



OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 02
317 E. POE RD. • BOWLING GREEN, OH 43402 • 419-353-8131

Environmental Document

for

LUC US 20A 9.77 Roundabout PID 116068

Environmental Document Level: D1

Approved: 6/25/2024

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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.

Table of Contents

Project Type.....	3
General Project Information.....	4
Purpose & Need.....	7
Alternatives.....	9
Air.....	10
Noise.....	12
RMR.....	13
Cultural Resources.....	14
Ecological.....	16
Other Resources.....	26
Section 4(f).....	28
Section 6(f).....	29
Community Impacts.....	30
Environmental Justice.....	32
Public Involvement.....	33
Permits.....	35
Environmental Commitments.....	36
Preparers and Approvals.....	39
Appendix.....	41



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

Project Type

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



General Project Information

Project, Cost Schedule and Work Limits

Environmental Document Level: D1
PID: 116068
Project Name: LUC US 20A 9.77 Roundabout
Project Sponsor: DISTRICT 2 ENGINEERING
ODOT District: 2
Funding Source: Federal
The next phase of the proposed project is listed on the STIP Yes

Ellis STIP Details

Phase	Current STIP Reference
ENV	On Previous STIP
RW	116068: 24-27 STIP
CO	116068: 24-27 STIP
DD	116068: 24-27 STIP

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

Project Description:

The Ohio Department of Transportation (ODOT) is proposing to construct a roundabout at the existing intersection of US Route 20A (US 20A, Maumee Western Road) and Strayer Road in Monclova Township, Lucas County, Ohio. Roadway improvements also include pavement reconstruction, drainage enhancements, lighting, and traffic control. The existing intersection of US Route 20A (US 20A, Maumee Western Road) and Strayer Road is a 4-leg intersection with a single stop sign on both the northbound and southbound approaches of Strayer Road to US 20A. Both Strayer Road and US 20A are two-lane roadways with no turn lanes at the intersection. US 20A has a speed limit of 55 miles per hour (mph) and Strayer Road has a speed limit of 45 mph north of US 20A and 25 mph south of US 20A. The southbound approach of Strayer Road has a "stop ahead" sign located in advance of the intersection. Strayer Road intersects US 20A on a 10 degree skew and there is a single family residence located immediately northwest of the intersection. The project is located in a transitional zone between residential neighborhoods to the north and west and commercial and light industrial development to the south and east. There are no pedestrian facilities or transit stops located in the immediate project area. A new interchange with US 20A and Interstate 475 is currently under construction, approximately 0.55 mile east of the US 20A intersection with Strayer Road. A Safety Study was completed in August of 2020 and the project received safety funds in September of 2021.

Limits of Proposed Work: Intersection of US 20A and Strayer Rd. in Lucas County
Start (SLM): 9.77
End (SLM): 9.93
Total Work Length (Miles): 0.16



Roadway Character

Route Number: US00020

Functional Classification: Minor Arterial (Urban)

Current Average Daily Traffic: 7300

Current Average Daily Traffic Year: 2026

Design Year Average Daily Traffic: 8000

Design Average Daily Traffic Year: 2046

Daily Hourly Volume: 800

Truck %: 8

Setting: Urban

Topography: Level

	Existing:	Proposed:
Design Speed (MPH):	60	60
Legal Speed (MPH):	55	55
Number of Lanes:	2	2
Type of Lanes:	Through	Through
Pavement Width (ft):	10	12
Shoulder Width (ft):	4	4
Median Width (ft):	N/A	N/A
Sidewalk Width (ft):	N/A	N/A

No bridge data for PIDs associated with this CE Form

Maintenance of Traffic During Construction

A roadway, bridge or ramp closure is required Yes

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 No

Provisions for through-traffic dependent businesses will be incorporated into project design No

Provisions to accommodate any local special events or festivals will be incorporated into project design No

The proposed MOT substantially impacts sensitive environmental resources No

Substantial controversy is associated with the proposed MOT No



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

Coordination has been initiated and/or completed with local emergency services, schools, public institutions/facilities, etc. Yes

Remarks:

Construction is anticipated to begin in spring of 2026 and last approximately six months. The road will be closed, and a detour will be necessary during construction. US 20A traffic will be rerouted using Interstate 475 and State Route 2 (Airport Highway). Strayer Road traffic will be rerouted using Briarfield Boulevard to the east and Butz Road to the west. Access to all adjacent properties will be maintained at all times during construction.

Local emergency services, schools, public institutions/facilities were included in the public involvement for the project. No comments were received regarding maintenance of traffic or access.

Are there any Environmental Commitments? No

Right of Way and Utility Involvement

The project requires Permanent Right-of-Way Yes

The project requires Permanent Easement(s) No

The project requires Temporary Right-of-Way Yes

Number of parcels impacted by Permanent Right-of-Way: 4

Number of parcels impacted by Temporary Right-of-Way: 1

Approximate acreage of Permanent Right-of-Way needed: 0.904

Approximate acreage of Temporary Right-of-Way needed: 0.159

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 No

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

Remarks:

All utilities listed on the project plans or identified during construction will be relocated or adjusted by the owner of the utility. All utility work shall be coordinated between the contractor and the utility owners in such a way as to avoid and/or minimize any inconvenience to potentially affected customers. All utility work not included in this contract shall be performed by the affected utility owner or its contractor and will be compliant with ODOT roadway design standards. Utility coordination will be ongoing throughout construction of the project.



Purpose & Need

Purpose & Need

Project History:

The US 20A (Maumee Western Road) and Strayer Road intersection serves as an access point for multiple residential developments located nearby. Residences located south of the study intersection can access US 20A eastbound and westbound via Strayer Road. Motorists can also utilize the intersection of US 20A and Coder Road, located approximately ¼ mile west of the study intersection; however, due to poor sight distance at the US 20A/Coder Road intersection, motorists are restricted to making right turns only onto eastbound US 20A. This restriction forces motorists destined for westbound US 20A to use the Strayer Road intersection.

The intersection is located approximately 3,400' (0.64 mile) west of Interstate 475 (I-475). There is currently a project under construction to install a new interchange at US 20A and I-475. It is anticipated that the new interchange will increase the traffic volumes on US 20A west of I-475 by 62% for westbound traffic and 27% for eastbound traffic. Details of the LUC IR 475 1.85 @20A Interchange project can be found in Environet under PID 99731.

District 2 has been studying the intersection of US 20A and Strayer Road for several years. District 2 Planning and Engineering reviewed the sight distance at the intersection in July 2019. A speed study was conducted along US 20A from Wren's Nest Blvd to Strayer Road in May 2020. These components, along with a traffic analysis, are included in a Safety Study that was completed for the intersection in September 2021 to evaluate the existing safety conditions and to identify potential countermeasures.

- *A copy of the Safety Study can be found in the Project File under General/PDP/Safety Study.*

Purpose Statement:

The purpose of the project is to improve safety at the intersection of US 20A and Strayer Road.

Need Element(s):



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

A primary need for the project is safety. Crash data for 2018-2020 were analyzed as part of the 2021 Safety Study. Over the 3 year period, there were a total of 7 crashes at the intersection of US 20A and Strayer Road. Of these crashes, 71% occurred on dry pavement and 86% occurred during daylight hours. Five (72%) of the crashes were angle type crashes and six (86%) of the crashes involved injury. There were no fatalities at this intersection during the three year period. The primary contributing factor (44%) was failure to yield. A comparison of crash type percentages to the 2010-2014 statewide average for similar roadways reveals that this intersection exceeds the statewide average by a wide margin.

Crash type	Number of crashes	Percent of crashes	Statewide average
Injury crashes	6	86%	26%
Angle crashes	5	72%	16%

Another primary need element for the project is facility deficiency. District 2 reviewed the sight distance at the intersection in July 2019. Based on a speed limit of 55 mph along US 20A it was determined that the sight distance for southbound Strayer Road looking west does not meet the minimum sight distance per the Location and Design Manual, Volume 1. Intersection warning signs were installed along US 20A in advance of the intersection in late August 2019. However, crash data for the 2018-2020 period do not indicate a reduction in crashes following the addition of warning signs.

Year	Number of crashes
2018	2
2019	2
2020	3

Possible safety concerns identified as part of the 2021 Safety Study include:

- Motorists on Strayer Road accept insufficient gaps to cross or enter the traffic flow on US-20A. As drivers fail to find sufficient gaps, they become impatient and perform unsafe turning/crossing maneuvers, causing angle crashes.
- Motorists on southbound Strayer Road may have difficulty navigating the intersection due to the limited sight distance when stopped and looking west, given a speed limit of 55 mph for traffic on US 20A. However, the May 2020 speed study concluded that the current 55 mph speed limit was a reasonable and safe speed for this segment of roadway.
- Driver distraction and driver inattention.

There are no secondary need elements associated with this project.

Goals and Objectives:

N/A

Summary Statement:

The purpose of the project is to improve safety at the intersection of US 20A and Strayer Road. The existing intersection experiences injury and angle crash rates higher than the state average. A 2021 Safety Study concluded that motorists on Strayer Road accept insufficient gaps to cross or enter the traffic flow on US 20A, and that the sight distance for southbound Strayer Road traffic looking west on US 20A is insufficient for a 55 mile per hour roadway. Increased traffic from the new I-475 interchange to the west could cause additional difficulty for motorists on Strayer Road to find gaps on US 20A to enter the traffic flow.

Logical Termini and Independent Utility:

Logical termini are defined as the rational end points for the transportation undertaking and for the review of environmental impacts. The logical termini must facilitate the consideration of multiple alternatives to address the safety concerns at the intersection. Based on the potential countermeasures considered as part of the 2021 Safety Study, the logical termini for the project extend approximately 450' east and west of Strayer Road on US 20A, and approximately 350' north and south of US 20A on Strayer Road.

This proposed transportation project can be constructed without relying on other projects to be constructed within or adjacent to the project area. It does not depend on any other transportation projects to meet the established Purpose and Need. Independent utility is established.



Alternatives

Alternatives

Discuss No Build Alternative:

The No Build Alternative includes no work. This alternative would not address the safety deficiencies at the intersection of US 20A and Strayer Road. 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
No Build	No work	Does not meet the purpose and need	No
Roundabout	Includes constructing a roundabout at the existing intersection of US 20A (Maumee Western Road) and Strayer Road.	Was not dismissed	Yes

Discuss Reasons Alternative Identified as Preferred was selected:

The No Build alternative does not meet the purpose and need. The existing intersection experiences injury and angle crash rates higher than the state average. A 2021 Safety Study concluded that motorists on Strayer Road accept insufficient gaps to cross or enter the traffic flow on US 20A, and that the sight distance for southbound Strayer Road traffic looking west on US 20A is insufficient for a 55 mile per hour roadway. Increased traffic from the new I-475 interchange to the west could cause additional difficulty for motorists on Strayer Road to find gaps on US 20A to enter the traffic flow. The Roundabout alternative was chosen as it meets the purpose and need of the project.



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	No
The proposed project involves adding capacity, a new interchange, relocating thru lanes significantly closer to sensitive areas, or expanding an intermodal center	No
Design Year ADT is <140,000	Yes

Remarks:

This project does not add capacity, a new interchange, or a new road on new 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	No
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Remarks:

Lucas County is not in a PM 2.5 non-attainment or maintenance area, therefore, a PM 2.5 analysis is not required.

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:

Lucas County is in an Ozone maintenance area based on the 1997 Standard. However, the project is listed on the Statewide Transportation Improvement Program (STIP), which is subject to regional conformity standards. Therefore, Ozone is addressed.

- A copy of the STIP has been uploaded to the Project File under General / Project Information / STIP Listing.

Greenhouse Gas



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

A Quantitative Greenhouse Gas (GHG) Analysis is required

No

Remarks:

The proposed project involves transforming the current minor road stop controlled intersection into a single lane roundabout and will not result in meaningful changes to traffic volumes, vehicle mix, location of the existing facility, or other factors that would cause an increase in vehicle emissions relative to the no-build alternative. A quantitative greenhouse gas analysis is not required.

Environmental Commitments

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:

Noise sensitive land uses within 500 feet of the proposed project area consist of residential properties. 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) therefore a noise analysis is not required for the project under 23 CFR 772.

Environmental Commitments

Are there any environmental commitments? No



RMR

Does the project require any Permanent ROW or Easement? Yes

RMR Screening was completed by District Staff: Yes

Date when It was completed: 09/07/2023

Date of RMR Screening IOC from OES: 09/08/2023

Do any sites require a RMR Assessment, RMR Investigation, or plan note according to the IOC from OES? No

Remarks:

A Regulated Materials Review Screening was prepared by EMH&T on 9/7/2023. On 9/8/2023, District 2 staff determined that no further environmental site assessment or special material management are warranted for this project.

- A copy of the RMR Screening has been uploaded to the Project File under ESA / Reports / Regulated Materials Review Form.
- A copy of the Project Related District Decision has been uploaded to the Project File under ESA / Project Information / District Recommendations- Screening.

Landfills

Is a Rule 513 Authorization required? No

Remarks:

Based on a review of the ORPS database as part of the RMR screening, the project is not located within or adjacent to any landfills or hazardous waste storage facilities.

- A copy of the ORPS database has been uploaded to the Project File under RMR/Project Information/Environmental Database Search Results.

Are there any environmental commitments? No

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.):

A Section 106 Scoping Request form was prepared by EMH&T and submitted on August 10, 2023. The request for review included a review of electronic data from Ohio's State Historic Preservation Office (OSHP) GIS database. The GIS database identifies properties listed on or eligible for the National Register of Historic Places (NRHP), Ohio Historic Inventory (OHI) buildings and structures, Ohio Archaeological Inventory (OAI) sites, as well as properties that have previously received a Determination of Eligibility (DOE). No previously recorded resources were identified in the project area. ODOT OES prepared an archaeological Field Review Summary, dated November 2, 2023. Because of the dearth of inventoried archaeological sites occurring in this setting, observed disturbance from utility installation, and because no archaeological materials were identified via surface collection, no additional archaeological investigations were recommended as a result of the review. ODOT OES prepared a Summary of History/Architecture Review, dated December 14, 2023. The History/Architecture survey identified a parcel containing a house and detached garage, identified as 6830 Maumee Western Road, over 50 years of age as a resource in the Area of Potential Effects (APE). Based on the scope and the review of the project APE, no additional research was recommended and no NRHP-listed or eligible history/architecture resources will be affected by the project as a result of the review. Based on the results of the cultural resource reviews, no further cultural resource investigations are warranted.

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

OES Approval/OSHP) Concurrence Date: 12/15/2023

Remarks:

In accordance with 36 CFR 800.4(d)(1) and the Section 106 Programmatic Agreement (Agreement No. 19319), ODOT-OES determined no historic properties will be affected by the proposed project. No NRHP-qualified structures or properties are located in the APE and no further research is recommended.

- Details of the Cultural Resources Determination can be found in the Cultural Resources Tab under Cultural Resource Coordination.

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

Potential consulting parties were contacted: No

Documentation Date

Participating

Archaeological Resource Adverse Effect

History/Architecture Adverse Effect

Tribal Consultation



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

Tribal Consultation Summary/Remarks:

Tribal coordination was conducted on December 15, 2023 with the Delaware Nation, Delaware Tribe of Oklahoma, Miami Tribe of Oklahoma, and Shawnee Tribe. No objection was received within 30 days of the notification from the Delaware Nation, Delaware Tribe of Oklahoma and the Shawnee Tribe.

Miami Tribe offers no objection to the project. See the Tribal Comments-Miami Tribe correspondence, dated February 9, 2024, with its comments on the project in the Project File/Cultural Resources/Coordination subsection.

Environmental Commitments

Are there any Environmental Commitments? No



Ecological

ESR

ESR Name:	ESR Type:	Coordination Complete Date:
LUC-20A-9.75 Roundabout	Level 1	9/28/2023

Wetlands

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

Remarks:

The Level 1 Ecological Survey Report field investigation on July 6, 2023 did not identify wetlands within the study area. Therefore, the proposed project does not involve any impacts to wetlands.

Streams & Rivers

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

Remarks:

The Level 1 Ecological Survey Report field investigation on July 6, 2023 did not identify any streams within the study area. Therefore, the proposed project does not involve any impacts to streams.

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



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

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

The Level 1 Ecological Survey Report field investigation on July 6, 2023 did not identify other surface waters within the study area. Therefore, the proposed project does not involve any impacts to potentially jurisdictional ditches or ponds.

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.):
LUC-20A-9.75 Roundabout	Developed Open Space - DS - (Mown Right-of-Way, Large-Lot Single-Family Housing Units, Parks, Golf Courses, and Vegetation Planted in Developed Settings for Recreation, Erosion control, or Aesthetic Purposes)	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	2.19	1.53
	Cultivated Crops - CC - (Annual Crops, All Land Being Actively Tilled, and Perennial Woody Crops Such as Orchards and Vineyards)	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	1.40	0.55
	Other - Describe Under Additional Information	Extreme Disturbance/Ruderal Community (Dominated by Opportunistic Invaders or Native Highly Tolerant Taxa)	No	1.17	1.08
	Scrub/Shrub - SS - (True Shrubs, and Young Trees in an Early Successional Stage)	High Disturbance (Dominated by Widespread Taxa Not Typical of a Particular Community)	No	0.15	0

Remarks:

No high quality or unique vegetation is located in the project area. The vegetative communities identified within the proposed project area demonstrate high to extreme disturbance levels due to previous roadway construction, mowing and other maintenance activities, and agriculture.

Threatened or Endangered Species / Federally Listed Species



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

Species Common Name:	Species Scientific Name:	Listing Status:
Indiana Bat	<i>Myotis sodalis</i>	Endangered

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: May Affect, Not Likely to Adversely Affect

Discussion Including impacts to Suitable Habitat:

Three (3) trees were observed within the construction limits and one (1) additional tree on the northwest corner will also be impacted as the property it is located on is expected to be a full take with demolition in the preferred alternative. Therefore, a total of four (4) trees will be cleared for the construction of the roundabout as can be seen in Appendix 1 (Exhibit 3). The two (2) trees along the north side of US Hwy 20A and furthest west of Strayer Road are young hickory trees that possess exfoliating bark, a suitable roosting characteristic for bats. The other two (2) trees do not possess any suitable roosting characteristics but are within 1,000 feet of forested areas and are connected to nearby forested patches. Therefore, these trees would be considered suitable wooded habitat for bats. No impacts will occur beyond 100 feet of EOP. No caves or mine openings were observed during the field investigation. No culverts large enough to provide potential roosting habitat or bridges over water exist in the project area. The project is not located within a USFWS bat buffer. Photographs of the trees are included in Appendix 2 (Photo Nos. 16-18). 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>	Endangered

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: May Affect, Not Likely to Adversely Affect

Discussion Including impacts to Suitable Habitat:

Three (3) trees were observed within the construction limits and one (1) additional tree on the northwest corner will also be impacted as the property it is located on is expected to be a full take with demolition in the preferred alternative. Therefore, a total of four (4) trees will be cleared for the construction of the roundabout as can be seen in Appendix 1 (Exhibit 3). The two (2) trees along the north side of US Hwy 20A and furthest west of Strayer Road are young hickory trees that possess exfoliating bark, a suitable roosting characteristic for bats. The other two (2) trees do not possess any suitable roosting characteristics but are within 1,000 feet of forested areas and are connected to nearby forested patches. Therefore, these trees would be considered suitable wooded habitat for bats. No impacts will occur beyond 100 feet of EOP. No caves or mine openings were observed during the field investigation. No culverts large enough to provide potential roosting habitat or bridges over water exist in the project area. The project is not located within a USFWS bat buffer. Photographs of the trees are included in Appendix 2 (Photo Nos. 16-18). 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



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No mature forest adjacent to open water that would provide suitable habitat for a bald eagle was observed within the study area. No eagles or eagle nests were observed within or adjacent to the study area during the field investigation on 7/6/2023. According to USFWS, there are no known bald eagle nests within 0.5 mile of the project study area.

Species Common Name:	Species Scientific Name:	Listing Status:
Eastern Massasauga	Sistrurus catenatus	Threatened

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No wetland habitats were observed within or around the project study area. Furthermore, no adjoining lowland and upland habitat with variable elevations was present either. According to the USFWS, the project area is not within an Eastern massasauga range polygon.

Species Common Name:	Species Scientific Name:	Listing Status:
Eastern Prairie Fringed Orchid	Platanthera leucophaea	Threatened

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No suitable open habitats such as mesic prairie or open wetland was observed within the study area.

Species Common Name:	Species Scientific Name:	Listing Status:
Karner Blue Butterfly	Lycaeides melissa samuelis	Endangered

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No suitable wetland or prairie habitat was observed within the study area. No wild lupine was observed within the study area.

Species Common Name:	Species Scientific Name:	Listing Status:
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Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

Piping Plover	Charadrius melodus	Endangered
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ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No open sandy beaches, rocky shores, small creeks or wetlands were observed within the study area. This project is not within or directly adjacent to designated habitat for piping plovers.

Species Common Name:	Species Scientific Name:	Listing Status:
Rayed Bean	Villosa fabalis	Endangered

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

No streams were observed within the study area and therefore no suitable habitat for this mussel species is present within the project impact limits.

Species Common Name:	Species Scientific Name:	Listing Status:
Rufa Red Knot	Calidris canutus rufa	Threatened

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: No Effect

Discussion Including impacts to Suitable Habitat:

This project is not located along the shore of Lake Erie and therefore does not contain suitable migratory stop-over habitat for the Rufa Red Knot.

Species Common Name:	Species Scientific Name:	Listing Status:
Tricolored Bat	Perimyotis subflavus	Proposed Endangered

ESR Name: LUC-20A-9.75 Roundabout

Effect Determination: May Affect, Not Likely to Adversely Affect

Discussion Including impacts to Suitable Habitat:

Three (3) trees were observed within the construction limits and one (1) additional tree on the northwest corner will also be impacted as the property it is located on is expected to be a full take with demolition in the preferred alternative. Therefore, a total of four (4) trees will be cleared for the construction of the roundabout as can be seen in Appendix 1 (Exhibit 3). The two (2) trees along the north side of US Hwy 20A and furthest west of Strayer Road are young hickory trees that possess exfoliating bark and living clusters of leaves, a roosting characteristic for bats. The other two (2) trees do not possess any roosting characteristics but are within 1,000 feet of forested areas and are connected to nearby forested patches. Therefore, these trees would be considered wooded habitat for bats. No impacts will occur beyond 100



Approved: 6/25/2024

feet of EOP. No caves or mine openings were observed during the field investigation. No culverts large enough to provide potential roosting habitat or bridges over water exist in the project area. The only structure within the project area is a residential home, which is currently occupied. The project is not located within a USFWS bat buffer. Photographs of the trees are included in Appendix 2 (Photo Nos. 16-18). Tree removal will only occur between October 1 and March 31 when this species would not be present. All of the pertinent AMMs listed in the OHPBO for Indiana bat and Northern long-eared bat will be followed, which will also protect this species from take. This project May Affect this species but is not going to jeopardize the continued existence of the species. Per the 11/15/2022 letter from USFWS outlining conferencing requirements for this species, this project does not need to be submitted for individual conferencing.

Threatened or Endangered Species / State Listed Species:

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

ESR Name: LUC-20A-9.75 Roundabout

Species Common Name: Slippershell mussel

Species Scientific Name: *Alasmodonta viridis*

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: Deertoe mussel

Species Scientific Name: *Truncillia truncata*

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: Rainbow mussel

Species Scientific Name: *Villosa iris*

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: Little brown bat

Species Scientific Name: *Myotis lucifugus*

Listing Status: Endangered



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

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

Effect Determination: Yes

Discussion Including impacts to Suitable Habitat:

Three (3) trees were observed within the construction limits and one (1) additional tree on the northwest corner will also be impacted as the property it is located on is expected to be a full take with demolition in the preferred alternative. Therefore, a total of four (4) trees will be cleared for the construction of the roundabout as can be seen in Appendix 1 (Exhibit 3). The two (2) trees along the north side of US Hwy 20A and furthest west of Strayer Road are young hickory trees that possess exfoliating bark and living clusters of leaves, a roosting characteristic for bats. No caves or mine openings were observed during the field investigation. No culverts large enough to provide potential roosting habitat or bridges over water exist in the project area. The only structure within the project area is a residential home, which is currently occupied. Winter tree clearing will be implemented and all trees will be cleared between October 1st and March 31st. Photographs of the trees are included in Appendix 2 (Photo Nos. 16-18).

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: Spotted turtle

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: Kirtland's snake

Species Scientific Name: Clonophis kirtlandii

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: Blue-spotted salamander

Species Scientific Name: Ambystoma laterale

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: Black tern

Species Scientific Name: *Chlidonias niger*

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: Common tern

Species Scientific Name: *Sterna hirundo*

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

Species Common Name: Lark sparrow

Species Scientific Name: *Chondestes grammacus*

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*



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

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: Northern harrier

Species Scientific Name: *Circus cyaneus*

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

Remarks:

Effect determinations for threatened and endangered species were completed for this project. The project may affect, but is not likely to adversely affect, listed bat species as described in the Ecological Tab in the



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

Project File. No effect to any other state or federally listed species is anticipated.

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?
LUC-20A-9.75 Roundabout	USFWS	9/14/2023	09/28/2023	No

Additional Coordination Considerations:

Are other ecological coordination requirements applicable? No

Remarks:

There are no other ecological coordination requirements applicable.

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 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. Based on the scope and type of work, 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 Farmland (Agreement No. 19552)*, executed on March 15, 2016. Therefore, completion of the Farmland Conversion Impact Rating (FCIR) Form was not warranted and no further coordination is required.

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	Yes

Remarks:



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

The Ohio EPA Drinking Water Source Protection Areas online mapping system was consulted regarding the location of known public water systems, water source protection areas, or other drinking water resources within or adjacent to the proposed project area. The project is not located within a drinking water source protection area or within a federally-designated sole source aquifer.

The Ohio EPA Drinking and Ground Water maps can be found in the Project File under Other Resources/Drinking Water/Water Source Protection Area Map.pdf.

Based on review of ODNR's Division of Geological Survey Water Wells Map, a water well is located within the residential parcel located at 6830 Maumee Western Road (US 20A). A total take of this property will occur due to direct conflict of the existing house and garage with the proposed roundabout project. Because this well will no longer be in use, the well will be properly abandoned in accordance with the ODNR Technical Guidance for Sealing Unused Wells. The ODNR Water Well mapping can be found in the Project File under Other Resources/Drinking Water/Water Well Map.pdf.

Are there any environmental commitments? Yes



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:

Based on a review of aerial maps and the field investigation, no publicly owned parks, recreation areas, wildlife and waterfowl refuges, or public or privately owned historic sites were identified within and/or adjacent to the proposed project area. No additional coordination is required.

Are there any environmental commitments? No



Section 6(f)

Section 6(f) Determination

Section 6(f) Determination

Present:		Impacted:
6(f) Properties:	No	

Remarks:

Based on review of the Trust for Public Land's Land and Water Conservation Fund (LWCF) project mapping, no Section 6(f) properties were identified within or adjacent to the proposed project area. No additional coordination is required.

A map showing local LWCF past project listings has been uploaded to the Project File under Section 6(f) / Project Information / LWCF Grant Listing.

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 listed on the Toledo Metropolitan Area Council of Governments (TMACOG) Four-year Transportation Improvement Program (TIP) for the Toledo Urbanized Area. The project will comply with local/regional development patterns for the area.

A copy of the TIP has been uploaded to the Project File under General / Project Information / TIP Listing.

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

Remarks:

The proposed project is not expected to result in substantial negative impacts to community cohesion. The project will maintain a safe route of travel for motorists going through the US 20A and Strayer Road intersection. No concerns regarding adverse impacts to community cohesion were identified during public involvement activities.

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

Remarks:

The proposed project involves the improvement of the US 20A and Strayer Road intersection in order to maintain a safe route of travel for vehicular users. The project will not change vehicle mix, traffic volumes, or access in the project area. Given the scope of work, there are no reasonably foreseeable indirect or cumulative impacts anticipated.

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:

The project will not permanently restrict access to the US 20A and Strayer Road intersection. Construction of the project will not permanently impact routes of transit for public services. Therefore, the proposed project will not result in negative impacts to health and educational facilities, public utilities, fire, police, emergency, religious institutions, public transportation, or pedestrian and bicycle facilities.

Construction is anticipated to begin in spring of 2026 and last approximately six months. The road will be closed, and a detour will be necessary during construction. US 20A traffic will be rerouted using Interstate 475 and State Route 2 (Airport Highway). Strayer Road traffic will be rerouted using Briarfield Boulevard to the east and Butz Road to the west. Access to all adjacent properties will be maintained at all times during construction. EMS entities were included in the public involvement process. No comments related to emergency or public services were received for the project.

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

Number of Displacements

Residences: 1

Businesses: 0

Institutions: 0



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

Farms:

0

Remarks:

The proposed project will require a take from one (1) residence, for a total of 0.307 acre of permanent right-of-way (ROW) acquisition for the demolition of the existing house and garage. This property is located directly adjacent in the northwest corner of the US 20A and Strayer Road intersection and is in direct conflict with the project.

Will the proposed project result in impacts to Underrepresented Populations (Limited English Proficiency, Older Adults, or Adults with Disabilities) raised during Public Involvement?

No

Remarks:

No concerns regarding adverse impacts to Underrepresented Populations were identified during public involvement activities.

Are there any Environmental Commitments? No



Environmental Justice

Environmental Justice

Identified Environmental Justice Populations

Census Block Group #	% Minority	% Low Income
390950090001	11	11

Are Environmental Justice 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 Environmental Justice 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

Remarks:

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 census mapping, and the answers to the questions above. No concerns related to impacts on 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 IV 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, or Individuals with Disabilities Populations based upon the attached census 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.

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)

The following public involvement activities have been completed for this project:

- A Property Owner Notification Letter with right-of-entry language was mailed on June 30, 2023 to property owners and tenants adjacent to the project area in advance of field work.
- A Public Engagement Plan (PEP) was developed for the project in September of 2023.
- On March 25, 2024, letters were sent notifying recipients of a virtual Open House public involvement meeting. The letters were mailed to adjacent and nearby property owners/tenants, stakeholders, and local businesses to inform them of the project, invite comments, and request their participation in the virtual Open House public involvement meeting. As recommended by ODOT Office of Environmental Services, nearby Home Owners Associations, churches (the Church Maumee, Heritage Church of God, and Monclova Road Baptist Church), a grocery store (Walt Churchill's Market), local restaurants (Bob Evans, Briarfield Café, Carrabba's, and PizzAroma), and the Monclova Community Center were sent project flyers, including the virtual Open House meeting details, along with a letter asking them to post the notice in public spaces if possible. A map showing the project mailing area is included in the PEP.
- An email regarding the proposed road closure and detour was sent to emergency and public service providers on March 25, 2024.
- The virtual Open House was hosted on the ODOT project webpage. Project related materials and technical documents were provided for public review, and visitors were given an opportunity to comment online, in addition to phone, mail, or email options.
- A press release was issued by ODOT District 2 on May 1, 2024.
- The public comment period was due to expire on April 30, 2024. As the press release was not issued until May 1, the period during which comments would be accepted as part of the official record was extended to May 31, 2024.

Copies of all public involvement materials are available in the Project File under Public Involvement / Project Information.

A copy of the email sent to emergency and public service providers is in the Project File under General / Maintenance of Traffic.

Is there any substantial environmental controversy on environmental grounds? No

Please summarize the Public Involvement responses received.

A total of 17 comments were received from 15 individuals. Each commenter that provided contact information received a response. The majority of commenters recognize the need for improvements at the intersection. Other recurrent comments include:

- A preference for a traffic signal or the addition of turn lanes, rather than a roundabout;
- Concern that the roundabout will not be sufficient to accommodate traffic once the new I-475 interchange opens; and
- Desire to construct the roundabout prior to the new I-475 interchange.

An FAQ document addressing the most common comments was posted to the project website and all interested individuals who provided contact information were informed of its availability.

A copy of all public comments and responses is in the Project File under Public Involvement / Project Information / Public Comments Received.pdf.

A copy of the FAQ has been uploaded to the Project File under Public Involvement / Project Information / Response to Public Comments.pdf.



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

Are there any Environmental Commitments? No



Permits

Waterway Permits

Are Waterway Permits required? No

ODNR

Shore Structure Permit : No

Remarks:

Based on the Level 1 ESR, no jurisdictional waterway features are located within the project area, therefore, no waterway permits will be required for the proposed project.

Are there any environmental commitments? No

Storm Water Permits

NPDES Construction General Permit for Stormwater (NOI): Yes

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

Remarks:

As the earth disturbed area is greater than 1 acre, an NPDES permit will need to be obtained for this project. ODOT will submit a Notice of Intent (NOI) to the OEPA requesting coverage under a National Pollutant Discharge Elimination System (NPDES) General Construction Permit. The contractor will be responsible for developing a Storm Water Pollution Prevention Plan (SWPPP) and obtaining co-permittee coverage under the NPDES General Construction permit issued by OEPA to ODOT, prior to the start of construction.

Are there any environmental commitments? No

Floodplains

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

Remarks:

Based on review of the FEMA Flood Insurance Rate Map (FIRM) Community Panel 39095C0229E (effective 8/16/2011), the project is located within Zone X (unshaded). No additional coordination or permits are expected for the proposed project. The floodplain map can be found in the project file under the in the Project File under Permits/Floodplain/FEMA FIRM Map.pdf.

Are there any environmental commitments? No



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout
Approved: 6/25/2024

Environmental Commitments

RMR -



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

1) An Asbestos Survey is required prior to demolition of the residential structures located on the northwest corner of the intersection. The following plan notes will be added.

ODOT will be responsible for will hiring a Licensed Asbestos Hazard Evaluation Specialist to determine if regulated asbestos is present on any structures in excess of the allowable regulatory limits and requires abatement. The Hazard Evaluation Specialist shall prepare an Asbestos Inspection Report containing the quantities and locations of asbestos containing materials.

Electronic Submission: Submit one electronic PDF copy and one hard copy of the Asbestos Inspection Report and Notification of Demolition and Renovation Form (NDRF) partially completed with the applicable information and report findings to the Engineer. The Engineer will provide one copy to the District Environmental Staff.

Asbestos Abatement: If the asbestos inspection determines asbestos is present on the structure in excess of the regulatory limits and requires abatement, the Licensed Asbestos Hazard Evaluation Specialist will provide the Asbestos Inspection Report containing quantities and locations of the asbestos containing materials and partially completed NDRF to the Abatement Contractor. The Abatement Contractor shall submit the completed NDRF and Asbestos Inspection Report along with all applicable fees to OEPA.

Abate, transport, and dispose all asbestos containing material above allowable regulatory limits in accordance with all federal, state, and local regulations. Dispose the asbestos containing materials in a landfill licensed by the Ohio Department of Health and permitted by the Ohio Environmental Protection Agency - Division of Air Pollution Control to accept asbestos containing material. The removal and disposal of all asbestos containing material must comply with the Ohio Administrative Code (OAC) regulations and the National Emission Standard for Hazardous Air Pollutants (NESHAP) standard for asbestos.

Electronic Submission: Submit a completed electronic Notification of Demolition and Renovation Form (NDRF), applicable fees, and the Asbestos Inspection Report to the OEPA at least 10 days prior to any demolition activity, renovation activity, or both. Submit the NDRF and payment along with the Asbestos Inspection Report using the OEPA eBusiness Center. Submit one electronic PDF copy and one hard copy of the NDRF to the Engineer. The Engineer will provide one copy to the District Environmental Staff.

Hard Copy Submission: The Contractor may submit a hard copy of the completed NDRF and payment along with the Asbestos Inspection Report. Follow mailing instructions on the NDRF. Check with Toledo-Lucas County Health Department (419.213.4100) to determine if they require a hard copy submittal.

Submit the completed NDRF to OEPA at least 10 days prior to demolition activity, renovation activity, or both. Retain two hard copies of the NDRF and submit one copy to the Engineer and one copy to District Environmental staff (Phoenix.Golnick@dot.ohio.gov).

Basis of Payment: Submit all documentation related to the survey, abatement, transport, and disposal of asbestos containing materials to the Engineer within two weeks of completion. The Engineer will provide a copy of the documentation to the District Environmental Staff.

Payment for this work shall be made at the bid price of lump sum.

The following estimated quantity has been included in the general summary for the work noted above:

690E98400 Item Special - Misc.: Work Involving Asbestos Containing Materials - Lump Sum

OR

MOP 202 Removal of Structures and Obstructions: Work Involving Asbestos Containing Materials Lump Sum

OR

Other appropriate Pay Item

Ecological



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

1) The following note shall be added to the design plans: 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 an 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 in diameter at a height of 4.5 feet above the ground surface, and with a minimum height of 13 feet.

Other Resources - Drinking Water

1) The following note shall be added to the design plans: This project involves a drinking water well located at 6863 Maumee Western Road (US 20A). All wells shall be removed and properly abandoned in accordance with the Ohio Department of Natural Resources' (ODNR) Technical Guidance For Properly Sealing Unused Wells. The Contractor shall furnish all labor, equipment and materials necessary to perform the aforementioned work.



Preparers and Approvals

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Phoenix Meek (PROGRAM ADMIN 3)	6/25/2024



Appendix

General

Aerial Map.pdf

Correspondence with Emergency and Public Services.pdf

County Map.pdf

USGS Quadrangle Topographical Map.pdf

Purpose and Need

District Acceptance - Purpose and Need.pdf

RMR

Environmental Database Search Results.pdf

Cultural Resources

Records Check with Study Area.pdf

SHPO Comments

Transmittal 1 - Effect Determination

Tribal Comments - Miami Tribe.pdf

Tribal Consultation

Ecological

ODNR Scenic River MOA Conditions

USFWS/ODNR Ecological MOA Conditions

Other Resources

Census Urbanized Area Map.pdf

Sole Source Aquifer Mapping.pdf

Water Source Protection Area Map.pdf

Well Log Data.pdf

Environmental Justice

Census Mapping.pdf

HUD Resource Map.pdf

Public Involvement

District Approval - Public Involvement Plan.pdf

News Article.pdf



Environmental Document Level: D1
PID 116068 LUC US 20A 9.77 Roundabout

Approved: 6/25/2024

Press Release.pdf

Project Webpage.pdf

Public Comments Received.pdf

Public Engagement Plan.docx

Public Virtual Open House Notification with Flyer.pdf

Public Virtual Open House Notification.pdf

Response to Public Comments.pdf

Permits

FEMA FIRM Map.pdf