



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

CUY IR 071/US 042 17.51/15.48 LA PID 116404

Environmental Document Level: D1

Approved: 4/27/2022

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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):

(7) Approvals for changes in access control.



General Project Information

Project, Cost Schedule and Work Limits

Project, Cost Schedule and Work Limits

Environmental Document Level:	D1
PID:	116404
Project Name:	CUY IR 071/US 042 17.51/15.48 LA
Project Sponsor:	Cleveland, City of
ODOT District:	12
Funding Source:	Non-Federal
Does this project require a Federal permit or approval?	Yes
Private Funding:	No
Local Public Funding:	Yes
STIP Reference #:	100% Local
The next phase of the proposed project is listed on the STIP	No
Remarks:	100% Local Funds
The current cost estimate is in line with existing federal procedures for Ohio STIP Amendments 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	Yes
Date Completed:	11/17/2021
Project Description:	



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The City of Cleveland in cooperation with the Ohio Department of Transportation (ODOT) proposes to improve mobility with Limited Access Modification to the U.S. Route 42 (West 25th Street), I-71, Metro Health medical complex intersection in the City, Cuyahoga County. The project will construct a fourth lane to the I-71 southbound exit ramp to create a through lane to a new roundabout being constructed under a separate city project.

Traffic will be maintained during construction using part width construction and lane closures.

No permanent or temporary right-of-way will be required for this project. Some utility impacts are anticipated.

There are no jurisdictional water resources in the project area so no USACE permits are required. This project is not located within a special flood hazard area so there will be no impacts to the floodplain. Approximately 0.16 acres of suitable wooded habitat for the federally protected Indiana bat and northern long-eared bat, and state protected tricolored bat and little brown bat all within 100' EOP will be impacted by the project. The project is located within a Gold USFWS bat buffer zone. The project *may affect not likely to adversely affect* these species. A plan note will be included in the project plans to limit tree clearing to between October 1 & March 31. These impacts are described in the Ecological section.

No other environmental, cultural resources, hazardous materials, Section 4(f)/6(f), or underserved population impacts will result from this project.

On March 28, 2022, ODOT issued a press release providing project information to the public and an opportunity (30 days) to comment on the project. Two written comments were received. The comments and responses are described in the Public Involvement section. No revisions to the project design were made based on public comments. ODOT has decided to proceed with the project as currently designed. The environmental document and associated studies are being approved using Stage 3 design. A copy of the plans is included in the project file.

Limits of Proposed Work:	IR-71/US-42 at SLM 17.51/15.48
Start (SLM):	15.48
End (SLM):	15.49
Total Work Length (Miles):	0.01

Roadway Character

Route Number: IR00071

Functional Classification: Principal Arterial - Interstate (Urban)

Current Average Daily Traffic: 7050

Current Average Daily Traffic Year: 2019

Design Year Average Daily Traffic: 7400

Design Average Daily Traffic Year: 2039

Daily Hourly Volume: 630

Truck %: 5

Setting: Urban

Topography: Level



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	Existing:	Proposed:
Design Speed (MPH):	25	25
Legal Speed (MPH):	25	25
Number of Lanes:	4	5
Type of Lanes:	turn	through turn
Pavement Width (ft):	52	64
Shoulder Width (ft):	22	22
Median Width (ft):	10	10
Sidewalk Width (ft):	n/a	n/a

Route Number: US00042

Functional Classification: Principal Arterial - Other (Urban)

Current Average Daily Traffic: n/a

Current Average Daily Traffic Year: n/a

Design Year Average Daily Traffic: n/a

Design Average Daily Traffic Year: n/a

Daily Hourly Volume: n/a

Truck %: n/a

Setting: Urban

Topography: Level

	Existing:	Proposed:
Design Speed (MPH):	25	25
Legal Speed (MPH):	25	25
Number of Lanes:	5	5
Type of Lanes:	through turn	through turn
Pavement Width (ft):	55	55
Shoulder Width (ft):	3	3
Median Width (ft):	n/a	n/a
Sidewalk Width (ft):	5	5

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 No



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. No

Remarks:

Traffic will be maintained on the interstate ramp using part-width construction techniques.

Are there any Environmental Commitments? No

Right of Way and Utility Involvement

The project requires Permanent Right-of-Way No

The project requires Permanent Easement(s) No

The project requires Temporary Right-of-Way No

Right of Way and Utility Involvement

Number of parcels impacted by Permanent Right-of-Way: 0

Number of parcels impacted by Temporary Right-of-Way: 0

Approximate acreage of Permanent Right-of-Way needed: 0

Approximate acreage of Temporary Right-of-Way needed: 0

Electrical lines, gas lines, water lines, sewer lines, phone lines or other utilities exist in the project area Yes

Large scale transmission facilities are located within the project area No

Private utility easements are located within the project area Yes

The existing private utility easement will be impacted by the project No

Coordination with identified utilities has been initiated and/or completed Yes

Remarks:

Utilities in the project area include:
AT&T; AT&T Ohio; CEI First Energy; City of Cleveland Division of Cleveland Public Power, Division of Traffic Engineering, Division of Water, & Division of Water Pollution Control; Dominion Energy Ohio; Northeast Ohio Regional Sewer District; Everstream Solutions; and MCI/Verizon.



Purpose & Need

Purpose & Need

Project History:

MetroHealth hospital is currently undergoing a multi-million dollar project that will transform the main campus and adjacent Clark-Fulton neighborhood. As part of this project, improvements are being made to the streets within the campus. This includes the construction of a connection between West 25th Street (US 42) at the I-71 southbound ramps and Scranton Road at View Road. This connection will provide a direct route for employees to access the new parking garage recently constructed on the campus, and for patients to access proposed new outpatient facilities that are planned in the area of the Scranton Road/View Road intersection.

In 2021, Osborn Engineering prepared an Interchange Operations Study (IOS) for the I-71/US 42 (W. 25th St.) Interchange for MetroHealth. ODOT Office of Roadway Engineering approved the IOS on November 17, 2021. A copy of the approved document has been uploaded to the Project File.

Purpose Statement:

The purpose of this project is to improve mobility between IR-71 and the MetroHealth medical campus.

Need Element(s):

The major redevelopment of the MetroHealth medical campus (new outpatient facilities and new parking structure) has resulted in the internal roadway network within the campus being modified/reconfigured to improve mobility. The existing IR71 southbound offramp lane configuration and assignments onto West 25th Street will result in a Level of Service D during the PM Peak Hour and promote circuitous traffic patterns on West 25th Street and Scranton Road.

Goals and Objectives:

n/a

Summary Statement:

n/a

Logical Termini and Independent Utility:

The logical termini for the proposed project area limits is sufficient to consider the range of alternatives to address the mobility need.

The proposed project does not depend on any other project to meet the established purpose and need. Additionally, this project is independent of any other transportation improvements in the area. Therefore, independent utility is established for the proposed project.



Alternatives

Alternatives

Discuss No Build Alternative:

The No Build Alternative includes only routine maintenance. This alternative would not address the MetroHealth access needs. The No Build Alternative does not meet the project's Purpose & Need.

Was a Feasibility Study completed?

No

Was an Alternative Evaluation Report (AER) completed?

No

Alternatives Considered

Name	Description	Reason Dismissed	Preferred Alternative
Build	Modify L/A, Add lane to exit ramp	Not Dismissed	Yes

Discuss Reasons Alternative Identified as Preferred was selected:

The major redevelopment of the MetroHealth medical campus (new outpatient facilities and new parking structure) has resulted in the internal roadway network within the campus being modified/reconfigured to improve mobility. The existing IR71 southbound offramp lane configuration and assignments onto West 25th Street will result in a Level of Service (LOS) D during the PM Peak Hour and promote circuitous traffic patterns on West 25th Street and Scranton Road. The preferred alternative will modify the SB 71 off ramp onto West 25th Street by adding a through lane to provide access/serve the modified/reconfigured MetroHealth medical campus internal roadway network, thus improving mobility, improving the LOS from a D to a B during the PM Peak Hour, and reducing circuitous traffic patterns along West 25th Street.



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 93.126 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 Cuyahoga County which is a PM 2.5 Nonattainment Area. However, this project is exempt from PM2.5 analysis per 40 CFR 93.126 'safety, safer non-Federal-Aid System roads.'

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 No

Remarks:

Cuyahoga County is in an ozone nonattainment area. This project is 100% locally funded and is exempt from air quality analysis.

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. In addition a Noise Wall already exists at this location between the highway and the noise sensitive areas.

Environmental Commitments

Are there any environmental commitments? No



ESA

ESA

Does the project require any Permanent ROW or Easement?: No

Does the project require any temporary ROW?: No

ESA Screening Report was completed by District Staff No

Remarks:

Lawhon & Associates, Inc. conducted Regulated Materials Review for the project corridor in February 2022 which was conducted in accordance with the Ohio Department of Transportation Office of Environmental Services (ODOT-OES) Regulated Materials Review Manual (2018). As a result of this review, none of the sites warranted further site assessment or special material management. ODOT District 12 concurred with the review and finalized the report on April 4, 2022.

- RMR reports 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)? No



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 Request on March 1, 2022. The request for review provided a records check 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. No OAI or OHI sites were identified within the project area.

Improvements to interchanges and divided highways and general highway modernization activities limited to the existing operational right-of-way are exempt from further cultural resource consideration by the 11/8/17 Cultural Resource PA (Agreement 19319), if the project is not within the boundaries of any historic property or N. R. district.

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: 03/22/2022

Remarks:

In accordance with Stipulation V(C)(1) and Appendix B of the Section 106 Programmatic Agreement executed on November 8, 2017 (Agreement No. 19319), amended on July 11, 2019, ODOT-OES has determined that the proposed project is a type of undertaking that has 'minimal potential to cause effects' to historic properties and is not a part of a larger undertaking.

What is the Section 106 effect determination in the OES Transmittal? Minimal Potential to Cause Effect Appendix B

Archaeological Resource Adverse Effect

History/Architecture Adverse Effect

Tribal Consultation

Since no Tribe was interested in this project based on their customized preferences, no further Tribal consultation was conducted

Environmental Commitments



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Are there any Environmental Commitments? No



Ecological

ESR

ESR Name:	ESR Type:	Coordination Complete Date:
CUY-42-17.51	Level 1	4/22/2022

Wetlands

Based on the results of the ESR(s), no wetlands were observed within the study area(s) for this Environmental Document.

Remarks:

Based on the results of the ESR, no wetlands were observed within the study area.

Streams & Rivers

Based on the results of the ESR(s), no streams were observed within the study area(s) for this Environmental Document.

Remarks:

Based on the results of the ESR, no streams were observed within the study area.

Other Surface Waters / Ditches

ESR Name:	Ditch Id:	Total Impact Area(ac.):
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Total impact to all ditches (ac): 0

Other Surface Waters / Other Water Bodies

ESR Name:	Water Body Id:	Hydrologic Connection:	Type:	Designated Function:	Total Impact
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Remarks:

Based on the results of the ESR, no jurisdictional ditches or other water bodies were observed within the study area.

Terrestrial Habitats

ESR Name:	Vegetative Communities and Land Cover found within the project study area:	Degree of man induced ecological disturbance:	Unique, rare, or high quality:	Within Project Study Area(s) (ac.):	Alternative Impacts (ac.):
CUY-42-17.51	Developed, Low Intensity (DL) - Includes Areas with a Mixture of constructed Materials and Vegetation. Impervious Surfaces Account for 20-49% of Total Cover. These Areas Most Commonly Include Single-Family Housing Units.	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	0.509	0.329
	Upland Forest - UF - (Uplands Dominated by Trees)	Intermediate Disturbance (Dominated by Plants that Typify a Stable Phase of a Native Community that Persists Under Some Disturbance)	No	0.2	0.155

Remarks:

The project's Terrestrial Habitat impacts include 0.329 acres of Developed, Low Intensity land use and 0.155 acres of Upland Forest land cover.

Threatened or Endangered Species / Federally Listed Species

Species Common Name:	Species Scientific Name:	Listing Status:
Indiana Bat	Myotis sodalis	Endangered

ESR Name: CUY-42-17.51

Effect Determination: May Affect, Not Likely to Adversely Affect

Discussion Including impacts to Suitable Habitat:

The project is not located within a USFWS bat buffer. There will be no bridge impacts. There are approximately 0.2 acres of SWH within the study area and 0.155 acre of SWH within the construction limits. All of the SWH was within 100' of EOP. Due to rounding constraints in the ESR form, 0.155 was



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rounded to 0.16 acre. There were no signs of bat habitation during the field survey on 1/13/2022. All tree removal will occur between October 1 and March 31 to protect these species during their summer roosting period.

Species Common Name:	Species Scientific Name:	Listing Status:
Northern Long-eared Bat	<i>Myotis septentrionalis</i>	Threatened

ESR Name: CUY-42-17.51

Effect Determination: May Affect, Not Likely to Adversely Affect

Discussion Including impacts to Suitable Habitat:

The project is not located within a USFWS bat buffer. There will be no bridge impacts. There are approximately 0.2 acres of SWH within the study area and 0.155 acre of SWH within the construction limits. All of the SWH was within 100' of EOP. Due to rounding constraints in the ESR form, 0.155 was rounded to 0.16 acre. There were no signs of bat habitation during the field survey on 1/13/2022. All tree removal will occur between October 1 and March 31 to protect these species during their summer roosting period.

Species Common Name:	Species Scientific Name:	Listing Status:
Bald Eagle	<i>Haliaeetus leucocephalus</i>	Species of Concern

ESR Name: CUY-42-17.51

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

There are no mature trees or sources of open water within the study area. None of the trees observed would be large enough to sustain a bald eagle nest, and no individuals or nests were observed during the field survey on 1/13/2022.

Species Common Name:	Species Scientific Name:	Listing Status:
Piping Plover	<i>Charadrius melodus</i>	Endangered

ESR Name: CUY-42-17.51

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

The study area contains only developed right-of-way and is not suitable habitat for piping plover. Impacts to this species are not expected.

Species Common Name:	Species Scientific Name:	Listing Status:
Rufa Red Knot	<i>Calidris canutus rufa</i>	Threatened



ESR Name: CUY-42-17.51

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

The study area contains only developed right-of-way and is not suitable habitat for rufa red knot. Impacts to this species are not expected.

Threatened or Endangered Species / State Listed Species:

No state listed species or suitable habitats are impacted by this project location.

ESR Name: CUY-42-17.51

Species Common Name: Little brown bat

Species Scientific Name: *Myotis lucifugus*

Listing Status: Endangered

The species or its suitable habitat will be impacted by this project: Yes

Effect Determination: Yes

Discussion Including impacts to Suitable Habitat:

There are approximately 0.2 acres of wooded habitat within the study area and approximately 0.16 acre of wooded habitat within the construction limits. There were no signs of bat habitation during the field survey on 1/13/2022. All tree removal will occur between October 1 and March 31 when the species would not be present.

Species Common Name: Tricolored bat

Species Scientific Name: *Perimyotis subflavus*

Listing Status: Endangered

The species or its suitable habitat will be impacted by this project: Yes

Effect Determination: Yes

Discussion Including impacts to Suitable Habitat:

There are approximately 0.2 acres of wooded habitat within the study area and approximately 0.16 acre of wooded habitat within the construction limits. There were no signs of bat habitation during the field survey on 1/13/2022. All tree removal will occur between October 1 and March 31 when the species would not be present.

Species Common Name: Smooth greensnake

Species Scientific Name: *Opheodrys vernalis*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact



Species Common Name: Upland sandpiper

Species Scientific Name: *Bartramia longicauda*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: American bittern

Species Scientific Name: *Botaurus lentiginosus*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Trumpeter swan

Species Scientific Name: *Cygnus buccinator*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Sandhill crane

Species Scientific Name: *Grus canadensis*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Least bittern

Species Scientific Name: *Ixobrychus exilis*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Black-crowned night-heron



Species Scientific Name: *Nycticorax nycticorax*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Spotted turtle

Species Scientific Name: *Clemmys guttata*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Blanding's turtle

Species Scientific Name: *Emydoidea blandingii*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Bigmouth shiner

Species Scientific Name: *Notropis dorsalis*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Lake sturgeon

Species Scientific Name: *Acipenser fulvescens*

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: Channel darter

Species Scientific Name: *Percina copelandi*

Listing Status: Not Provided - No impact to this species



The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Species Common Name: King rail

Species Scientific Name: Rallus elegans

Listing Status: Not Provided - No impact to this species

The species or its suitable habitat will be impacted by this project: No

Effect Determination: No Impact

Remarks:

Indiana Bat (*Myotis sodalis*); Status - Endangered; Effect Determination - May Affect, Not Likely to Adversely Affect Northern Long-eared Bat (*Myotis septentrionalis*); Status - Threatened[Effect Determination - May Affect, Not Likely to Adversely Affect Bald Eagle (*Haliaeetus leucocephalus*); Status - Species of Concern; Effect Determination - No Effect Piping Plover (*Charadrius melodus*); Status - Endangered; Effect Determination - No Effect Rufa Red Knot (*Calidris canutus rufa*); Status - Threatened; Effect Determination - No Effect The project is not located within a USFWS bat buffer. There are approximately 0.2 acres of SWH within the study area and 0.155 acres of SWH within the construction limits. All of the SWH was within 100' of EOP. Due to the rounding constraints in the ESR form, 0.155 was rounded to 0.16 acres. There were no signs of bat habitation during the field survey on 1/13/2022. All tree removal will occur between October 1 and March 31 to protect these species during their summer roosting period.

Agency Coordination

Project Coordination:

Project locations for which no agencies are listed are considered ecologically exempt or non-notifying.

The ODNR and USFWS conditions outlined in the Ecological MOA apply to all projects that are not considered ecologically exempt. These conditions have been evaluated for the project locations listed below.

ESR Name:	Agency:	Submitted for Coordination Date:	Coordination Complete Date:	Were project specific comments received?
CUY-42-17.51	USFWS	4/8/2022	04/22/2022	No

Additional Coordination Considerations:

Are other ecological coordination requirements applicable? No



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Remarks:

No other ecological coordination requirements applicable.

Are there any environmental commitments? Yes



Other Resources

Farmlands

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 658. No further coordination is required.

FCIR Required Completion of the Farmland Conversion Impact Form is required and coordination with USDA & NRCS 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.

- Urbanized Area Map maybe 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	No	

Remarks:



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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.

Well locations near the project limits were mapped from ODNR Ground Water Mapping and Technical Services' website. One well is located adjacent to the project in the northwest quadrant of the intersection and several other wells are located within 1/4 mile of 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:

Review of available maps and property ownership records by Lawhon & Associates, Inc. did not identify any public parks, recreation areas, wildlife or waterfowl refuges, or historic sites within the project study area. The project will not impact any known Section 4(f) properties.

Are there any environmental commitments? No



Section 6(f)

Section 6(f) Determination

Section 6(f) Determination

	Present:	Impacted:
6(f) Properties:	No	

Remarks:

Research of The Wilderness Society website <https://www.wilderness.org/articles/article/mapping-land-and-water-conservation-fund-lwcf> 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.

- Section 6(f) documentation can be found in the project file under Section 6(f)

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 and regional development patterns. It will improve access from IR 71 to the MetroHealth medical complex.

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

Remarks:

The proposed ramp work and improved access to MetroHealth will not result in substantial negative impacts to community cohesion. The ramp will remain open during construction.

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 with more direct access from IR 71 to the MetroHealth medical complex.

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. The ramp will remain open during construction. The proposed project will improve access from IR 71 to the MetroHealth medical complex.

Will the proposed action displace residents, businesses, institutions or farms? No

Remarks:

No displacements will be required for the proposed project.

Are there any Environmental Commitments? No



Underserved Populations

Underserved Populations

Identified Underserved Populations

Census Block Group #	% Minority	% Low Income	% Older Adults	% Limited English Proficiency (LEP)
390351049004	59	57	15	13

Are Underserved Populations located within and/or adjacent to the proposed project area? Yes

Are there any relocations? No

Will there be changes to access? Yes

Will access to shopping, bus stops, schools, jobs, recreational resources, community centers, etc. be diminished or completely restricted on a permanent basis for an Underserved Population? No

Will man-made dividers such as an overpass, bridge, 4-lane or greater roadway or railroad negatively impact the extent to which a community feels connected or cohesive for an Underserved Population? No

Will access to or use of the transportation improvement be denied to any Underserved Populations (for reasons such as cost to use, ability to access, etc.)? 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 other Underserved Populations (Limited English Proficiency, Older Adults, or Individuals with Disabilities) raised during Public Involvement? No

Remarks:



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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.

- Census mapping may be found in the project file under Underserved Populations.

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)

ODOT District 12 created a project website under ODOT's project page and issued a press release on March 28, 2022.

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.

The comment period was from March 28 through April 23, 2022.

Two email comments were received during the public comment period. The first comment was in regards to sidewalks not related to the L/A access change. ODOT responded via email on April 7, 2022. The second comment was in regards to the roundabout not related to the L/A access change. ODOT responded via email on April 25, 2022. A copy of the comments and responses were uploaded to the Project File.

Are there any Environmental Commitments? No



Permits

Waterway Permits

Are Waterway Permits required? No

ODNR

Shore Structure Permit : No

Remarks:

There are no jurisdictional water resources in the project area so no USACE permits are required.

Are there any environmental commitments? No

Storm Water Permits

NPDES Construction General Permit for Stormwater (NOI): No

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

Remarks:

Construction of this project will likely require a total disturbance of approximately 0.8 acres of land surface. Less than 1.0 acres of earth disturbed area (EDA) is anticipated as a result of project construction, therefore, the filing of a Notice of Intent (NOI) application and approved National Pollutant Discharge Elimination System (NPDES) Permit from the OEPA will not be required for the project.

Are there any environmental commitments? No

Floodplains

The proposed project involves encroachment within a Special Flood Hazard Area (SFHA) No

Remarks:

Based upon review of the FEMA Flood Insurance Rate Map (FIRM) Community Panel 39035C0179E by Lawhon & Associates, Inc. on March 28, 2022, the project is not located within any regulated floodplain.

- The FIRM can be found in the project file under Permits/Floodplain

Are there any environmental commitments? No

Landfills

Is a 2713 Permit required? No

Remarks:



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Based upon regulated materials studies conducted by Lawhon & Associates, Inc. there are no landfills located within the project area. No permit is required.

Are there any environmental commitments? No



Environmental Commitments

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 necessary 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.



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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Mark Carpenter (TRANS ENGR 3)	4/27/2022



Appendix

General

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Air

District Determination - No Air Analysis Required.pdf

Noise

District Determination - No Noise Analysis Required.pdf

Cultural Resources

Minimal Potential to Cause Effect - Appendix B

Records Check.pdf

Section 106 Scoping Request Form.pdf

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Urbanized Area Map.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Underserved Populations

Census Mapping.pdf

Permits

FEMA FIRM.pdf