



APPENDIX G
Phase I Environmental Site
Assessment

Tier 2 Environmental Impact
Statement

I-69 Section 6

Martinsville to Indianapolis



**ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
OF**

**INTERSTATE 69 SECTION 6
MARTINSVILLE TO INDIANAPOLIS**

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1 EXECUTIVE SUMMARY

ATC Group Services LLC (ATC) completed a Phase I Environmental Site Assessment (ESA) for I-69 Section 6 of the proposed preferred alternatives for Interstate 69 (I-69) located in Marion, Johnson, and Morgan counties, Indiana (the “corridor”) during May 2016. The study was performed for HNTB Corporation (HNTB) on behalf of the Indiana Department of Transportation (INDOT).

The corridor consists of the proposed right of way for the I-69 Section 6 alternatives. The proposed right of way for I-69 Section 6 consists of 26 miles and begins south of the State Road (SR) 39 and SR 37 intersection in Martinsville and continues northward to Interstate 465 (I-465) in Indianapolis.

According to historical data sources (i.e. aerial photographs, city directories, and topographic maps), the corridor was predominantly agricultural and residential land from the date of the earliest historical source (1939 aerial photograph) to the early 1970s. I-465 first appeared on the 1967 Maywood, Indiana USGS 7.5 Minutes Topographic Map and commercial development was noted to increase during this time in both Indianapolis and Martinsville. The remaining portions of the corridor remained and continue to be primarily agricultural with some residential and commercial land. Rock, sand and gravel mining / quarrying and light industrial development began in the early 1980s in the northern portion of the corridor near I-465 and SR 37. By the early 1990s, Martinsville (to the south) and Indianapolis (to the north) generally appeared similar to current conditions.

For this assessment, potential properties of environmental concern were categorized using a subjective environmental risk ranking system. These properties were classified as low risk, moderate risk, or high risk. Low risk properties have little to no potential for release of hazardous or petroleum materials to the corridor or properties that have had a documented release but have achieved site closure status with the Indiana Department of Environmental Management (IDEM) or the U.S. Environmental Protection Agency (EPA). Moderate risk properties have a potential for release of hazardous or petroleum materials to the corridor or properties that have achieved site closure status with IDEM or EPA with institutional controls (i.e. groundwater use restrictions, impervious soil cover, etc.) High risk properties have an existing release, or the high potential for release, of hazardous or petroleum materials to the corridor. The site operations and hazardous material issues were ranked by their potential for on-site (within project limits) and off-site impacts. Properties ranked as moderate or high risk were considered *recognized environmental conditions*.

This study identified multiple properties that present a high risk for a *recognized environmental condition* and are recommended for further investigation for all alternatives investigated during this study. Additionally, multiple properties were identified that present a moderate risk for a *recognized environmental condition* and further investigation is recommended for these properties if the chosen alignment will result in an acquisition of the site. A summary of the moderate and high risk properties is provided in the following table.

TABLE ES.1 – Summary of Moderate and High Risk Properties

Site Number	Site Name	Address	Potential for an Environmental Condition
1	WR Beach / Affordable Auto and Towing	4402 Bluff Rd.	Moderate*
2	Hanson Aggregates / Milestone / E&B Paving	4350 Harding St.	Moderate*
3	Swift Auto Service / Motsinger Auto	4300 S. Meridian St.	Moderate*
4	Stoops / Overland Express	1631 and 1851 W. Thompson Rd.	Moderate*
5	Marathon Bulk 2734	1541 W. Thompson Rd.	High
6	Flying J Travel Plaza	1720 W. Thompson Rd.	High
7	Bud's Service	4640 Harding St.	Moderate*
8	Pilot Travel Center	4607 Harding St.	Moderate*
9	Dollar Inn / Berns Transportation	4585 Harding St.	Moderate*
14	Venture Logistics / Oliver Trucking / Penske Truck Leasing	1101 Harding Ct.	Moderate*
15	Linde / BOC Gases	1045 Harding Ct.	Moderate*
16	Circle City Tank Wash / Smith Tank Cleaning	1930 Banta Rd.	Moderate*
17	Thompson Road Dump	2635 W. Thompson Rd.	Moderate*
18	RH Marlin	2202 W Thompson Rd.	Moderate*
19	Kopetsky's / Martin Marietta / IMI / Tri-Ax Inc.	5320 S. Belmont Ave.	High
20	L and E Engineering	6450 S. Belmont Ave.	High
21	Ricker's 876 / Amoco	2025 W. Southport Rd.	Moderate*
22	Tuchman Cleaners / Marathon	378 Western Ave. Suites A and B	High
23	Speedway	6100 W. Smith Valley Road	High
24	Amoco	9614 SR 144	Moderate*

TABLE ES.1 – Summary of Moderate and High Risk Properties			
Site Number	Site Name	Address	Potential for an Environmental Condition
25	Johnson Oil Bigfoot / Shell / Circle K	9400 SR 144	Moderate*
27	Marathon Gas	3400 Old SR 37	Moderate*
31	Indiana University Health Morgan Hospital	2209 John R. Wooden Drive	Moderate*
32	Johnson Oil Bigfoot / Shell / Circle K	1229 North Bluff Road	Moderate*
33	Village Pantry #404	109 Janay Drive	Moderate*
35	Martinsville Citgo	229 Grand Valley Boulevard	Moderate*
36	Murphy USA	629 Birk Road	Moderate*
38	Turkey Hill #600	1860 South Ohio Street	Moderate*
39	Garry's Marathon Inc.	2180 Burton Lane	Moderate*
41	KMART #3790	2020 Burton Lane	Moderate*
48	Circle K #54	320 Southview Drive	High

Note – Properties that are high risk are recommended for further investigation; however, moderate priority properties denoted with an asterisk (*) beside their environmental condition potential are recommended for further investigation if the site is acquired as part of this project.

2 INTRODUCTION

2.1 Purpose

The purpose of this Phase I ESA was to identify *recognized environmental conditions* within the scope of ASTM E1527-13 *Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process* in connection with the project at the time of the property reconnaissance. This report documents the findings, opinions, and conclusions of the Phase I ESA.

2.2 Scope of Services

This Phase I ESA was conducted in general accordance with the *ASTM E 1527-13 Standard Practice for Site Assessments: Phase I Environmental Site Assessment Process*, consistent with a level of care and skill ordinarily practiced by the environmental consulting profession currently providing similar services under similar circumstances. Significant additions, deletions, or exceptions to ASTM Standard Practice E 1527-13 are noted below or in the corresponding sections of this report. The scope of this assessment included an evaluation of the following:

- Physical setting characteristics of the project through a review of referenced sources such as topographic maps and geologic, soils and hydrologic reports;
- Uses of the project, adjoining properties and surrounding area through a review of referenced historical sources such as fire insurance maps, city directories, aerial photographs, prior reports, and interviews;
- Observations and interviews regarding current site usage and conditions including: the use, treatment, storage, disposal, or generation of hazardous substances, petroleum products, hazardous wastes, nonhazardous solid wastes and wastewater;
- Uses of adjoining and surrounding area properties and the likely impact of known or suspected releases of hazardous substances or petroleum products from those properties to the project; and
- Information in referenced environmental agency databases and local environmental records for properties of environmental concern (moderate and high risk properties) identified during this investigation.

Once the elements of the investigation process, as outlined above, were completed, properties were categorized using a subjective environmental risk ranking system. Properties were classified as low risk, moderate risk, or high risk. Further discussion of each category is provided below.

- Low Risk – Properties that have little to no potential for release of hazardous or petroleum materials to the corridor, or properties with a documented release but have achieved site closure status with the Indiana Department of Environmental Management (IDEM) or the Environmental Protection Agency (EPA) may be classified as low risk. Examples of low risk properties may include agricultural land, wooded or undeveloped land, residential property, commercial land

(including automotive repair facilities with no registered underground storage tanks (USTs) or other notable environmental concerns), municipal facilities, or light industrial warehouses.

- Moderate risk – Properties that have a potential for release of hazardous or petroleum materials to the corridor. A moderate risk site may appear on a regulatory database as a generator of hazardous wastes or operating as a salvage yard or automobile / truck repair facility with visible surface staining or noted underground storage tanks (USTs). Moderate risk properties may also include properties that have achieved conditional closure status requiring institutional controls from the IDEM or EPA. Institutional controls can be listed as environmental restrictive covenants or activity and use limitations. Examples of moderate risk properties may include automotive repair facilities, industrial facilities with minor listings or violations in a regulatory database, or gasoline stations with no reported releases or violations.
- High Risk – Properties with a documented release or high potential for release of hazardous or petroleum materials to the corridor. These properties may appear in the regulatory database as having known releases to soil and groundwater with active investigations or monitoring. Examples of high risk properties may include retail fuel stations with a known release, bulk fueling terminals, industrial manufacturing facilities, properties listed in regulatory databases with active statuses, and properties with a known release that has not been addressed or remediated.

The site operations and hazardous material issues were ranked by their potential for on-site (within project limits) and off-site impacts. Properties ranked as moderate or high risk were considered *recognized environmental conditions*.

2.3 Significant Assumptions

Acquisition of site specific groundwater flow data was beyond the scope of this investigation, thus this report assumes that drainage patterns and groundwater flow in the uppermost water bearing unit and follow surface topography. Groundwater flow beneath the corridor presumably flows generally west towards the White River, for reasons discussed in Section 3.4.4 of this report. This assumption affects claims concerning the potential for contaminants to migrate to or from the corridor via groundwater. Assumptions made in this report are generally consistent with standard industry practice.

2.4 Limitations and Exceptions

ATC has prepared this Phase I ESA report using reasonable efforts to identify *recognized environmental conditions* associated with hazardous substances or petroleum products within the project limits. Findings contained within this report are based on information collected from observations made on the day of the site reconnaissance and from reasonably ascertainable information obtained from certain public agencies and other referenced sources.

The ASTM Standard Practice E 1527-13 recognizes inherent limitations for Phase I ESAs, including, but not limited to:

- *Uncertainty Not Eliminated* - A Phase I ESA cannot completely eliminate uncertainty regarding the potential for *recognized environmental conditions* in connection with the corridor.
- *Not Exhaustive* - A Phase I ESA is not an exhaustive investigation of the corridor and environmental conditions on such properties.
- *Past Uses of the Project* – A Phase I only requires review of standard historical sources at five-year intervals. Therefore, past uses of corridor at less than five-year intervals may not be discovered.

Users of this report may refer to ASTM Standard Practice E 1527-13 for further information regarding these and other limitations. This report is not definitive and should not be assumed to be a complete and/or specific definition of all conditions above or below grade. Current subsurface conditions may differ from the conditions determined by surface observations, interviews, and reviews of historical sources. The most reliable method of evaluating subsurface conditions is through intrusive techniques, which are beyond the scope of this report. Information in this report is not intended to be used as a construction document and should not be used for demolition, renovation, or other construction purposes. Any use of this report by any party, beyond the scope and intent of the original parties, shall be at the sole risk and expense of such user.

ATC makes no representation or warranty that the past or current operations in the corridor are, or have been, in compliance with all applicable federal, state, and local laws, regulations and codes. This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated. Regardless of the findings stated in this report, ATC is not responsible for consequences or conditions arising from facts not fully disclosed to ATC during the assessment.

An independent data research company provided the government agency database referenced in this report. Information on surrounding area properties was requested for approximate minimum search distances and is assumed to be correct and complete unless obviously contradicted by ATC's observations or other credible referenced sources reviewed during the assessment. ATC shall not be liable for any such database firm's failure to make relevant files or documents properly available, to properly index files, or otherwise to fail to maintain or produce accurate or complete records.

ATC used reasonable efforts to identify evidence of aboveground and underground storage tanks and ancillary equipment in the corridor during the assessment. "Reasonable efforts" were limited to observation of accessible areas, review of referenced public records and interviews. These reasonable efforts may not identify subsurface equipment or evidence hidden from view by things including, but not limited to, snow cover, paving, construction activities, stored materials and landscaping.

Any estimates of costs or quantities in this report are approximations for commercial real estate transaction due diligence purposes and are based on the findings, opinions, and conclusions of this assessment, which are limited by the scope of the assessment, schedule demands, cost constraints, accessibility limitations, and other factors associated with performing the Phase I ESA. Subsequent determinations of costs or quantities may vary from the estimates in this report. The estimated costs or quantities in this report are

not intended to be used for financial disclosure related to the Financial Accounting Standards Board (FASB) Statement No. 143, FASB Interpretation No. 47, Sarbanes/Oxley Act or any United States Securities and Exchange Commission reporting obligations, and may not be used for such purposes in any form without the express written permission of ATC.

ATC is not a professional title insurance or land surveyor firm and makes no guarantee, express or implied, that any land title records acquired or reviewed in this report, or any physical descriptions or depictions of the corridor in this report, represent a comprehensive definition or precise delineation of property ownership or boundaries.

The Environmental Professional Statement in Section 14.0 of this report does not "certify" the findings contained in this report and is not a legal opinion of such *Environmental Professional*. The *Environmental Professional* Statement is intended to document ATC's opinion that an individual meeting the qualifications of an Environmental Professional was involved in the performance of the assessment and that the activities performed by, or under the supervision of, the *Environmental Professional* were performed in conformance with the standards and practices set forth in 40 CFR Part 312 per the methodology in ASTM Standard Practice E 1527-13 and the scope of work for this assessment.

Per ASTM Standard Practice E 1527-13, I-69 Section 6, User Responsibilities, the User of this assessment has specific obligations for performing tasks during this assessment that will help identify the possibility of *recognized environmental conditions* in connection with the corridor. Failure by the User to fully comply with the requirements may impact their ability to use this report to help qualify for *Landowner Liability Protections* (LLPs) under Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). ATC makes no representations or warranties regarding a User's qualification for protection under any federal, state, or local laws, rules, or regulations.

In accordance with the ASTM Standard Practice E 1527-13, this report is presumed to be valid for a six-month period. However, in order for the report to remain valid, an update is required if the following inquiries are older than six months: (1) regulatory review, (2) site visit, (3) interviews, (4) specialized knowledge and (5) environmental liens search. Reports older than one year may not meet the ASTM Standard Practice 1527-13 and therefore, the entire report must be updated to reflect current conditions and corridor-specific information.

Other limitations and exceptions that are specific to the scope of this report may be found in corresponding sections.

2.5 Special Terms and Conditions / User Reliance

This report is for the use and benefit of, and may be relied upon by HNTB Corporation (HNTB), Indiana Department of Transportation (INDOT), their respective affiliates, and any other third parties authorized in writing by said parties and ATC, and their respective successors and assigns. Any third party agrees by accepting this report that any use or reliance on this report shall be limited by the exceptions and limitations in this report, and with the acknowledgment that actual site conditions may change with time, and that hidden conditions may exist at the corridor that were not discovered within the authorized scope of the assessment. Any use by or distribution of this report to third

parties, without the express written consent of ATC, is at the sole risk and expense of such third party.

ATC makes no other representation to any third party except that it has used the degree of care and skill ordinarily exercised by environmental consultants in the preparation of the report and in the assembling of data and information related thereto. No other warranties are made to any third party, either expressed or implied.

3 PROJECT DESCRIPTION

3.1 Location of the Corridor

The corridor consists of the proposed right of way for the I-69 Section 6 alternatives. The proposed right of way for I-69 Section 6 consists of approximately 26 miles and begins south of the State Road (SR) 39 and SR 37 intersection in Martinsville, and continues northward to Interstate 465 (I-465) in Indianapolis. The corridor spans three Indiana counties: Marion, Johnson, and Morgan. Corridor Maps are included in **Appendix B** of this report.

3.2 Corridor and Vicinity Land Use

The northern portion of the corridor begins in southwest Indianapolis (Marion County) in an area characterized by light industrial, commercial, and mining (gravel quarry) uses. The project trends towards commercial, agricultural, and residential use to the south and is predominantly residential and undeveloped / agricultural land from the area south of Southport Road to SR 44 (Martinsville). The Martinsville area consists predominantly of commercial and residential land. Surface topography across the project is variable and is relatively flat to gently rolling along the northern portions with a trend towards more rugged topography to the south.

3.3 Purpose and Need of the Project

The purpose and need for I-69 Section 6 of the I-69 project remains unchanged from the previous I-69 Sections. The purpose of I-69 is to provide an improved transportation link between Evansville and Indianapolis that strengthens the transportation network in southwest Indiana, supports economic development in southwest Indiana, and completes the portion of the National I-69 project between Evansville and Indianapolis. The project needs are described as follows.

- To complete the section 6 of I-69 between SR 39 south of Martinsville and I-465 in Indianapolis
- To decrease highway congestion and to accommodate increasing levels of highway traffic
- To increase highway safety
- To support regional economic development

3.4 Physical Setting Sources

3.4.1 Topography

The corridor located north of Martinsville has a generally flat to gently rolling topography. The southern portion of the corridor near and south of Martinsville trends towards a more rugged topography. The corridor spans across the *Maywood, Bargersville, Mooresville East, Cope, and Martinsville, Indiana* USGS 7.5 Minute Topographic Quadrangle Maps. The topographic maps indicate the ground surface ranges from 590 feet above mean sea level (MSL) to 800 feet above MSL. Regionally, the ground surface generally slopes west towards the White River. A copy of the topographic maps is provided as **Appendix A** of this report.

3.4.2 Geology

The unconsolidated material below the corridor generally consists of a mixture of alluvium (Holocene); undifferentiated outwash, dune sand, and loam till (Wisconsinan); and siltstone and shale (Mississippian). The unconsolidated material has a thickness ranging from approximately 0 to 200 feet. (Gray, 1989)

The bedrock below the northern portion of the project corridor consists primarily of Devonian to Mississippian aged black and greenish-gray shale of the New Albany Shale Formation. The area from Wicker Road south to the southern terminus of the project consists primarily of Mississippian aged siltstone and cherty and silty limestone of the Borden Group. The surface of the bedrock has an elevation of approximately 500-700 feet above MSL. Regionally, the bedrock surface dips west towards the White River. (Gray, 1987)

The portion of the corridor north of Old SR- 37 is located within the New Castle Till Plains and Drainageways section of the Central Till Plain. The New Castle Till Plains and Drainageways section is characterized by an area of low relief with major tunnel valleys that cross in a southerly to southwesterly radial pattern. The area south of Old SR-37 to the southern terminus of the corridor is located within the Martinsville Hills section of the Southern Hills and Lowlands physiographic region. The Martinsville Hills section is characterized by rugged topography with strong glacial modification of the underlying bedrock topography. (Gray, 2000)

3.4.3 Soils

The U.S. Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey classifies the soils in the corridor as:

- Armiesburg silty clay loam, Ar
- Banlic silt loam, Ba
- Berks channery silt loam, thirty-five to eighty percent slopes, BfG
- Bloomfield loamy fine sand, six to twelve percent slopes, BmC
- Chetwynd loam, eighteen to eighty percent slopes, ChF
- Brookston clay loam, Br
- Crosby silt loam, zero to two percent slopes, CrA
- Eel silt loam, Ee
- Elkinsville silt loam, six to twelve percent slopes, EsC2
- Fincastle silt loam, Tipton Till Plain, zero to two percent slopes, FcA
- Fox loam, zero to two percent slopes, FoA
- Fox loam, two to six percent slopes, FoB2
- Fox complex, six to fifteen percent slopes, FxC2
- Genesse loam, Ge
- Genesee silt loam, zero to two percent slopes, Ge
- Gessie silt loam, zero to two percent slopes, Ge
- Gilpin silt loam, twelve to eighteen percent slopes, GpD
- Martinsville loam, zero to two percent slopes, MeA
- Martinsville loam, two to six percent slopes, MeB
- Martinsville silt loam, two to six percent slopes, MgB2
- Miami clay loam, twelve to eighteen percent slopes, MoD3
- Miami silt loam, two to six percent slopes, MnB2

- Miami silt loam, six to twelve percent slopes, MnC2
- Miami silt loam, twelve to eighteen percent slopes, MnD2
- Ockley loam, zero to two percent slopes, ObaA
- Ockley loam, two to six percent slopes, OcB2
- Ockley silt loam, zero to two percent slopes, OcA
- Parke silt loam, six to twelve percent slopes, PkC2
- Parke silt loam, twelve to eighteen percent slopes, PkD
- Pike silt loam, zero to two percent slopes, PpA
- Pike silt loam, two to six percent slopes, PpB2
- Pits, Ps
- Princeton fine sandy loam, two to six percent slopes, PrB
- Princeton fine sandy loam, six to twelve percent slopes, PrC
- Princeton fine sandy loam, twelve to eighteen percent slopes, PrD
- Princeton fine sandy loam, eighteen to twenty-five percent slopes, PrE
- Gravel pits, Pg, Pmg
- Quarry pits, Pml
- Rensselaer clay loam, Re
- Rensselaer silty clay loam, Re
- Ross loam, Ro
- Russell silt loam, two to six percent slopes, RuB
- Shoals silt loam, zero to two percent slopes, Sh
- Sleeth loam, Sk
- Sloan silt loam, Sn
- Udorthents, Ua
- Urban land – Genesee complex, Ug
- Urban land – Miami complex, zero to six percent slopes, UmB
- Urban land – Miami complex, six to twelve percent slopes, UmC
- Wakeland silt loam, Wa
- Weikert channery silt loam, WcG
- Westland clay loam, We
- Whitaker loam, Wr
- Whitaker silt loam, Wh

Copies of the Soil Survey maps are included in **Appendix I** of this report.

3.4.4 Hydrogeology

Runoff in the corridor is generally controlled by infiltration into the ground surface and overland flow. Regional groundwater flow direction is generally influenced by major hydrogeologic features such as a river or lake. Surface and/or bedrock topography may also influence regional groundwater flow direction. According to the Potentiometric Surface Maps of the Unconsolidated Aquifers of Marion, Johnson, and Morgan counties, Indiana (Grove, Maier, and Scott, 2012), groundwater generally flows west towards the White River. Specifically, groundwater flows west northwest in Marion and Johnson Counties and north northwest in Morgan County. A complete hydrogeologic investigation would be necessary to determine local groundwater flow direction. Estimated groundwater levels and/or flow direction(s) may vary due to seasonal fluctuations in precipitation, local use demands, geology, underground structures, or dewatering operations.

Multiple stormwater retention ponds, quarry pit lakes, standing water, and surface water features such as streams were observed within the corridor. The White River generally flows

from the north to the south along SR 37. Quarry pit lakes were observed within and/or near the northern project limits in Marion County.

4 USER PROVIDED INFORMATION

The following section summarizes information provided by HNTB (User) regarding the Phase I ESA.

4.1 Title Records

The User provided no title records information. A title records search was not conducted as part of this study.

4.2 Environmental Liens or Activity and Use Limitations (AULs)

A search for environmental liens and activity and use limitations was not conducted as part of this study. A review of files from the IDEM VFC was conducted for the identified potential properties of environmental concern. Environmental liens and AULs discovered in the regulatory document review are documented further in **Table 1** (included as an attachment to this report).

4.3 Specialized Knowledge

HNTB reported an ongoing environmental investigation regarding a chlorinated solvent release to the groundwater near Site 22, Tuchman Cleaners and Marathon. Additionally, the I-69 Section 6 project team stated that the Kopetsky's property, Site 19, was reported to have historically used and currently uses unknown fill to backfill the on-site quarry pond. Both of these properties are discussed in pertinent sections of this report and in the attached tables.

4.4 Commonly Known or Reasonably Ascertainable Information

No commonly known or reasonably ascertainable information was reported by the User.

4.5 Significant Valuation Reduction for Environmental Issues

No significant valuation reduction for environmental issues was reported by the User.

4.6 Reason for Performing Phase I ESA

The User stated that the reason for performing this study was related to a potential INDOT road construction project for I-69.

4.7 User Provided Documents

No user provided documents were provided.

5 RECORDS REVIEW

5.1 Standard Environmental Records

The regulatory agency database report discussed in this section, provided by Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut, was reviewed for information regarding reported releases of hazardous substances and petroleum products on or near the corridor. ATC also reviewed the “unmappable” (also referred to as “orphan”) listings within the database report, cross-referencing available address information and facility names. Unmappable properties are listings that could not be plotted with confidence, but are potentially in the general area of the project based on the partial street address, city, or zip code. The complete regulatory agency database report may be found in **Appendix F** of this report.

Multiple files were listed in the Spills, Manifest, Finds, ERNS, and ECHO databases. Additionally, multiple UST properties were identified. However, based on lack of reported releases, permanent closure of USTs, or distance from the corridor, most of these database listings were not considered an environmental concern for the proposed project. Furthermore, these entries were reviewed on the IDEM VFC; however, only properties that present an environmental concern to the project are discussed in **Section 10, Table 10.1** and **Table 1** (included as an attachment to this report).

EDR proprietary records identified 30 historic auto repair facilities and 5 historic cleaners in the search radius. ATC used these non-ASTM data sources as supplemental information to aid with the historical and regulatory reviews. It should be noted that the EDR proprietary database information is not required for ASTM or INDOT standards, but they do provide a summary of properties from which additional research can be conducted.

None of the properties listed in the orphan summary are considered to represent a likely past, present or material threat of release to the corridor.

ATC reviewed files on the IDEM Virtual File Cabinet (VFC) for additional information regarding contamination for each of the properties of environmental concern listed in **Table 5.1, Table 1** (included as an attachment to this report) summarizes site descriptions and regulatory listings that are relevant to the environmental risk ranking determination.

TABLE 5.1 – Summary of Federal, State and Tribal Database Findings			
Regulatory Database	Search Radius	Facilities Listed	Potential Properties of Environmental Concern
Federal National Priority (NPL)	1 mile	1	0
Federal Delisted NPL	½ mile	0	0
Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) list	½ mile	1	0
Federal CERCLIS No Further Remedial Action Planned (NFRAP)	½ mile	1	0
Federal Resource Conservation and	1 mile	1	1

TABLE 5.1 – Summary of Federal, State and Tribal Database Findings			
Recovery Act (RCRA), Corrective Action facilities (CORRACTS)			
Federal RCRA non- CORRACTS Treatment, Storage, and Disposal Facilities (TSD)	½ mile	1	1
Federal RCRA Generators (SQG & LQG)	Project Area and Adjoining	7	2
Federal RCRA Generators (CESQG)	Project Area and Adjoining	17	6
Federal Institutional Control/Engineering Control Registry	Project Area	0	0
Federal Emergency Response Notification System (ERNS) list	Project Area	12	3
PCB Activity Database System (PADS)	Project Area	1	0
State and Tribal CERCLIS	½ mile	0	0
State and Tribal Landfill or Solid Waste Disposal Sites	½ mile	0	0
State and Tribal Leaking Underground Storage Tanks (LUST)	½ mile	51	20
State and Tribal Registered Underground Storage Tanks (UST)	Project Area and Adjoining	76	30
State and Tribal Voluntary Cleanup Site (VCP/SCP)	Project Area	4	2
State and Tribal Brownfield Sites	½ mile	3	1
Drycleaners	Project Area	1	1
Recycling Facilities (SWRCY)	Project Area	22	0
Tier 2	Project Area and Adjoining	28	7
EDR Manufactured Gas Plants	Project Area and Adjoining	0	0
EDR Historical Auto Stations	Project Area and Adjoining	30	12
EDR Historical Dry Cleaners	Project Area and Adjoining	5	3

5.1.1 Local Environmental Records Sources

Local Health Department

ATC contacted the Morgan, Marion, and Marion County Health Departments in order to review any records of violations, complaints, or septic systems that may be on file for the corridor. According to Mr. John Bonsett, Director of Environmental Health for the Johnson County Health Department, there were no specific environmental concerns associated with the properties located in Johnson County. Mr. Bonsett stated that Site 23, Speedway, located at 6100 West Smith Valley Road is currently on the municipal water supply; however, a water well was previously the main water source for the property. He also stated that a septic system was installed at this property in 2006. According to Mr. Bonsett, Site 24, Amoco located at 9614 SR 144 currently utilizes a septic system located east of the building and this property has also been served by a private water well in the past. Site 25, Shell Station, located at 9400 SR 144 is reportedly also served by an on-site well. Mr. Bonsett stated that this property shares a septic system with the eastern adjacent property and the septic system is located to the east of the property. Mr. Bonsett was unaware of any leaking underground tanks at any of these locations. A record of communication is provided in Appendix E.

ATC attempted to contact Ms. Janeth Gomez with the Marion County Health Department. At the time this report was issued a response from the Marion County Health Department had not been received. Pertinent information gained from this interview, if any, will be provided as an addendum to this report.

According to Mr. Kevin White of the Morgan County Health Department, there are no open complaints with the properties of environmental concern located in Morgan County. According to Mr. White, all of the properties are currently connected to public sewer except for 3400 Old SR-37 (Marathon – Site 27), 1890 SR 44 (Site 30 – Washington Township Fire), and 1465 SR 252 (Site 34 – Towne View Auto Clinic). The Records of Communication are provided in **Appendix E** of this report.

Fire Department

ATC contacted the Indianapolis, Martinsville, and Washington Township Fire Departments via email and telephone. According to the Indianapolis Fire Department contact, Ms. Ethel Dodds, three incidents involving a fire and petroleum odors were reported. Flying J (Site 6), located at 1720 Thompson Road was reported as having a major fire within the restaurant/store in 2016. No releases of petroleum or hazardous substances were reported. A fire was reported at 4300 South Meridian Street (Site 3) with a roof collapse. No releases were reported with this fire. Additionally, a report of gas odors was made at Site 19, Kopetsky's. No releases were discovered by the fire department upon investigation. Copies of these files are provided in **Appendix E** of this report.

The Martinsville Fire Department reported three minor gasoline spills at Site 38, 48 and 36. The spills were contained and cleaned with no major releases to the environment reported. Copies of these files are provided in **Appendix E** of this report.

According to the Washington Township Assistant Fire Chief, Mike Herrington, multiple gasoline and diesel spills of less than 10-gallons have occurred during traffic accidents along SR 37 over the years. Mr. Herrington was not aware of any other major releases or hazardous material runs in the area. Copies of these files are provided in **Appendix E** of this report.

Other Local Environmental Records Sources

No additional local environmental records sources were reviewed.

5.2 Historical Use Information

5.2.1 Aerial Photographs

ATC reviewed available aerial photographs of the corridor and adjacent properties as provided by Historical Information Gatherers, Inc. (HIG). Available aerial photographs ranged from 1939 to 2014. The historical aerials were reviewed for the entire corridor; however, only the potential properties of environmental concern are discussed in detail. The entire corridor was generally agricultural land with some residential parcels near Martinsville and Indianapolis from the date of the oldest aerial photograph (1939) to the early 1970s. SR 37 appeared in its current alignment and I-465 first appeared on the 1970 aerial photograph. Commercial development began to increase during this time in both Indianapolis and Martinsville. The remaining portions of the corridor continue to be primarily agricultural with some residential and commercial land. The stone quarries and light industrial development began in the early 1980s in the northern portion of the corridor near I-465 and SR 37. By the early 1990s, Martinsville (to the south) and Indianapolis (to the north) generally appeared similar to current site conditions. See **Appendix G** of this report for copies of the historical aerial photographs and **Table 2** (included as an attachment to this report) for a tabular summary of the historical aerial photograph findings for the potential properties of environmental concern.

Given the current and/or historical use of portions of the corridor as agricultural fields (as observed on review of historic aerial photographs), potential concern is noted regarding the probable use of pesticides, herbicides, and fertilizers. If these materials were stored, used, and applied according to industry standards, they should not have significantly impacted the corridor. Evidence of large-scale use or disposal of pesticides, herbicides, or fertilizers, such as mixing tanks, chemical storage areas, sprayers, etc., was not observed within the corridor. Evidence for the overuse of these materials, such as stressed vegetation, was not observed.

ATC notes that structures were historically present throughout the corridor and the fuel sources for the former structures' heating are unknown. However, no evidence of former fuel oil storage was observed during the site reconnaissance performed within the proposed project right of way. If a fuel oil storage tank is encountered during construction activities, ATC recommends the proper disposal of the tank and a soil and groundwater investigation following the tank removal.

5.2.2 Fire Insurance Maps

A search for fire insurance maps for the project was conducted by HIG. No such maps for the project were available.

5.2.3 Historical USGS Topographic Quadrangle Maps

ATC reviewed available topographic maps of the project as available on the USGS Topographic Map Downloader website. A summary of the topographic map review is provided below. Copies of the historical topographic maps are available for download on the USGS Store website: <http://store.usgs.gov/>.

Quadrangle Name	Date(s)	Findings
Maywood	1948 1967 1998	The 1948 map depicted the northern portion of the project (County Line Road and north) as predominantly undeveloped land with some residential buildings. SR 37 does not appear in its current alignment until the 1967 topographic map. The 1967 topographic map depicts the northern portion of the project as generally undeveloped with some light industrial, commercial, and residential properties. I-465 appears on the 1967 map. The 1998 topographic map depicts the northern portion of the project as densely developed (indicated by red tint). The area south of Banta Road to County Line Road consists of undeveloped and residential land.
Bargersville	1962 (photo revised 1980) 1992	The topographic maps depicted the project south of County Line Road to SR 144 as primarily undeveloped and residential land.
Mooresville East	1955 1965 (photo revised 1986)	The topographic maps depicted the project from SR 144 south to New Harmony Road as residential and undeveloped land. SR 37 did not appear in its current alignment in this area until the 1980 revision.
Cope	1955 1965	The topographic maps depicted the project from New Harmony Road south to Egbert Road as generally undeveloped land. SR 37 appeared similar to its current alignment. The fish hatchery (Site 29) appeared on both topographic maps.
Martinsville	1955 1965 (photo revised 1980)	The project from Egbert Road to the southern terminus appeared as undeveloped and agricultural land. SR 37 did not appear in its current alignment through Martinsville until the 1980 revision. Additional residential and some new commercial development appeared in Martinsville on the 1980 revision.

5.2.4 City Directories

A City Directory Abstract for the areas of environmental concern identified in this ESA was provided by HIG in order to evaluate information indicating past occupants/uses of the identified properties within the project. Directories were reviewed at approximately five-year intervals from the beginning date of coverage through 2010. The earliest coverage dates ranged from 1945 to 2005 and coverage was not available for the entire project corridor. Available city directories for the project corridor were reviewed; however, only potential properties of environmental concern identified and areas with coverage are listed in the summary table provided as **Table 3** (included as an attachment to this report). Copies of the city directories are provided in **Appendix H** of this report.

5.2.5 Zoning/Land Use Records

Land use in the corridor ranged from light industrial and commercial land in Marion County, trending towards agricultural, residential and commercial in Johnson and northern Morgan County to commercial and high-density residential in the southern terminus of the project, in Martinsville.

5.2.6 Prior Reports

Prior reports were not provided as part of this assessment; however, documents available on the IDEM VFC were reviewed for the properties with identified recognized environmental conditions (RECs). **Table 1** (included as an attachment to this report) summarizes regulatory documents reviewed on the VFC.

5.2.7 Other Historical Sources

No other historical sources were reviewed as part of this assessment.

6 SITE RECONNAISSANCE

The reconnaissance of the project was conducted by ATC on April 25, May 4, and June 3, 2016. Weather conditions at the time of the reconnaissance ranged from mostly cloudy with intermittent light rain to mostly sunny and approximately 60 to 80 degrees Fahrenheit. The following is a summary of visual and/or physical observations of the project on the days of the site visits. Photographs of the potential properties of environmental concern are provided in **Appendix D** of this report.

6.1 Methodology and Limiting Conditions

The site reconnaissance consisted of visual and/or physical observations of: the corridor and improvements as viewed from the current rights-of-way of SR 37, Thompson Road, I-465, SR 144, and other relevant roads. ATC did not access individual parcels or building interiors during the site reconnaissance.

6.2 General Project Setting

The corridor is located in an area characterized by mixed light industrial, residential, and undeveloped land use. The northern portion of the project is densely developed as industrial and commercial land. Multiple truck stops, gasoline stations, truck service and wash facilities, and automotive repair facilities were noted in the corridor section from West Edgewood Avenue north to the project terminus at Terminal Road. Stone quarries were noted northwest and southwest of I-465 and SR 37. The land use south of West Edgewood Avenue to West Smith Valley Road consists of a mixture of commercial, residential, and agricultural land. Multiple gasoline stations and one drycleaner were noted east of the SR 37 right of way. The land use trends toward predominantly agricultural land between Smith Valley Road and SR 252 with interspersed areas of commercial and residential use. Dense commercial and residential development begins in Martinsville at SR 252 and continues south to the terminus of the project at Old SR 37, south of Martinsville.

6.3 Corridor Observations

6.3.1 Hazardous Substance/Petroleum Product Use, Storage, and Disposal

Multiple properties using, storing, or disposing of hazardous and/or petroleum products were observed within and near the corridor. Properties with a potential to adversely affect the corridor are discussed in pertinent sections of this report and summarized in attachments to this report, in **Table 1** through **Table 3**. No properties with obvious signs of release to the environment were noted except for the Circle City Tank Wash, Site 16, located at 1930 Banta Road. During the May 4th site reconnaissance, ATC staff observed this facility washing the concrete floor of the truck wash as runoff flowed to the gravel lot. A sheen was observed on the discharge water and a chemical odor was noted in the area during the site reconnaissance.

6.3.2 Underground Storage Tanks (USTs)

ATC observed multiple properties with USTs. A detailed description of the UST properties is provided in **Table 1** (included as an attachment to this report). Specifically, six

properties with reported USTs with existing releases to the environment or high potential for releases to the environment (i.e. high risk potential for environmental conditions) were identified within the corridor. Additionally, eight low risk potential and 17 moderate risk UST properties were identified within the corridor. If these low or moderate UST properties are acquired for the proposed I-69 Section 6 project, further investigation is recommended. If USTs are encountered during construction activities, ATC recommends the proper disposal of the tank(s) followed by a subsurface investigation of soil and groundwater.

6.3.3 Aboveground Storage Tanks (ASTs)

ATC field staff noted multiple ASTs during the site reconnaissance of the corridor. No ASTs were noted to be actively leaking; however, most properties were observed from the existing SR 37 or local road right of way and not accessed in a manner to determine if an active release was occurring. The ASTs noted during the site reconnaissance are not considered to be an environmental concern to the project unless active leaking is observed during construction activities. If a release is discovered, ATC recommends proper removal / disposal of the AST followed by a subsurface investigation of soil and groundwater.

6.3.4 Polychlorinated Biphenyls (PCBs)

Multiple pole-mounted and pad-mounted electrical transformers were observed throughout the project. The transformers are not considered to be an environmental concern to the project unless active leaking is observed during construction activities. If any leaks from the transformers are noticed, it should be reported to the responsible utility company (Indianapolis Power and Light, South Central Indiana REMC, and Johnson County REMC) at that time.

6.3.5 Unidentified Substance Containers

Potential unidentified substance containers were observed on multiple properties located within the corridor. Generally, the potential unidentified substance containers were observed from the existing SR 37 or local road right of way through open overhead doors and appeared to be in good condition, stored within buildings, or on concrete with no signs of release. Many of these containers may have been labeled properly; however, observations were limited by distance of observation or the placement of the labels. If unidentified substance containers are discovered during construction activities, proper testing of the contents and proper disposal methods should be followed.

6.3.6 Solid Waste

Solid waste, generally municipal waste, were observed at the occupied properties within the corridor. Two properties with areas of potentially illegal dumping were noted in the northern portion of the corridor. Specifically, Site 1, WR Beach / Affordable Auto and Towing, located at 4402 Bluff Road was observed to have unknown fill material and stored items on the western portion of the property (just north of I-465). Site 17, Thompson Road Dump, located at 2635 W. Thompson Road reportedly conducted auto scrapping and dumping operations and is currently under IDEM investigation. Due to the extensive vegetative overgrowth and fencing, as observed only from the existing SR 37 or local road right of way, this site appeared to be a vacant commercial building located

near Thompson Road and woods and overgrown vegetation to the south. No other environmental concerns related to solid waste were observed during the site reconnaissance.

6.3.7 Waste Water

The investigation of process wastewater was beyond the scope of this assessment.

6.3.8 Waste Pits, Ponds and Lagoons

ATC observed multiple stone quarry pits along the northern portions of the corridor. Multiple tri-axle dump trucks were observed dumping miscellaneous fill materials in one of the stone quarry pits. See Section 6.3.13 for further discussion.

6.3.9 Sumps and Drains

The identification and inspection of sumps and drains was not included as part of this assessment.

6.3.10 Septic Systems

The majority of the corridor is serviced by city or county sewer systems. The potential exists for residential or commercial septic systems to be present in the corridor. If septic systems are identified or encountered during construction activities, the septic tanks and associated systems should be properly handled and removed.

6.3.11 Stormwater

Surface water for the project generally flows across the road surfaces and ground surface to the municipal ditches and storm drains located in the existing rights of way.

6.3.12 Wells

ATC observed residential and commercial water wells within the corridor, generally in the Johnson and Morgan County areas. Multiple wells were also identified on the Department of Natural Resources (DNR) water well viewer. See Section 5.1.3 for further discussion of the wells located in Johnson County. Additionally, multiple groundwater monitoring wells were noted at many of the gasoline stations identified in **Table 1** (included as an attachment to this report). These properties are discussed further in pertinent sections of this report. If construction activities occur near a water well, the well should be properly abandoned by a licensed water well driller.

Several public water supply wells were identified on the DNR water well viewer. The wells identified in Marion County are owned and operated by Citizens Energy Group and were predominantly located between Southport Road and Banta Road and also west of SR 37. Additionally, several public water supply wells, owned and operated by Indiana American Water, were identified in Johnson County, north of Smith Valley Road. The public supply water wells within Morgan County were predominantly located near the White River in western Martinsville.

6.3.13 Other Observations

During the site reconnaissance, ATC observed tri-axle dump trucks filling the stone quarry / pond located northwest of the intersection of South Belmont Avenue and West Epler Avenue. The material in the trucks was observed to be predominantly concrete, gravel, and soil, and the sources of these materials are unknown.

7 INTERVIEWS

ATC interviewed the following persons regarding *recognized environmental conditions* in connection with the project:

Table 7.1 – Interview Summary				
Role	Name	Title/Company	Years Assoc. With Property	Interview Type
Client Representative	Christine Meador	Senior Project Manager / HNTB	<1	In person
Local Gov't Official	Janeth Gomez	Representative / Marion County Health Department	N/A	Email
Local Gov't Official	John Bonsett	Director of Environmental Health / Johnson County Health Department	N/A	Email
Local Gov't Official	Kevin White	Representative / Morgan County Health Department	N/A	Email Telephone
Local Gov't Official	Ethel Dodds	Representative / Indianapolis Fire Department	N/A	Email
Local Gov't Official	Charles Fraker	Representative / Martinsville Fire Department	N/A	Email
Local Gov't Official	Mike Herrington	Assistant Fire Chief / Washington Township Fire Department	N/A	Email

Pertinent information from the above-mentioned interviews is discussed in applicable sections of this report. Individual parcel owners were not interviewed as part of this assessment.

8 FINDINGS

According to historical data sources (i.e. aerial photographs, city directories, and topographic maps), the corridor was predominantly agricultural and residential land from the date of the earliest historical source (1939 aerial photograph) to the early 1970s. Interstate 465 first appeared on the 1967 Maywood, Indiana topographic map and commercial development began to increase during this time in both Indianapolis and Martinsville. The remaining portions of the corridor were and continue to be primarily agricultural with some residential and commercial land. The quarries and light industrial development began in the early 1980s in the northern portion of the corridor near I-465 and SR 37. By the early 1990s, Martinsville (to the south) and Indianapolis (to the north) generally appeared similar to current site conditions.

This study identified twenty-one properties that present a moderate or high risk for a *recognized environmental condition* and are recommended for further investigation for all alternatives investigated during this study. Additionally, ten properties were identified that present a moderate risk for a *recognized environmental condition* and further investigation is recommended for these properties if the chosen alignment will result in an acquisition of the site. Fourteen low risk properties were identified; however, no further investigation of these properties is recommended.

During the regulatory review and site reconnaissance, ATC identified multiple properties with USTs. A detailed description of the UST properties is provided in **Table 1** (included as an attachment to this report).

Multiple ASTs were noted during the site reconnaissance of the project. No ASTs were noted to be actively leaking; however, most properties were observed from the existing SR 37 or local road right of way and not accessed in a manner to determine if an active release was occurring.

Potential unidentified substance containers were observed on multiple properties located within the proposed corridor. Generally, the potential unidentified substance containers were observed from the existing SR 37 or local road right of way through open overhead doors and were noted to be in good condition, stored within buildings, or stored on concrete with no signs of release. Many of these containers may have been labeled properly; however, observations were limited by distance of observation or the placement of the labels.

Solid wastes, generally municipal waste, were observed at the occupied properties within the project. Two properties with areas of potentially illegal dumping were identified in the northern portion of the corridor. Specifically, Site 1, WR Beach / Affordable Auto and Towing, located at 4402 Bluff Road was observed on aerial photographs to have unknown fill material and stored items on the western portion of the property (just north of I-465). Site 17, Thompson Road Dump, located at 2635 W. Thompson Road was reported to have had a history of auto scrapping and illegal dumping and is currently under investigation by the IDEM. Due to the extensive vegetative overgrowth and fencing, this site was observed only from the existing local road right of way and noted to be residential land with one potential commercial building near Thompson Road and woods and overgrown vegetation to the south.

During the site reconnaissance, the stone quarry / pond located northwest of the intersection of South Belmont Avenue and West Epler Avenue (Site 19) was actively being filled by tri-axle dump trucks. The material in the trucks was observed to be predominantly concrete, gravel, and soil.

The majority of the corridor is serviced by city or county sewer systems. However, unknown or previously used residential or commercial septic systems may be present in the corridor. According to the Johnson and Morgan County Health Department, Properties 23, 24, 25, 27, 30, and 34 have septic systems on-site.

ATC observed residential water wells within the corridor, generally in the Johnson and Morgan County areas.

9 EVALUATION

Twenty-one properties with USTs and known or high potential for groundwater and/or soil contamination (i.e. moderate to high risk potential for environmental conditions) were identified within the corridor. ATC considers these moderate to high risk properties as RECs and recommends further investigation for all properties regardless of the chosen alternative (see **Section 10, Table 10.1**).

Fourteen low risk potential and ten moderate risk potential UST properties were identified within the corridor. As stated in **Section 10, Table 10.1** below, if these moderate risk properties are acquired for the proposed I-69 Section 6 project, ATC recommends further investigation at each of these properties. If previously unidentified USTs are encountered during construction activities, ATC recommends the proper disposal of the tank(s) followed by a subsurface investigation of soil and groundwater.

The ASTs noted during the site reconnaissance are not considered an environmental concern to the project unless active leaking or evidence of a release (i.e. staining, odors, etc.) is observed during construction activities. If a release is discovered, the ASTs should be properly removed / disposed of and soil and groundwater testing of the area should be conducted.

Potential unidentified substance containers were observed on multiple properties located within the proposed corridor. If unidentified substance containers are discovered during construction activities, proper testing of the contents and proper disposal methods should be followed.

The potential exists for residential or commercial septic systems to be present in the project. Additionally, septic systems are currently utilized at several properties of environmental concern. If septic systems are identified or encountered during construction activities, the septic tanks and associated systems should be properly handled and removed.

ATC observed residential water wells within the project, generally in the Johnson and Morgan County areas. If construction activities occur near a water well, the well should be properly abandoned by a licensed water well driller.

9.1 Data Gaps

Data gaps may have been encountered during the performance of this Phase I ESA and are discussed within the section of the report where they were encountered. However, according to ASTM E-1527-13, *data gaps* are only significant if "other information and/or professional experience raise reasonable concerns involving the *data gap*." ATC professionals identified only two data gaps:

- Individual properties were observed from the proposed project existing SR 37 or local road right of way; no building interiors were accessed during the Environmental Site Assessment and
- Individual property owners were not interviewed as part of the Environmental Site Assessment.

10 CONCLUSIONS

ATC has performed this Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 2.0 of this report.

Twenty-one properties with USTs and known or high potential for groundwater and/or soil contamination (i.e. moderate to high risk potential for environmental conditions) were identified within the corridor. ATC considers these moderate to high risk properties as RECs and recommends further investigation for all properties regardless of the chosen alternative. Fourteen low risk potential and ten moderate risk potential UST properties were identified within the corridor. If the moderate risk properties are acquired for the proposed I-69 Section 6 project, ATC recommends further investigation at each of these properties. Three properties were removed after initial report review by the project team. Specifically, Properties 26, 37, and 45 do not pose a potential environmental concern and were therefore not included in **Table 10.1**. A summary of the moderate and high risk properties is provided in **Table 10.1**.

Table 10.1 - Summary of Conclusions					
Site Number	Site Name	Site Address	Data Source ¹	Risk Ranking ² L/M/H	Further Investigation Recommended ³
1	WR Beach / Affordable Auto and Towing	4402 Bluff Rd.	R, D, H	M	Yes*
2	Hanson Aggregates / Milestone / E&B Paving	4350 Harding St.	D	M	Yes*
3	Swift Auto Service / Motsinger Auto	4300 S. Meridian St.	D	M	Yes*
4	Stoops / Overland Express	1631 and 1851 W. Thompson Rd.	D	M	Yes*
5	Marathon Bulk 2734	1541 W. Thompson Rd.	R, D, H	H	Yes
6	Flying J Travel Plaza / Boss Shop	1720 W. Thompson Rd.	R, D, H	H	Yes
7	Bud's Service	4640 Harding St.	D	M	Yes*
8	Pilot Travel Center	4607 Harding St.	R, D, H	M	Yes*
9	Dollar Inn / Berns Transportation	4585 Harding St.	D	M	Yes*
10	Blue Beacon / Former Amoco / Concrete Industries	4504 / 4550 Harding St.	D	L	No
11	Ted's Aqua Marine / Lane Restoration	4600 S. Bluff Rd.	D	L	No
12	Truck Movers / Vehicare	4610 S. Bluff Rd.	D	L	No
13	Paul's Trailer Service	1245 Harding Ct.	D	L	No
14	Venture Logistics / Oliver Trucking / Penske Truck Leasing	1101 Harding Ct.	R, D, H	M	Yes*
15	Linde / BOC Gases	1045 Harding Ct.	R, D	M	Yes*

Table 10.1 - Summary of Conclusions					
Site Number	Site Name	Site Address	Data Source¹	Risk Ranking² L/M/H	Further Investigation Recommended³
16	Circle City Tank Wash / Smith Tank Cleaning	1930 Banta Rd.	R, D	M	Yes*
17	Thompson Road Dump	2635 W. Thompson Rd.	D, H	M	Yes*
18	RH Marlin	2202 W. Thompson Rd.	D, H	M	Yes*
19	Kopetsky's / Martin Marietta / IMI / Tri-Ax Inc.	5320 S. Belmont Ave.	R, D, H	H	Yes
20	L and E Engineering	6450 S. Belmont Ave.	D	H	Yes
21	Ricker's 876 / Amoco	2025 W. Southport Rd.	R, D, H	M	Yes*
22	Tuchman Cleaners / Marathon	378 Western Ave. Suites A and B	R, D, H	H	Yes
23	Speedway	6100 W. Smith Valley Road	R, D, H	H	Yes
24	Amoco	9614 SR 144	R, D, H	M	Yes*
25	Johnson Oil Bigfoot / Shell / Circle K	9400 SR 144	R, D, H	M	Yes*
27	Marathon Gas	3400 Old SR 37		M	Yes*
28	Tim Wilson Chevrolet-Buick	7005 SR 37 North	D	L	No
29	Grassyfork Fisheries Co., Inc.	2902 East Morgan Street	D	L	No
30	Washington Township Fire Department	1890 SR 44	D	L	No
31	Indiana University Health Morgan Hospital	2209 John R. Wooden Drive	D	M	Yes*
32	Bigfoot 16	1229 North Bluff Road	R, D, H	M	Yes*
33	Village Pantry #404	109 Janay Drive	R, D, H	M	Yes*

Table 10.1 - Summary of Conclusions					
Site Number	Site Name	Site Address	Data Source ¹	Risk Ranking ² L/M/H	Further Investigation Recommended ³
34	Towne View Auto Clinic	1465 SR 252	D	L	No
35	Martinsville Citgo	229 Grand Valley Boulevard	R, D, H	M	Yes*
36	Murphy USA	629 Birk Road	R, D, H	M	Yes*
38	Turkey Hill #600	1860 South Ohio Street	R, D, H	M	Yes*
39	Garry's Marathon Inc.	2180 Burton Lane	R, D, H	M	Yes*
40	Martinsville Plaza Laundry	2028 Burton Lane	D	L	No
41	KMART #3790	2020 Burton Lane	D	M	Yes*
42	N/A	1390 Morton Avenue	D	L	No
43	Pearson Brothers NAPA Auto Services	300 & 304 Rogers Road	D	L	No
44	Laundry Basket and Tanning Center	459 Commercial Boulevard	D	L	No
46	Tim Wilson Chevrolet-Buick	555 Commercial Boulevard	D, H	L	No
47	Weliever Olds-Pontiac-GMC Inc.	655 West Southview Drive	R, D, H	L	No
48	Circle K #54	320 Southview Drive	R, D, H	H	Yes

1 – Indicates primary/significant information source(s) for listing: R = Reconnaissance, D = Database, H = Historical Source (aerials, topographic maps, city directories)

2 – Environmental risk ranking: L = Low Risk, M = Moderate Risk, H = High Risk

3 – An asterisk (*) denotes properties that are recommended for further investigation if the parcel is to be acquired or lies within the construction limits of the proposed project.

Note: Site numbers 26, 37, and 45 were removed from the table due to lack of environmental concerns.

11 DEVIATIONS

Deletions to or deviations from ASTM Practice E 1527-13 were not imposed by the client, nor were such deletions or deviations implemented during the course of study except for the site reconnaissance. The project was generally observed from the existing SR 37 or local road right of way and public areas. A full inspection of the potential properties of environmental concern identified in this study is recommended to fully assess the potential for *recognized environmental conditions*.

12 REFERENCES

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Indiana Department of Environmental Management Virtual File Cabinet website: <http://vfc.idem.in.gov/facility-search.aspx>

Indiana Geological Survey Indiana Map: <http://www.indianamap.org/>.

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USDA, National Resources Conservation Service, Web Soil Survey, <http://websoilsurvey.nrcs.usda.gov>.

USGS Store Map Locator and Downloader website: <http://store.usgs.gov>.

13 SIGNATURE OF ENVIRONMENTAL PROFESSIONAL(S)

Environmental Professional Statement:

I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in § 312.10 part of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all appropriate inquiry in conformance with the standards and practices set forth in 40 CFR Part 312.

Julie Crewe, L.P.G. – Project Geologist
Site Assessor – Environmental Professional

Christopher J. Bishop, L.P.G. – Senior Project Geologist
Senior Reviewer – Environmental Professional

14 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONAL(S)

Resumes for key personnel are included in **Appendix J** of this report.

ATTACHMENTS

TABLE 1 REGULATORY REVIEW SUMMARY

TABLE 1
Summary of Regulatory Review for Potential Sites of Environmental Concern
Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Project in ROW (Y/N)	Risk Potential for Environmental Condition (L/M/H) ¹	Regulatory Listings	Regulatory Summary ²
1	WR Beach / Affordable Auto and Towing	4402 Bluff Rd.	Y	M	EDR Historical Auto Station	The IDEM reported that the Health Department is pursuing enforcement for the cleanup of solid waste materials such as leaking vehicles, contaminated fill, and waste tires. This site is also listed on the EDR report as a historical auto station. The site was noted as having one vacant commercial building on the eastern portion and construction debris and fill dirt piles were noted to the west of the building.
2	Hanson Aggregates / Milestone / E&B Paving	4350 Harding St.	Y (Partial)	M	RCRA TSDF, CORRACTS, RCRA Non Generator (NonGen), Manifest, Airs	Property is listed as an active mine (quarry), as a RCRA Transport, Storage, or Disposal Facility (TSD), a Corrective Action (CORRACTS) facility (ID INR000022756) and as formerly having permanently closed Underground Storage Tanks (USTs). No releases of contaminants of concern at concentrations above commercial/industrial screening levels were reported. The site is currently operating as a limestone quarry.
3	Swift Auto Service / Motsinger Auto	4300 S. Meridian St.	Y	M	EDR Historical Auto Station	Property is listed as a historical auto station on the EDR report. The site was noted to be in operation as an auto repair facility during the site reconnaissance.
4	Stoops / Overland Express	1631 and 1851 W. Thompson Rd.	Y	M	LUST, UST, AUL, Manifest, RCRA NonGen, RCRA SQG, Spills, Industrial Waste, Finds, Echo	Facility is listed as a RCRA Small Quantity Generator (SQG), Leaking UST (LUST), UST, and as having an Activity and Use Limitation (AUL). According to the IDEM VFC, the site has a No Further Action (NFA) status conditional upon an environmental restrictive covenant that restricts groundwater use, residential use, and requires a pavement cap over affected area. The affected area is located at 1631 Thompson near the southwest corner of the intersection of the two buildings. The site currently has two USTs and six USTs have been permanently closed. The UST system passed the most recent UST inspection (June 9, 2015). The site was operating as a trucking sales and maintenance center during the site reconnaissance.
5	Marathon Bulk 2734	1541 W. Thompson Rd.	Y	H	LUST, UST, Spills, EDR Historical Auto Station, Finds, Echo	This facility is listed as an active, medium priority LUST site with two in use USTs and four permanently out of service USTs. The most recent quarterly monitoring report available on the IDEM VFC dated April 15, 2016, indicates that Volatile Organic Compounds (VOCs) were detected in the soil above the IDEM Remediation Closure Guide (RCG) commercial/industrial and excavation worker direct contact levels. VOCs were also detected in the groundwater above the IDEM RCG residential screening levels. The impacted areas are primarily on the north central and western portions of the site. Groundwater is reported to flow to the northwest at the site. The site was in operation during the site reconnaissance.

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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Risk Potential for Environmental Condition (L/M/H) ¹	Regulatory Listings	Regulatory Summary ²
6	Flying J Travel Plaza / Boss Shop	1720 W. Thompson Rd.	Y	H	LUST, UST, Echo, Tier 2, Hazardous Materials Information Reporting System (HMIRS), Emergency Response Notification System (ERNS), Spills, Finds	This facility is listed as having two low priority LUST incidents, both have since achieved a NFA status. An additional incident is listed as an active spill from 2010. The facility is reported to have seven currently in use USTs; however, during the site reconnaissance, the facility store / restaurant was noted to have been damaged by fire and the facility was not in operation. According to files reviewed on the IDEM VFC, current groundwater monitoring continues near the diesel truck fuel island southwest of the store. Free product has been noted in the groundwater during sampling events. A truck service center was also noted during the site reconnaissance. No USTs were noted; however, a service pit and drums containing motor oil were observed. No listings regarding this portion of the property was identified on the regulatory report.
7	Bud's Service / Mr. Fuel	4640 Harding St.	Y	M	UST, Spills	This facility is listed as having six permanently out of service USTs. One spill of truck wash water was reported in 1993; however, no further information regarding this spill was available for review. The site was noted to be a Mr. Fuel gasoline station with five automobile dispensers and at least 7 truck dispensers. Two UST cavities were noted during the site reconnaissance. One contained a kerosene UST and the remaining UST cavity contained at least 10 gasoline and diesel USTs. The Mr. Fuel facility is listed as an active LUST spill facility and as having a high priority LUST incident in 1999 with a conditional NFA status. The closure of 10 USTs was reported in the same year of the LUST incident, 1999. According to the most recent groundwater sampling event (March 2016), groundwater flow at the property is to the northwest and samples collected exhibited concentrations of polynuclear aromatic hydrocarbons above the IDEM RCG residential screening levels.
8	Pilot Travel Center	4607 Harding St.	Y	M	LUST, UST, Spills, RCRA CESQG, Finds, Echo, Tier 2, Manifest	The EDR Report lists this facility as a RCRA Conditionally Exempt Small Quantity Generator (CESQG) of hazardous wastes and as having three active, high priority LUST incidents reported in 2003, 2009, and 2011. The regulatory report lists this facility with eight active USTs. According to files reviewed on the IDEM VFC, a NFA request was sent to the IDEM with an ERC restricting groundwater use in late 2015. No NFA determination was available on the IDEM VFC; however, according to the most recent groundwater sampling event performed at the facility (October 2014), no COCs were detected above the IDEM RCG screening levels. The truck stop portion of the site was not active during the site reconnaissance due to a recent fire that consumed the on-site convenience store and restaurant. The truck service and tire center on the western portion of the property was actively operating.

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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Risk Potential for Environmental Condition (L/M/H)1	Regulatory Listings	Regulatory Summary2
9	Dollar Inn / Berns Transportation	4585 Harding St.	Y	M	UST, Spills, RCRA NonGen, Finds, Echo	The EDR report lists this facility as having five permanently out of service USTs, reportedly closed in 1995. According to files reviewed on the IDEM VFC, a request for closure was submitted to the IDEM in October 1995 in which the IDEM stated that closure activities may begin on October 22, 1995 (the closure date listed on the EDR report). No additional closure documentation or confirmatory sample information was available for review. The fate of the former USTs is unknown. The site was in operation as America's Best motel at the time of the site reconnaissance.
10	Blue Beacon / Former Amoco / Concrete Industries	4504 / 4550 Harding St.	Y	L	LUST, UST, Airs, Tier 2, Finds, Echo	This facility is listed as having a medium priority LUST incident with an unconditional NFA status. The site is not reported to currently utilize nor have USTs at the facility. The site was noted to be in operation as a truck wash during the site reconnaissance. No other pertinent information relating to releases or contamination was available for review.
11	Ted's Aqua Marine / Lane Restoration	4600 S. Bluff Rd.	Y	L	LUST, UST, RCRA NonGen	This facility is listed as having a low priority LUST incident in 1998 that has since achieved an unconditional NFA status. One permanently out of service UST was reported on the regulatory report. The site was noted to be in operation as a boat sales and service facility. A partial grass and gravel lot was noted on the west portion of the site and contained multiple stored boats and boat parts.
12	Truck Movers / Vehicare	4610 S. Bluff Rd.	Y	L	RCRA CESQG, Finds, Manifest, Echo	This site was observed to be in operation as a truck rental, sales, and service facility. According to the EDR report, the site was a RCRA CESQG during the operations as Vehicare (1997). Only antifreeze from fleet vehicle maintenance was reported to be generated / stored at that time. No other information was available for review. The site was noted to be a fleet vehicle maintenance company.
13	Paul's Trailer Service	1245 Harding Ct.	Y	L	EDR Historical Auto Station	This site is listed on the EDR Historical Auto Station proprietary database. Additionally, the facility was noted to be in service as Paul's Trailer Service and multiple service bays were noted. No reported releases were identified in association with this facility. The site was noted to be a freight trailer service shop during the site reconnaissance.
14	Venture Logistics / Oliver Trucking / Penske Truck Leasing	1101 Harding Ct.	Y	M	RCRA CESQG, HMIRS, Finds, Manifest, Echo, LUST, UST, AUL, Spills, Brownfield, Tier 2, RCRA NonGen	This facility is listed as multiple freight leasing, sales, and service facilities and as having several LUST incidents associated with current and former USTs located at the site. All LUST incidents are reported as NFA; however, the site has an AUL recorded on the property deed that requires a paved or concrete cap, residential and groundwater use restrictions, and an area of lead-stabilized soil that may not be disrupted. According to documents reviewed on the IDEM VFC, this site is listed as Indiana Brownfield Facility ID 4010021. The most recent UST inspection performed in January 2016 did not identify any violations and the facility was reported to be in full compliance. The site was noted to be a freight hub during the site reconnaissance and a dispenser island was noted on the northeast portion of the property.

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15	Linde / BOC Gases	1045 Harding Ct.	Y	M	Tier 2, RCRA NonGen, Finds, Echo, LUST, UST, Spills, Manifest	The EDR lists one currently in use UST at the facility; the UST was observed to be associated with a fuel dispenser island located near the site entrance and Harding Court. A medium priority LUST incident was reported in 1994 and has since achieved a NFA status. Multiple ASTs of various sizes were noted at the property during the site reconnaissance observations from the ROW. Multiple ASTs were labeled as containing liquid nitrogen. Most of the AST labels were not readily observable from the ROW.
16	Circle City Tank Wash / Smith Tank Cleaning	1930 Banta Rd.	Y	M	RCRA CESQG, Manifest, Spills, Finds, Echo	The EDR lists the site as a RCRA CESQG and as having a 200 gallon lube oil spill in March 2006. During the site reconnaissance, the site was noted to actively be cleaning the interior of freight tanker trailers and the wastewater was apparently flowing from the inside of the facility out to the gravel covered ground surface. Staining was observed in the area and a chemical odor was noted at and near the facility.
17	Thompson Road Dump	2635 W. Thompson Rd.	Y	M	Finds, Echo	According to files reviewed on the IDEM VFC, the site has had a history of automobile scrapping with reports of the disposal of automobile fluids at the property. A pre-Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) Screening Report was prepared by the IDEM in January 2009 as a result of complaints to the City of Indianapolis. During the screening, the site was mostly inaccessible due to fencing and adjacent residential properties. No soil or groundwater samples were collected during this investigation; however, based on the site observations and the migration and pathway scores reported, the IDEM recommended that the site be transferred to the solid waste compliance section for oversight and
18	RH Marlin	2202 W. Thompson Rd.	Y	M	LUST, UST, Finds, Echo, Spills	According to the EDR report, this site is listed as having five permanently out of service USTs and one low priority LUST incident affecting soil in 1998. The LUST incident has since achieved a NFA status with the IDEM. During the site reconnaissance, the site was noted to be actively operating as RH Marlin and predominantly used for the storage of heavy equipment. At least two ASTs were noted and some areas of surface staining were noted at the site. No other indications of a release were identified during this investigation. The site was in operation as RH Marlin during the site reconnaissance. RH Marlin operates as a demolition and excavation contractor and offers heavy equipment rental.

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Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Project in ROW (Y/N)	Risk Potential for Environmental Condition (L/M/H) ¹	Regulatory Listings	Regulatory Summary ²
19	Kopetsky's / Martin Marietta / IMI / Tri-Ax Inc.	5320 S. Belmont Ave.	Y	H	LUST, UST, Manifest, Spills, Finds, Echo, ERNS, Tier 2, RCRA NonGen	According to the EDR report, the property is listed as having an active, low priority LUST incident reported in 2000. One permanently out of service UST was also reported. According to files reviewed on the IDEM VFC, a Total Petroleum Hydrocarbon (TPH) contamination plume exist in the soil at the site near the maintenance building. Multiple spills were reported at this facility; however, no further investigation of these spills was reported. During the site reconnaissance, ATC observed multiple tri-axle dump trucks unloading soils, gravel, concrete and other debris into the on-site quarry pit lake. No information regarding the dumping of unknown materials was available for review. The site was noted to be in operation as Kopetsky's trucking during the site reconnaissance.
20	L and E Engineering	6450 S. Belmont Ave.	N	H	VCP, RCRA NonGen, Manifest, ERNS, Finds, Spills, ECHO	According to the EDR report, the site is listed as an active Voluntary Cleanup Program (VCP) site (ID 6980301). Files reviewed on the IDEM VFC indicated that a Trichloroethene (TCE) plume exists in the groundwater from the site and to the residential neighborhood to the west. Groundwater samples indicated that TCE is present above the IDEM RCG industrial screening levels. A soil vapor extraction remediation is currently in use at the site and off site. The site was noted to be operating as Midwest Food Bank at the time of the site reconnaissance.
21	Ricker's 876 / Amoco	2025 W. Southport Rd.	Y	M	LUST, UST, RCRA NonGen, Industrial Waste, Finds, Manifest, Echo, National Pollutant Discharge Elimination System (NPDES), EDR Historical Auto Station	This facility is listed on the EDR report as having a medium priority LUST incident reported in 1991. The LUST incident has since achieved a NFA status. Currently, four USTs are listed as active for this facility (one is unregulated) and four USTs are listed as permanently out of service. According to the files reviewed on the IDEM VFC, the most recent UST system inspection was performed in September 2015. The facility was not in compliance due to lack of operator training certificates on file and the lack of release detection records for the UST system. No further information was available on the IDEM VFC regarding this facilities UST system compliance status. The site was noted to be in operation during the site reconnaissance.

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22	Tuchman Cleaners / Marathon	378 Western Ave. Suites A and B	Y	H	EDR Historical Cleaner, Drycleaner, State Cleanup Program (SCP), Spills, LUST, UST, Finds, Echo, Manifest, RCRA NonGen	The site is a Tuchman Cleaners and Marathon gas station in one building. The gasoline station is not currently active; however, the UST system still remains on the property. The site is listed as having a high priority LUST incident that has since achieved an unconditional NFA status. The site is also listed as an active drycleaner and subsurface investigations performed at the property have revealed concentrations of chlorinated solvents above the IDEM RCG residential screening levels in the soil and groundwater. According to documents reviewed on the VFC, the IDEM has repeatedly requested that the owner of the drycleaner property complete a full delineation of the contaminants at the property and develop a conceptual site model. No such investigations are reported to have occurred. This site is also located within 800 feet of a municipal groundwater well and is within the one-year capture zone of the well field. The files reviewed on the IDEM VFC indicate that the drycleaner no longer generates or uses hazardous materials; however, the site was noted to be operational during the site reconnaissance. The gasoline station was not occupied or active during the site reconnaissance.
23	Speedway	6100 W. Smith Valley Road	Y	H	EDR Historical Auto Station, LUST, UST, RCRA NonGen, Spills, Finds, Manifest, Echo, Tier 2	The property is listed in the UST database under facility ID 6664 with four permanently out of service USTs (3 gasoline, 1 diesel) and seven USTs currently in service (5 gasoline, 1 diesel, 1 kerosene). The site is listed with three LUST incident, two of which are listed as NFA / unconditional closure. The third LUST incident is listed as an active incident with a high priority. According to documents reviewed on the VFC, the site has impacted soil and groundwater with an active remediation system and quarterly reporting. The site was noted to be an active gasoline station during the site reconnaissance.
24	Amoco	9614 SR 144	Y	M	Historical Auto Station, LUST, UST, Finds, Echo	The property is listed in the Historical Auto Stations database from approximately 2004 through 2010. The property is also listed in the UST database (facility ID 14644) with five permanently out of service USTs (4 gasoline, 1 diesel) and three active USTs (2 gasoline, and 1 diesel). The facility is listed in the LUST database with one incident identified as a medium priority with NFA / unconditional closure. The site was noted to be operating as a retail petroleum station during the site reconnaissance.
25	Johnson Oil Bigfoot / Shell / Circle K	9400 SR 144	Y	M	LUST, UST, Finds, Echo	The property was listed in the Recovered Government Archive LUST database from approximately 2000 through 2007. According to documents reviewed on the VFC, the property operates five UST (3 gasoline, 1 diesel and 1 kerosene). The property received a violation letter from IDEM dated November 30, 2015 concerning documentation of tank testing results. The VFC also contained a NFA letter dated January 3, 2006 for a LUST incident. The site was noted to be operating as a retail petroleum station during the site reconnaissance.

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27	Marathon Gas	3400 Old SR 37	Y	M	None (IDEM VFC Only)	The property was listed in the UST database with two permanently out of service USTs (1 gasoline and 1 diesel). No other pertinent information relating to releases or contamination was available for review. The site was noted to be operating as a retail petroleum station during the site reconnaissance.
28	Tim Wilson Chevrolet-Buick	7005 SR 37 North	Y	L	UST, Finds, Echo	The property is listed in the UST database under Facility ID 22088 for four permanently out of service gasoline USTs. The USTs were all closed in June of 1996. ATC reviewed available files on the IDEM VFC. According to a UST Closure Report dated October of 1996, no contamination was encountered in the natural soils or in the tank pit soils. The site was noted to be a golf cart dealership at the time of the site reconnaissance.
29	Grassyfork Fisheries Co., Inc.	2902 East Morgan Street	Partial	L	UST	The property is listed in the UST database under Facility ID 10332 for one permanently out of service gasoline tank. The UST was closed in December of 1995. ATC reviewed available files on the IDEM VFC. According to a UST Closure Report dated March of 1996, no contamination was identified in the closure samples collected from the sidewalls and base of the excavation. The site was noted to be on the opposite side of State Road 37 than the EDR radius map indicated.
30	Washington Township Fire Department	1890 SR 44	Partial	L	UST, Finds, Echo	The property is listed in the UST database under Facility ID 13611 for two permanently out of service USTs (550 gallon gasoline and 550 gallon diesel). The USTs were closed in May of 1998. ATC reviewed available files on the IDEM VFC. UST Closure Reports were delivered to IDEM and no contamination was identified in soil samples collected from the site. The site was noted to be an active fire station during the site reconnaissance.
31	Indiana University Health Morgan Hospital	2209 John R. Wooden Drive	Partial	M	RCRA SQG, Finds, Echo, Manifest, Airs	As of January of 2015, the property is listed in the RCRA database as a Small Quantity Generator of hazardous waste. The property has received several violations but appears to be in compliance with all inspections. The property is listed in the AIRS database with a permit issued in January of 2000. No other information was provided. ATC attempted to review available files on the IDEM VFC. ATC reviewed a UST Inspection Compliance Summary dated November 25, 2013. According to the document, a 16,000 gallon diesel fuel tank installed in 1995 is present on the property. The UST is currently in use. The facility appears to be in compliance with all state regulations for USTs. The site was operating as a hospital during the site reconnaissance.

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32	Bigfoot 16	1229 North Bluff Road	Y	M	LUST, UST, Spills, RGA LUST, Finds, Echo	The property is listed in the UST and LUST databases as Facility ID 14622 with incident number 199601547. This site is reported to have a medium priority LUST incident in 1996 that affected soil and groundwater. The incident achieved a NFA status by the IDEM in a letter dated September 7, 2011. According to the EDR report, four USTs (installed in 1998) are currently in use at the property. The most recent UST system inspection conducted by the IDEM (2014) noted numerous violations regarding lack of release detection monitoring, financial responsibility records, failure to notify, and no documentation of certified operating training. No additional information was available regarding the violations during the most recent inspection. The property was noted as an active Shell retail petroleum station during the site reconnaissance.
33	Village Pantry #404	109 Janay Drive	Y	M	UST, Finds, Echo	The property is listed in the UST database under Facility ID 24371. The property is currently listed as having two 12,000-gallon gasoline USTs, one 8,000-gallon diesel UST and one 2,000-gallon kerosene UST. All four USTs were installed in April of 2000. According to an UST inspection report available on the IDEM VFC, dated February 2, 2014, the USTs and system were in compliance. The site was noted to be operating as a retail petroleum station during the site reconnaissance.
34	Towne View Auto Clinic	1465 State Road 252	Y	L	EDR Historical Auto Station	The property is listed in the EDR Historical Auto Stations database for the years 2003 through 2012. No other information was provided. The site was noted to be operating as a automobile service station during the site reconnaissance. Above ground hydraulic lifts and motor oil drums were observed in the building (through the open overhead doors) and a waste oil tote was noted behind the building. No staining or odors were noted at the site.
35	Martinsville Citgo	229 Grand Valley Boulevard	Y	M	EDR Historical Auto Station, UST, Finds, Echo	The property is listed in the UST database under Facility ID 24849. The property currently has two active 8,000-gallon gasoline USTs and one active 6,000-gallon diesel UST. The USTs were installed in July of 2001. The property was also listed in the EDR Historical Auto Stations in 2004. The site was noted to be an active retail petroleum station during the site reconnaissance.
36	Murphy USA	629 Birk Road	N	M	UST, Spills, Finds, Echo	The site is listed in the SPILLS database for an incident that occurred in January of 2005. Twenty gallons of gasoline were reportedly spilled by a commercial source. No other information was provided. The property also is listed in the UST database for three active USTs. One 20,000-gallon gasoline, one 12,000-gallon diesel, and one 8,000-gallon gasoline USTs are reportedly on site and were all installed in May of 2004. The site was operating as a retail petroleum station at the time of the site reconnaissance.

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38	Turkey Hill #600	1860 South Ohio Street	Y	M	Historical Auto Station, LUST, UST, Spills, Finds, Echo	The property is listed in the SPILLS database for an incident that occurred in July of 2013. No other information was provided. The property is listed in the LUST database under Facility ID 25055; however, the facility has achieved a NFA – Unconditional Closure status. The UST database lists the property with three active USTs. There is one 15,000-gallon gasoline UST, one 8,000-gallon gasoline UST, and one 8,000-gallon diesel UST. According to the IDEM VFC, the facility was compliant with all UST inspection guidelines in December 2015. No other information was available regarding the USTs or spills incident. The site is also listed in the EDR Historical Auto Stations database in 2001 and 2002. During the site reconnaissance, the site was operating as a retail petroleum station.
39	Garry's Marathon Inc.	2180 Burton Lane	Y	M	Historical Auto Station, LUST, UST, RCRA CESQG, Finds, Manifest, Echo	The property is listed in the EDR Historical Auto Stations Database for the years 1999 through 2003. The property is listed in the RGA LUST database from 2000 to 2012. The property is also listed in the LUST database under Facility ID 5462; however, the facility has achieved a NFA - Unconditional Closure status. The UST database lists the property with four permanently out of service gasoline and used oil USTs and three active 10,000-gallon gasoline USTs and one active 1,000-gallon used oil UST. The property was formerly a Conditionally Exempt Small Quantity Generator of hazardous waste as of 1991. The facility disposed of waste oil, but is no longer an active handler of hazardous waste. According to an UST Inspection Report, dated June 2015, the facility was not in compliance. The report stated that the owner must have waste oil tank tightness tested by a certified contractor and monthly leak detections must be done on the waste oil tank. The owner has also not completed a current UST Notification Form. The site was noted to be operating as a retail petroleum station during the site reconnaissance.
40	Martinsville Plaza Laundry	2028 Burton Lane	N	L	Historical Cleaner	The property is listed in the EDR Historical Cleaners database for the years 2010 and 2011. No other information was provided. The site was noted to be operating as a laundromat during the site reconnaissance.
41	KMART #3790	2020 Burton Lane	N	M	UST, RCRA NonGen, Finds, Echo	The property is listed in the UST database under Facility ID 5063. According to the database, there is one 1,000-gallon used oil UST that is permanently out of service. No other information was provided. ATC attempted to review available files on the IDEM VFC for additional documents about the UST closure. A UST Notification Form was completed showing that the UST was removed; however, no other closure documentation was provided. The site was noted to be a retail commercial flea market store.
42	N/A	1390 Morton Avenue	Partial	L	Spills, Finds, Echo, Airs	The property is listed in the SPILLS database for an incident that occurred in August of 1997. Approximately 100 gallons of fuel oil was spilled at the Martinsville Sand and Gravel Quarry. No other information was provided.

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43	Pearson Brothers NAPA Auto Services	300 & 304 Rogers Road	Y	L	Historical Auto Station	The facility is listed in the EDR Historical Auto Stations for the years 2005, 2008, 2011, and 2012. No other information was provided. The site was noted to be operating as an automobile parts store during the site reconnaissance.
44	Laundry Basket and Tanning Center	459 Commercial Boulevard	Y	L	Historical Cleaner	The facility is listed in the EDR Historical Cleaners database for the years 1999 and 2000. No reported releases were identified during the regulatory review. The site was noted to be operating as Mud Motorsports during the site reconnaissance.
46	Tim Wilson Chevrolet-Buick	555 Commercial Boulevard	Y	L	RCRA NonGen, LUST, UST, Spills, Finds, Manifest, Echo	The facility is listed in the SPILLS database for an incident that occurred in March of 2008. An unreported amount of gasoline leaked from UST and affected soil. The facility is also listed in the LUST database under Facility ID 12735; however, the site has achieved an NFA-Unconditional Closure status. One permanently out of service 500-gallon used oil tank was reported at the site. During the site reconnaissance, the property was noted to be a vacant used car dealership.
47	Weliever Olds-Pontiac-GMC Inc.	655 West Southview	Partial	L	RCRA CESQG, Industrial Waste, LUST, UST, Finds, Echo, Manifest	The facility is listed in the RGA LUST database from 2000 to 2012. The facility is listed in the LUST database under Facility ID 15512; however, the site has achieved an NFA-Unconditional Closure status. The site has one permanently out of service 2,000-gallon gasoline UST. The site was noted to be an active automobile dealership during the site reconnaissance.
48	Circle K #54	320 Southview Drive	Y	H	LUST, UST, Spills	The facility is listed in the LUST database under Facility ID 17101. The LUST incident is currently active and of high priority. The site is listed in the UST database for four permanently out of service gasoline and kerosene tanks closed in 2000. There are also four active gasoline and kerosene USTs installed in April of 2000. The site is also listed in the SPILLS database for an incident that occurred in December of 1993. An unreported amount of unleaded gasoline spilled onto the property. No other information was provided. According to the most recent Quarterly Monitoring Report, dated April 30, 2016, groundwater contamination has been delineated to the southwest portion of the property along Southview Drive. The site was noted to be an active gasoline station during the site reconnaissance.

TABLE 2
AERIAL PHOTOGRAPH SUMMARY

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
1	WR Beach / Affordable Auto and Towing	4402 Bluff Rd.	Y	The site appeared as agricultural and residential land from at least 1939. The western portion of the site appeared to have been excavated or under construction on the 1970 aerial photograph. The 1983 aerial photograph depicted the site as having a pond on the west portion and miscellaneous stored items and residential or commercial structures to the east. The 1992 aerial photograph depicted the property with multiple structures on the eastern portion with miscellaneous stored items and/or heavy equipment. Several debris or soil piles were noted in the central portion of the property and the western portion consisted of a pond and excavated or bare soils. The site remained generally unchanged from 1992 except only one structure remained on the eastern portion of the site by 2014.
2	Hanson Aggregates / Milestone / E&B Paving	4350 Harding St.	Y (Partial)	The site appeared as agricultural land from at least 1939 until 1962 when evidence of quarry operations were noted. Multiple structures and equipment appeared on the southeastern portion of the site from the 1970s through the 2010s. The quarry operations appeared to have increased over this time.
3	Swift Auto Service / Motsinger Auto	4300 S. Meridian St.	Y	The site appeared as agricultural and wooded land in the 1939 aerial photograph. The 1956 aerial photograph depicted the site as potentially being under construction; however, based on the resolution of the aerial, the exact site conditions are difficult to determine. The 1962 aerial photograph depicted the site as commercially developed with two structures located on the west and east portions. The 1970 through 1992 aerial photograph depicted the property with three commercial structures similar in size and configuration to those noted during the site reconnaissance. Parked or salvaged vehicles were noted on the southeastern portion of the property. The site remained generally unchanged from the 1970s except the vehicles on the southeastern portion of the property were not noted from the 1992 aerial photograph until the most recent aerial (2014).

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
4	Stoops / Overland Express	1631 and 1851 W. Thompson Rd.	Y	The site appeared as agricultural land from at least 1939. Multiple residential and/or agricultural structures appeared on the site in the 1962 aerial photograph. Some of the structures appeared to have been demolished in the 1970 aerial photograph. The site appeared to be developed with two light industrial buildings. Two additional light industrial buildings appeared on the 1998 aerial photograph. The site remained generally unchanged since 1998.
5	Marathon Bulk 2734	1541 W. Thompson Rd.	Y	The site appeared as agricultural land from at least 1939 until its development in 1983. The 1983 aerial photograph depicted the site as a retail petroleum station. The site remained generally unchanged except the 1998 aerial photograph depicted the site as having an addition to the convenience store and a commercial building appeared to the west of the building (currently Taco Bell).
6	Flying J Travel Plaza	1720 W. Thompson Rd.	Y	The site appeared as agricultural land from at least 1939 until approximately 1956 when multiple agricultural and/or residential structures appeared on the western portion of the property. The 1992 aerial photograph depicted the site as a truck stop similar in size and configuration to that noted during the site reconnaissance. The truck service shop located on the western portion of the site appeared on the 1998 aerial photograph. The site remained generally unchanged since 1998.
7	Bud's Service / Mr. Fuel	4640 Harding St.	Y	The site appeared as agricultural and/or residential land from at least 1939 until approximately 1970 when it appeared to be used as vehicle or freight storage. The site appeared to be a gravel lot with freight trailer storage in the 1983 aerial photograph. The site appeared to be developed as a retail petroleum station and/or truck stop in the 1992 and 1998 aerial photographs; however, the configuration was not similar to the current development. The 2003 aerial photograph depicted the property similar to that noted during the site reconnaissance.
8	Pilot Travel Center	4607 Harding St.	Y	The site appeared as agricultural land from at least 1939 until its development in 1983 as a retail petroleum / truck stop facility. The building appeared similar in size and configuration to its current state except the dispenser canopy east of the building appeared larger than that noted during the site reconnaissance. The site remained generally unchanged from 1983.

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
9	Dollar Inn / Berns Transportation	4585 Harding St.	Y	The site appeared as agricultural land from at least 1939 until its development in approximately 1983 when the property was developed with a commercial building or motel similar in size and configuration to that noted during the site reconnaissance.
10	Blue Beacon / Former Amoco / Concrete Industries	4504 / 4550 Harding St.	Y	The site appeared as agricultural land from at least 1939 until approximately 1956 when it was developed with one agricultural or residential structure. The 1983 aerial photograph depicted the site as being developed with at least two commercial structures. A square-shaped commercial building appeared in the 1992 aerial photograph; however, the structure appeared to have been demolished by 1998 and the site consisted of a vacant, undeveloped lot. The 2003 aerial photograph depicted the property as being developed with a commercial building similar in size and configuration to that noted during the site reconnaissance (truck wash).
11	Ted's Aqua Marine / Lane Restoration	4600 S. Bluff Rd.	Y	The site appeared as agricultural and residential land from at least 1939 until 1956 when a commercial building appeared on the north central portion of the property. The western portion of the property appeared to be under construction or as exposed soil on the 1962 and 1970 aerial photographs. The 1983 aerial photograph depicted the property as having multiple stored freight trailers and one commercial building with paved parking area. The 1992 aerial photograph depicted the property building as having an addition to the west and freight trailer storage was noted on the western portion of the site. The site remained generally unchanged from 1992 except the boat lift noted during the site reconnaissance appeared on the 1998 aerial photograph and freight trailers were not observed on the western portion.
12	Truck Movers / Vehicare	4610 S. Bluff Rd.	Y	The site appeared as agricultural and residential land from at least 1939 until approximately 1970 when a small commercial building appeared in the central portion of the property. The commercial structure remained generally unchanged; however, freight trailer storage appeared on the site from at least 1998 to present.
13	Paul's Trailer Service	1245 Harding Ct.	Y	The site appeared as agricultural land from at least 1939 until its development in 1983 when a commercial building similar in size and configuration to that noted during the site reconnaissance was noted on the north central portion of the property.

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Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
14	Venture Logistics / Oliver Trucking / Penske Truck Leasing	1101 Harding Ct.	Y	The site appeared as agricultural land from at least 1939 until its development in 1983 when a light industrial building similar in size and configuration to that noted during the site reconnaissance appeared on the central portion of the property.
15	Linde / BOC Gases	1045 Harding Ct.	Y	The site appeared as agricultural and/or residential land from at least 1939 until 1992. The 1992 aerial photograph depicted the site as developed with light industrial structures generally similar to those noted during the site reconnaissance.
16	Circle City Tank Wash / Smith Tank Cleaning	1930 Banta Rd.	Y	The site appeared as agricultural land from at least 1939 until its development in approximately 1983 when the property was developed with a commercial building similar in size and configuration to that noted during the site reconnaissance. The 1992 aerial photograph depicted the property as a commercial building with a gravel or paved lot and numerous freight trailers were observed near the perimeters of the site. The site remained generally unchanged since 1992.
17	Thompson Road Dump	2635 W. Thompson Rd.	Y	The site appeared as residential land on the 1939 aerial photograph until approximately 1992. The 1992 aerial photograph depicted the western portion of the property with residential structures and the eastern portion of the property appeared to be scrub/shrub land with multiple vehicles and miscellaneous stored materials. The eastern portion of the property appeared to be used for automobile or miscellaneous salvage from 1992 until the most recent aerial photograph (2014).
18	RH Marlin	2202 W. Thompson Rd.	Y	The site appeared as agricultural land from at least 1939 until 1970 when the site appeared to be under construction. Two structures similar in size and configuration to those noted during the site reconnaissance appeared on the 1983 aerial photograph. The remaining portion of the property appeared to be used as equipment / heavy machinery or miscellaneous storage. The site remained generally unchanged since 1983.

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
19	Kopetsky's / Martin Marietta / IMI / Tri-Ax Inc.	5320 S. Belmont Ave.	Y	The site appeared as agricultural land from at least 1939. A barn or garage and multiple small structures appeared on the 1962 through 1983 aerial photographs. The property appeared similar in the 1983 aerial photograph except excavation or quarry activities were noted west of the on-site structures. The 1992 and 1998 aerial photographs depicted the site as a quarry with two ponds. Multiple structures and potential ASTs were noted near the west and southwest portions of the property. The quarry pond on the southern portion of the property appeared to have been filled throughout the late 1990 to 2000s. The southern portion of the pond was eventually backfilled and developed as a freight trailer storage facility by 2008. The southern portion of the pond continued to be backfilled and was noted as currently being backfilled during the site reconnaissance.
20	L and E Engineering	6450 S. Belmont Ave.	N	The site appeared as agricultural land from at least 1939 until its development in 1970. One commercial building similar in size and shape to the building noted during the site reconnaissance appeared on the 1970 aerial photograph. The property appeared generally unchanged throughout the remainder of the aerial photographs.
21	Ricker's 876 / Amoco	2025 W. Southport Rd.	Y	The site appeared as agricultural land from at least 1939 until its development as a retail petroleum station in approximately 1983. The property remained generally unchanged throughout the remainder of the aerial photographs.
22	Tuchman Cleaners/ Marathon	378 Western Boulevard, Suites A and B	Y	The site appeared as agricultural land from at least 1939 until its development as a retail petroleum station in 1998. The 1998 aerial photograph depicted the petroleum station in its current configuration; however, the dry cleaner building appeared to be under construction. The 2003 aerial photograph depicted the property building in its current configuration.
23	Speedway	6100 W. Smith Valley Road	Y	The site appeared as agricultural land from at least 1939 until its development as a retail petroleum station in approximately 1980. The site remained similar to its current development since at least 1980.
24	Amoco	9614 SR 144	Y	The site appeared as agricultural land from at least 1939 until its development as a retail petroleum station in approximately 1992. The site remained generally unchanged from 1992 until 2003 when the petroleum station was remodeled to its current configuration.

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
25	Johnson Oil Bigfoot / Shell / Circle K	9400 SR 144	Y	The site appeared as agricultural land from at least 1939 to approximately 1980. The property appeared to be under construction in the 1980 aerial photograph. The 1983 aerial photograph depicted the property as a retail petroleum facility similar in size and configuration to that
27	Marathon Gas	3400 Old SR 37	Y	The property appears as undeveloped land until 1975. In 1980 and 1983 a small structure appears on the property surrounded by a gravel or paved area. In 1992 a canopy appears south of the building. A pond also appears north of the property. This is similar to how the property is seen through
28	Tim Wilson Chevrolet-Buick	7005 SR 37 North	Y	The property appears as agricultural land from 1941 through 1983. In 1992, a small building appears on the eastern portion of the property. A gravel or paved lot appears on the western portion, with a drive leading south. From 1993 through 2014, the paved or gravel lot extends north of the building. A small structure appears on the east side of the
29	Grassyfork Fisheries Co., Inc.	2902 East Morgan Street	Partial	The property appears mostly undeveloped and covered by trees until 1975. In the 1975 photograph a small pond appears along the southern property boundary. This is how the property appears until 2014.
30	Washington Township Fire Department	1890 SR 44	Partial	From 1941 through 1975 the property appears as agricultural land. In 1980 a small building appears in the center of the property with a drive leading south towards State Road 44. This is how the property appears until 1998, when a large building appears on the property. From 2003 through 2014 the property appears developed with this building and another small building to the west, surrounded by pavement and drives leading to the
31	Indiana University Health Morgan	2209 John R. Wooden Drive	Partial	The property appears undeveloped until 1975. In 1975 a commercial building with parking areas to the north and south appear on the property. Several additions appear to have been added to the building from 1980 through 1998. From 2003 through 2014 the property appears to be developed with a large structure with several additions and parking

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
32	Shell Station	1229 N. Bluff Rd.	Y	The site appeared as agricultural land from at least 1939 until approximately 1956, when it was developed as commercial land. The 1956 aerial photograph depicted the site as having a commercial building in the center of the property, similar to the current petroleum storeconfiguration.
33	Village Pantry #404	109 Janay Drive	Y	The property appears as undeveloped land until 1992. In 1998 the property area appears to be under development. From 2003 through 2014 the property appears to be developed with a small building and canopy, surrounded by a paved parking area. Another small building appears on the western portion of the property.
34	Towne View Auto Clinic	1465 State Road 252	Y	The property appears as undeveloped land until 1975. From 1975 through 1983 the property appears developed with a small building on the south side State Road 252. In 1992 and 1998 the property appears as a vacant lot. From 2003 through 2014, the property appears developed with a small commercial building surrounded by a paved parking area.
35	Martinsville Citgo	229 Grand Valley Boulevard	Y	The property appears as agricultural land from 1941 through 1998. From 2003 through 2014, the property appears to be developed with a small building and canopy, surrounded by pavement.
36	Murphy USA	629 Birk Road	N	The property appears as agricultural land from 1941 through 1998. In 2003 the property appears to be under development. From 2008 to 2014, the property appears developed with a commercial structure and canopy, surrounded by pavement.
38	Turkey Hill #600	1860 South Ohio Street	Y	The property is depicted as agricultural land in the 1941 through 1954 aerial photographs. From 1975 through 1992 the property appears developed with a commercial structure. In 1998 the property appears as a vacant lot. From 2003 through 2014, the property appears to be developed with a small building on the western portion of the property and a canopy on the eastern portion. The building and canopy appear to be surrounded by a paved parking area.

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
39	Garry's Marathon Inc.	2180 Burton Lane	Y	The property is depicted as agricultural land in the 1941 through 1954 aerial photographs. In the 1975 through 1983 aerial photographs, the property appears developed with a small commercial building with a paved parking area to the east. In the 1992 aerial photograph, a canopy appears on the northeast portion of the property. This is similar to how the property appears in the 1998 through 2014 aerial photographs.
40	Martinsville Plaza Laundry	2028 Burton Lane	N	The property is depicted as agricultural land in the 1941 through 1954 aerial photographs. From 1975 to 2014, the property appears developed with a small commercial building surrounded by a parking area.
41	KMART #3790	2020 Burton Lane	N	From 1941 through 1954 the property appears as agricultural land. In 1975 a large commercial structure appears on the northern portion of the property. The southern portion of the property appears as a paved or gravel parking area. In 1980, an addition appears on the eastern portion of the building. In 1992, an addition appears on the north side of the building. This is similar to how the property is depicted in the 1998 through 2014 aerial photographs.
42	N/A	1390 Morton Avenue	Partial	From 1941 through 1983 the property appears as agricultural land. In 1992 and 1998 a commercial building appears on the north side of the property. The rest of the property appears as a paved parking area. Several vehicles appear on the southern portion of the parking area. From 2003 to 2014, another building appears on the northeast property corner. Several more vehicles appear on the property.

TABLE 2
Summary of Historical Aerial Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Project in ROW (Y/N)	Historical Aerial Summary
43	Pearson Brothers NAPA Auto Services	300 & 304 Rogers Road	Y	The property appears as agricultural land from 1941 through 1983. In 1992, a small commercial building appears on the property, located on the northwest side of an intersection. An access road is located on the north side of the building. Grass appears on the southern portion of the property. This is similar to how the property is seen in the 1998 through 2014 aerial photographs.
44	Laundry Basket and Tanning Center	459 Commercial Boulevard	Y	From 1942 through 1954 the property appears as agricultural land. In the 1975 through 1998 aerial photographs, a small commercial structure appears in the center of the property. In 2003, an addition appears to have been added to the west side of the building. The building is also surrounded by a paved parking area. This is similar to how the property is seen in the 2008 through 2014 aerial photographs.
46	Tim Wilson Chevrolet-Buick	555 Commercial Boulevard	Y	The property appears as agricultural land from 1941 through 1980. In the 1983 through 1998 aerial photographs, a commercial structure appears in the center of the property surrounded by a paved or gravel parking area. In 2003, two commercial structures appear on the property in place of the former building. The buildings are surrounded by a paved parking area. This is similar to how the property is seen in the 2008 through 2014 aerial photographs.
47	Weliever Olds-Pontiac-GMC Inc.	655 West Southview	Partial	From 1941 through 1980 the property is depicted as agricultural land. In the 1983 and 1992 aerial photographs, a large commercial building appears on the property surrounded by a paved parking area filled with vehicles. In the 1998 through 2014 aerial photographs, the parking lot expands further southwest of the building.
48	Circle K #54	320 Southview Drive	Y	The property appears to be used for agricultural purposes in the 1941 through 1954 aerial photographs. In the 1975 through 1983 aerial photographs the property appears to be a vacant lot. The property is bordered to the north and east by roads. Residential and agricultural land appear in the surrounding area. From 1992 to 2014 the property appears to be developed with a building on the western portion of the property. A canopy appears on the eastern portion. Paved parking area surround the building and canopy.

TABLE 3
CITY DIRECTORY SUMMARY

TABLE 3
Summary of City Directory Review for Potential Sites of Environmental Concern
Interstate 69 - Section 6 Corridor

Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
1	WR Beach / Affordable Auto and Towing	4402 Bluff Rd.	Y	From 1988 to 1991 the site is listed as Vacant. The site is listed under residential names from 1997 to 2010.
2	Hanson Aggregates / Milestone / E&B Paving	4350 Harding St.	Y (Partial)	The site is listed as vacant in the 1994, 1999, and 2010 city directories. The address is not listed in any other years.
3	Swift Auto Service / Motsinger Auto	4300 S. Meridian St.	Y	The site is listed as Meridian Martin Mart boats in the 1959 city directory. The site is listed as Utility Marine Inc. in the 1964 city directory. From 1969 to 1984 the site changes names to Interstate Marine boats. In 1991 the site is listed as American Swimming Pools Inc. The site is listed as General Auto Wholesale, Meridian Motors, and Motsinger Auto Supply in the 1997 city directory. In 2001 the site is listed as American Legion and Motsinger Auto Supply. From 2005 to 2010 the site is listed as Steve S. Towing Service.
4	Stoops / Overland Express	1631 and 1851 W. Thompson Rd.	Y	<p>1631 W. Thompson Road: In 1989 the site is listed as Superior Training Service and Overland Express. In 1994 the site is listed as ERMCO Electric Inc. In 1999 the site is listed under the names Crew Medical Management Services, Daymark Food Inc., ERMCO Electric, Electrical Repair and Maintenance Co., ERMCD Electric Inc., and Shamrock Transportation. In 2005 the site is listed under the names ERMCO Inc., Millennium Contractors, and Stoops Freightliner Quality Trailers and Parts. The site is listed as Millennium Contractors and Stoops National Lease in 2010.</p> <p>1851 W. Thompson Road: In 1994 and 1999 the site is listed under the following names: East Manufacturing, Kidron Truck Bodies, Monon Trailer Sales, Quality Trailer Sales, Stoops Freightliner, Stoops Parts, Stoop Service Department, Timpete Trailer Sales, Transcraft Trailer Sales. In 2005 the site is listed as Stoops. In 2010 the site is listed as Putnam County Hospital and Stoops Freightliner Quality Trailers.</p>

TABLE 3
Summary of City Directory Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
5	Marathon Bulk 2734	1541 W. Thompson Rd.	Y	The site is listed as a Taco Bell in the 1999, 2005, and 2010 city directories. The site is also listed as KPS Food Mart in 2005 and 2010.
6	Flying J Travel Plaza	1720 W. Thompson Rd.	Y	The site is listed under a residential name in the 1969 and 1974 city directories. The site is listed as a Flying J Travel Center in the 1994, 1999, 2005, and 2010 city directories. The site is also listed as Fleet Truck sales in the 2010 city directories.
7	Bud's Service	4640 Harding St.	Y	The site is listed as Bud's Service Station in the 1994 city directories. The site is listed as Vacant in the 1999 city directories.
8	Pilot Travel Center	4607 Harding St.	Y	In 1979 the site is listed as White Truck Sales and Indianapolis Freightliner. In 1984 the property is vacant. In 1989 the site is listed as Tire Distributors Inc., Train Express Inc., Schneider Tire Co Inc., and Scheid Truck Tire. From 1994 to 2010 the site is listed as Pilot Travel Center and Wendy's.
9	Dollar Inn / Berns Transportation	4585 Harding St.	Y	In 1979 the site is listed under the following names: Branch Motor Inn, Hoosier Transport, NRS Transit, Ryder Truck Lines, Trip Lease Services, Truckers SPCL CMMDTs. From 1984 to 1994 the site is listed under several other trucking, dispatch, and transportation companies. In 1999 the site is listed under Dollar Inn 5, Investment Lounge, Mowery Trucking Agency, and Vanguard Transportation Systems. In 2005 the site is listed under America's Best Inn, Cat's Truck Park, Investment Lounge, and Universal All Continental. In 2010 the site is listed as America's Best Inn and Investment Lounge.
10	Blue Beacon / Former Amoco / Concrete Industries	4504 / 4550 Harding St.	Y	4504 Harding Street is listed as Standard Oil Dealer in the 1969 city directories. In 1974 and 1979 the site is listed as Hanks Standard Service. 4550 Harding Street is listed as Texaco Service Stations from 1969 to 1979. In 1984 the site is listed as Virgil's Standard Service and Shanro Truck Sales. From 1989 to 1999 the site is listed as Wilson Bros Cadillac. In 1994 the site is also listed as U Haul Co. Blue Beacon Truck Washes is listed at the site in the 2005 and 2010 city directories.

TABLE 3
Summary of City Directory Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
11	Ted's Aqua Marine / Lane Restoration	4600 S. Bluff Rd.	Y	In 1959 and 1964 the site is listed as Stone Sales & Services building materials and Stonecraftmens Inc. construction. In 1969 the site is listed as Durra Springs Manufacturing precision springs. In 1974 the site is listed as State Wide Touring. From 1979 to 1984 the site is listed under Aqua Marine Inc., Lane Restoration, Aero Trucking Inc., Gil Flex Rentals, Flexi-Van Trailers, Macy Incorporated sand & gravel hauling, and Riss International trucking. From 1989 to 1997 the site is listed under Ted's Aqua Marine Inc., Lane Restoration Inc., Transamerica Trailer Services Inc., and Ideal Boat Cover Co. The site is also listed as FX Transfer and Lane Irrigation in the 1997 city directories. The site is listed as FX Transfer, Ted's Aquatic Marine, and A Custom Boat Cover Company in 2001 and 2005. In 2010 the site is listed as Affordable Boat & RV Storage and Aqua Marine - Ted's Boats.
12	Truck Movers / Vehicare	4610 S. Bluff Rd.	Y	The site is listed under a residential name in the 1974 city directories. In 1979 the is listed as Lambert Excavating. In 1997 the site is listed as Custom Concrete Co. From 2001 to 2010 the site is listed as Vehi Care Mid-America and Dothan Tarpaulin Products.
13	Paul's Trailer Service	1245 Harding Ct.	Y	The site is listed as Wilson Trailer Sales and MUV All from 1984 to 1994. From 1999 to 2010 the site is listed as Paul's Trailer Service Inc.
14	Venture Logistics / Oliver Trucking / Penske Truck Leasing	1101 Harding Ct.	Y	The site is listed as Security Cartage Co., Associates Truck Lines, ANR Freight System and Advantage Transportation Co. from 1984 to 1999. In 2010 the site is listed as Venture Logistics.
15	Linde / BOC Gases	1045 Harding Ct.	Y	The site is listed as Airco Industrial Gas in 1994. From 1999 to 2010 the site is listed as BOC Gases.
16	Circle City Tank Wash / Smith Tank Cleaning	1930 Banta Rd.	Y	In 1979 the site is listed as L&N Body Shop. From 1984 to 1999 the site is listed as Smith Bros Excavating, Western Star Trucks, Teico Truck Exchange, and TTX Inc. In 2010 the site is listed as Circle City Tank Wash.
17	Thompson Road Dump	2635 W. Thom	Y	The site is listed under residential names from 1974 to 2010.

TABLE 3
Summary of City Directory Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
18	RH Marlin	2202 W. Thompson Rd.	Y	The site is listed as Potter Concrete Inc. in 1974. From 1979 to 2010 the site is listed as Marlin R H Inc.
19	Kopetsky's / Martin Marietta / IMI / Tri-Ax Inc.	5320 S. Belmont Ave.	Y	From 1969 to 1984 the site is listed as Pence Henry. In 1984 to 1989 the site is listed as OK Sand & Gravel Co. From 1989 to 2010 the site is listed under several names: Laura Kopetsky Inc., Martin Marietta, Tri Ax Inc., and OK Sand & Gravel Co.
20	L and E Engineering	6450 S. Belmont Ave.	N	The site is listed as L&E Engineering Co. and Prototype Fabrications from 1974 to 1999. In 2005 the site is listed as IDS. In 2010 the site is listed as Midwest Food Bank.
21	Ricker's 876 / Amoco	2025 W. Southport Rd.	Y	The site is listed as Hanks STNDRS SV 2 in 1979. In 1984 the site is listed as H&G Standard. From 1989 to 2010 the site is listed as Onken's Amoco and BP service stations.
22	Tuchman Cleaners / Marathon	378 Western Boulevard, Suites A and B	Y	In 1999 and 2005 the site is listed as Tuchman Cleaners and Tobacco Road No. 162. In 2010 the site is listed as US Dry Cleaning Corp, Tuchman Cleaners, and GD Marathon Mart Conv. Store.
23	Speedway	6100 W. Smith Valley Road	Y	The site is listed as Speedway Petroleum in 1994, 1999, and 2010.
24	Amoco	9614 SR 144	Y	The site is listed as Noble Roman Pizza and Neathery's Amoco in 2005 and 2010.
25	Johnson Oil Bigfoot / Shell / Circle K	9400 SR 144	Y	The site is listed as Big Foot Stores LLC in 2010.
27	Marathon Gas	3400 Old SR 37	Y	Not available
28	Tim Wilson Chevrolet-Buick	7005 SR 37 North	Y	Not available
29	Grassyfork Fisheries, Inc.	2902 East Morgan Street	Partial	Not available

TABLE 3
Summary of City Directory Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
30	Washington Township Fire Department	1890 SR 44	Partial	Not available
31	Indiana University Health Morgan Hospital	2209 John R. Wooden Drive	Partial	From 1978 to 1998 the site is listed as Morgan County Memorial Hospital. In 2005 and 2010 Morgan County Hospital and Medical Center and several other physicians' offices are listed at the address.
32	Bigfoot 16	1229 North Bluff Road	Y	Not available
33	Village Pantry #404	109 Janay Drive	Y	Village Pantry #404, Village Pantry Pizza, and ATM Financial LLC are listed at the address in the 2005 and 2010 city directories.
34	Towne View Auto Clinic	1465 State Road 252	Y	Not Searched
35	Martinsville Citgo	229 Grand Valley	Y	The site is listed as Vacant in 2010.
36	Murphy USA	629 Birk Road	N	Not Searched
38	Turkey Hill #600	1860 South Ohio Street	Y	In 1974 the site is listed as Mid-State Honda. From 1978 to 1986 the site is listed as Kentucky Fried Chicken. In 2005 the site is listed as BP Super Stop. In 2010 the site is listed as Turkey Hill Minute Market 600.
39	Garry's Marathon Inc.	2180 Burton Lane	Y	In 1974 and 1978 the site is listed as Burton Lane Marathon Station. From 1982 to 1998 the site is listed as Gary's Marathon. In 1986 the site is also listed as Paul's Towing Service. The site is Vacant in the 2005 and 2010 city directories.
40	Martinsville Plaza Laundry	2028 Burton Lane	N	The site is listed as Drapalik Surveying & Engineering in the 2005 city directories. In 2010 the site is listed as Martinsville Plaza Laundry and Sgt. Pepper's Chicken.

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Summary of City Directory Review for Potential Sites of Environmental Concern
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Site ID	Site Name	Site Address	Site in Project Study Area (Y/N)	City Directory Summary
41	KMART #3790	2020 Burton Lane	N	In 1998 the site is listed as Big K. In 2005 the site is listed as KMART. In 2010 the site is listed as Vacant.
42	N/A	1390 Morton Avenue	Partial	Not Searched
43	Pearson Brothers NAPA Auto Services	300 & 304 Rogers Road	Y	Not Searched
44	Laundry Basket and Tanning Center	459 Commercial Boulevard	Y	Not Searched
46	Tim Wilson Chevrolet-Buick	555 Commercial Boulevard	Y	Not Searched
47	Weliever Olds-Pontiac-GMC Inc.	655 West Southview	Partial	The site is listed as Weliever Olds Pontiac GMC in the 1986 to 1998 city directories. In 1998 the site is also listed as Weliever Budget Center and Enterprise Rent-A-Car.
48	Circle K #54	320 Southview Drive	Y	The site is listed as Shell Big Foot in the 1990 city directories. The site is listed as Bigfoot Food Store in the 1998 city directories. The site is listed as vacant in 2010.