



# OHIO DEPARTMENT OF TRANSPORTATION

DISTRICT 04  
2088 SOUTH ARLINGTON RD. • AKRON, OH 44306 • 330-786-3100

## **Environmental Document**

for

### **STA SR 0021 21.30 PID 106135**

**Environmental Document Level: C2**

**Approved: 10/15/2019**

**Prepared By: District 4**

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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 June 6, 2018, and executed by FHWA and ODOT.*

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## C2

<b>PID:</b>	106135
<b>Project Sponsor:</b>	DISTRICT 4 PRODUCTION
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No
<b>Project Description:</b>	

The Ohio Department of Transportation (ODOT) proposes to rehabilitate the Deerfield Avenue bridge, Bridge Number STA-21-2134/Structure File Number (SFN) 7600666 over State Route (SR) 21 in Lawrence Township, Stark County. This project proposes to remove the existing bridge deck and approach slabs, construct a new bridge deck/approach slabs, repair the existing structural steel, repair/rehabilitate the existing concrete abutments/piers, reconstruct a total of approximately 448 feet of approach pavement, replace guardrail along Deerfield Avenue and SR 21, install new traffic/bridge signs and apply pavement markings.

Mapping that depicts the project location on United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Maps is included in Project File/General/Project Information as USGS Quadrangle Topographical Map.pdf

A minimum of one (1) lane of traffic will be maintained in each direction on SR 21 during project construction. Deerfield Avenue will be closed for approximately 75 consecutive days. Traffic on Deerfield Avenue will be detoured to use Warwick Drive to Milan Street to Market Street to Marshallville Street. Construction, lane restriction and bridge closure/detour information will be posted at the bridge site prior to the start of project construction. Access shall be maintained to all adjacent properties and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected with the project.

The project will be constructed within the existing roadway and highway rights-of-way.

Minor relocations of existing utilities within the project study area will be necessary to construct the project. These minor utility relocations will occur within the existing highway/roadway right-of-way. Utilities will not be permanently removed to construct the project. Coordination with the utility companies affected by the proposed construction activities was conducted for the project during its preliminary engineering phase and will continue during its detailed design phase.

Review of the Ohio State Historic Preservation Office (SHPO) on-line mapping system, Buckeye Asset Database and the ODOT Historic Bridge Inventory Database confirmed that properties or structures listed on or eligible for listing on the National Register of Historic Places are not located within the area of potential effects (APE) established at the STA-21-2134 bridge location. Modernization and maintenance projects are generally exempted from further cultural resource consideration by the 11/8/2017 Cultural Resource PA (Agreement 19319) if the project is not within the boundaries of any Historic Property or National Register District. The 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. See the cultural resources documentation for the project in the Project File/Cultural Resources/Project Information subsection and the Cultural Resources Tab.



Based on the information in the Regulated Materials Review (RMR) Form completed for the project, further environmental site assessment or special materials management is not warranted for the project. See the RMR documentation for the project in the Project File/ESA/Reports subsection.

The project proposes to impact approximately 0.025 acre of suitable wooded habitat (SWH) within the project study area. See the ecological information for the project in the Project File/Ecological/Reports and Coordination subsections.

The project will not impact any other environmentally sensitive resources within the project study area.

On August 29, 2019, a news release was issued about the project. Project maintenance of traffic and schedule information was provided to local emergency and public services in the project study area by electronic mail correspondence, dated August 30, 2019, and September 3, 2019. Moreover, the news release information was made available to the public by its posting on the ODOT District 4 website on August 29, 2019. Comments were not received as a result of the public involvement activities conducted for the project. See the public involvement documentation for the project in the Project File/Public Involvement/Project Information subsection.

The environmental document and associated studies, as applicable, were approved using the Stage 2 Design plans for the project. A copy of the Stage 2 Design plans for the project is included in the Project File/General/Project Information subsection as Stage 2 Design.pdf.

The estimated total project cost specified in Ellis agrees with the total project funding specified in the ODOT Fiscal Year (FY) 2018 - FY 2021 State Transportation Improvement Program (STIP) Statewide Line Item (SLI) Grouped Project Report as of 09/03/2019.

**STIP Reference #**

Statewide Line Item (SLI) Number 32  
and is fiscally constrained.

**Select the appropriate project type:**

(26) Modernization of a highway by resurfacing, restoration, rehabilitation, reconstruction, adding shoulders, or adding auxiliary lanes (including parking, weaving, turning, and climbing lanes), if the action meets the constraints in paragraph (e) of this section. ***Examples include: Joint or limited use of right-of-way where the proposed use would have minimal or no adverse social (including highway safety), economic or environmental impacts; Installation of new noise walls and other new noise mitigation projects; Construction of highway safety and truck escape ramps; Construction of bicycle lanes and pedestrian walkways, sidewalks, shared-use paths, or facilities and trailhead parking that do not otherwise qualify for a C1 designation; Beautification or facility improvement projects (i.e. landscaping, curb and gutter installation and replacement, ADA ramps/curb ramps, installation of park benches, decorative lighting, etc.); Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)***

(28) Bridge rehabilitation, reconstruction, or replacement or the construction of grade separation to replace existing at-grade railroad crossings, if the actions meet the constraints in 23 CFR 771.117(e). ***Examples include: Railroad projects that close or relocate at-grade crossings***

In accordance with 23 CFR 771.117(e), the proposed project cannot be processed as a C2 CE, if it involves -  
a. Acquisition of more than a minor amount of right-of-way  
b. Residential or non-residential displacements  
c. A Coast Guard, Individual Section 404 and/or a Section 10 permit  
d. A Section 106 finding of Adverse Effect  
e. A Section 4(f) Programmatic or Individual Evaluation  
f. A finding of May Affect, Likely to Adversely Affect to Threatened and Endangered Species  
g. Construction of temporary access, or the closure of existing road, bridge, or ramps, that would result in major traffic disruptions  
h. Changes in access control  
i. Floodplain



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encroachment other than functionally dependent uses (e.g., bridges, wetlands) or actions that facilitate open space use (e.g., recreational trails, bicycle and pedestrian paths) j. Construction activities in, across or adjacent to a river component designated or proposed for inclusion in the National System of Wild and Scenic Rivers k. No minor public or agency controversy on environmental grounds ( no opposition from any organized groups or agencies and no unresolved environmental coordination ) l. If an EJ Analysis Report is required, the project must be processed as a D-level CE or higher level document For certification purposes, documentation is required to illustrate no significant impacts will occur to the following environmental resources and that no unusual circumstances exist that would warrant a higher level of NEPA document. Upload all supporting documentation to the project file.

**Waterways:** Not Present

**Endangered Species:** Present; No finding of May Affect, Likely to Adversely Affect

**Endangered Species - Coordination** May Affect, Not Likely to Adversely Affect

**Endangered Species - Coordination Date** 08/30/2019

**Endangered Species - Critical Habitat Present/Impacted**

Indiana bat

Northern long-eared bat

**Endangered Species - Other Critical Habitat Present/Impacted:** No

**100-Year Floodplain:** No Encroachment Within a Special Flood Hazard Area (SFHA)

**Section 4(f):** Not present

**Section 6(f):** Not present

**Cultural Resources:** Present; No Finding of Adverse Effect

**Cultural Resources Coordination:** Minimum Potential to Cause Effect Appendix A

**Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date** 10/04/2019

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

Projects that meet C2 criteria are not anticipated to have impacts to the following environmental resources. If resources are present, documentation is only required if there is a potential for impacts.

**Air Quality:** Studies Not Required

**Air Quality - Coordination with OES:** No

**Noise:** Studies Not Required

**Noise Coordination - OES Approval Date:**

**Hazardous Materials - ESA Screening Conducted** Yes



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<b>Hazardous Materials - OES Approval Date:</b>	10/04/2019
<b>Phase I ESA Warranted Based on Coordination with OES:</b>	No Further Studies Warranted
<b>Farmland:</b>	Non-Urbanized Area; No Impacts in Accordance With the Farmland MOU, 7 CFR 658, and ORC 929.05
<b>Scenic Rivers</b>	No National Wild and Scenic River Within 1000 Feet of the Proposed Project Area
Projects that meet C2 criteria must be in accordance with ODOT's UP Guidance and activities conducted for Public Involvement are commensurate to the project's type and scope of work.	
<b>Underserved Populations</b>	Does Not Exceed UP Guidance Criteria; No UP Analysis Report Required and No UP Issues Raised During Public Involvement
<b>Public Involvement:</b>	Minimum PI Requirements Met; No Minor Public or Agency Controversy on Environmental Grounds
<b>Environmental Commitments</b>	Yes



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## **Environmental Commitments**

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1) The designer shall incorporate the following plan note: The project is located within the known habitat ranges of the federally listed and protected Indiana Bat and Northern Long-eared Bat. The designer shall incorporate a plan note prohibiting tree removal at these bridge locations from April 1 through September 30. All necessary tree removal at the specified bridge locations shall occur from October 1 through March 31. This requirement is necessary to avoid and minimize impact to these species as required by the Endangered Species Act. 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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### **Preparers and Approvals**

**Form Preparer**

District 4  
Contact: Edward Deley  
330-786-4930  
Edward.Deley@dot.ohio.gov

**Supporting Form Preparer(s):**

Brian Peck  
Rinaldo Spano

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	10/15/2019



## Appendix

### **Cultural Resources**

Buckeye Assets Mapping.pdf

### **Ecological**

Coordination with ODNR and USFWS.pdf

### **General**

County Map.pdf

### **Ecological**

ODOT Disposition of Agency Comments.pdf

### **General**

Project Study Area Map.pdf

### **Ecological**

USFWS Comments Consult Form STA-21-21.34 PID 106135.pdf

### **General**

USGS Quadrangle Topographical Map.pdf

### **Underserved Populations**

Census Mapping.pdf

### **Permits**

FEMA FIRM.pdf

### **Public Involvement**

Press Release.pdf

Public and Emergency Services Contact List.pdf

Public Notification Canal Fulton City Manager.pdf

Public Notification Lawrence Twp Trustees.pdf

Public Notification Public and Emergency Services.pdf

Public Notification Website Snap Shot.pdf

### **Underserved Populations**

Underserved Populations Documentation Form.pdf