



# OHIO DEPARTMENT OF TRANSPORTATION

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

## **Environmental Document**

for

## **POR Aurora Signals PID 107761**

**Environmental Document Level: C1**

**Approved: 2/10/2020**

**Prepared By: Brian Peck**

ODOT DISTRICT 4

Phone: 330-786-4931

E-mail: [Brian.Peck@dot.ohio.gov](mailto:Brian.Peck@dot.ohio.gov)

District Contact: Edward Deley

Phone: 330-786-4930

E-mail: [Edward.Deley@dot.ohio.gov](mailto:Edward.Deley@dot.ohio.gov)

*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.*

# Table of Contents

C1.....	3
Environmental Commitments.....	7
Preparers and Approvals.....	8
Appendix.....	9



## C1

<b>PID:</b>	107761
<b>Project Sponsor:</b>	Aurora, City of
<b>ODOT District:</b>	4
<b>Funding Source:</b>	Federal
<b>Private Funding:</b>	No

### **Project Description:**

The city of Aurora proposes to reconstruct and improve existing traffic control signals and school flashers at twenty-two (22) locations and install new school flashers at one (1) location in the city of Aurora, Portage County, Ohio. This proposed project consists of five primary parts, as described below.

Part 1: Replacement of the existing traffic signals at the following intersections/locations:

State Route (SR) 43 (N. Aurora Road)/Moneta Avenue;

SR 43 (N. Aurora Road) at Fire Station No. 2;

SR 82 (W. Garfield Road)/S. Bissell Road;

SR 82 (W. Garfield Road)/Aurora Commons;

SR 82 (W. Garfield Road)/SR 43 (S. Aurora Road);

SR 82 (W. Garfield Road)/SR 306 (S. Chillicothe Road);

SR 306 (N. Chillicothe Road)/Treat Road;

W. Pioneer Trail/Fire Station Drive (Fire Station No. 1);

SR 43 (S. Chillicothe Road)/Aurora-Hudson Road;

SR 43 (S. Chillicothe Road)/Aurora Farms Drive;

SR 43 (S. Chillicothe Road)/Greenbriar/Chatham Drive;

SR 43 (S. Chillicothe Road)/Lena Drive; and

SR 82 (E. Garfield Road)/Eggleston Road (Flashing Intersection Control Beacon).

This part also proposes to upgrade curb ramps/crosswalks to comply with Americans with Disabilities Act (ADA) standards, where warranted.

Part 2: Upgrade the existing traffic signals at the following intersections:

SR 43/Squires Road;



SR 43/Sycamore Drive;

SR 43/Bissell Road;

SR 43/SR 306/Pioneer Trail;

SR 43/Treat Road; and

SR 306/Barrington Town Center.

This part proposes to reuse the existing traffic signal infrastructure (i.e. mast arm supports, pull boxes, underground conduit, etc., when determined to be in satisfactory condition). The proposed upgrades will include new controller cabinets, battery backup systems, LED signal heads with back plates, count down pedestrian signals, pedestrian pushbuttons, vehicle detection (loop) and all new wiring. This part also proposes to upgrade curb ramps/crosswalks to comply with ADA standards, where warranted.

Part 3: Replacement or upgrade of the existing school flashers at the following locations:

Aurora-Hudson Road at the Leighton Elementary School/Harmon Middle School;

SR 43 at Miller Elementary School; and

SR 82 at Craddock Elementary School.

Part 4: Installation of a new school flasher at one location: W. Pioneer Trail at Aurora High School.

Part 5: Installation of new traffic signal interconnect fiber optic cable along the city traffic signal network and provide/purchase central signal system control station software (equipment purchases only) to coordinate and monitor traffic signals. The software will replace the existing aging emergency vehicle preemption system in Aurora. Fiber optic cable interconnection shall be installed either overhead on existing utility poles, as available, or underground within existing street rights-of-way.

Mapping that depicts proposed project locations 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.

The project will be constructed within the existing street right(s)-of-way.

Two-way traffic shall be maintained at all traffic signal intersections and school flasher locations except when it is necessary to stop traffic during the installation of overhead electric traffic control device signal heads and associated equipment. Construction and lane restriction information will be posted at the project limits prior to the start of construction. Access shall be maintained to all adjacent properties, businesses and intersecting side streets for the duration of the project. Substantial traffic disruptions are not expected with the project.

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 street 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.



Based on the project scope of work, its Path 1 Preliminary Development Process (PDP) Classification and the proposed maintenance of traffic measures, emergency/public services contact activities were not conducted for the project.

See continuation of the project description in the Project File/General/Project Information subsection as Project Description Continued.pdf.

**STIP Reference #** 2018AM13ID0429FDCO and is fiscally constrained.

**Cultural Resources Coordination:** Minimal Potential to Cause Effect Appendix B

**Cultural Resources Coordination Date:** 11/19/2019

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

**Supporting documentation has been uploaded to Project File:** Yes

**Select the appropriate project type (more than one can be selected):**

(3) Construction of bicycle and pedestrian lanes, paths, and facilities. *Examples include: Walkways, sidewalks, shared-use paths, and facilities, small passenger shelters, (i.e. construction of a bike path on an existing railroad bed, designations of certain highways as bike routes, painting of existing paved shoulders as bike lanes, ADA ramps, etc.) provided that no new disturbance will occur.*

(21) Release of electronics, photonics, communications, or information processing used singly or in combination, or as components of a fully integrated system, to improve the efficiency or safety of a surface transportation system or to enhance security or passenger convenience. Examples include, but are not limited to, traffic control and detector devices, lane management systems, electronic payment equipment, automatic vehicle locaters, automated passenger counters, computer-aided dispatching systems, radio communications systems, dynamic message signs, and security equipment including surveillance and detection cameras on roadways and in transit facilities and on buses. *Additional examples include: Replacement of existing or installation of new traffic signals, flashing beacons, railroad warning devices and the installation of ITS system components; Upgrade of existing tower lighting to new technologies that ensure a lesser impact than the current system; Implementation of other new safety or operations technologies (must be approved by OES).*

(22) Projects, as defined in 23 U.S.C. 101 that would take place entirely within the existing operational right-of-way. Existing operational right-of-way refers to right-of-way that has been disturbed for an existing transportation facility or is maintained for a transportation purpose. This area includes the features associated with the physical footprint of the transportation facility (including the roadway, bridges, interchanges, culverts, drainage, fixed guideways, mitigation areas, etc.) and other areas maintained for transportation purposes such as clear zone, traffic control signage, landscaping, any rest areas with direct access to a controlled access highway, areas maintained for safety and security of a transportation facility, parking facilities with direct access to an existing transportation facility, transit power substations, transit venting structures, and transit maintenance facilities. Portions of the right-of-way that have not been disturbed or that are not maintained for transportation purposes are not in the existing operational right-of-way. *Examples*



**Environmental Document Level: C1**

**PID 107761 POR Aurora Signals**

**Approved: 2/10/2020**

***include: Tower lighting within the existing operational right-of-way; Guardrail installation and replacement (including median cable barriers) where roadway ditches and backslopes will not be relocated; Improvements to existing ODOT/County maintenance facilities; Construction of new ODOT/County maintenance facilities within existing operational right-of-way; Environmental mitigation activities within existing operational right-of-way; Work on pedestrian and vehicle transfer structures and associated utilities, buildings, and terminals within existing operational right-of-way; Construction of alternative energy facilities (fuel tank farms, wind turbines, etc.)***

**Environmental Commitments:**

**No**



**Environmental Document Level: C1**  
PID 107761 POR Aurora Signals  
Approved: 2/10/2020

## **Environmental Commitments**



**Environmental Document Level: C1**

PID 107761 POR Aurora Signals

Approved: 2/10/2020

### **Preparers and Approvals**

**Form Preparer:**

Brian Peck  
ODOT DISTRICT 4  
330-786-4931  
Brian.Peck@dot.ohio.gov

**Supporting Form Preparer(s):**

Brian Peck  
Mary Christoff

### **Approvals & Electronic Signatures**

<b>Approved &amp; Electronically Signed By:</b>	<b>Approval Date:</b>
Edward Deley (PROGRAM ADMIN 3)	2/10/2020



## Appendix

### General

Aerial Map.pdf

### Ecological

Ecological Review Form - Ecologically Exempt Project.pdf

### Cultural Resources

Minimal Potential to Cause Effect - Appendix B

### General

Project Description Continued.pdf

### ESA

Project Related ODOT Decision - ESA.pdf

### Cultural Resources

Project Related OES Decision - Cultural Resources.pdf

### General

Project Study Area Map.pdf

### Cultural Resources

Records Check.pdf

### ESA

Regulated Materials Review Form.pdf

### General

USGS Quadrangle Topographical Map.pdf

### Underserved Populations

Census Mapping.pdf

### Permits

FEMA FIRM.pdf