable
167-628-21221	Saint Joseph's Parish Rectory	Notable
167-454-20004	Site of Wabash and Erie Canal	Notable
167-628-21255	Terre Haute Post Office	Notable

SHAARD Number	Name	Rating
008-628-21168	Tirey Memorial Union	Notable
167-628-28083	Washington Avenue Presbyterian Church	Notable

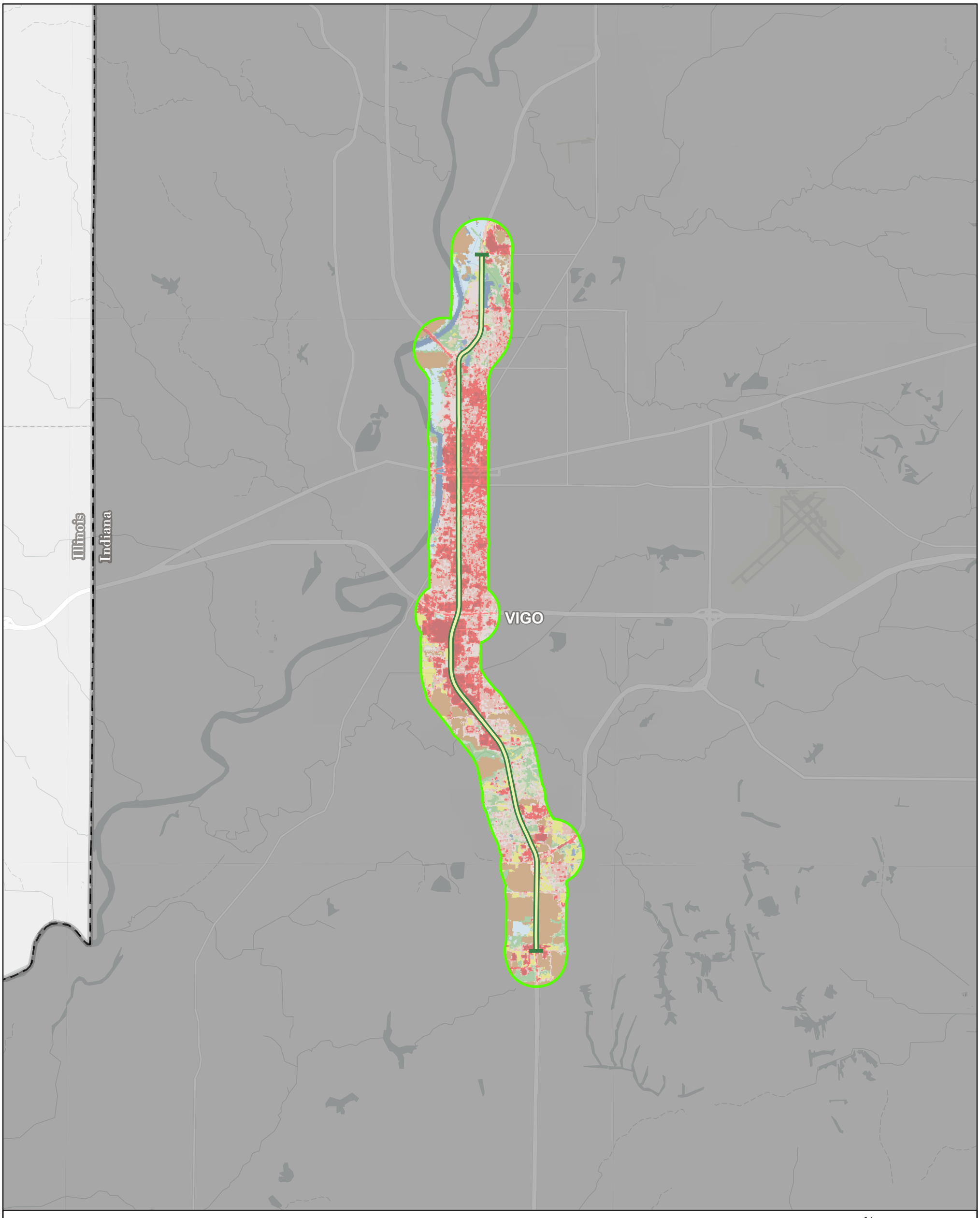
Appendix A: 6. Properties Previously Recommended as Eligible

SHAARD Number	Name	INDOT DES Number
n/a	Margaret Avenue Public Housing	2300593

Appendix A: 7. Cemeteries

SHAARD Number	Name
CR-52-103	Perrysburg
CR-52-2	Five Corners
CR-52-51	Allbaugh-Clingenpeel
CR-25-20	Mud Lake
CR-52-57	Koontz

Attachment I
Land Use Maps



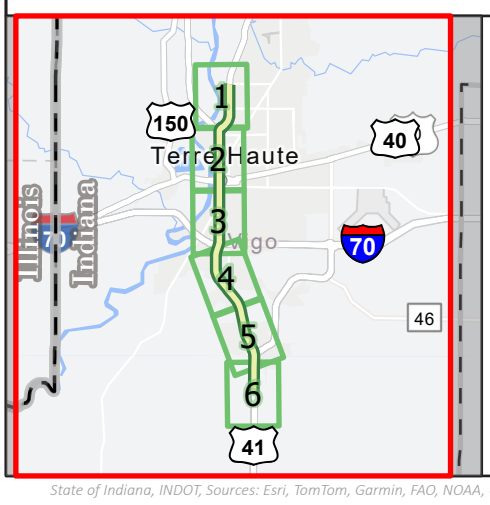
PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use
NLCD 2021 Land Use
Overview

N

0 1 2 Miles

Scale: 1:101,106

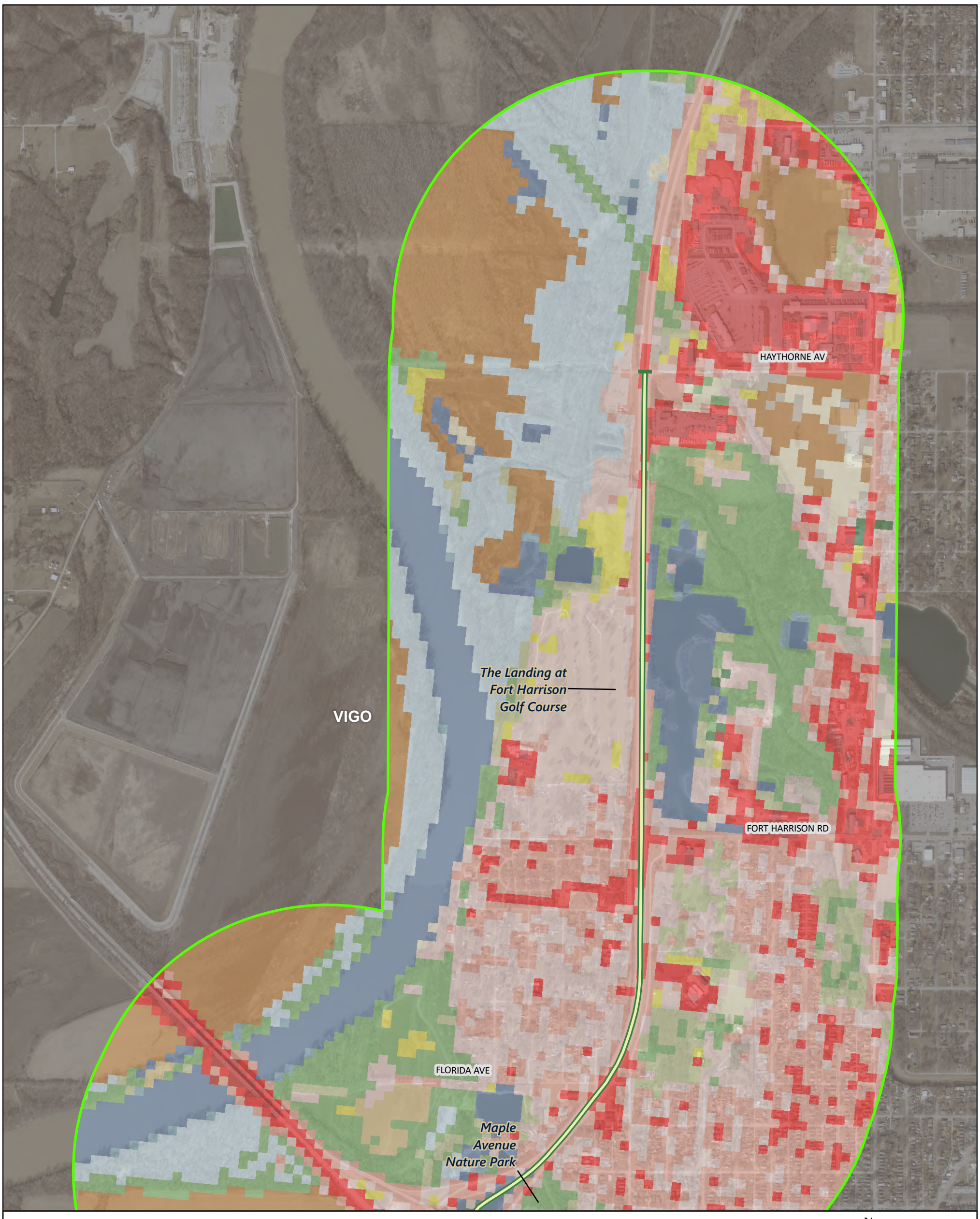


- Study Limits
- Study Area Boundary

NLCD Land Cover (2021)

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use

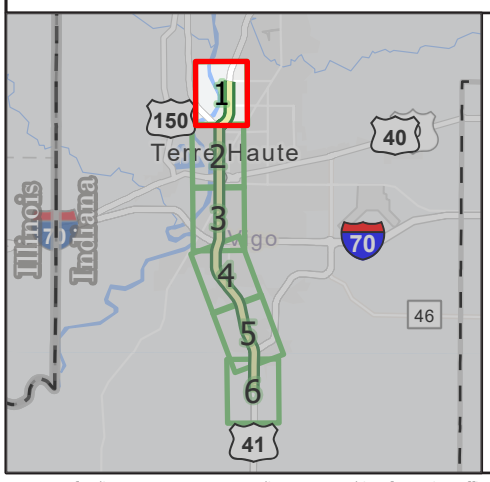
NLCD 2021 Land Use

Series Page 1 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

NLCD Land Cover (2021)

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Maple Avenue Nature Park
MAPLE AV
LINDEN ST
PEYTON ST
BUCKEYE ST
MAIDEN LN
HANCOCK ST
8TH AVE
Bob Warn Field
2ND AVE
VIGO
LOCUST ST
Price Field
SYCAMORE ST
Indiana State University
CHESTNUT ST
Wolf Field
Vigo County Courthouse
WALNUT ST
POPLAR ST
Vigo County Annex

PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use

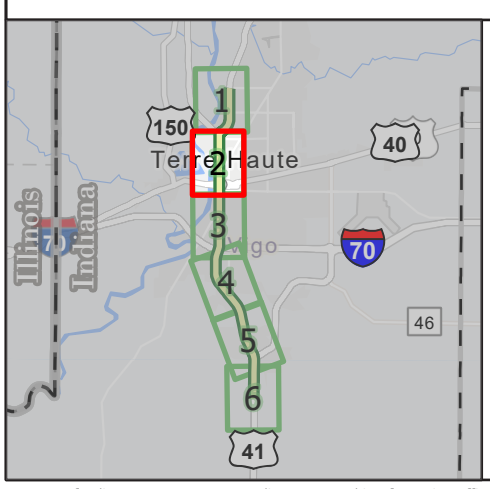
NLCD 2021 Land Use

Series Page 2 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

NLCD Land Cover (2021)

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

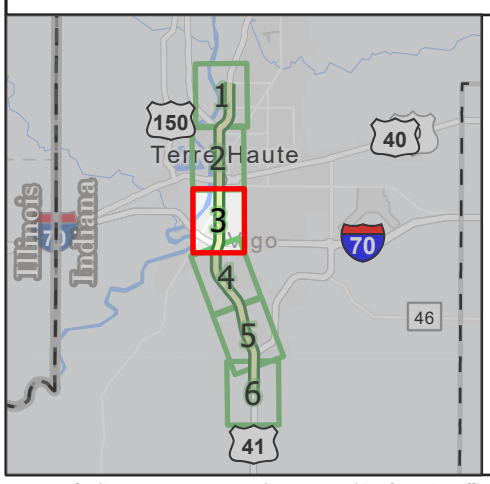
State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Allen Chapel
CRAWFORD ST
Vigo County Annex
University Apartments
FARRINGTON ST
COLLEGE AVE
CRUFT ST
FRANKLIN ST
WASHINGTON AV
Candles Holocaust Museum & Education Center
WILLOW ST
OSBORNE ST
HULMAN ST
IDAHO ST
MCKEEN ST
VIGO
VOORHEES ST
PRESTON ST
TURNER ST
HELEN AV
WHEELER AV
MARGARET AV
Terre Haute South Vigo High School

PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use
NLCD 2021 Land Use
Series Page 3 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

NLCD Land Cover (2021)
- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

JOHNSON DR

Vigo County Fairgrounds

Terre Haute South
Vigo High School

VIGO

1ST ST

SPRINGHLL DR

RAYMOND

DR

Rural
King

Lowe's

OLD ROYSE RD

Hope of
Israel
Ministries

Walmart Supercenter

PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use

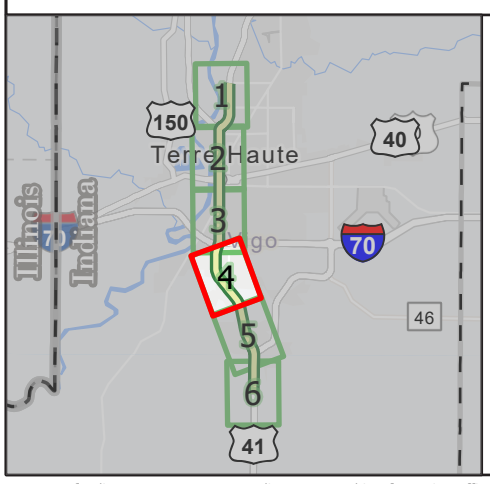
NLCD 2021 Land Use

Series Page 4 of 6

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

NLCD Land Cover (2021)

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

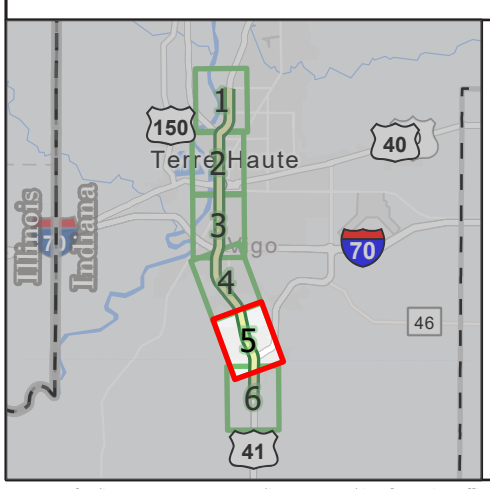
State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

Gibault Care
Carmelite Monastery
Honey Creek Middle School
GILCHRIST DR
Cobblestone Crossings
VIGO
CARLISLE ST
FAWN DR
Dixie Bee Elementary School
JESSICA DR
WOODSMALL DR
Ivy Tech Community College
Agape Christian Church
DALLAS DR

PROPEL US 41
Smarter Transportation. Stronger Communities.

Land Use
NLCD 2021 Land Use
Series Page 5 of 6

N
0 0.1 0.2 Miles
Scale: 1:12,000



Study Limits
Study Area Boundary

NLCD Land Cover (2021)

Open Water
Developed, Open Space
Developed, Low Intensity
Developed, Medium Intensity
Developed, High Intensity
Barren Land
Deciduous Forest
Evergreen Forest
Mixed Forest
Shrub/Scrub
Herbaceous
Hay/Pasture
Cultivated Crops
Woody Wetlands
Emergent Herbaceous Wetlands

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

DALLAS DR

HARLAN DR

Vigo County Industrial Park

VIGO

Land Use

NLCD 2021 Land Use

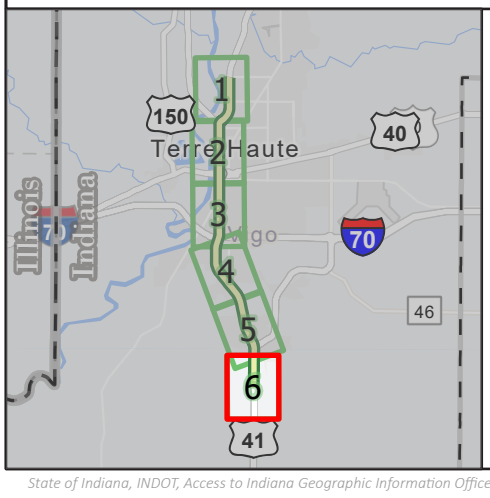
Series Page 6 of 6

PROPEL US 41
Smarter Transportation. Stronger Communities.

N

0 0.1 0.2 Miles

Scale: 1:12,000



- Study Limits
- Study Area Boundary

NLCD Land Cover (2021)

- Open Water
- Developed, Open Space
- Developed, Low Intensity
- Developed, Medium Intensity
- Developed, High Intensity
- Barren Land
- Deciduous Forest
- Evergreen Forest
- Mixed Forest
- Shrub/Scrub
- Herbaceous
- Hay/Pasture
- Cultivated Crops
- Woody Wetlands
- Emergent Herbaceous Wetlands

State of Indiana, INDOT, Access to Indiana Geographic Information Office Orthoimagery is governed by Creative Commons 0 (CC0), Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

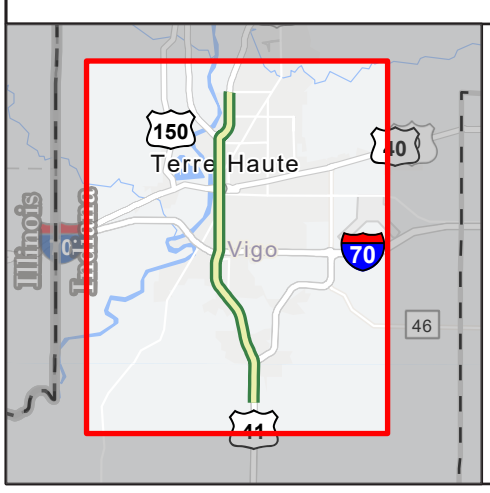
Tax Increment Financing (TIF) Districts

PROPEL US 41 — Smarter Transportation. Stronger Communities.

N

0 0.5 1 Miles

Scale: 1:70,000



- Study Limits
- Study Area Boundary

Redevelopment Target Areas

- Central Eastside Area
- Lost Creek / Lafayette Area
- North Eastside Area
- South Westside Area

TIF Districts

- Central Business District TIF Expanded 2007
- Fort Harrison Business Park TIF
- Jacacore Phase One TIF
- SR 46 TIF

State of Indiana, INDOT, Esri, TomTom, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, USFWS, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS

Attachment J
Noise Sensitive Areas Memo

PROPEL

Smarter Transportation. Stronger Communities.

US 41

Noise-Sensitive Areas Identification Report

October 2025

Prepared by:

HNTB

Table of Contents

1 Introduction 1

1.1 Study Limits 1

1.2 Report Purpose 2

2 Legislation and Noise Fundamentals 3

2.1 Regulatory Requirements 3

2.2 Traffic Noise 4

3 Noise Study Methodology 6

3.1 PEL Noise Methodology 6

3.2 Identification of Land Uses 6

3.3 Common Noise Environments 7

4 Areas For Further Investigation 10

5 Conclusion 11

6 References 12

List of Appendices

Appendix A: Noise Sensitive Area Maps

List of Figures

Figure 1. ProPEL US 41 Study Limits 2

Figure 2. Sound Levels of Typical Noise Sources 5

List of Tables

Table 1. FHWA Noise Abatement Criteria 4

Table 2. Identified CNEs, Receptors, & Areas for Further Investigation 11

1 Introduction

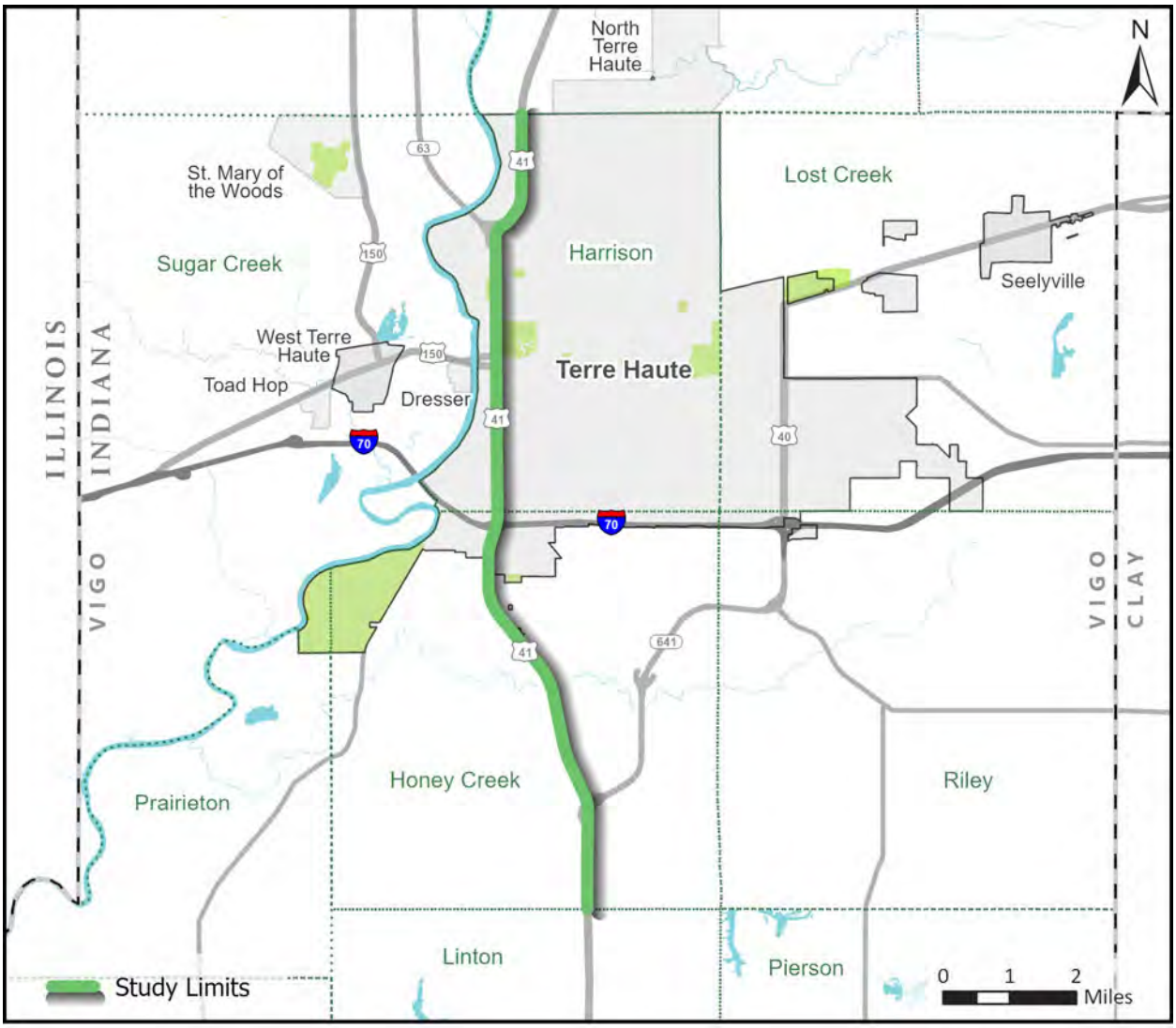
The Indiana Department of Transportation (INDOT) is initiating ProPEL US 41, a Planning and Environment Linkage (PEL) study on US 41 in Vigo County, Indiana. Analysis and planning activities will be conducted in coordination with the public, resource agencies, and stakeholders, including the City of Terre Haute, Vigo County, Terre Haute Area Metropolitan Planning Organization (THAMPO), Vigo County Area Plan Commission, Terre Haute Redevelopment, Terre Haute Area Economic Development, Terre Haute Transit Utility, Terre Haute Regional Airport, Vigo County School Corporation, Indiana State University, Rose-Hulman Institute of Technology, Ivy Tech Community College – Terre Haute, healthcare facilities, and private sector/logistics facilities. Transportation planning products from the PEL process will shape and inform subsequent project-specific environmental reviews conducted in accordance with the National Environmental Policy Act (NEPA).

ProPEL US 41 is a unique opportunity for the City of Terre Haute and Vigo County residents to share their vision for the future of US 41 through Vigo County. The primary goal of the ProPEL US 41 study is to develop multiple high-level solutions for potential improvements to US 41 by examining safety, mobility, and environmental factors while aligning with the economic and land use development visions of the City of Terre Haute, the THAMPO, businesses and communities of interest within the study area, and regional users. This will set the long-term vision for transportation infrastructure investments along the US 41 corridor. Transportation infrastructure investments include a range of projects that would enhance the safety, mobility, efficiency, and sustainability of the transportation system. They could include road and bridge projects, transit system changes, and multi-modal projects such as bicycle lanes and sidewalks.

1.1 Study Limits

The ProPEL US 41 study limits include approximately 12.5 miles along US 41, from 1.54 miles south of SR 641 (Harlan Drive) to 1.9 miles north of SR 63 (E. Haythorne Avenue), as shown in **Figure 1.**

Figure 1. ProPEL US 41 Study Limits



1.2 Report Purpose

This technical report identifies noise-sensitive areas along US 41 in Vigo County, including those with sufficient density such that noise abatement could potentially be determined reasonable and feasible in future studies per INDOT's *Traffic Noise Analysis Procedure* (Noise Policy), which was last updated in 2022. The examination of potential noise impacts and abatement measures for federal-aid highway projects is required by NEPA. These potentially noise-sensitive areas are identified to evaluate how they may influence future projects for this corridor. Formal noise analysis will not be completed during the ProPEL US 41 study, but will occur, if required, during subsequent NEPA analysis.

2 Legislation and Noise Fundamentals

2.1 Regulatory Requirements

INDOT is conducting the ProPEL US 41 study in coordination with the Federal Highway Administration (FHWA). FHWA regulations for highway traffic noise for federal-aid highway projects are contained in Procedures for Abatement of Highway Traffic Noise and Construction Noise as presented in Title 23 Part 772 (23 CFR 772). The INDOT Noise Policy sets forth INDOT's procedures to comply with the requirements of 23 CFR 772.

Compliance with 23 CFR 772 is typically achieved during the NEPA review process. PEL studies, however, are planning (i.e., pre-NEPA) activities. As part of the ProPEL US 41 study, INDOT plans to evaluate baseline environmental conditions, such as potential noise-sensitive areas, to help inform activities such as alternatives development and analysis. To accomplish this objective, INDOT identified a two-step process to consider traffic noise during the ProPEL 41 study:

1. Identify noise-sensitive areas using Common Noise Environments (CNEs).
2. Identify areas with potentially sufficient density for further investigation.

This two-step process is documented in this report. It is important to note that the analysis completed during the PEL study is not intended to meet the requirements of 23 CFR 772.

The INDOT Noise Policy applies to all Type I Federal Highway projects in the State of Indiana. Type I projects, such as the construction of a highway on a new location or the physical alteration of an existing highway that significantly changes the horizontal or vertical alignment or increases the number of through-traffic lanes, require traffic noise analysis. A traffic noise analysis would be completed during the NEPA analysis for any future Type I projects in ProPEL US 41 study corridor, in accordance with the most current version of the INDOT Noise Policy.

The INDOT Noise Policy has adopted the Noise Abatement Criteria (NAC) that have been established by FHWA (23 CFR 772) for determining noise impacts for a variety of land uses. The land-use Activity Categories along with the criteria are presented in **Table 1**. The NAC sound levels are only to be used to determine a roadway noise impact. These are the absolute values where abatement must be considered.

For the purposes of the PEL study, noise-sensitive land uses and potential noise receptors have been identified along the corridor. Where sufficient density exists such that noise abatement could potentially be feasible and reasonable in future studies, those areas have been identified as **Areas for Further Investigation**.

The analysis conducted as part of the PEL study will not be used to determine noise impacts or noise abatement locations in accordance with 23 CFR 772. Those activities would occur as part of the NEPA analysis associated with any future Type I projects in the ProPEL US 41 study area.

Table 1. FHWA Noise Abatement Criteria

Hourly A-Weighted Sound Level – Decibels (dB(A))			
Activity Category	Criteria[1] Leq(h)	Evaluation Location	Activity Description
A	57	Exterior	Lands on which serenity and quiet are of extraordinary significance and serve an important public need and where the preservation of those qualities is essential if the area is to continue to serve its intended purpose.
B[2]	67	Exterior	Residential.
C[2]	67	Exterior	Active sports areas, amphitheaters, auditoriums, campgrounds, cemeteries, day care centers, hospitals, libraries, medical facilities, parks, picnic areas, places of worship, playgrounds, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, recreation areas, Section 4(f) sites, schools, television studios, trails and trail crossings.
D	52	Interior	Auditoriums, day care centers, hospitals, libraries, medical facilities, places of worship, public meeting rooms, public or nonprofit institutional structures, radio studios, recording studios, schools, and television studios.
E[2]	72	Exterior	Hotels, motels, offices, restaurants/bars, and other developed lands, properties or activities not included in A-D or F.
F	-	-	Agriculture, airports, bus yards, emergency services, industrial, logging, maintenance facilities, manufacturing, mining, rail yards, retail facilities, shipyards, utilities (water resources, water treatment, electrical), and warehousing.
G	-	-	Undeveloped lands that are not permitted.

[1] Leq(h) Activity Criteria are only for impact determination and are not design standards for noise abatement measures.
[2] Includes undeveloped lands permitted for this activity category.
Source: Federal Highway Administration (23 CFR 772, Table 1).

2.2 Traffic Noise

Noise is generally defined as unwanted sound. Airborne sound is what we hear when there are rapid fluctuations (or variations) in air pressure above and below atmospheric pressure. The ear is sensitive to these pressure variations and perceives them as sound. The intensity of these pressure variations causes the ear to discern different levels of loudness.

Sound pressure levels are measured and expressed in decibels (dB). The dB scale is logarithmic and expresses the ratio of the sound pressure level being measured to a standard reference level.

Most sounds occurring in the environment do not consist of a single frequency, but rather a broadband of differing frequencies. Because the human ear does not respond to all frequencies equally, weighting scales are used to define the relative loudness of different frequencies. The “A”

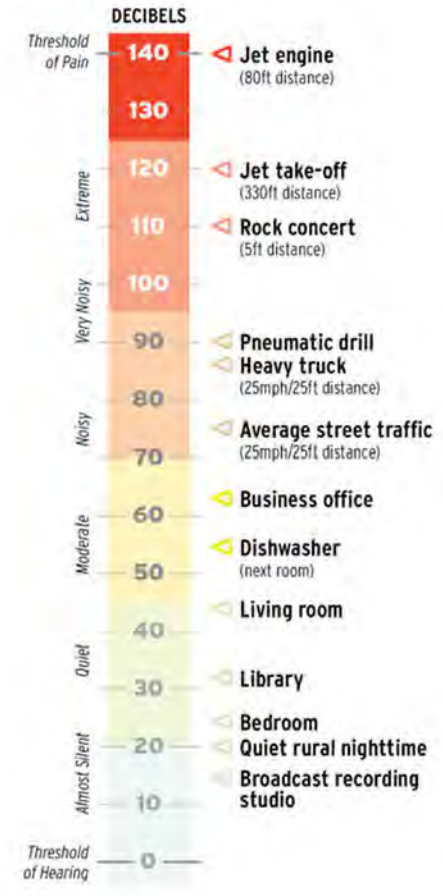
weighting scale is widely used in environmental work because it closely resembles the non-linearity of human hearing. The A-weighted sound level in decibels is identified as dB(A).

A noise receptor is a discrete or representative location placed at a noise-sensitive area for any of the land uses listed in **Table 1,** generally in an area of active human use, to determine traffic-generated noise levels. Traffic noise at a receptor is influenced by the following major factors:

- Distance from the traffic to the receptor,
- Volume of traffic,
- Speed of traffic,
- Vehicle mix, and
- Acoustical shielding.

Tire sound levels increase with vehicle speed but also depend upon road surface, vehicle weight, tread design and wear. Change in any of these factors can vary noise levels. At lower speeds, especially in trucks and buses, the dominant noise source is the engine and related accessories. **Figure 2** provides sound levels of typical noise sources.

Figure 2. Sound Levels of Typical Noise Sources



Source: Adapted from "Environmental Criteria for Road Traffic Noise", Environmental Protection Authority, South Sydney, NSW, May 1999, Page 38.

3 Noise Study Methodology

3.1 PEL Noise Methodology

As part of the ProPEL US 41 study, INDOT is evaluating potential baseline environmental conditions that could inform the alternatives development and analysis. One such condition is noise-sensitive land uses. Therefore, noise-sensitive land uses have been identified along the ProPEL US 41 corridor and categorized using the typologies contained in the NAC found in 23 CFR 772 (shown and summarized in **Table 1**).

Noise-sensitive areas for further investigation have been identified based on the presence of noise-sensitive land uses, as well as the density of receptors (determined by professional judgment). These areas have been identified as **Areas for Further Investigation** on the noise maps in **Appendix A**.

3.2 Identification of Land Uses

The noise study area for ProPEL US 41 is shown on the maps in **Appendix A** and includes the area within approximately 500 feet of the ProPEL US 41 corridor, measured from the edge of the outside travel lane and the project termini. The distance of 500 feet was selected to be consistent with the INDOT Noise Policy criteria for identifying receptors during a NEPA evaluation.

Available aerial imagery and desktop reconnaissance were used to identify noise-sensitive land uses in the study area, to include the following noise activity categories:

- NAC B: single-family and multi-family residences
- NAC C: institutional or recreational outdoor uses
- NAC D: interior uses at places of worship, hospitals, public institutions, and schools
- NAC E: outdoor use areas at restaurants, hotels or business properties with

NAC Category E applies specifically to areas of outdoor use. Therefore, restaurants, hotels, and other business properties that do not have locations for where frequent human use would occur (e.g. outdoor seating areas) are not included in this category.

The noise study area also includes non-sensitive industrial and commercial land uses (NAC F) and vacant, undeveloped land (NAC G). As non-sensitive land uses, these categories are not indicated on the maps. The NAC D interior use receptors are identified because noise studies are to use Activity Category D for Activity Category C land uses that do not have an exterior area of frequent human use or have exterior use that is far from or physically shielded from the roadway (23 CFR 772).

Receptors may represent multiple receptors or units. Under most situations, a single structure is considered a single receptor. Structures that contain multiple residential units (e.g., apartments) are considered to have one receptor per residential unit. For certain land uses (e.g., parks, trails), a separate algorithm is used to translate usage data into an appropriate number of receptor units, based on converting total usage to equivalent residential units. For the purposes of the PEL study, equivalent residential units have not yet been assigned to non-residential receptors. Instead, either one receptor or an estimate of several receptors, based on number of uses or area of the property, have been assigned based on professional judgment.

Per INDOT Noise Policy, coordination with local governments is necessary to determine if there are any new permitted land uses within the study area for inclusion in the noise analysis. HNTB initiated a request to the Terre Haute Planning Department, the Terre Haute Engineering Department, and the Vigo County Area Planning Department to obtain proposed or permitted development plans within the study area. Upon review of documents obtained, there do not appear to be any planned or permitted noise-sensitive properties within the study area limits at this time.

3.3 Common Noise Environments

Based on a combination of land use, location of cross streets and residential density, land uses in the study area have been grouped into a series of numbered Common Noise Environments (CNE) that are identified on the maps in **Appendix A**. Twenty-four CNEs were identified. The CNE boundaries and land use within each are described below.

CNE 1 is located on the west side of US 41 from approximately 500 feet south of Harlan Road to the SR 641 interchange. This area consists of single-family residences (NAC B).

CNE 2 is located on the east side of US 41 from approximately 500 feet south of Harlan Road to the SR 641 interchange. This area consists of single-family and multi-family residences (NAC B). There is also exterior use at an animal hospital (NAC E). **CNE 2 contains an Area for Further Investigation**.

CNE 3 is located on the west side of US 41 from the SR 641 interchange to Honey Creek. This area consists primarily of single-family residences (NAC B). There is also a behavioral health and addiction services facility with boarding, interior uses, and exterior recreation uses (NACs B, C, and D), and interior use at the office of the Honey Creek Township Trustees, the Indiana State Police, and the International Union of Operating Engineers (NAC D). Outdoor seating for an unidentified restaurant (NAC E) may also be present. **CNE 3 contains three Areas for Further Investigation**.

CNE 4 is located on the east side of US 41 from the SR 641 interchange to Honey Creek. This area consists of single-family and multi-family residences (NAC B), as well as interior use at Agape Christian Church and both residential and exterior uses at Carmelite Monastery (NAC B and C). **CNE 4 contains three Areas for Further Investigation**.

CNE 5 is located on the west side of US 41 from Honey Creek to approximately 500 feet south of Greenbriar Drive. This area includes outdoor seating at Panera, Blueberry Hill Pancake House, and Five Guys (NAC E). There is also interior use at Davita Kidney Care Center (NAC D).

CNE 6 is located on the east side of US 41 from Honey Creek to Old Royse Road. This area consists primarily of single-family residences (NAC B). There are also interior uses at a military recruiting center and several medical facilities, including Union Hospital; Edward Villarreal, DDS, Family Dentistry; and Biltmore Dermatology (NAC D). **CNE 6 contains an Area for Further Investigation**.

CNE 7 is located on the west side of US 41 from approximately 1100 feet north of 56th Drive to Old Royse Road. This area is comprised primarily of multi-family residences, with one single-family residence at the western edge. There is also one place of worship that does not have an area of outdoor use, United Methodist Temple (NAC D), Roshel Chiropractic (NAC D), and outdoor seating at Los Tres Caminos restaurant (NAC E). **CNE 7 contains an Area for Further Investigation**.

CNE 8 is located on the west side of US 41 from Old Royse Drive to I-70. This area includes outdoor seating at the Culver's and Chick-fil-A restaurants (NAC E). There are also interior uses at several medical facilities: Ambucare Clinic, Aspen Dental, Eyecare Express, (NAC D), and exterior use at Hampton Inn Terre Haute (NAC E). While the eastern edge of the Vigo County Fairgrounds property is within this CNE, that portion of the property is a grassed area that appears to be used for overflow parking and does not contain any recreational activity areas or outdoor seating areas. **CNE 8 contains an Area for Further Investigation**.

CNE 9 is located on the east side of US 41 from Old Royse Drive to I-70. There is outdoor seating at Panda Express, McCallister's Deli, Lemongrass Thai, Cheddar's Scratch Kitchen, and Starbucks (NAC E). There are also two medical facilities with interior uses, Regional Health Cardiology and Aspen Dental (NAC D), and one hotel with exterior use, the Holiday Inn Terre Haute (NAC E). **CNE 9 contains an Area for Further Investigation**.

CNE 10 is located on the east side of US 41 from I-70 to Grant Street. This area consists of single-family housing (NAC B). There is also outdoor seating for Moe's Southwest Grill, Show Me's, and Real Hacienda restaurant, and exterior use at Drury Inn and Suites (NAC E). **CNE 10 contains two Areas for Further Investigation.**

CNE 11 is located on the west side of US 41 from I-70 to Washington Avenue. This area consists of single-family housing (NAC B), as well as interior use at Indiana Spine Group, Travel Eyecare,

and Versiti Blood Center (NAC D). There is also outdoor seating at Starbucks (NAC E). **CNE 11 contains an Area for Further Investigation**.

CNE 12 is located on the west side of US 41 from Washington Avenue to Crawford Street. This area consists of multi-family housing as well as outdoor common areas for student housing (NAC B). **CNE 12 contains two Areas for Further Investigation**.

CNE 13 is located on the east side of US 41 from Grant Street to Poplar Street. This area consists of single-family and multi-family housing (NAC B). There are also interior uses at Saint George Orthodox Church, Terre Haute Southside Church of the Nazarene, Wabash Family Dental Group, Powers Orthodontics, Elite Smiles Dental, the Indiana Laborers District Council, Laborers Local 204, and the Candles Holocaust Museum and Education Center (NAC D). There is an exterior use at the Travelodge hotel (NAC E). **CNE 13 contains an Area for Further Investigation**.

CNE 14 is located on the west side of US 41 from Crawford Street to the Conrail railroad tracks. This area contains multiple public institutions (NAC D), including the Vigo County Courthouse, Vigo County Juvenile Center, the Terre Haute Clerk's Office, and the Vigo County Annex Building, which houses multiple county offices. A portion of the Sycamore Trail (NAC C) is located in the northern portion of this CNE. There is student housing associated with Indiana State University in this area that has outdoor common areas (NAC B), though the individual units do not have outdoor uses. This area also includes interior uses at DeBaun Funeral Home and Crematory and at Allen Chapel African Methodist Church (NAC D), as well as outdoor seating for Rally's restaurant (NAC E). **CNE 14 contains an Area for Further Investigation**.

CNE 15 is located on the east side of US 41 from Poplar Street to Cherry Avenue. This area includes outdoor seating for Grand Traverse Pie Company (NAC E), as well as interior uses at an audiology office and a military recruiting center (NAC D).

CNE 16 is located on the east side of US 41 from Cherry Avenue to the Conrail railroad tracks. This area includes outdoor recreation uses at Indiana State University's Wolf Field and Price Field, as well as a portion of the Sycamore Trail (NAC C). There is also student housing, which has outdoor common spaces for residents (NAC B).

CNE 17 is located on the east side of US 41 from the Conrail railroad tracks to Maple Avenue. This area consists of both single-family and multi-family residences, including River Valley Apartments, a development of multi-family residences that does not appear on the aerial imagery because it had not yet been constructed. There is also exterior use at the Statesman Inn Motel (NAC E), and interior use at several medical facilities: Fresenius Kidney Care North Terre Haute, Union Medical Group Northside, and Terre Haute Medical Laboratory (NAC D). **CNE 17 contains two Areas for Further Investigation**.

CNE 18 is located on the west side of US 41 from the Conrail railroad tracks to Maple Avenue. This area consists of single-family residences (NAC B), Providence Medical Group and Dr. Irving Haber Pain Management (NAC D), Woodlawn Cemetery (NAC C), and Bob Warn Field at Sycamore Stadium (NAC C). There is also a motel, the Red Carpet Inn (NAC E). **CNE 18 contains an Area for Further Investigation**.

CNE 19 is located on the west side of US 41 from Maple Avenue to the north side of the SR 63 interchange. There are no noise-sensitive receptors in this area.

CNE 20 is located on the east side of US 41 from Maple Avenue to the north side of the SR 63 interchange. This area includes Maple Avenue Nature Park (NAC C).

CNE 21 is located on the east side of US 41 from the north side of the SR 63 interchange to Fort Harrison Road. This area consists of both single- and multi-family residences (NAC B), as well as interior uses at Cross Tabernacle Church and First Church of the Nazarene (NAC D). **CNE 21 contains two Areas for Further Investigation**.

CNE 22 is located on the west side of US 41 from the SR 63 interchange to McCullough Avenue. The area consists of single-family residences (NAC B) and interior use at the Majestic Care of Terre Haute long-term care and rehabilitation facility (NAC D). **CNE 22 contains an Area for Further Investigation**.

CNE 23 is located on the west side of US 41 from McCullough Avenue to approximately 500 feet north of Haythorne Road. This area consists of The Landing at Fort Harrison Golf Course (NAC C) and one single-family residence (NAC B).

CNE 24 is located on the east side of US 41 from Fort Harrison Road to approximately 500 feet north of Haythorne Road. There are no noise-sensitive receptors in this area.

4 Areas For Further Investigation

Areas for Further Investigation have been identified in CNEs 2-4, 6-14, 17, 18, 21, and 22. **Table 2** includes a list of the identified CNEs, the potential number of receptors within each, and whether the CNE contains an **Area for Further Investigation**.

While various methods to mitigate noise impact are discussed in 23 CFR 772 and the INDOT Noise Policy, installation of noise barriers (i.e. a wall located between the highway and receptors) is the most common form of abatement that is investigated. Alternative forms of abatement listed in 23 CFR 772 include traffic management measures, horizontal or vertical alteration of alignments, acquisition of real property, and noise insulation of Activity Category D land use facilities.

Table 2. Identified CNEs, Receptors, & Areas for Further Investigation

CNE	Potential # of Receptors[1]	Area(s) for Further Investigation?	CNE	Potential # of Receptors[1]	Area(s) for Further Investigation?
1	10	No	**13[2]**	**266**	**Yes**
2	**69**	**Yes**	**14[2]**	**19**	**Yes**
3	**57**	**Yes**	15	3	No
4	**104**	**Yes**	16[2]	15	No
5	4	No	**17**	**97**	**Yes**
6	**38**	**Yes**	**18**	**107**	**Yes**
7	**27**	**Yes**	19	0	No
8	**10**	**Yes**	20	8	No
9	**14**	**Yes**	**21**	**59**	**Yes**
10	**25**	**Yes**	**22**	**102**	**Yes**
11	**31**	**Yes**	23	4	No
12[2]	**209**	**Yes**	24	0	No

[1] Potential number of receptors are based on the information available at the time of this study and are subject to change.
[2] The CNE contains one or more Multi-family residences that has an unknown number of dwelling units.

5 Conclusion

For this PEL study, INDOT has identified noise-sensitive land uses along the corridor. Twenty-four (24) CNEs were identified, with 16 including **Areas for Further Investigation** in the next phases of study. Note that there are 24 total **Areas for Further Investigation** that have been identified, as four of the CNEs (CNEs 10, 12, 17, and 21) contain two of these areas and two of the CNEs (CNEs 3 and 4) contain three of these areas.

To help inform activities such as alternatives development and analysis, these areas have been identified where sufficient density exists such that noise abatement could potentially be determined reasonable and feasible if a noise analysis were to be conducted on future projects.

The analysis conducted as part of the PEL study will not be used to determine noise impact or noise abatement locations in accordance with 23 CFR 772. Those activities would occur as part of the NEPA analysis associated with any future Type I projects in the ProPEL US 41 study area.

6 References

FHWA, “Highway Traffic Noise: Analysis and Abatement Guidance”, FHWA-HEP-10-025, https://www.fhwa.dot.gov/environment/noise/regulations_and_guidance/analysis_and_abatement_guidance/revguidance.pdf, December 2011.

FHWA, Noise Policy FAQs – Frequently Asked Questions, https://www.fhwa.dot.gov/environment/noise/regulations_and_guidance/faq_nois.cfm#D4e.

FHWA, “Procedures for Abatement of Highway Traffic Noise and Construction Noise”, Code of Federal Regulations, Title 23 Part 772 (23 CFR 722), July 13, 2010.

INDOT, “Traffic Noise Analysis Procedure”, https://www.in.gov/indot/engineering/files/2022-INDOT-Noise-Policy-Signed-Final-101222.pdf, October 12, 2022.

Environmental Protection Authority, South Sydney, NSW. Environmental Criteria for Road Traffic Noise. May 1999.

Appendix A: Noise Sensitive Area Maps

CNE 1

CNE 2

41

HARLAN DR

Vigo County Industrial Park

BRUNER ST

PROPEL US 41
Smarter Transportation. Stronger Communities.

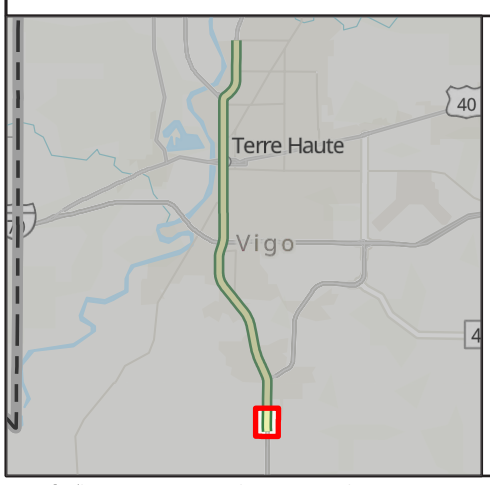
Noise Sensitive Areas

Series Page 1 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

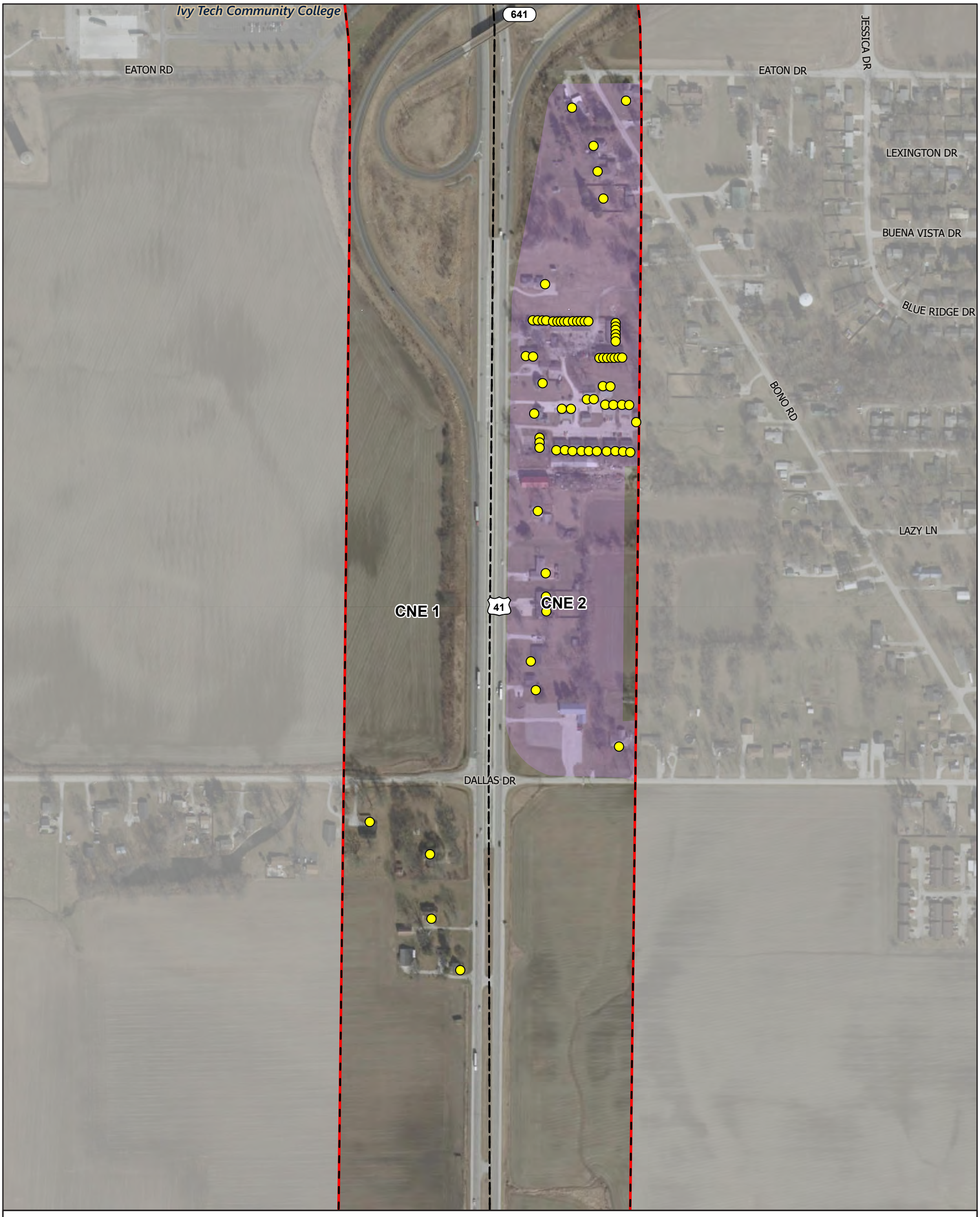
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

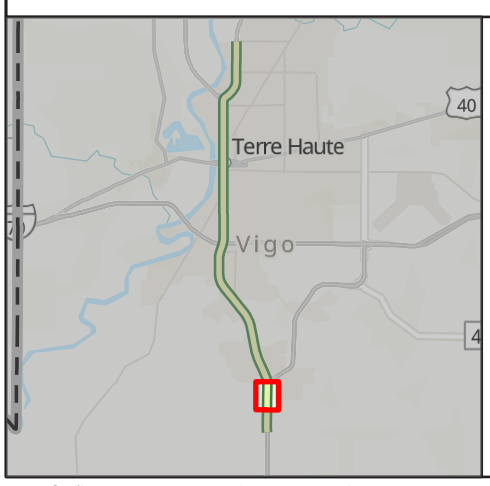
Noise Sensitive Areas

Series Page 2 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

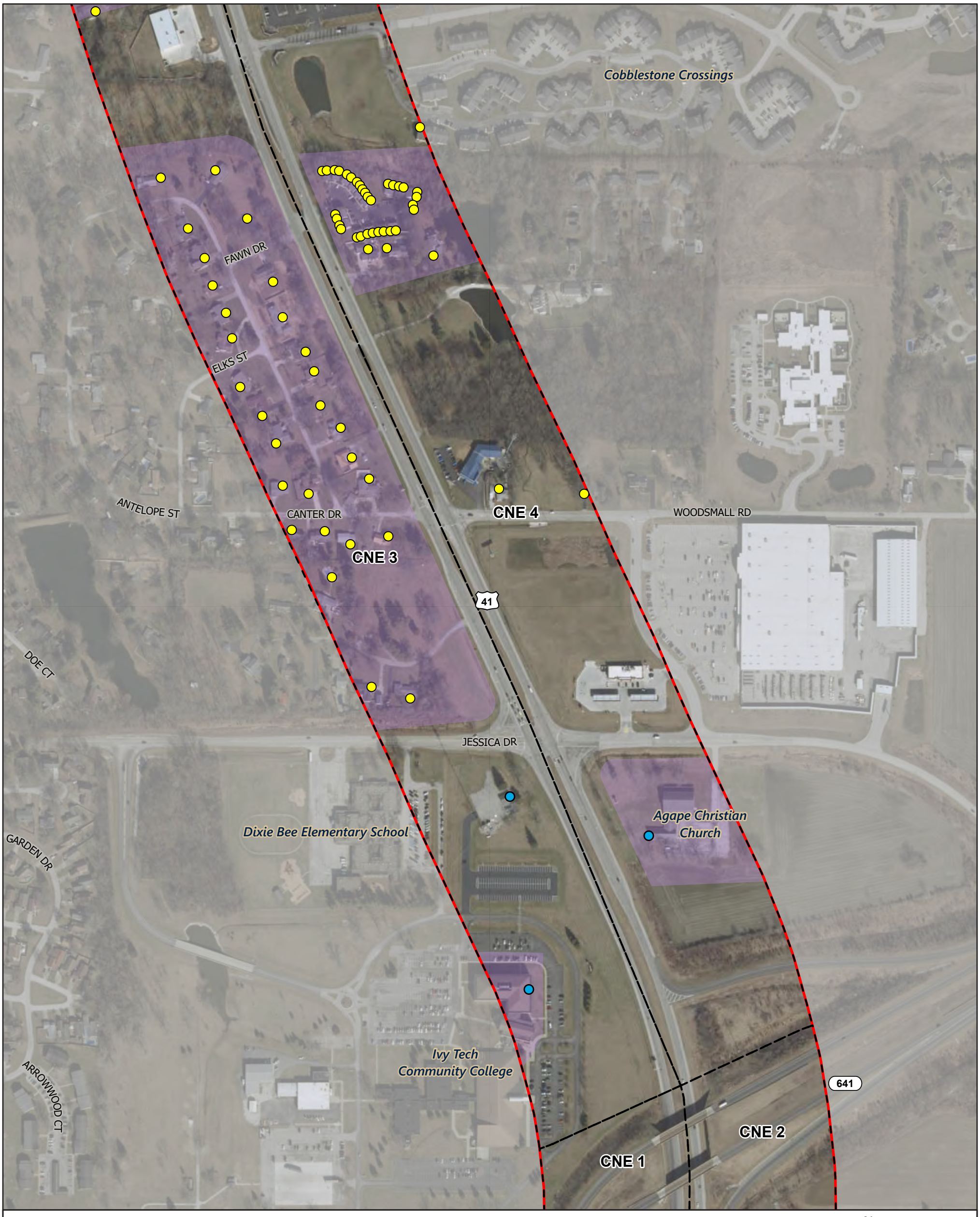
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

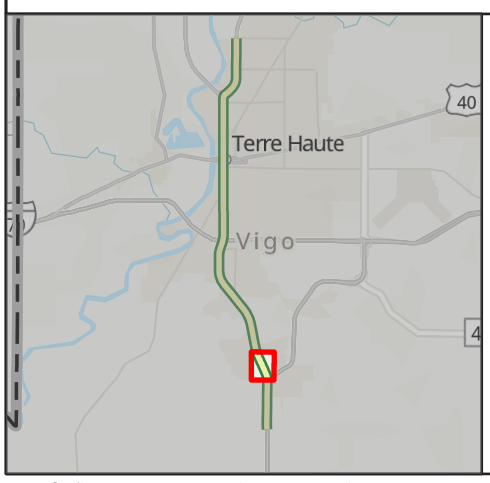
Noise Sensitive Areas

Series Page 3 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

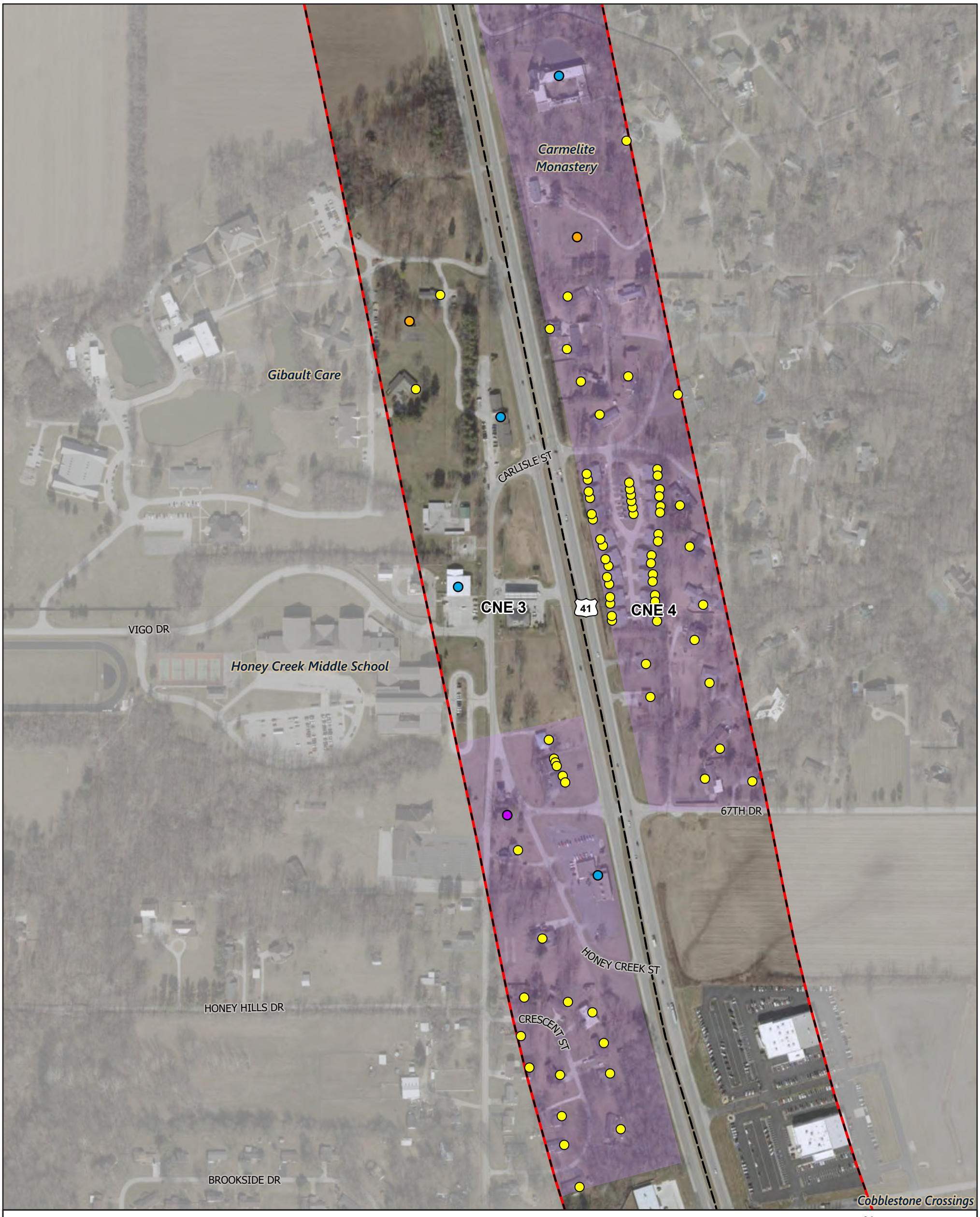
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

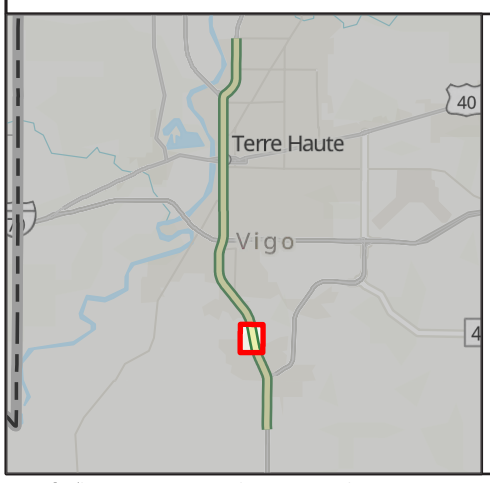
Noise Sensitive Areas

Series Page 4 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

CNE 8
CNE 9
OLD ROYSE RD
7TH ST
CHARLOTTE LN
52ND DR
MELISSA WAY
MARION ST
WOOD LN
MARION WAY
53RD DR
CNE 7
United Methodist Temple
BARBARA LN
CNE 6
41
56TH DR
CROSSING BLVD
CNE 5
Honey Creek
CNE 3
CNE 4
Carmelite Monastery

PROPEL US 41
Smarter Transportation. Stronger Communities.

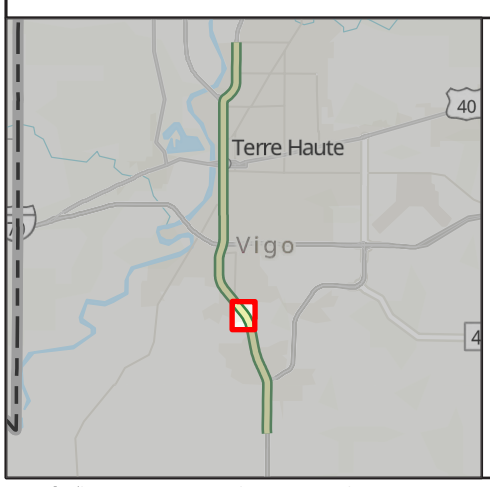
Noise Sensitive Areas

Series Page 5 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

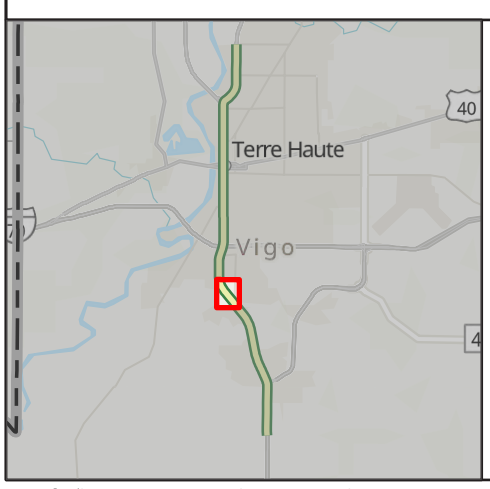
MAYFAIR DR
1ST ST
SPRINGHLL DR
43RD DR
8TH ST
ARLINGTON ST
SUNSET PIKE
CNE 9
CNE 8
41
47TH DR
48TH DR
WINDSOR RD
RAYMOND DR
7TH ST
50TH DR
OLD ROYSE RD
CNE 6
CHARLOTTE LN
CNE 7
SULLIVAN PL
52ND DR

PROPEL US 41
Smarter Transportation. Stronger Communities.

Noise Sensitive Areas

Series Page 6 of 15

N
0 0.05 0.1 Miles
Scale: 1:4,200



500-ft Noise Study Area
Area for Further Investigation
Common Noise Environment

FHWA Noise Abatement Category
B
C
D
E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

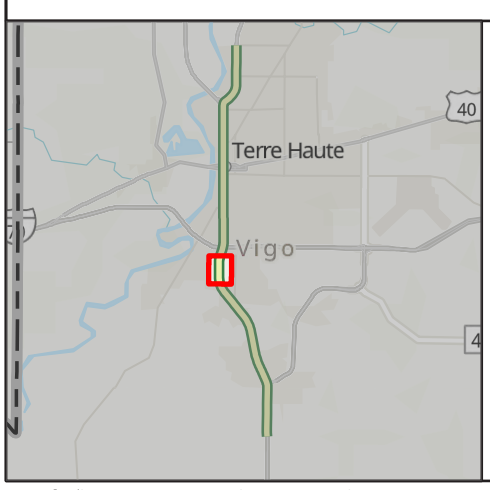
Noise Sensitive Areas

Series Page 7 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

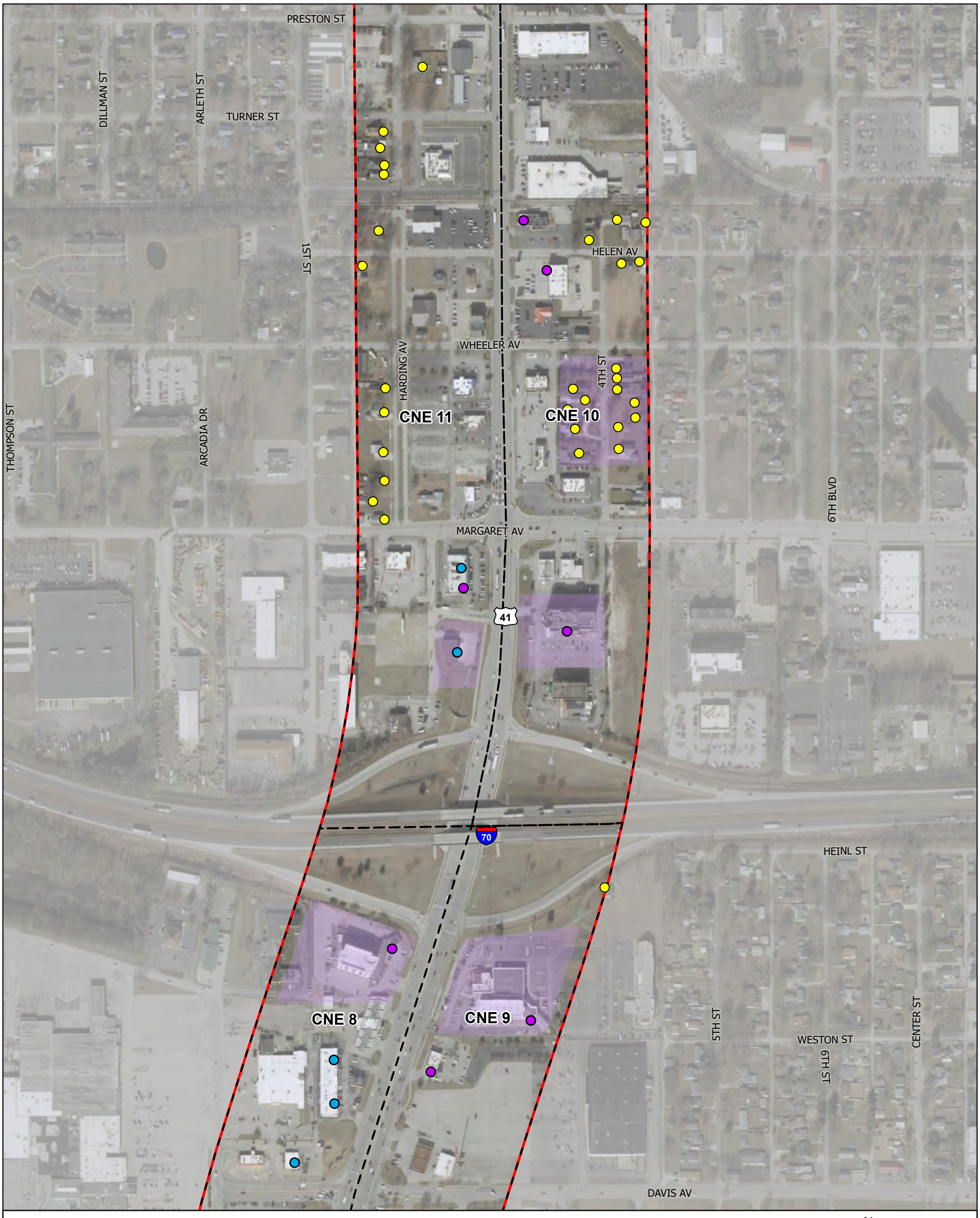
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

Noise Sensitive Areas

Series Page 8 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

WILLOW ST
PUTNAM ST
Candles Holocaust Museum & Education Center
OSBORNE ST
SEABURY AV
HULMAN ST
PRAIRETOWN RD
HARDING AV
4TH ST
CNE 13
IDAHO ST
5TH ST
6TH ST
MCKEEN ST
CNE 11
41
1ST ST
DEMRORSET ST
MINSHALL ST
CENTER ST
LINCOLN ST
GRANT ST
BORING ST
DILLMAN ST
ARLETH ST
MORTON ST
VOORHEES ST
CNE 10
LAYHER AV
GREENWOOD ST
PRESTON ST

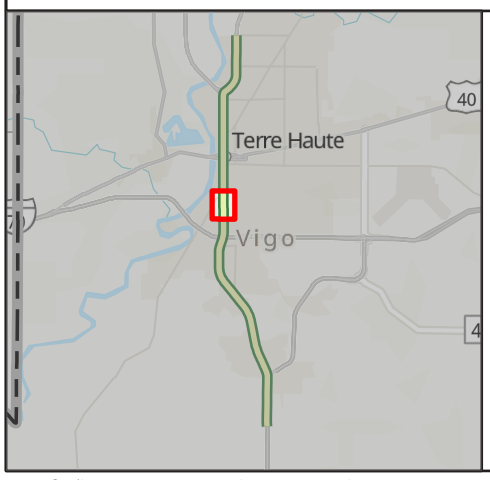
Noise Sensitive Areas

Series Page 9 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

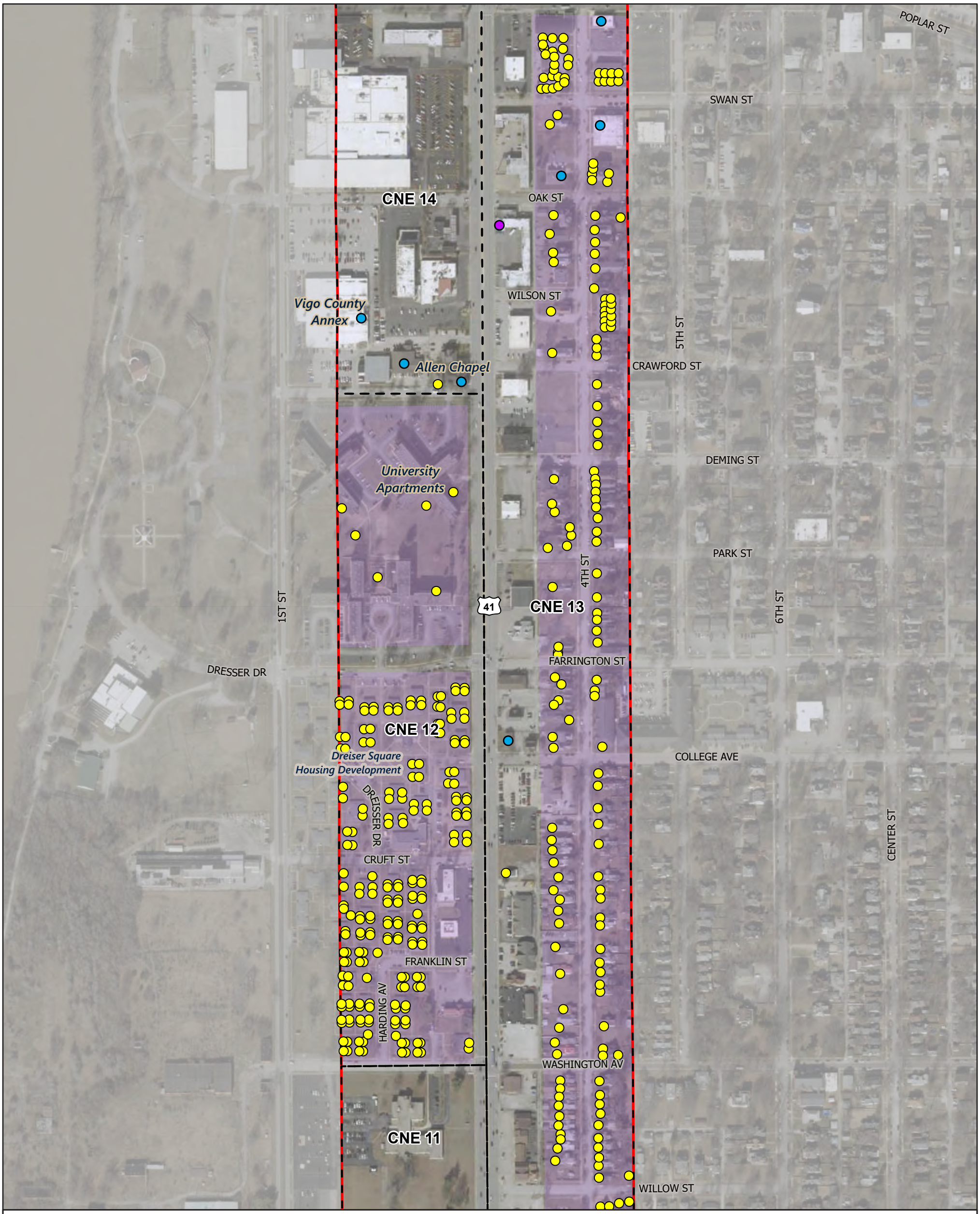
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

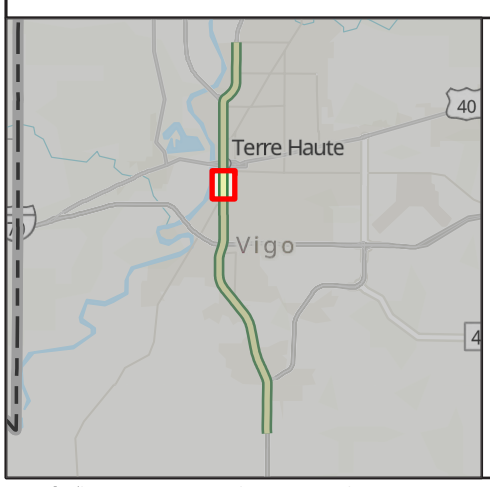
Noise Sensitive Areas

Series Page 10 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)

SPRUCE ST
Price Field
6 1/2 ST
CANAL ST
1ST ST
SYCAMORE ST
CNE 16
Indiana State University
CHESTNUT ST
Wolf Field
EAGLE ST
2ND ST
CNE 14
41
4TH ST
5TH ST
MULBERRY ST
WATER ST
CHERRY AV
WABASH AV
Vigo County Courthouse
CNE 15
150
OHIO ST
6TH ST
HARDING AV
WALNUT ST
DRESSER DR
POPLAR ST
CNE 13
SWAN ST

PROPEL US 41
Smarter Transportation. Stronger Communities.

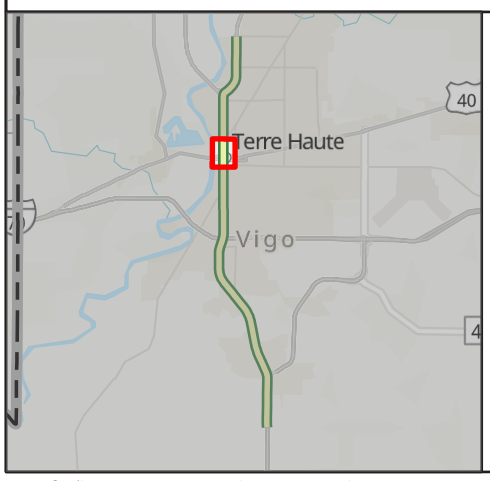
Noise Sensitive Areas

Series Page 11 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

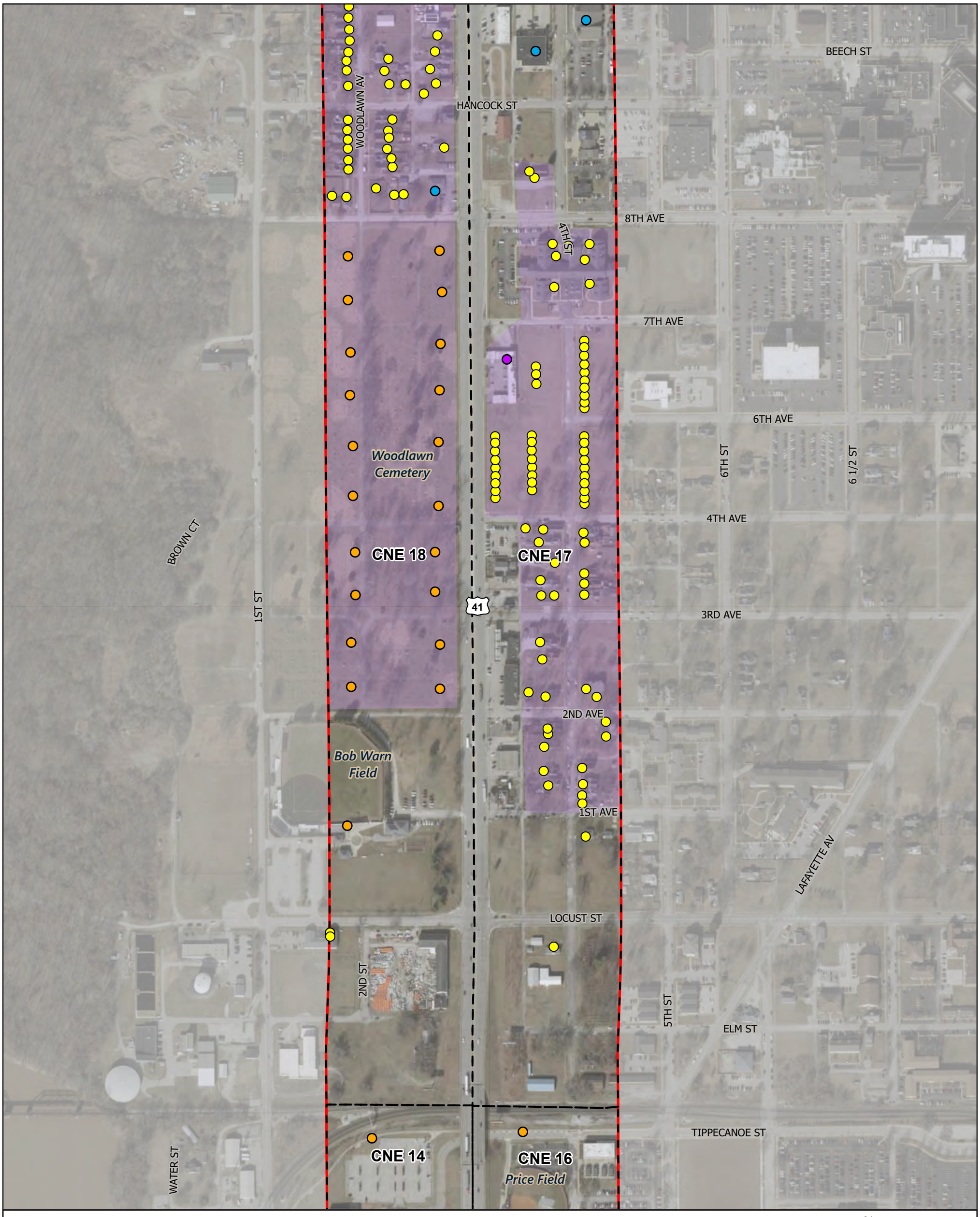
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

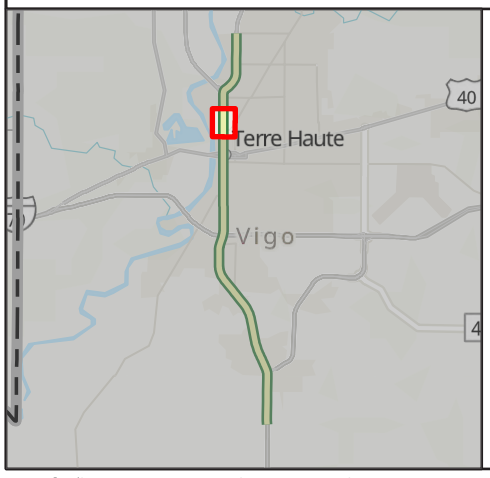
Noise Sensitive Areas

Series Page 12 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

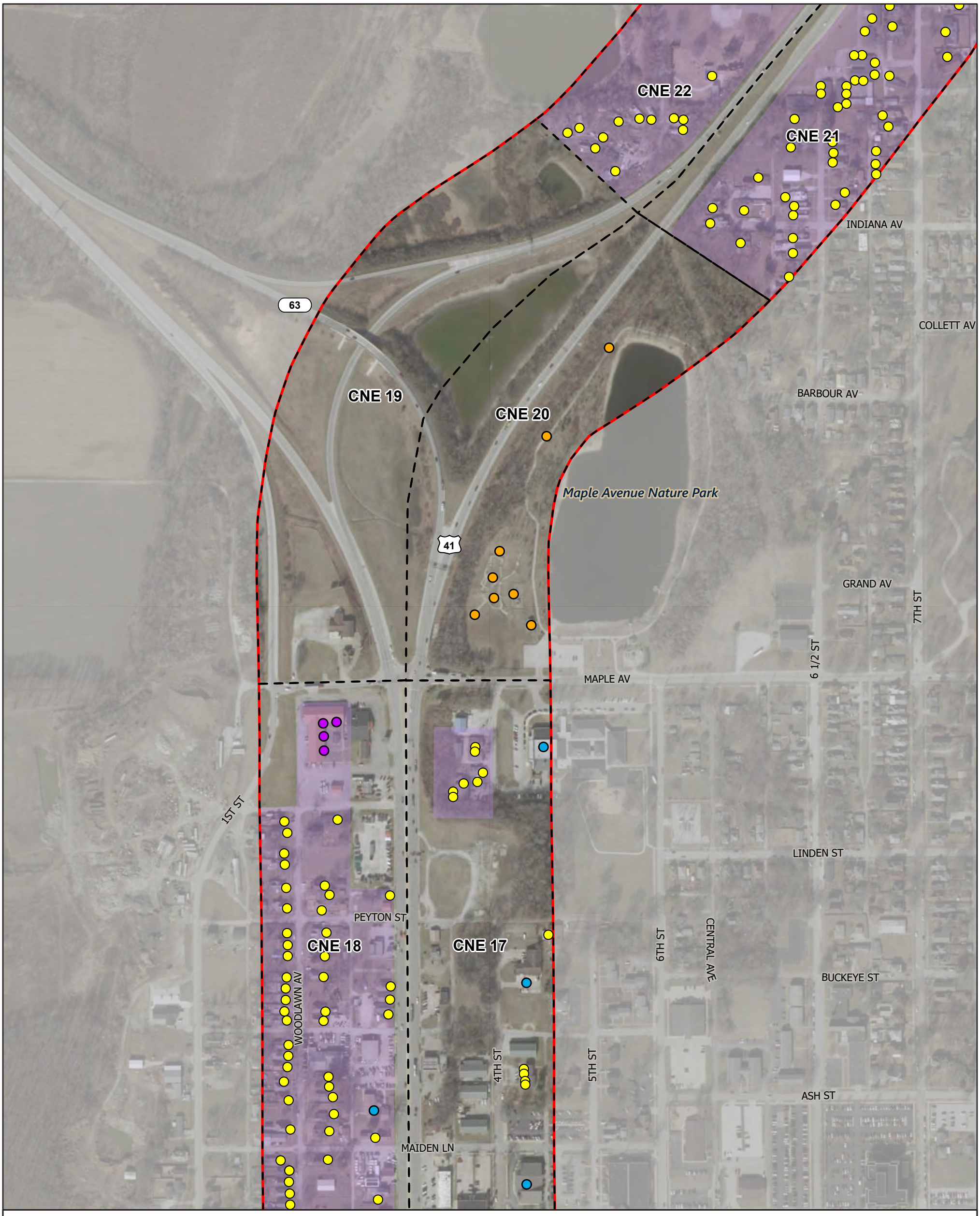
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

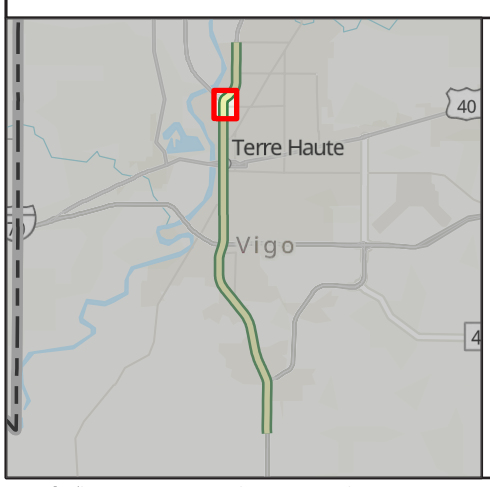
Noise Sensitive Areas

Series Page 13 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

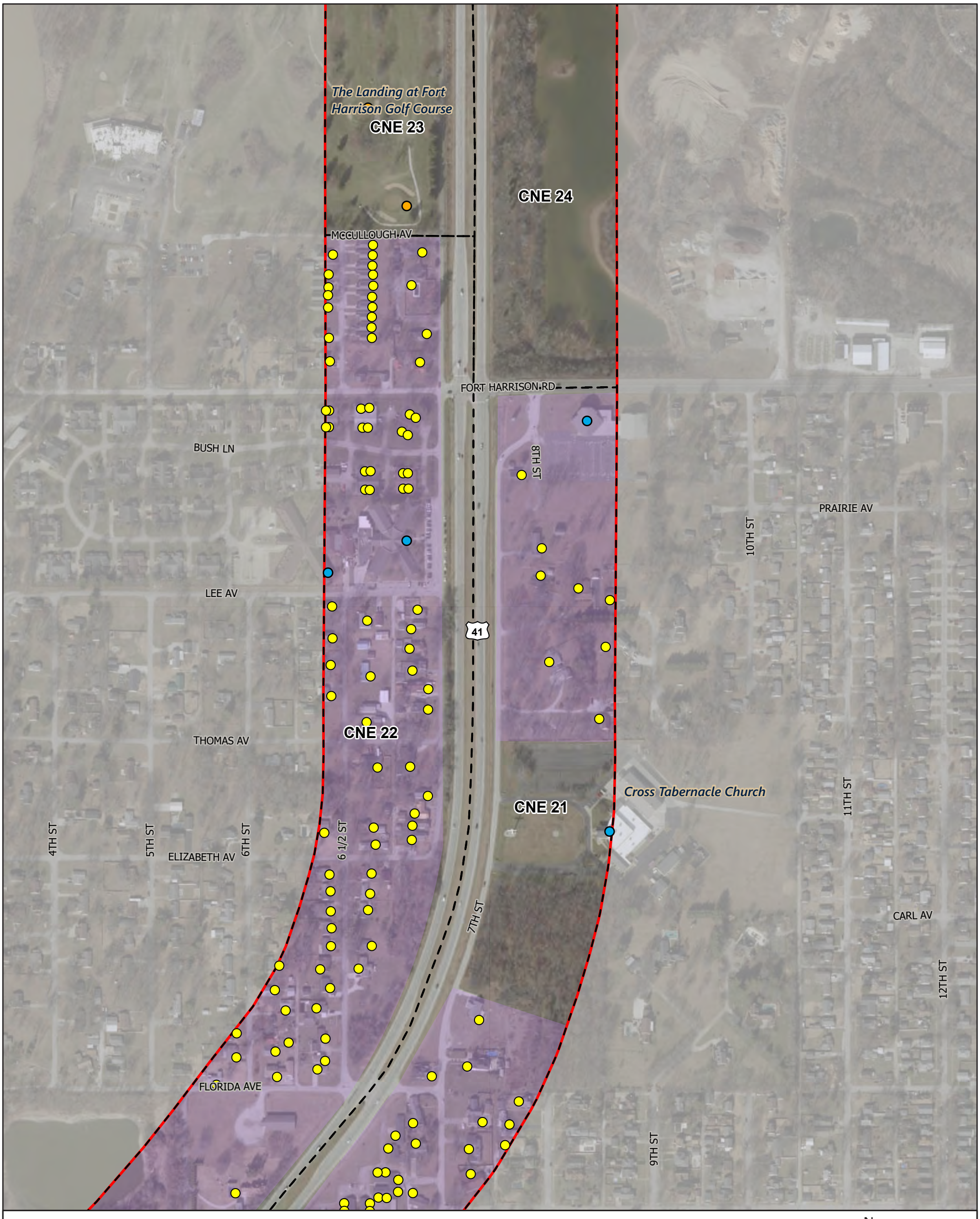
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

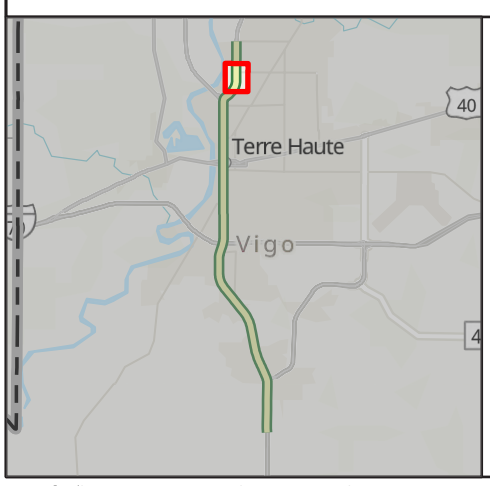
Noise Sensitive Areas

Series Page 14 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

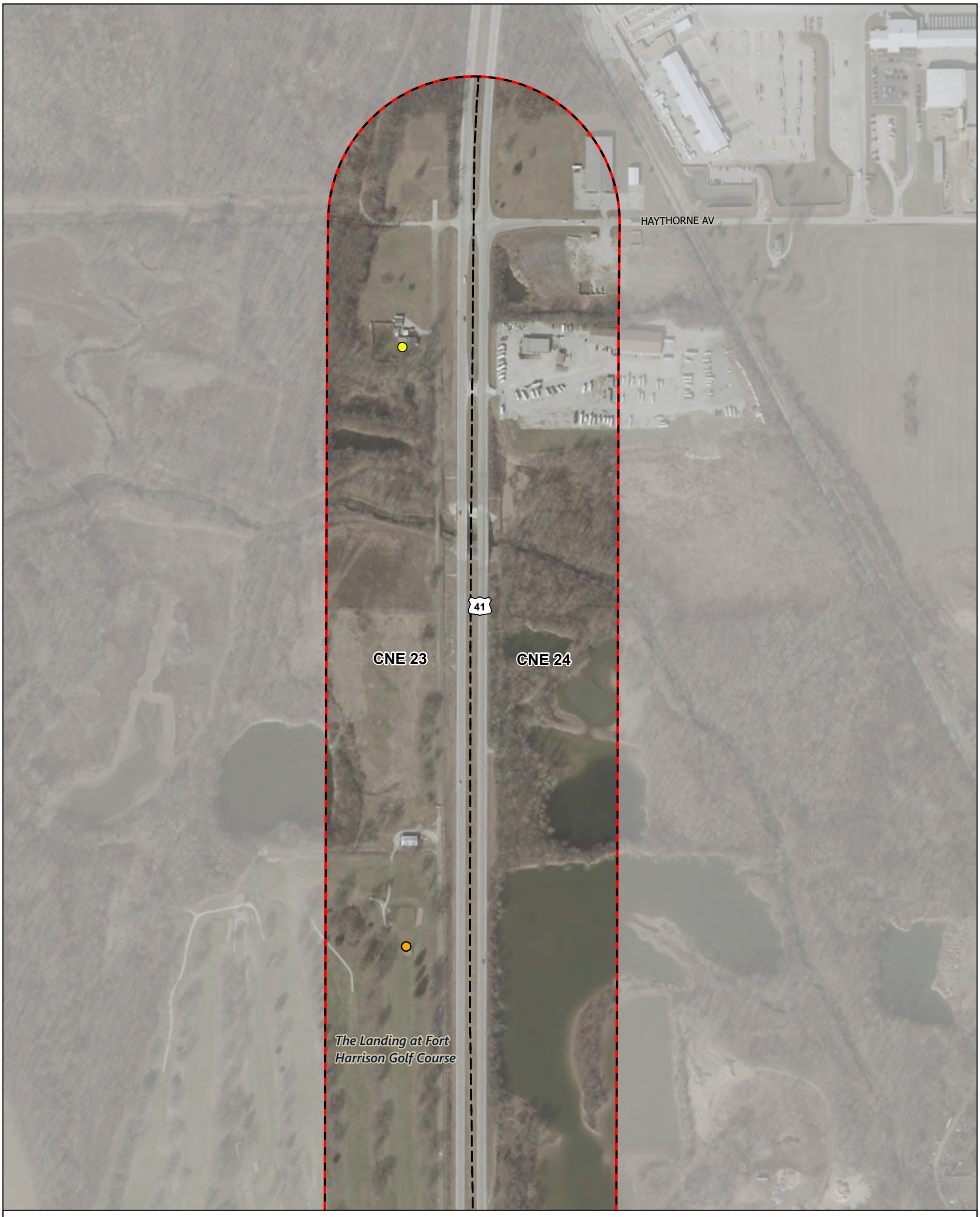
Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)



PROPEL US 41
Smarter Transportation. Stronger Communities.

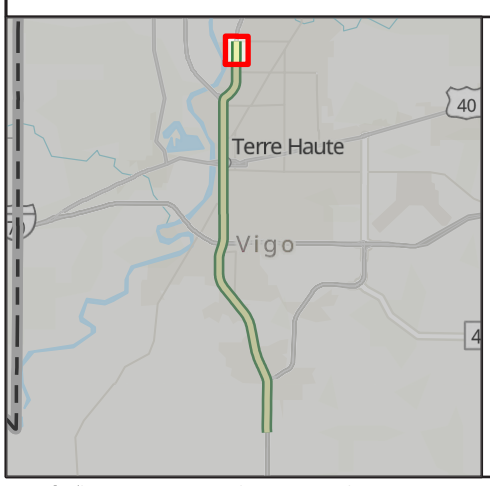
Noise Sensitive Areas

Series Page 15 of 15

N

0 0.05 0.1 Miles

Scale: 1:4,200



500-ft Noise Study Area

Area for Further Investigation

Common Noise Environment

FHWA Noise Abatement Category

- B
- C
- D
- E

State of Indiana, INDOT, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri; U.S. Department of Commerce, Census Bureau; U.S. Department of Commerce (DOC), National Oceanic and Atmospheric Administration (NOAA), National Ocean Service (NOS), National Geodetic Survey (NGS)