



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 12  
5500 TRANSPORTATION BLVD. • GARFIELD HGTS., OH 44125 • 216-581-2100

## **Environmental Document**

for

## **LAK US 020 19.59 Major Rehab PID 108665**

**Environmental Document Level: D1**

**Approved: 5/13/2021**

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*The environmental review, consultation, and other actions required by applicable Federal environmental laws for this project are being, or have been, carried out by ODOT pursuant to 23 U.S.C. 327 and a Memorandum of Understanding dated December 14, 2020, and executed by FHWA and ODOT.*

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## **Project Type**

**Please check all of the following actions that apply (Must check at least one):**

(13) Actions described in 23 CFR 771.117 (c)(26), (c)(27), and (c)(28) that do not meet the constraints listed in 23 CFR 771.117(e).

(a) Project types that exceed thresholds in Appendix A

(b) Project types that exceed thresholds in Appendix B



## General Project Information

### Project, Cost Schedule and Work Limits

Environmental Document Levels:	D1
PIDs:	108665, 109270
Project Name:	LAK US 020 19.59 Major Rehab
Project Sponsor:	ODOT SPONSORING AGENCY
ODOT District:	12
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	Yes
Private Funding:	No
Local Public Funding:	No
STIP Reference #:	108665: 21-24 STIP, 109270: 21-24 STIP

The next phase of the proposed project is listed on the STIP Yes

The current cost estimate is in line with existing federal procedures for Ohio STIP Amendment and Administration Modifications Yes

Planning and Engineering: \$0.00

Right of Way: \$0.00

Construction: \$0.00

Other: \$0.00

An Interchange Modification/Justification/Operations Study (IMS/IJS/IOS) was completed No

### Project Description:

The Ohio Department of Transportation (ODOT) proposes to rehabilitate US 20 (North Ridge Road) between SR 2 and SR 528 (Hubbard Road) in Painesville, Perry, & Madison townships and Village of North Perry, Lake County. The overall project is split between two PIDs. LAK-20-19.49 PID 108665 includes the section from SR 2 to Townline Road in Painesville & Perry townships. LAK-20-24.99 PID 109270 includes the section from Townline Road to SR 528 in Madison Township. The proposed work includes full reconstruction and widening of the roadway with an asphalt pavement. The widening will be from the existing 46' to 57' to meet ODOT's design standards for minimum lane widths for this type of roadway. Work includes new storm sewer system, catch basins, overhead signal work, curb and gutter sections to improve drainage.

One lane of traffic in each direction on North Ridge Road will remain open throughout construction. Some side streets will be closed for up to 30 days with alternating streets being closed. Construction will be in 5



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phases: SR 2 to Lane Road; Lane Road to Center Road; Center Road to Townline Road; Townline Road to Green Road; and Green Road to SR 528.

The project will require permanent right-of-way from 108 parcels totaling 5.5 acres and temporary right-of-way from 158 parcels totaling 7.7 acres. One relocation will be required.

Stream and wetland impacts will occur and are described in the Ecological section.

Three landfills were identified in the project area. ODOT will work with OEPA to obtain all applicable records and determine if 513 permit is required.

Stream and wetland impacts will occur and are described in the Ecological section.

No cultural resources impacts, no hazardous materials, no noise or air quality impacts, no Section 4(f)/6(f) impacts, or impacts to underserved populations are associated with this project.

A virtual public meeting held on December 3, 2020 to provide project information and an opportunity to comment on the project. Local safety services and schools in the project area were also sent meeting notices. Twenty-nine written comments were received via email and online. The meeting and comments are described in the Public Involvement section.

The D1 Environmental Determination and associated studies are being approved using Stage 1 Design. A copy of the plans is included in the Project File/General/Project information/Stage 1 Design.pdf.

<b>Limits of Proposed Work:</b>	Perry Twp; SR-2 to Townline Road & Madison Twp; Townline Road to SR-528
<b>Start (SLM):</b>	19.59
<b>End (SLM):</b>	28.14
<b>Total Work Length (Miles):</b>	8.55

**Roadway Character**

**Route Number: US00020**

**Functional Classification:** Principal Arterial - Other (Urban)

**Current Average Daily Traffic:** 25000

**Current Average Daily Traffic Year:** 2022

**Design Year Average Daily Traffic:** 31850

**Design Average Daily Traffic Year:** 2042

**Daily Hourly Volume:** 3185

**Truck %:** 7

**Setting:** Suburban

**Topography:** Rolling

	<b>Existing:</b>	<b>Proposed:</b>
Design Speed (MPH):	45	45
Legal Speed (MPH):	45	45



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Number of Lanes:	4	4
Type of Lanes:	through	through
Pavement Width (ft):	46	57
Shoulder Width (ft):	2	2
Median Width (ft):	n/a	n/a
Sidewalk Width (ft):	4	4

**No bridge data for PIDs associated with this CE Form**

**Maintenance of Traffic During Construction**

A roadway, bridge or ramp closure is required	No
A temporary bridge or roadway is proposed	No
A detour is required for the proposed project	Yes
Access for local through traffic will be provided with appropriate signage	Yes
Provisions for through-traffic dependent businesses will be incorporated into project design	Yes
Provisions to accommodate any local special events or festivals will be incorporated into project design	Yes
The proposed MOT substantially impacts sensitive environmental resources	No
Substantial controversy is associated with the proposed MOT	No
Coordination has been initiated and/or completed with local emergency services, schools, public institutions/facilities, etc.	Yes

**Remarks:**

On US 20 at least one lane of traffic in each direction will be maintained during construction. Several intersecting roads will require short term closures: Townline Road, McMackin Road, Green Road, DeRubertis Road, and SSR 528 Hubbard Road. Each road will likely be closed less than 30 days.

Local safety services and schools were invited to the October 8, 2020 Stakeholder Meeting and the December 3, 2020 Public Meeting. No comments were received.

**Are there any Environmental Commitments?** Yes

**Right of Way and Utility Involvement**

The project requires Permanent Right-of-Way	Yes
The project requires Permanent Easement(s)	Yes
The project requires Temporary Right-of-Way	Yes
Number of parcels impacted by Permanent Right-of-Way:	108



<b>Number of parcels impacted by Temporary Right-of-Way:</b>	158
<b>Approximate acreage of Permanent Right-of-Way needed:</b>	5.494
<b>Approximate acreage of Temporary Right-of-Way needed:</b>	7.692
<b>Electrical lines, gas lines, water lines, sewer lines, phone lines or other utilities exist in the project area</b>	Yes
<b>Large scale transmission facilities are located within the project area</b>	No
<b>Private utility easements are located within the project area</b>	Yes
<b>The existing private utility easement will be impacted by the project</b>	Yes
<b>Coordination with identified utilities has been initiated and/or completed</b>	No

**Please explain why utility coordination has not been initiated and/or completed**

Initial utility coordination will begin in the near future as part of Stage 2 Design.

**Remarks:**

Permanent and temporary right-of-way will be required for this project. One relocation is required.

Utilities in the project area include:

Dominion Energy Ohio, The Illuminating Company, Lake County Department of Utilities (water & sanitary), Charter Communications, and Ohio Department of Transportation (storm).



## Purpose & Need

### Purpose & Need

#### Project History:

Previous work on North Ridge Road (US 20) in eastern Lake County has reconstructed and adjusted the catch basins (2007-2009); and rehabilitated the pavement (2009-2011). The pavement has now deteriorated and the catch basins are in need of repair. In 2018, ODOT completed emergency pavement repairs in various sections.

List of previous projects:

80788 32 catch basins SR 2 to CL Road 2007

82113 14 catch basins 2008

83509 20 catch basins 2009

81520 resurface, Blackmore Center, SR 528 ATB CO, 2009

81524 minor rehab, SR 2 Blackmore & Green to SR 528, 2010

81526 resurface, Center Green, 2011

ODOT's Pavement Management Guidelines used to develop the ODOT Annual District Work Plans for pavement and bridges use a specially designed process to monitor pavement and bridge conditions and forecast likely future conditions. US 20 is designated as part of ODOT's General System under the Work Plan. The guidelines for this system consider a Pavement Condition Rating (PCR) of 60 as deficient. The guidelines also include recommendations for specific preventative maintenance treatments at specific PCR levels, usually 70-82. PCRs are grouped into condition levels, 90-100 Very Good; 75-89 Good; 65-74 Fair; 56-64 Fair to Poor; 40-55 Poor; less than 40 Very Poor.

#### Purpose Statement:

The purpose of this project is to address the poor pavement conditions and deteriorated catch basins.

#### Need Element(s):

##### Pavement Conditions

The current (2018) PCRs for US 20 are shown on the table below. The Annual District 12 Work Plan are developed using the current PCRs to forecast the deterioration rate into the future. The forecasted PCRs for US 20 by 2022 and 2027 are shown on the table below.

Sections	2018 PCR	2022 Projected PCR	2027 Projected PCR
US 20 SR 2 to Lane Road	66-82 Good/Fair	57-71 Fair	44-62 Poor/Fair
US 20 Lane Road to Middle Ridge Road	79-97 Very Good /Fair	63-83 Good/Fair	53-70 Poor/Fair
US 20 Middle Ridge Road to SR 528	70 Fair	61 Fair to Poor	52 Poor

Based on the past pavement performance and pavement treatment guidelines, more in depth work is required to address the long term pavement condition.



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**Goals and Objectives:**

ODOT will minimize impacts to adjacent properties.

**Summary Statement:**

The purpose of this project is to address the poor pavement conditions and deteriorated catch basins.

**Logical Termini and Independent Utility:**

The termini for the proposed project are from SR 2 east to SR 528.

The proposed project does not rely on any other project to meet the established purpose and need. Additionally, the project is independent of any other transportation improvement in the area and does not preclude any future project. Therefore, independent utility is established for the proposed project.



## Alternatives

### Alternatives

#### Discuss No Build Alternative:

The No Build Alternative includes only minor maintenance. This alternative would not address the deficient pavement. The No Build Alternative does not meet the project's Purpose & Need.

Was a Feasibility Study completed?

Yes

Date Feasibility Study was approved:

03/18/2020

Was an Alternative Evaluation Report (AER) completed?

No

#### Alternatives Considered

Name	Description	Reason Dismissed	Preferred Alternative
Drainage Alternative 1 for LAK-20-19.59	places storm sewer outside of the pavement along the south side of US 20	not dismissed	Yes
Drainage Alternative 2 for LAK-20-19.59	places storm sewer beneath the pavement	more maintenance concerns	No

#### Discuss Reasons Alternative Identified as Preferred was selected:

Two drainage alternatives were analyzed for LAK-20-19.59 in the Feasibility Study. Both alternatives meet the project's purpose & need. Alternative 1 has slightly higher right-of-way costs over Alternative 2. These costs for Alternative 1 are offset by the improved maintenance access for ODOT. Alternative 1 was selected as the preferred alternative.



## Air

### Mobile Source Air Toxics (MSATs)

**Sensitive Areas are located within approximately 500' of the proposed project area** Yes

**The proposed project is listed as a C1 in ODOT's CE Guidance and/or falls under 40 CFR 93.12** Yes

#### Remarks:

This project does not add capacity, a new interchange, or a new road on new alignment. This project only slightly modifies an existing alignment. Hence, this project will not result in any meaningful changes in traffic volume, vehicle mix, location of the existing facility, or any other factor that would cause an increase in emissions impacts relative to the no-build alternative. As such, FHWA has determined that this project will generate minimal air quality impacts for Clean Air Act criteria pollutants and has not been linked with any special MSAT concerns. Consequently, this effort is exempt from analysis for MSATs.

### Particulate Matter 2.5 (PM2.5)

**The proposed project is in an air quality non-attainment or maintenance area** Yes

**The proposed project falls under 40 CFR 93.126** Yes

#### Remarks:

The subject project is in Lake County which is a PM 2.5 Nonattainment Area. The project is exempt from PM2.5 analysis per 40CFR93.126 under 'pavement resurfacing and/or rehabilitation.'

### Carbon (CO)

**The State of Ohio is in attainment for CO at this time and no coordination or analysis is required**

### Ozone

**The proposed project is in an Ozone non-attainment or maintenance area** Yes

**The proposed project is listed on the TIP** Yes

#### Remarks:

Lake County is in an ozone nonattainment area. The project is included on the 2021-2024 State Transportation Improvement Program (STIP) as exempt from air quality analysis. The project's design concept and scope have not changed significantly since the project's inclusion on the STIP per 40 CFR 93.115. However, because the project is in the STIP, ozone is addressed.

### Environmental Commitments



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**Are there any environmental commitments? No**



## Noise

### Noise

Noise Sensitive Areas located within approximately 500' of the proposed project area	Yes
Noise Analysis conducted	No
The proposed project is a Type I project	No
The proposed project is a Type II project	No

### Remarks:

The project does not qualify as a Type I project for noise (i.e. not adding capacity to thru lanes, not moving thru travel lanes equal to or greater than 50% closer to noise sensitive areas) and a noise analysis is not required for the project under 23 CFR 772.

### Environmental Commitments

Are there any environmental commitments? No



## ESA

**ESA**

**Does the project require any Permanent ROW or Easement?:** Yes

**ESA Screening Report was completed by District Staff** No

**Date of ESA Screening IOC from OES:** 05/11/2021

**Do any sites require a Phase 1 ESA, Phase 2 ESA, or plan note according to the IOC from OES?** Yes

Sites that require Phase 1 ESA, Phase 2 ESA, or Plan Note

Site Name	Address	Phase 1 Required?	Phase 2 Required?	Plan Note Required?
19.59 RM-001 Palecek Motors	2495 North Ridge Road	No	No	Yes
19.59 RM-002 Marathon Gas Station	2481 North Ridge Road	No	No	Yes
19.59 RM-003 Beckwith's Automotive Services	2450 North Ridge Road	No	No	Yes
19.59 RM-004 Sunoco Gas Station	2500 North Ridge Road	No	No	Yes
19.59 RM-005 Daddy's Bone Saloon	2510 North Ridge Road	No	No	Yes
19.59 RM-006 Action Auto Wholesale	2501 North Ridge Road	No	No	Yes
19.59 RM-074 Thri-vin Auto Sales	3497 North Ridge Road	No	No	Yes
19.59 RM-145 Condor Brothers Auto	4569 North Ridge Road	No	No	Yes
19.59 RM-146 Chuck's Service Center	4571 North Ridge Road	No	No	Yes
19.59 RM-194 RediGo Food Mart	5068 North Ridge Road	No	No	Yes
19.59 RM-115 Lee's Machinery	4089 North Ridge Road	No	Yes	No
19.59 RM-158 RBT Automotive	4681 North Ridge Road	No	Yes	No
19.59 RM-177 former The Cutting Edge (TCE)	4825 North Ridge Road	No	Yes	No
19.59 RM-190 Perry Auto Center	5030 North Ridge Road	No	Yes	No
24.99 RM-012	5745 North Ridge Road	No	No	Yes



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24.99 RM-017	5909 North Ridge Road	No	Yes	No
24.99 RM-027	6114 North Ridge Road	No	Yes	No
24.99 RM-048	6686 North Ridge Road	No	No	Yes
24.99 RM-067	5477 North Ridge Road	No	No	Yes

**Date of Phase 2 ESA IOC from OES:**

**Remarks:**

Lawhon & Associates, Inc. conducted a Regulated Materials Review for the LAK-20-19.59 and LAK-20-24.99 both dated February 2021 which were conducted in accordance with the Ohio Department of Transportation Office of Environmental Services (ODOT-OES) Regulated Materials Manual (2018). As a result of the review for LAK-20-19.59: 14 properties were recommended for a Petroleum Contaminated Soils (PCS) plan note and 10 properties were recommended for RMR Investigations. OES issued an email on May 11, 2021 stating agreement with the recommendations for only 10 properties for PCS plan note and 4 properties for RMR Investigations. Boring locations were provided. As a result of the review for LAK-20-24.99: 5 properties were recommended for a PCS plan note and 6 properties were recommended for RMR Investigations. OES issued an email on March 11, 2021 stating agreement with the recommendations for only 3 properties for PCS plan note and 2 properties for RMR Investigations. Boring locations were provided. All other properties do not warrant any further RMR or special material management.

The RMR Investigation will be conducted by Lawhon & Associates, Inc. as an environmental commitment to be completed by July 15, 2021. An environmental commitment has been added.

- RMR report and coordination may be found in the project file under ESA

**According to the IOC from OES does the project require any Environmental Commitments (plan notes and/or other coordination)?** Yes



## Cultural Resources

### Cultural Properties Present

**Please describe all of the efforts made to identify Historic Properties (including lit review, field investigation, etc.):**

Lawhon & Associates, Inc. prepared the Section 106 Scoping Requests for LAK-20-19.59 and LAK-20-24.99 both dated October 15, 2020. The requests for review provided records checks which included a review of electronic data from the Ohio State Historic Preservation Office (SHPO) to identify properties within the project area listed on or eligible for the National Register of Historic Places (NRHP), Ohio Archaeological Inventory (OAI) sites, Ohio Historic Inventory (OHI) buildings and structures. For LAK-20-19.59, 44 OHIs, 8 OAls, and 2 OGS cemeteries were identified. For LAK-20-24.99, 3 OHIs and 1 OGS cemetery were identified within the project area. On December 1, 2020 OES determined that a Phase 1 History/Architecture survey was warranted.

No archaeological properties listed on or determined to be eligible for listing on the NRHP were identified. No further archaeological investigations are warranted.

Lawhon & Associates, Inc. prepared a Phase 1 History/Architecture report dated February 2021 covering both projects. A total of 212 parcels containing 172 resources 50 years and older within the project APE were surveyed. No resources are within the construction limits and thus there are no total takes of any historic resources documented in the report. No architectural properties 50 years of age or older were found eligible for inclusion on the NRHP due to lack of significance and diminished integrity. No further investigations were recommended. The architectural property to be removed by the project is located at 3787 Ridge Road. The resource is documented in the Ohio Historic Inventory file as LAK0017606. Due to lack of significance and integrity, the resource is not eligible for inclusion on the NRHP.

**Is there an eligible or listed NRHP Historic Property in the Area of Potential Effects Pursuant to 36 CFR part 800?** No

**OES Approval/OSHPO Concurrence Date:** 03/29/2021

### Remarks:

In accordance with 36 CFR Section 800.4(d)(1) and the Section 106 Programmatic Agreement (Agreement No. 19319) executed November 8, 2017 and amended July 11, 2019, ODOT has determined that a finding of 'no historic properties affected' is applicable to the undertaking identified as LAK-20-19.59 PID 108665 and LAK-20-24.99 PID 109270 based on the following:

1. No history architecture properties 50 years of age or older listed on or eligible for listing on the NRHP will be affected by the undertaking.
2. No archaeology properties listed on or eligible for listing on the NRHP will be affected by the undertaking



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This completes the Section 106 review process. On April 20, 2021 the State Historic Preservation Office (SHPO) provided a few comments on the Phase 1 History/Architecture Report, however did not comment on the finding.

**What is the Section 106 effect determination in the OES Transmittal?** No Historic Properties Affected

**Archaeological Resource Adverse Effect**

**History/Architecture Adverse Effect**

**Tribal Consultation**

**Tribal Consultation Summary/Remarks:**

The Delaware Tribe of Oklahoma was notified of the project on March 29, 2021. The Tribe did not provide any response within the 30 day comment period.

**Environmental Commitments**

**Are there any Environmental Commitments?** No



## Ecological

Est. Total Size (Acres) of for Project:	27.800
Est. Total Impacted (Acres) of for Project:	0.383
Total Acres of Non-Isolated Wetlands impacted:	0.372
Total Acres of Isolated Wetlands impacted:	0.011
Est. Total Size (Acres) of for Project:	27.800
Est. Total Impacted (Acres) of for Project:	0.383
Total Acres of Non-Isolated Wetlands impacted:	0.372
Total Acres of Isolated Wetlands impacted:	0.011
Total Linear feet Impacted:	579
Total Linear feet Impacted:	579

Are there any environmental commitments? Yes



### Other Resources

**Farmlands**

**The proposed project is located within an Urbanized Area** Yes

The proposed project is located in an area that is in or committed to urban development or water storage and is therefore not subject to the Farmland Policy Protection Act (FPPA) in accordance with 7 CFR 650.10. No further coordination is required.

**Remarks:**

Based upon review of appropriate mapping, the proposed project is located in an urbanized area zoned for non-agricultural purposes and is not in an agricultural district. Therefore, the proposed project meets the terms and conditions of the *Memorandum of Understanding between the Natural Resource Conservation Service and the Ohio Department of Transportation for Projects Involving Farmlands (Agreement No. 19552)*, executed on March 15, 2016. No further coordination is required.

- The Urbanized Area Map can be found in the Project File under Other Resources/Farmlands

**Are there any environmental commitments?** No

**Drinking Water**

**The proposed project is wholly or partially located within the USEPA designated boundaries of a Sole Source Aquifer** No

	Present:	Impacted:
The proposed project is wholly or partially located within the OEPA designated boundaries of a Source Water Protection Area	No	

**Coordination with the Local Public Water Administrator is required** No

	Present:	Impacted:
Residential Wells are present	Yes	No

**Remarks:**

The Ohio EPA Division of Drinking and Ground Waters mapping tool was used to identify the presence of drinking water resources within the project study area. The map indicates that there are no public water system wells, intakes, drinking water source protection areas, non-transient, non-community Water Systems or transient non-community water systems within 1/2 mile of the project area. The project area does not lie over a Federally-designated sole source aquifer.



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Well locations near the project limits were mapped from ODNR Ground Water Mapping and Technical Services' website. A number of wells are located along the corridor adjacent to the project. No well impacts are anticipated.

- OEPA and ODNR mapping may be found in the Project File under Other Resources/Drinking Water

**Are there any environmental commitments? No**



## **Section 4(f)**

### **Section 4(f) Determination**

**Section 4(f) properties are within and/or adjacent to the proposed project area** **No**

### **Identified Section 4(f) Properties**

#### **Remarks:**

The Lake County Metroparks owns two unimproved parcels (03-A-056-0-00-004-0 & 03-A-056-0-00-010-0) along the US 20 corridor which were donated. The parcels are not designated as a park and do not contain any public recreational facilities. As documented in the April 21, 2021 ODOT Memo to File, Section 4(f) does not apply to these parcels.

- ODOT determination can be found in the project file under Section 4(f).

No publicly-owned parks, recreation areas, wildlife or waterfowl refuges or historic sites will be impacted by the project.

**Are there any environmental commitments? No**



## Section 6(f)

### Section 6(f) Determination

	Present:	Impacted:
6(f) Properties:	No	

### Remarks:

Research of the Land and Water Conservation Fund Coalition website <https://www.lwcfcoalition.com/tools> by Lawhon & Associates, Inc. did not identify any public parks or recreation areas that have used Section 6(f) funds within or adjacent to the project area. No funds were used to acquire and/or develop said recreation areas. Therefore, no further coordination is required.

- The Section 6(f) LWCF grant list may be found in the project file under Section 6(f)/Project Information

**Are there any environmental commitments? No**



## Community Impacts

### Community Impacts

**Will the proposed action comply with the local/regional development patterns for the area?** Yes

**Remarks:**

The proposed project is consistent with local plans and is not expected to change development patterns in the area. The project is listed in the Northeast Ohio Areawide Coordinating Agency's (NOACA), the Metropolitan Planning Organization for the region, FY 2018-2021 Transportation Improvement Program.

**Will the proposed action result in substantial negative impacts to community cohesion?** No

**Remarks:**

The project does not change the roadway configuration and will not create or add any community division. The project only widens the existing lanes.

**Will the proposed action result in indirect or cumulative impacts?** No

**Remarks:**

The proposed improvements will not result in a reasonably foreseeable secondary or cumulative impact. The proposed improvements are expected to have positive impacts on the local community by improving the pavement condition and drainage in the corridor.

**Will the proposed action result in substantial impacts on health and educational facilities, public utilities, fire, police, emergency services, religious institutions, public transportation, pedestrian and bicycle facilities?** No

**Remarks:**

Substantial impacts will not occur to health and educational facilities, public utilities, fire, police, emergency services, religious institutions, or public transportation facilities. Inconveniences will be experienced by public services (fire, police, and emergency services) due to the planned closure and detour of some of the side roads during construction; but the inconvenience will be temporary and short in duration. Emergency services and schools will be notified of any delays and closures associated with construction.

**Will the proposed action displace residents, businesses, institutions or farms?** Yes

Number of Displacements

**Residences:** 1

**Businesses:** 0

**Institutions:** 0



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**Farms:**

0

**Remarks:**

One residential relocation is required for this project due to the proximity of the home to the roadway and the required temporary right-of-way for maintenance of traffic and for utility pole relocation. The project is designed to minimize right-of-way and displacement impacts.

**Are there any Environmental Commitments? No**



## Underserved Populations

### Underserved Populations

#### Identified Underserved Populations

Census Block Group #	% Minority	% Low Income
390852048001	4	26
390852063003	8	12
390852063004	30	47
390852063001	9	16
390852063002	0	19
390852057014	28	62
390852057013	1	19
390852057012	0	24
390852060001	22	36

Are Underserved Populations located within and/or adjacent to the proposed project area?	Yes
Are there any relocations?	Yes
Are there residential relocation(s)?	Yes
Is Housing of Last Resort anticipated?	No
Are there business relocations?	No
Will there be changes to access?	No
Will the proposed project result in unanticipated additional impacts to any Underserved Populations?	No
Were any concerns related to impacts on Environmental Justice Populations or any other unique factors that could result in a disproportionately high and adverse effect raised during public involvement?	No
Were any concerns related to impacts on Title VI Populations or any other unique factors that could result in a disparate impact raised during Public Involvement?	No
Were any concerns or any other unique factors that could result in an impact to any of the of Underserved Populations (Limited English Proficiency, Older Adults, or Individuals with Disabilities) raised during Public Involvement?	No

#### Remarks:

According to the ODOT's TIMS, the EJ population percentages are mixed in the project area. The Minority population ranges from 30 to 0 percent. The Low Income population ranges from 62 to 12 percent. The older adult population ranges from 46 to 16 percent and the Limited English Proficiency (LEP) population ranges from 13 to 0 percent.



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Underserved Populations were involved as part of the public involvement process and offered the opportunity to comment on the project through the ODOT project page, at the virtual public meeting, and were provided information on who to contact to express concerns. The virtual public meeting invitation letters also included project information and were sent to property owners, residents, and businesses within the proposed project area, as well as stakeholders, and local government officials. Flyers distributed by D-12 staff to local business to post. The notification letters and Flyers include contacts for Spanish speaking residents. No comments have been received or issues raised concerning the project's impact to Underserved Populations.

The proposed project will have no disproportionately high and adverse effects to minority or low-income populations or disparate impacts to a Title VI population based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on Environmental Justice or Title VI populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of Executive Order 12898, FHWA Order 6640.23A and Title VI of the Civil Rights Act of 1964, no further analysis is required.

The proposed project will have no substantial impacts to Limited English Proficiency, Older Adults, and Individuals with Disabilities Populations based upon the table above, the attached mapping, and the answers to the questions above. No concerns related to impacts on these Underserved Populations were raised as a result of public involvement activities conducted as part of the proposed project. Therefore, in accordance with the protections of the Age Rehabilitation Act of 1973, Discrimination Act of 1975, Americans with Disabilities Act of 1990, and Executive Order 13166, no further analysis is required.

Based on the above findings an Underserved Populations Impact Analysis Report is not required.

- See Project File/Environmental Justice/Project Information/Census Mapping.pdf

**Are there any Environmental Commitments? No**



## Public Involvement

### Public Involvement

**Please provide a summary of the Public Involvement activities that have been conducted for this project (For example press releases, letters to affected property owners and residents, meetings, special purpose meetings, newspaper articles, etc)**

Property owner letters were sent on March 4, 2019 to notify property owners of the project and planned survey fieldwork associated with the project and provide an opportunity to comment on the project. Public Meeting Notification Letters for a virtual public meeting were mailed on October 20, 2020 to property owners/residents/businesses/local safety services/school officials. Materials normally available at an in-person public meeting, Handout, and Comment Form, were included with the notification letter. The project team created a project website under ODOT's new project page and in Public Input. The public meeting was also listed on ODOT's Events web page. A link to the virtual public meeting was provided on the ODOT Project to Public Input. Interested parties could connect to the virtual meeting using their computer or smartphone both with video or audio or using regular phone. The virtual public meeting was held on December 3, 2020. During the meeting comments could be provided using the web page, voicemail, or speaking to project team. Following the meeting comments could be submitted by mailing a written comment form or letter (sent in the mail or printed from web page), phone, or email. 69 people participated the virtual public meeting via PublicInput using their computer and phones. The notification letters and Flyers include contacts for Spanish speaking residents. As further design work was completed a few additional properties were identified with ROW impacts. On February 22, 2021, project notification letters were sent to these additional property owners with project information and to provide an opportunity to comment. The PI Plan was approved by ODOT on July 7, 2020.

- The Public Involvement documentation may be found in the project file under Public Involvement/Project Information

**Was Public Involvement conducted in compliance with Title VI requirements?** Yes

**Is there any substantial environmental controversy on environmental grounds?** No

**Please summarize the Public Involvement responses received.**

Comment period ran from December 3, 2020 to January 3, 2021.

A total of 29 written comments were received via email, mailed form, and ODOT's project webpage. Concerns expressed in the comments include: speeding with wider lanes, sidewalk & ROW impacts to property, need center left turn lane & traffic signals, safety at two intersections, lower speed limit, extend sanitary sewer lines, concern for a third intersection, catch basins in travel lanes, future development at Perry Park Rd, consider center bump to deter crossing center line, effect on water & sewer lines, impacts to business sign & access, and Madison Twp asked about sidewalk agreement.



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ODOT responded to the emails and online comments as received. Responses included: lanes being widened to meet minimum design standards, speed enforcement is local law enforcement concern, ROW specifics still under development, center left turn lane was studied earlier and had too many utility conflicts & funding constraints, intersections where turn lanes are not proposed were investigated and not needed, locations where no new signals were investigated and do not meet signal warrants, intersections of concern will be reconfigured as part of the project, speed studies are being conducted, sanitary sewers are not ODOT jurisdiction, signal will be replaced at third intersection but no turn lanes, catch basins will be relocated outside of the travel lanes, project will not interfere with future development, wider lanes will help with maintaining lane, will not impact water line, sewer line may need to be relocated in places, access to all properties will be maintained throughout construction, moving a legal sign will be considered during the ROW process, and working on draft agreement.

No additional comments were received from the February 21, 2021 notification letter.

**Are there any Environmental Commitments? No**



## Permits

### Waterway Permits

Are Waterway Permits required? Yes

Is the Waterway Permits Determination Complete? No

Army Corps of Engineers

Regional General Permit (RGP):

Nationwide Permit (NWP):

Section 404 Individual Permit:

Section 10 Permit: No

Ohio EPA

Section 401 Water Quality Certification:

Level 1 General Isolated Wetland Permit: Yes

Level 2 Individual Isolated Wetland Permit: No

Level 3 individual Isolated Wetland Permit: No

US Coast Guard

Section 9 Coordination: No

Section 9 Bridge Permit: No

ODNR

Shore Structure Permit : No

Remarks:

The proposed project involves stream and wetland impacts below the Ordinary High Water Mark (OHWM).

All required waterway permits will be obtained by ODOT prior to the start of construction activities.

Are there any environmental commitments? Yes

### Storm Water Permits

NPDES Construction General Permit for Stormwater (NOI): Yes

Watershed Specific NPDES Construction General Permit for Stormwater (NOI): No



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**Remarks:**

Construction of this project will likely require a total disturbance of approximately 58.6 acres of land surface. Because the proposed improvements will result in greater than 1 acre of earth-disturbing construction activities a Notice of Intent (NOI) will be submitted for this project, per ODOT standard operating procedures, requesting coverage under a National Pollutant Discharge Elimination System (NPDES) general permit for storm water discharges from Ohio EPA.

**Are there any environmental commitments? Yes**

**Floodplains**

**The proposed project involves encroachment within a Special Flood Hazard Area (SFHA) Yes**

**EO 11988/NFIP Coordination and Documentation Completed Yes**

**NFIP Local Floodplain Coordinator Notification Date 04/23/2021**

**Remarks:**

Based on review of the FEMA Flood Insurance Rate Map (FIRM) Community Panels 39085C0039F, 39085C0043F, 39085C0044F, 39085C0042F, 39085C0061F, 39085C0062F, 39085C0066F by Lawhon & Associates, Inc. on September 23, 2019, the project is located within a regulated floodplain.

On April 23, 2021, a letter was sent to the local floodplain coordinator describing the project and confirming that the type of work would not impact the floodplain.

ODOT standard procedures shall be followed to complete the floodplain permitting process prior to plan package being submitted.

- Floodplain map and letter may be found in the project file under Permits/Floodplain

**Are there any environmental commitments? No**

**Landfills**

**Is a 2713 Permit required? Yes**

**Remarks:**

ORPS indicated there are 3 landfills within or near the project from at the project's beginning to approximately STA 1145+00. The OEPA files for 2 of the landfills were not present in Edocs. ODOT is in conversations with OEPA concerning these landfills. ODOT will coordinate with the OEPA to determine if the landfills will have any impacts on the project and if 513 permits are required to build the project.

**Are there any environmental commitments? Yes**



## **Environmental Commitments**

### **General Project Information**

- 1) The contractor must contact the Township, emergency services and the school board two weeks prior to the beginning of construction.

### **ESA**

- 1) The Project Designer shall include a plan note for Petroleum Contaminated Soils (PCS) in the project plans for thirteen sites (19.59 - 10; 24.99 - 3): 2495 North Ridge Road, 2481 North Ridge Road, 2450 North Ridge Road, 2500 North Ridge Road, 2510 North Ridge Road, 2501 North Ridge Road, 3497 North Ridge Road, 4569 North Ridge Road, 4571 North Ridge Road, 5068 North Ridge Road, 5477 North Ridge Road, 5745 North Ridge Road, and 6686 North Ridge Road.
- 2) A RMR Investigation will be conducted for six (19.59 - 4; 24.99 - 2) sites by July 15, 2021: 4089 North Ridge Road, 4681 North Ridge Road, 4825 North Ridge Road, 5030 North Ridge Road, 5909 North Ridge Road, and 6114 North Ridge Road.

### **Ecological**

- 1) Ensure impacts to the federally listed and protected Indiana bat and northern long-eared bat and the State listed and protected little brown bat and tricolored bat are avoided and minimized. Do not remove trees from April 1 through September 30. Perform all tree removal from October 1 through March 31. Demarcate clearing limits in the field to avoid any unauthorized tree clearing. For the purposes of this note, a tree is defined as a live, dying, or dead woody plant, with a trunk three inches or greater in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.
- 2) ODOT will ensure a State permitted malacologist must complete a mussel salvage and relocation in accordance with the most recent version of the Ohio Mussel Survey Protocol prior to the initiation of construction activities below the ordinary high water mark for Red Mill Creek. The District Environmental Coordinator will coordinate the results of the mussel survey, salvage work, or both with ODNR. The Department will ensure the mussel survey and relocation occurs, and approval has been received from ODNR, prior to the Contractor performing work below the ordinary high water mark of Red Mill Creek.

### **Permits - Waterway Permits**

- 1) ODOT will obtain all appropriate waterway permits prior to any work within the jurisdictional boundary of any waterway, including wetlands, and all Waterway Permit Special Provisions will be noted under Special Provisions in the plans and adhered to during construction.

### **Permits - Storm Water Permits**

- 1) ODOT will obtain NPDES Construction General Permit for Stormwater and any associated requirements.

### **Permits - Landfills**

- 1) ODOT will coordinate with the OEPA to determine if the landfills will have any impacts on the project and if 513 permits are required to build the project.



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### **Preparers and Approvals**

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**Supporting Form Preparer(s):** Libby Rushley

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Mark Carpenter (TRANS ENGR 3)	5/13/2021



## Appendix

### General

Aerial Map.pdf  
County Map.pdf  
LAK-20-24.99 Stage 1 Plans.pdf  
STIP Listing.pdf  
TIP Listing.pdf  
USGS Quadrangle Topographical Map.pdf

### ESA

Project Related OES Decision - ESA.pdf

### Cultural Resources

SHPO Comments  
Transmittal 1 - Effect Determination  
Tribal Consultation

### Ecological

Box 86 T-E Species Continued.pdf  
Coordination with ODNR and USFWS.pdf  
ODNR Comments.pdf  
USFWS Comments Consult Form LAK-20-19.49.pdf  
Wetland Finding.docx

### Other Resources

Urbanized Area Map.pdf  
Water Source Protection Area Map.pdf  
Well Log Data.pdf

### Section 6(f)

LWCF Grant Listing.pdf

### Underserved Populations

Census Mapping 2.pdf  
Census Mapping.pdf

### Public Involvement



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Property Owner Notification Letter.pdf

Public Meeting Notification.pdf

Public Meeting Presentation.pdf

Public Notification Mailing List.pdf

Stakeholder Contact List.pdf

Stakeholder Notification.pdf

**Permits**

Correspondence with Local Floodplain Administrator.pdf

FEMA FIRM.pdf