



OHIO DEPARTMENT OF TRANSPORTATION

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

Environmental Document

for

SUM SR 0091 15.67 PID 93822

Environmental Document Level: C2

Approved: 11/29/2018

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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 11, 2015, and executed by FHWA and ODOT.

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C2

PID:	93822
Project Sponsor:	Hudson, City of
ODOT District:	4
Funding Source:	Federal
Private Funding:	No

Project Description:

The city of Hudson proposes the SUM SR 91 - 15.67; PID 93822; project to improve approximately 1.24 miles of State Route (SR) 91/Darrow Road from Brandywine Drive to Middleton Road in the city of Hudson, Summit County. The purpose of this project is to improve safety, reduce traffic congestion/delays, provide better pedestrian and bicycle mobility and improve drainage and long-term pavement conditions along SR 91 based on existing crash patterns, unacceptable intersection levels of service, absence of pedestrian and bicycle facilities, existing pavement deficiencies, insufficient subsurface drainage, frequent pavement degradation and repairs. Improvements proposed by this project include the following activities:

- Widen the existing SR 91 pavement to establish a 11-foot wide northbound left turn lane at the SR 91/Valley View Road intersection, a 11-foot wide southbound left turn lane at the SR 91/Herrick Park Drive intersection, a 11-foot wide northbound left turn lane at the SR 91/Hines Hill Road intersection, a 11-foot wide two-way left turn lane between the proposed left turn lanes at Herrick Park Drive and Hines Hill Road, a 5-foot wide bicycle lane along the 12-foot wide northbound shared through/turn lane and a 5-foot wide bicycle lane along the 12-foot wide southbound shared through/turn lane;
- Resurface the existing/widened SR 91 pavement;
- Install concrete curb and an 8-foot concrete sidewalk with Americans with Disabilities Act (ADA) ramps along the east side of SR 91;
- Install 5-foot concrete sidewalks with ADA ramps in the northwest and southwest quadrants of the SR 91/Brandywine Drive intersection;
- Install intersection crosswalks with pole-mounted pedestrian warning light devices at the SR 91/Brandywine Drive intersection, the SR 91/Valley View Road intersection and the SR 91/Hines Hill Road intersection;
- Construct storm sewer system/drainage improvements;



- Construct culvert headwall improvements at an existing 3' x 4.6' concrete box culvert and an existing 60-inch diameter reinforced concrete pipe;
- Install wood rail fence along the east side of the proposed sidewalk at two SR 91 stream crossings;
- Install a concrete barrier between the northbound vehicular/bicycle lanes and the pedestrian area on the east side of the SR 91 bridge over IR 80/Ohio Turnpike to separate pedestrian traffic from vehicular/bicycle traffic and perform other concrete shoulder work at the existing abutment and approach slabs of the SR 91 bridge over IR 80/Ohio Turnpike;
- Construct 254-foot segmental concrete retaining wall on the east side of SR 91 approximately 202 feet south of the SR 91/Middleton Road intersection;
- Install post construction storm water management vegetative bio-filters along the west side of SR 91;
- Perform cross-street/driveway reconstruction;
- Install intersection/IR 80 (turnpike) overpass bridge street lights; and
- Install traffic signs/pavement markings.

Approximately 1.16 acres of new permanent right-of-way and 1.6 acres of temporary right-of-way will be acquired to construct the project.

During project construction, a minimum of one (1) 10-foot lane in each direction of traffic shall be maintained on the existing pavement or completed pavement. Hines Hill Road will be closed and detoured at the intersection with SR 91 for approximately 45 days to facilitate intersection construction activities at the SR 91/Hines Hill Road intersection. The Hines Hill Road detour will be posted onto SR 91 and Valley View Road. Notice of closure signs shall be erected by the contractor at least one (1) week in advance of the scheduled road closure. Based on the proposed maintenance of traffic measures incorporated into the project, substantial traffic disruptions are not anticipated with the project.

Utility poles, overhead utility lines and underground utilities to be impacted by the project will be relocated within the existing and/or proposed new permanent SR 91 right-of-way. Existing utilities will not be permanently removed to construct the project. Coordination with affected utility owners is ongoing for the project.



Based on the proposed scope of work, the project will impact the following environmental resources located within the project study area:

- 885 total linear feet of six (6) streams
- 0.16 acre of two (2) wetlands
- 0.04 acre of one (1) ditch
- Approximately 0.80 acre of suitable wooded habitat (SWH) for the endangered Indiana Bat and Northern Long-eared Bat.
- The project will not require land from within the historic boundary of a Section 4(f) Cultural Resource. The proposed work taking place within the historic boundary of the Hudson Historic District Boundary Increase (NR#89001452), listed on the National Register of Historic Places (NRHP), is in the existing SR 91 right-of-way, as well as a narrow strip of temporary right-of-way

See Project Description - Continued.pdf file in the Project File/General/Project Information subsection.



STIP Reference #

2018stipID0141FDCO 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.)

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 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:	Present; No Coast Guard, Individual 404, and/or Section 10 Permit required
Waterways Permit Type:	Permit Determination and/or Permit Application Approval Pending
Isolated Wetland Permit	No
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	07/31/2017
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):	Present; No Programmatic Evaluation or Individual Evaluation Required
Section 4(f) Determination:	
No Use	
de minimis	
Section 4(f) Determination Date - No Use	04/05/2018
Section 4(f) Determination Date - de minimis	08/20/2017
Section 6(f):	Not present
Cultural Resources:	Present; No Finding of Adverse Effect
Cultural Resources Coordination:	No Adverse Effect
Cultural Resources Coordination - ODOT Approval/SHPO Concurrence Date	03/19/2018
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:	Yes
Air Quality - OES Approval Date:	01/09/2018
Noise:	Studies Not Required
Noise Coordination - OES Approval Date:	01/09/2018
Hazardous Materials - ESA Screening Conducted	Yes
Hazardous Materials - OES Approval Date:	05/02/2017
Phase I ESA Warranted Based on Coordination with OES:	No Further Studies Warranted
Farmland:	Urbanized Area; No Impacts in Accordance With the Farmland MOU and 7 CFR 658



Scenic Rivers

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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.

Underserved Populations

Does Not Exceed UP Guidance
Criteria; No UP Analysis Report
Required and No UP Issues Raised
During Public Involvement

Public Involvement:

Minimum PI Requirements Met; No
Minor Public or Agency Controversy
on Environmental Grounds

Environmental Commitments

Yes



Environmental Commitments

C2

- 1) The project designer shall incorporate the following items into a plan note: It is required that access to Darrow Road Park will be maintained at all times during construction activities. The Contractor shall install temporary construction fencing along proposed construction limits prior to the start of construction activities to protect Darrow Road Park and the public. The Contractor shall install appropriate signage to alert Darrow Road Park users of construction activities and temporary access restrictions to direct users to secondary access points. The Contractor will not stage and/or store construction equipment and/or materials within the defined boundaries of Darrow Road Park. The Contractor will coordinate the construction schedule with ODOT District 4 Construction, the city of Hudson Engineering Department and the city of Hudson Park Department.
- 2) The project designer shall incorporate the following note into the plans: The project is located within the known habitat ranges of the federally listed and protected Indiana bat and northern long-eared bat. The Contractor shall not remove trees under this project from April 1 through September 30. All necessary tree removal shall occur from October 1 through March 31. This requirement is necessary to avoid and minimize impacts 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.
- 3) The project designer shall incorporate the following note into the plans: No work will be done beyond the construction limits shown on the plans at the Hudson Historic District Boundary Increase (NR#89001452), listed on the National Register of Historic Places (NRHP), and the Ellsworth House at 460 North Main Street (OHI # SUM0133005), a contributing property within the district. Additionally, construction equipment and material staging areas shall be kept away from the historic property boundary. Work within the historic property boundary is prohibited.



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Preparers and Approvals

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Approvals & Electronic Signatures

Approved & Electronically Signed By:	Approval Date:
Edward Deley (PROGRAM ADMIN 3)	11/29/2018



Appendix

General

Aerial Map.pdf

County Map.pdf

Project Description - Continued.pdf

Project Study Area Map.pdf

USGS Quadrangle Topographical Map.pdf

Alternatives

Feasibility Study.pdf

Air

OES Approval - No Air Analysis Required.pdf

Noise

OES Approval - No Analysis Required.pdf

ESA

OES Recommendations - Screening.pdf

Cultural Resources

OES Scoping Guidance - History Architecture.pdf

OES Section 106 Effect Determination.pdf

Ecological

Consult Form SUM-91-15.67 PID 93822.pdf

Coordination with ODNR and USFWS.pdf

Section 4(f)

OES Cultural Resources 4(f) Determination.pdf

OES Recreational 4(f) Determination.pdf

Underserved Populations

Census Mapping.pdf

Underserved Populations Documentation Form.pdf

Public Involvement

News Article.pdf

PONL and Mailing List - April 2015.pdf



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PONL and Mailing List - March 2017.pdf

Press Release - April 2016.pdf

Press Release - January 2018.pdf

Public Comments Received - April 2016.pdf

Public Comments Received - Feb 2018.pdf

Public Meeting Exhibits - Feb 2018.pdf

Public Meeting Handouts - April 2016.pdf

Public Meeting Handouts - Feb 2018.pdf

Public Meeting Legal Notice - April 2016.pdf

Public Meeting Notification and Mailing List - April 2016.pdf

Public Meeting Notification and Mailing List - Jan 2018.pdf

Public Meeting Sign In Sheet - Feb 2018.pdf

Public Meeting Sign In Sheet.pdf

Response to Public Comments - Hudson Website Posting.pdf

Response to Public Comments.pdf

Permits

FEMA FIRM.pdf