



# Transportation Improvement Program

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State Fiscal Years 2018-2021



Mid-Ohio Regional  
Planning Commission

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2018-21

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# Transportation Improvement Program

## State Fiscal Year 2021

This report was prepared by the Mid-Ohio Regional Planning Commission (MORPC), 111 Liberty St., Columbus, OH 43215, 614-228-2663, with funding from the Federal Highway Administration, Federal Transit Administration, Ohio Department of Transportation, and Delaware, Fairfield, Franklin, Licking and Union counties. The contents of this report reflect the views of MORPC, which is solely responsible for the information presented herein.

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## Appendices

### Included with this document

Appendix A: Transit Supportive Documentation

Appendix B: Policies for Managing MORPC-Attributable Funds

Appendix C: MORPC Complete Streets Policy

Appendix D: Policy for Revising the TIP

Appendix E: Documentation of MORPC Transportation Policy Committee Adoption of the SFY 2018-2021 TIP

### Separate from this document (provided upon request):

Appendix 1: Central Ohio Air Quality Conformity Determination Documentation

Appendix 2: Public Involvement

Appendix 3: Environmental Justice Technical Analysis



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## 1. Introduction

The Transportation Improvement Program (TIP) for the Mid-Ohio Regional Planning Commission (MORPC) is a staged, four-year schedule of transportation improvements using (or expected to use) funds administered by the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA), the Ohio Department of Transportation (ODOT), and other projects that have significant air quality impacts. MORPC's TIP is a component of the Statewide TIP (STIP).

The federal highway and transit acts of 1962 and 1964 respectively required that each urbanized area, as a condition to the receipt of federal capital or operating assistance, have a continuing, cooperative and comprehensive (3C) transportation planning process. This process results in plans and programs that are consistent with the comprehensively planned development of the urbanized area. The TIP, along with the Metropolitan Transportation Plan (MTP), is a key element of this process.

The most recent transportation act, the Fixing America's Surface Transportation Act (FAST Act), continued the above requirements. For Central Ohio to remain eligible for federal transportation funding, the planning process must demonstrate that the Columbus area is in compliance with federal requirements.

In metropolitan areas, a Metropolitan Planning Organization (MPO) is the organization designated to carry out the 3C process. The governor designates the MPOs for different urban areas of a state, and the Transportation Policy Committee of MORPC has been so designated for the Columbus area. The Transportation Policy Committee meets monthly and is responsible for approving the MTP, the TIP and other work of the MPO. The Transportation Policy Committee includes representatives from communities within the transportation planning area, ODOT, the Central Ohio Transit Authority (COTA), and the Delaware Area Transit Agency (DATABus).

### MORPC Planning Area

The MORPC TIP covers the MORPC transportation planning area, which comprises Franklin and Delaware counties, New Albany, Pataskala and Etna Township in Licking County, Bloom and Violet townships in Fairfield County and Jerome Township in Union County.

### Federal Requirements

The final planning regulations to implement federal transportation law, issued by the U.S. Department of Transportation on May 27, 2016, included specific requirements for development and content of TIPs. These are summarized below and addressed within this document.

**Time Period** – *The TIP shall cover at least a four-year period and be updated at least every four years.* The financial tables and project tables included in this document cover SFYs 2018-2021. ODOT and the MPOs have established a two-year update cycle.

**Public Comment** – *The TIP process shall provide opportunity for public review and comment on the TIP.* Section 2 in this document summarizes the public participation process.

**Performance Targets** – *The TIP shall be designed to make progress toward achieving performance targets and include a description of the anticipated effects linking investment priorities to the*



performance targets. Section 6 in this document contains information about the Performance Targets.

**Specific Project Information** – *The TIP is to list capital and non-capital surface transportation projects to use a variety of federal funds or regionally significant projects requiring FHWA or FTA action. For each project or project phase the TIP shall include sufficient descriptive material including type of work, termini, length, total cost, amount of federal funds, and responsible agency. Line items may be used for projects that are not considered to be of appropriate scale for individual identification. The detailed project listing organized by county, route and section in Section 8 provides complete detail for each project. Other project listing tables provide portions of the information. Line items are also included in Section 8.*

**Consistency with the Metropolitan Transportation Plan** – *Each project or project phase in the TIP shall be consistent with the Metropolitan Transportation Plan. For each project included in the detailed project listing, a Metropolitan Transportation Plan (MTP) reference is provided.*

**Financial Plan** – *The TIP shall include a financial plan including system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain federal-aid highways and public transportation. Section 4 of this document discusses the expected financial resources, and Section 6 provides tables summarizing the TIP fiscal balance.*

**Prioritization Process** – *The TIP should identify the criteria and process for prioritizing projects from the Metropolitan Transportation Plan for inclusion in the TIP. Section 5 discusses the project selection process.*

**Status of Projects from SFY 2016-2019 TIP** – *The TIP should list major projects from the previous TIP that were implemented or delayed. Section 3 lists completed and delayed projects.*

**Transportation Control Measures** – *The TIP should describe the progress in implementing TCMs. Section 7 discusses TCMs.*

**Air Quality** – *The TIP shall document conformity with the State Implementation Plan. Section 7 shows the air quality conformity determination.*

## **Document Organization**

This TIP document is organized into eight sections and eight appendices. The first seven sections provide information on the TIP development process and how the TIP meets the federal requirements listed in the previous section. Section 8 provides the detailed project listing and map along with four subset listings of projects.

Appendices are included with the main TIP document and are as follows:

- Appendix A provides Transit Supportive Documentation
- Appendix B contains Policies for Managing MORPC-Attributable Funds
- Appendix C contains the MORPC Complete Streets Policy
- Appendix D contains the Policy for Revising the TIP
- Appendix E contains the MORPC Policy Committee Resolution Adopting the SFY 2018-2021 TIP



Finally, three separate appendices, provided upon request, give specific details on the following items:

- Appendix 1: Central Ohio Air Quality Conformity Determination Documentation
- Appendix 2: Public Involvement
- Appendix 3: Environmental Justice Technical Analysis

## **2. TIP Development Process and Public Involvement**

Coordination among MORPC, ODOT, transit providers, and local governments and public participation are all important elements in preparation of the TIP. The agency coordination is ongoing throughout the process beginning with initial data collection. Public participation occurs after the draft TIP is prepared and must be done before adoption of the TIP by MORPC. Details of the public participation process are available in Appendix 2. As part of MORPC's TIP, COTA and DATABus's programs of projects are included in the public participation process.

### **Initial Data Collection**

Starting in June prior to TIP adoption, local governments, COTA, DATABus and ODOT were solicited for changes to the TIP. Initially, this is focused on projects in which MORPC-attributable funding has been committed to previously and agencies applying for MORPC-attributable funding for new projects. The process of evaluating and selecting projects to use MORPC-attributable funding, which includes public participation, is discussed further in Section 5. In the fall, MORPC begins coordination with ODOT to obtain information on projects it is developing and begins gathering information on significant projects being developed exclusively with local funding. The information collected is included in the project listings for the TIP and for Statewide Line Items (SLIs).

### **Draft TIP**

A draft TIP is prepared that considers all information received from the local governments, COTA, DATABus, ODOT and the public. It is reviewed by MORPC's Transportation Advisory Committee (TAC) and Community Advisory Committee (CAC). This draft is fiscally balanced for all funding sources. It includes air quality conformity documentation and the environmental justice technical analysis. On February 3rd, it is provided to ODOT for its formal review. During the review, the schedules of some projects may be adjusted based on updated information and to ensure fiscal balance of the Statewide Transportation Improvement Program (STIP). Notice of its availability is sent to local governments. It is also made available to the public.

### **Final Draft TIP**

A final draft TIP is prepared after the following:

- comments are received from ODOT
- a second air quality conformity documentation has been completed, if necessary
- comments received from local governments and the public have been reviewed

The final draft TIP is made available to local governments and to the public. It is also provided to the 12 ODOT districts, ODOT Central Office, and to the other 16 Ohio MPOs for public review.



## Final TIP

MORPC approval of the TIP takes place in May at the regularly scheduled meeting of the Transportation Policy Committee. Following approval, copies of the document are provided to ODOT, who then provides it to FHWA and FTA. FHWA will coordinate the air quality conformity review and approval with FTA and U.S. EPA.

## Ongoing Maintenance of the TIP

To monitor the changes in TIP projects, implementing agencies and/or consultants are contacted to request updates on project progress. A report entitled the "Project Status Report" shows the updated project status for MORPC-funded projects. The report is provided monthly to the MORPC TAC and made available to the Transportation Policy Committee and upon request.

STIP/TIP revisions are needed only for federal- and state-funded projects that require federal approval or authorization action prior to the next scheduled biennial STIP/TIP update. There are two categories of STIP/TIP revisions: formal amendments and administrative modifications. Major changes require a TIP amendment, which requires the approval of MORPC's Transportation Policy Committee. Minor changes may be approved by MORPC's Transportation Systems & Funding Director. For details on TIP revisions, see the Policy for Revising the TIP in Appendix D.

## 3. Status of Projects from the SFY 2016-2019 TIP

The previous TIP covered SFYs 2016-2019. Project phases included in the previous TIP were either authorized/sold during that TIP, delayed, cancelled or otherwise not implemented. Tables 1 and 2, described below, show the disposition of these project phases.

### Project Phases Completed

Table 1 shows the project phases that were included in the SFY 2016-2019 TIP (including amendments) and that were authorized/sold during SFYs 2016-2017. Projects are sorted first by project type and second by the county-route-section (CRS). It includes authorized right-of-way (ROW) and construction (Con) phases for any project and all authorized phases with non-local funding sources (including federal and state sources). It includes project phases that were expected to be authorized in SFY 2017, although they had not yet been authorized at the time that this document was prepared.

### Project Phases Delayed

Table 2 identifies the project phases that were included in the SFY 2016-2019 TIP (including amendments) but were delayed from the listed year to SFY 2016 or later. Projects are sorted by the county-route-section (CRS). If the phase was delayed to a SFY covered by this TIP, the updated information is shown on the table, and the detailed project listing contains complete information. The table also shows project phases that were cancelled, merged with another project, or delayed beyond SFY 2021. However, no additional information about them is included in this document.

Project delays occur for a variety of reasons. In many cases the environmental or right-of-way acquisition processes take longer than expected. Other reasons for delays include unexpected additional time needed for utility relocation, coordination with railroad companies, redesign of a project, budget constraints or limitations or changes in regulations.



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 1145	<b>PID:</b> NA	<b>Agency:</b> Hilliard	<b>CRS:</b> FRA-Trueman Blvd-Phase 3				
Trueman Blvd (Phase 3) from Davidson Rd to Edward's Farms Rd (Columbus corp limit), New Roadway				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	ROW	\$1,200,000	2016
				Local	Con	\$4,400,000	2016
<b>MORPC ID:</b> 573	<b>PID:</b> 85017	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-CR122-06.22				
Alum Creek Dr from Refugee Rd to Frebis Ave, Major Widening/Multi-Use Path				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	PE DD	\$216,166	2016
				Local	ROW	\$240,260	2016
				STP-M	ROW	\$961,042	2016
				Local	Con	\$4,359,585	2017
				STBG-M	Con	\$11,677,401	2017
<b>MORPC ID:</b> 3110	<b>PID:</b> 101912	<b>Agency:</b> New Albany	<b>CRS:</b> LIC-Innovation Campus Way-Extension				
Innovation Campus Way from Harrison Rd to Mink St, New Roadway				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$2,600,000	2016
				State	Con	\$2,000,000	2016
<b>MORPC ID:</b> 3208	<b>PID:</b> 103281	<b>Agency:</b> Licking County	<b>CRS:</b> LIC-310-01.26				
SR-310 from Etna Crest Blvd to US 40, Major Widening				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$250,000	2016
				State	PE Envir	\$194,696	2017
				SIB	Con	\$5,000,000	2017
				State	PE DD	\$100,000	2017
				ODSA	ROW	\$2,000,000	2017
				State	ROW	\$250,000	2017
				State	Con	\$500,000	2017
<b>Total for Arterial Expansion (36 project phases)</b>						<b>\$131,998,842</b>	
<b>Bicycle &amp; Pedestrian</b>							
<b>MORPC ID:</b> 2548	<b>PID:</b> 90867	<b>Agency:</b> Pickerington	<b>CRS:</b> FAI-TR222-Long Rd SRTS				
Various locations near Pickerington Elementary, Multi-Use Path/Sidewalks				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				SRTS	PE DD	\$2,257	2016
				TAP-S	Con	\$27,571	2016
				SRTS	Con	\$275,679	2016
<b>MORPC ID:</b> 2657	<b>PID:</b> 95553	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-COTA Sidewalks-Phase 2				
COTA Sidewalks Phase 2, Sidewalks				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				TAP-M	Con	\$2,395,172	2017
				Local	Con	\$598,793	2017
<b>MORPC ID:</b> 2627	<b>PID:</b> 94012	<b>Agency:</b> New Albany	<b>CRS:</b> FRA-New Albany SRTS Inf-FY17				
* Dublin-Granville Rd from Meadway Dr to Morgan Rd, Multi-Use Path				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				SRTS	Con	\$118,500	2017
				Local	Con	\$89,340	2017
<b>MORPC ID:</b> 1568	<b>PID:</b> 90818	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-CR124-03.18				
Parsons Ave from Obetz Rd to Dering Ave, Sidewalks				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$494,653	2017
				TAP-M	Con	\$1,978,611	2017
<b>Total for Bicycle &amp; Pedestrian (9 project phases)</b>						<b>\$5,980,576</b>	

### Bridge Repair & Replacement

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

\* Project was part of a Statewide Line Item



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 3138	<b>PID:</b> 100652	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-Bridge Repair-FY17	
* Bridge Repair at Various Locations in D06, Bridge Maintenance Activities				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	NHPP	Con	\$1,185,206	2017
	State	Con	\$199,013	2017
<b>MORPC ID:</b> 2807	<b>PID:</b> 95294	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-Culvert-FY17	
* Various locations in District 6, Culvert Maintenance				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	State	Con	\$33,624	2017
	STP-S	Con	\$63,000	2017
	Bond	Con	\$114,295	2017
<b>MORPC ID:</b> 2930	<b>PID:</b> 97852	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-OBPP Package 6-10	
* Beechtree Rd at Mason Run, Bridge Replacement				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Federal	Con	\$2,000	2016
	HBP	ROW	\$31,532	2016
	HBP	Con	\$486,359	2016
	HBP	PE DD	\$40,000	2016
	GARVEE	PE DD	\$43,129	2016
	GARVEE	Con	\$431,529	2016
<b>MORPC ID:</b> 2583	<b>PID:</b> 92230	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-IR071-13.07	
I-71 at 6 locations in Delaware and Morrow counties, Bridge Deck Replacement				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Bond	Con	\$11,641,590	2016
	State	Con	\$834,910	2016
<b>MORPC ID:</b> 2681	<b>PID:</b> 88604	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-SR656-01.72	
* SR-656 at Big Walnut Creek, Bridge Maintenance Activities				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	State	Con	\$88,200	2016
	STP-S	Con	\$352,800	2016
<b>MORPC ID:</b> 2762	<b>PID:</b> 94561	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-CR020-02.73	
* Smothers Rd at Hoover Reservoir, Bridge Deck Replacement				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	State	PE DD	\$3,000	2016
	State	Con	\$3,336,170	2017
	Local	Con	\$834,043	2017
<b>MORPC ID:</b> 2682	<b>PID:</b> 88610	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US023-15.56	
* Indianola Ave at Glen Echo, Bridge Rehabilitation				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	STBG-S	Con	\$148,520	2017
	HBP	Con	\$930,592	2017
	Local	Con	\$150,000	2017
	State	Con	\$269,778	2017
<b>MORPC ID:</b> 3221	<b>PID:</b> 102572	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US040-06.27	
* US-40 at I-270, Bridge Maintenance Activities				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	State	Con	\$16,690	2017
	NHPP	Con	\$150,211	2017
<b>MORPC ID:</b> 3115	<b>PID:</b> 101972	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR270-49.53 & 50.90	
* Groveport Rd & Lockbourne Rd at I-270, Bridge Rehabilitation				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	NHPP	Con	\$954,504	2017
	State	Con	\$106,056	2017
<b>MORPC ID:</b> 2916	<b>PID:</b> 96471	<b>Agency:</b> Pataskala	<b>CRS:</b> LIC-TR038-04.50	
Columbia Rd at Muddy Fork, Bridge Replacement				
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local	ROW	\$30,000	2016
	Local	Con	\$112,845	2017
	HBP	Con	\$451,381	2017

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

\* Project was part of a Statewide Line Item



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 3085	<b>PID:</b> 100390	<b>Agency:</b> ODOT 5	<b>CRS:</b> LIC-TR152-01.08				
* Smoke Rd at just N of I-70, Culvert Maintenance				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	Con	\$196,218	2016
				State	Con	\$21,802	2016
<b>Total for Bridge Repair &amp; Replacement (31 project phases)</b>							<b>\$23,258,997</b>
<b>Enhancement</b>							
<b>MORPC ID:</b> 3000	<b>PID:</b> 97302	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR070-19.31 Noise Wal				
I-70 at James Rd, Noise Walls				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$495,100	2016
<b>Total for Enhancement (1 project phase)</b>							<b>\$495,100</b>
<b>Freeway Expansion</b>							
<b>MORPC ID:</b> 1139	<b>PID:</b> 25594	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR070-03.410				
I-70 from 0.4 mi W of Alton & Darby Creek Rd to 0.3 mi W of Wilson Rd, Major Widening/Resurfacing				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				GARVEE	Con	\$15,000,000	2016
				NHPP	Con	\$2,113,993	2016
				State	Con	\$8,130,963	2016
				Bond	Con	\$22,000,000	2016
<b>MORPC ID:</b> 3214	<b>PID:</b> 103487	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR070-14.56				
I-70/71 (Ph.2G), Major Widening				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STBG-S	Con	\$287,624	2017
				Local	Con	\$2,719,424	2017
				NHPP	Con	\$28,457,020	2017
				STBG-M	Con	\$880,000	2017
				State	Con	\$4,752,686	2017
<b>MORPC ID:</b> 2877	<b>PID:</b> 95639	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR070-22.61 (FEF-1A)				
I-70 at I-270 (East Outerbelt), Interchange Modification				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	PE DD	\$720,000	2016
				IM	PE DD	\$6,480,000	2016
<b>MORPC ID:</b> 2644	<b>PID:</b> 93496	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR071-0.00				
I-71 from Pickaway Co Line to SR-665, Major Widening/Bridge Deck Replace				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	ROW	\$15,000	2016
<b>MORPC ID:</b> 2447	<b>PID:</b> 84868	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR071-05.290				
I-71 from SR-665 to Stringtown Rd, Major Widening/Bridge Deck Replace				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	Con	\$2,639,358	2016
				Federal	Con	\$56,920	2016
				State	Con	\$475,671	2016
				GARVEE	Con	\$38,037,112	2016
<b>MORPC ID:</b> 2871	<b>PID:</b> 92615	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR071-07.45				
I-71 at I-270 (South Outerbelt) and Stringtown Rd, Interchange Modification/Minor Widening				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	PE Envir	\$2,815,968	2016
				State	PE Envir	\$312,885	2016
				State	PE DD	\$113,037	2017
				NHPP	PE DD	\$1,017,331	2017

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

\* Project was part of a Statewide Line Item



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 1332	<b>PID:</b> 77371	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR071-17.14				
I-70/I-71 Innerbelt (Phase 3) from Main St to Long St, Major Widening/Bridge Replacement				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				IM	ROW	\$344,205	2016
				State	ROW	\$38,245	2016
				IM	ROW	\$10,547,702	2017
				State	ROW	\$1,171,967	2017
<b>MORPC ID:</b> 2672	<b>PID:</b> 76469	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR270-09.15				
I-270 (West Outerbelt) from I-70 to US-33, Major Widening/Minor Pavement Rehabilitation				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	ROW	\$1,203,677	2016
				State	PE	\$20,181	2016
				State	PE DD	\$88,116	2016
				GARVEE	Con	\$32,000,000	2017
				State	Con	\$5,831,325	2017
				State	PE DD	\$404,182	2017
				Bond	Con	\$27,078,000	2017
<b>MORPC ID:</b> 2470	<b>PID:</b> 87935	<b>Agency:</b> ODOT 5	<b>CRS:</b> LIC-SR310-00.74				
SR-310 at I-70, Interchange Modification				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local-Other	Con	\$270,870	2016
				State	ROW	\$9,724	2016
				STP-M	ROW	\$38,896	2016
				State	Con	\$2,332,259	2016
				Local	Con	\$104,504	2016
				NHPP	Con	\$2,129,250	2016
				STP-S	Con	\$794,888	2016
				STP-M	Con	\$7,090,128	2016
				State	ROW	\$10,276	2017
				STP-M	ROW	\$41,104	2017
<b>Total for Freeway Expansion (41 project phases)</b>						<b>\$228,574,491</b>	
<b>ITS &amp; TDM</b>							
<b>MORPC ID:</b> 2830	<b>PID:</b> 95383	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-FY2017-Signal Upgrade				
* Various locations in District 5, Signals				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-S	ROW	\$80,000	2016
				State	PE Envir	\$71,926	2016
				NHPP	ROW	\$48,000	2016
				State	ROW	\$24,800	2016
				Federal	Con	\$25,485	2017
				STBG-S	Con	\$696,397	2017
				NHPP	Con	\$350,391	2017
				State	Con	\$268,185	2017
<b>MORPC ID:</b> 3108	<b>PID:</b> 101844	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-Regional Pedestrian Signals-				
Regional Pedestrian Signals, Signals				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	PE Envir	\$36,818	2016
				HSIP	PE DD	\$4,395	2016
				HSIP	Con	\$640,850	2017
<b>MORPC ID:</b> 3062	<b>PID:</b> 98818	<b>Agency:</b> ODOT	<b>CRS:</b> D06-Regionwide Systematic Safety Improvements,				
Regionwide Systematic Safety Improvements, Phase 1, Signals				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	Con	\$814,610	2016
				Local	Con	\$69,790	2016
				STP-M	Con	\$6,600	2016

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 2531	<b>PID:</b> 90773	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC 16-Rideshare Pgm				
RideSolutions, SFY 2016, Ridesharing			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			CMAQ-M	Plan	\$603,000	2016	
<b>MORPC ID:</b> 2664	<b>PID:</b> 95498	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC FY 17-Rideshare Pgm				
RideSolutions, SFY 2017, Ridesharing			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			CMAQ-M	Plan	\$810,000	2017	
<b>MORPC ID:</b> 932	<b>PID:</b> 82573	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-SGNL-Phase D				
Signals Phase D, Signalization			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			CMAQ-M	Con	\$12,056,697	2017	
			Local	Con	\$1,307,736	2017	
<b>MORPC ID:</b> 1789	<b>PID:</b> 90383	<b>Agency:</b> Whitehall	<b>CRS:</b> FRA-Whitehall Signals-				
Whitehall Signals, Signalization			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			CMAQ-M	Con	\$4,172,290	2016	
<b>Total for ITS &amp; TDM (19 project phases)</b>					<b>\$22,087,970</b>		
<b>Maintenance</b>							
<b>MORPC ID:</b> 1638	<b>PID:</b> 21642	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-CS-FY2016 (A)				
* Various locations in District 5, Maintenance Activity			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			STP-S	Con	\$142,488	2016	
			State	Con	\$103,112	2016	
<b>MORPC ID:</b> 2678	<b>PID:</b> 87757	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-PCS-FY 2016				
* Various locations in District 5, Crack Sealing			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			State	Con	\$102,514	2016	
			NHPP	Con	\$266,396	2016	
<b>MORPC ID:</b> 2358	<b>PID:</b> 87631	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-PM FY2016(A)-Fast Dry				
* Various routes in District 5, Pavement Marking			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			State	Con	\$327,846	2016	
			Federal	Con	\$462,344	2016	
<b>MORPC ID:</b> 2354	<b>PID:</b> 87611	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-PM FY2016(B)-Spray Thermo				
* Various routes in District 5, Pavement Marking			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			Federal	Con	\$370,564	2016	
			State	Con	\$114,419	2016	
<b>MORPC ID:</b> 1632	<b>PID:</b> 81866	<b>Agency:</b> ODOT 5	<b>CRS:</b> D05-PM FY2016(C)-Thermo				
* Various locations in District 5, Pavement Marking			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			State	Con	\$199,590	2016	
<b>MORPC ID:</b> 2683	<b>PID:</b> 88863	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-Crackseal PPM-FY16				
* Various locations in District 6, Crack Sealing			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			STP-S	Con	\$285,990	2016	
			State	Con	\$104,606	2016	
			NHPP	Con	\$132,433	2016	
<b>MORPC ID:</b> 2705	<b>PID:</b> 91831	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-Crackseal PPM-FY17				
* Various locations in District 6, Crack Sealing			<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	
			State	Con	\$101,700	2017	
			STP-S	Con	\$582,300	2017	

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 2735	<b>PID:</b> 92170	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-ELEC-FY16																				
* Various locations in District 6, Maintenance Activity																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$507,000</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$507,000	2016												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$507,000	2016																				
<b>MORPC ID:</b> 2383	<b>PID:</b> 89303	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-ExtruSign-Cities																				
* Various locations in District 6, Signage																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$625,935</td><td>2017</td></tr><tr><td>NHPP</td><td>Con</td><td>\$1,286,754</td><td>2017</td></tr><tr><td>STP-S</td><td>Con</td><td>\$8,000</td><td>2017</td></tr><tr><td>NHS</td><td>Con</td><td>\$1,923,849</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$625,935	2017	NHPP	Con	\$1,286,754	2017	STP-S	Con	\$8,000	2017	NHS	Con	\$1,923,849	2017
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$625,935	2017																				
NHPP	Con	\$1,286,754	2017																				
STP-S	Con	\$8,000	2017																				
NHS	Con	\$1,923,849	2017																				
<b>MORPC ID:</b> 3001	<b>PID:</b> 97306	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-GR-End Treat																				
* District 6 Guardrail End Treatment, Guardrail Maintenance																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>HSIP</td><td>Con</td><td>\$426,500</td><td>2016</td></tr><tr><td>State</td><td>Con</td><td>\$35,672</td><td>2016</td></tr><tr><td>NHPP</td><td>Con</td><td>\$142,388</td><td>2016</td></tr><tr><td>STP-S</td><td>Con</td><td>\$88,800</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	HSIP	Con	\$426,500	2016	State	Con	\$35,672	2016	NHPP	Con	\$142,388	2016	STP-S	Con	\$88,800	2016
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
HSIP	Con	\$426,500	2016																				
State	Con	\$35,672	2016																				
NHPP	Con	\$142,388	2016																				
STP-S	Con	\$88,800	2016																				
<b>MORPC ID:</b> 2731	<b>PID:</b> 92159	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-GR-FY16																				
* Various locations in District 6, Guardrail Maintenance																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$463,000</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$463,000	2016												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$463,000	2016																				
<b>MORPC ID:</b> 2729	<b>PID:</b> 92147	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-MOWB-FY16																				
Various locations in District 6, Mowing																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$722,620</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$722,620	2016												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$722,620	2016																				
<b>MORPC ID:</b> 2730	<b>PID:</b> 92156	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-PMA-FY17																				
* Various locations in District 6, Pavement Marking																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$188,100</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$188,100	2017												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$188,100	2017																				
<b>MORPC ID:</b> 2732	<b>PID:</b> 92160	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-PMF-FY16																				
* Various locations in District 6, Pavement Marking																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$2,968,750</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$2,968,750	2016												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$2,968,750	2016																				
<b>MORPC ID:</b> 2737	<b>PID:</b> 92172	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-PMF-FY17																				
* Various locations in District 6, Pavement Marking																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$2,677,090</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$2,677,090	2017												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$2,677,090	2017																				
<b>MORPC ID:</b> 3182	<b>PID:</b> 101435	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-PPM-FY17D																				
* Various locations in District 6, Preventive Pavement Maintenance																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$356,902</td><td>2017</td></tr><tr><td>Federal</td><td>Con</td><td>\$1,427,608</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$356,902	2017	Federal	Con	\$1,427,608	2017								
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$356,902	2017																				
Federal	Con	\$1,427,608	2017																				
<b>MORPC ID:</b> 2738	<b>PID:</b> 92176	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-RPM-FY16																				
* Various locations in District 6, Raised Pavement Markers																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$200,000</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$200,000	2016												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$200,000	2016																				
<b>MORPC ID:</b> 2739	<b>PID:</b> 92178	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-RPM-FY17																				
* Various locations in District 6, Raised Pavement Markers																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$226,000</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$226,000	2017												
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$226,000	2017																				
<b>MORPC ID:</b> 3050	<b>PID:</b> 99730	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-SP Concrete Repair-FY16																				
* I-270 from Sunbury Rd to McCutcheon Rd, Minor Pavement Rehabilitation																							
			<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>State</td><td>Con</td><td>\$148,681</td><td>2016</td></tr><tr><td>NHPP</td><td>Con</td><td>\$1,338,129</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	State	Con	\$148,681	2016	NHPP	Con	\$1,338,129	2016								
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>																				
State	Con	\$148,681	2016																				
NHPP	Con	\$1,338,129	2016																				

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 3191	<b>PID:</b> 102046	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-SP FY17-Concrete
* Various locations in District 6, Maintenance Activity			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	PE DD	\$1,000
	STP-S	Con	\$157,992
	State	Con	\$265,872
	Federal	Con	\$52,606
	NHPP	Con	\$1,970,817
			<b>SFY</b>
			2016
			2017
			2017
			2017
			2017
<b>MORPC ID:</b> 2701	<b>PID:</b> 91624	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-SP-FY16
* Various locations in District 6, Resurfacing			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	NHPP	Con	\$2,219,967
	State	Con	\$246,663
			<b>SFY</b>
			2016
			2016
<b>MORPC ID:</b> 2706	<b>PID:</b> 91833	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-SP-FY17
* Various locations in District 6, Resurfacing			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	NHPP	Con	\$930,375
	State	Con	\$103,375
			<b>SFY</b>
			2017
			2017
<b>MORPC ID:</b> 2462	<b>PID:</b> 86149	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-SR003-01.38/5.41
* SR-3 from Westerville north corp limit to US-36/SR-37, Minor Pavement Rehabilitation/Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	NHPP	Con	\$1,247,360
	State	Con	\$621,140
	HSIP	Con	\$1,001,700
	Local	Con	\$100,000
			<b>SFY</b>
			2016
			2016
			2016
			2016
<b>MORPC ID:</b> 2955	<b>PID:</b> 99811	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-CR024-02.93
South Old 3C Hwy from Tussic St to Harrison St, Resurfacing			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$335,097
	STP-M	Con	\$1,340,388
			<b>SFY</b>
			2017
			2017
<b>MORPC ID:</b> 3150	<b>PID:</b> 100908	<b>Agency:</b> Delaware	<b>CRS:</b> DEL-SR037-08.87
W Central Ave from Morning St to Euclid Ave, Signage/ITS			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	HSIP	Con	\$215,000
	Local	Con	\$30,400
	STP-M	Con	\$89,007
			<b>SFY</b>
			2017
			2017
			2017
<b>MORPC ID:</b> 2834	<b>PID:</b> 95466	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-SR315-00.86
* SR-315 from 0.56 mi S of SR-750 to 0.34 mi S of SR-750, Maintenance Activity/Culvert Maintenance			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	ROW	\$220,000
	STP-S	Con	\$2,454,440
	State	Con	\$613,572
			<b>SFY</b>
			2016
			2017
			2017
<b>MORPC ID:</b> 3101	<b>PID:</b> 99400	<b>Agency:</b> Fairfield County	<b>CRS:</b> FAI-Fairfield County 2015 Sign Upgrade-
* Fairfield County 2015 Sign Upgrade, Signage			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	HSIP-C	Con	\$13,800
	Local	Con	\$3,450
			<b>SFY</b>
			2016
			2016
<b>MORPC ID:</b> 3130	<b>PID:</b> 99371	<b>Agency:</b> MORPC	<b>CRS:</b> FAI-Fairfield County MORPC Systemic-
* Fairfield County MORPC Systemic, Signage			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	HSIP	Other	\$8,757
			<b>SFY</b>
			2016
<b>MORPC ID:</b> 3038	<b>PID:</b> 93021	<b>Agency:</b> ODOT	<b>CRS:</b> FAI-US033-00.00
* US 33 from Franklin Co Line to Winchester Rd/High St, Resurfacing			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$726,740
	NHPP	Con	\$2,906,959
			<b>SFY</b>
			2017
			2017

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 2744	<b>PID:</b> 93009	<b>Agency:</b> ODOT 5	<b>CRS:</b> FAI-US033-06.49
* US-33 from 0.06 mi. N of Winchester Rd to SR-188, Minor Pavement Rehabilitation/Resurfacing			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	PE Envir	\$500
	State	Con	\$1,688,448
	NHPP	Con	\$6,753,792
			<b>SFY</b>
			2016
			2017
			2017
<b>MORPC ID:</b> 3124	<b>PID:</b> 97723	<b>Agency:</b> ODOT 5	<b>CRS:</b> FAI-IR070-01.85
* I-70 at SR-204 eastbound off-ramp, Maintenance Activity			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$126,640
			<b>SFY</b>
			2016
<b>MORPC ID:</b> 3266	<b>PID:</b> 104201	<b>Agency:</b> Fairfield County	<b>CRS:</b> FAI-2017 Sign Upgrade-
* Fairfield Co 2017 Sign Upgrade, Signage			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$3,662
	HSIP-C	Con	\$14,648
			<b>SFY</b>
			2017
			2017
<b>MORPC ID:</b> 2743	<b>PID:</b> 92976	<b>Agency:</b> ODOT 5	<b>CRS:</b> FAI-SR310-00.00
* SR-310 from SR-204 to SR-161, Resurfacing/Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$154,005
	STP-S	Con	\$1,870,750
	Federal	Con	\$81,563
	State	Con	\$353,557
			<b>SFY</b>
			2016
			2016
			2016
			2016
<b>MORPC ID:</b> 3123	<b>PID:</b> 96255	<b>Agency:</b> ODOT	<b>CRS:</b> FRA-Aviation Water Booster Pump-Aviation Complex
* Aviation Water Booster Pump at Aviation Complex, Site Maintenance			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$821,530
			<b>SFY</b>
			2017
<b>MORPC ID:</b> 2805	<b>PID:</b> 95234	<b>Agency:</b> Grandview Heights	<b>CRS:</b> FRA-Grandview SRTS-Inf
* Various locations in Grandview Heights, Pavement Marking			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	PE DD	\$468
	Local	Con	\$15,806
	SRTS	Con	\$204,194
			<b>SFY</b>
			2016
			2017
			2017
<b>MORPC ID:</b> 2733	<b>PID:</b> 92161	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-GR-FY16
* Various locations in District 6, Guardrail Maintenance			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$1,418,568
			<b>SFY</b>
			2016
<b>MORPC ID:</b> 2734	<b>PID:</b> 92166	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-GR-FY17
* Various locations in District 6, Guardrail Maintenance			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$1,472,247
			<b>SFY</b>
			2017
<b>MORPC ID:</b> 3119	<b>PID:</b> 76396	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-Interstate Routes inside I-270 Outerbelt-
* Interstate Routes inside I-270 Outerbelt, Maintenance Activity			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Other	\$439,500
			<b>SFY</b>
			2016
<b>MORPC ID:</b> 2965	<b>PID:</b> 92154	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-Landscape Maintenanc-FY16
* Various interstate routes in Franklin County, Maintenance Activity			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$288,000
			<b>SFY</b>
			2016
<b>MORPC ID:</b> 2966	<b>PID:</b> 92155	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-Landscape Maintenanc-FY17
* Various interstate routes in Franklin County, Maintenance Activity			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	State	Con	\$425,340
			<b>SFY</b>
			2017
<b>MORPC ID:</b> 3128	<b>PID:</b> 99367	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-Obetz MORPC Systematic Signage-
* Obetz MORPC Systematic Signage, Signage			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	HSIP	Other	\$3,851
			<b>SFY</b>
			2016

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<b>MORPC ID:</b> 2911	<b>PID:</b> 97656	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-Pedestrian Hybrid Beacons-				
* Pedestrian Hybrid Beacons, Signage				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	Con	\$478,818	2016
<b>MORPC ID:</b> 1492	<b>PID:</b> 79662	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US033-26.120				
* US-33 from 0.16 mi E of SR-317 to Fairfield Co Line, Resurfacing/Intersection Modification				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	Con	\$1,376,458	2016
				State	Con	\$390,770	2016
				HSIP	Con	\$455,400	2016
<b>MORPC ID:</b> 2478	<b>PID:</b> 86001	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US062-22.260				
* US-62 from I-670 to Gahanna corp limit (0.1 mi south of Morse Rd), Resurfacing				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$277,925	2017
				State	Con	\$81,385	2017
				STP-S	Con	\$1,437,240	2017
<b>MORPC ID:</b> 2991	<b>PID:</b> 96305	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR161-08.67				
* SR-161 from Olentangy River Rd to just W of CSX RR overpass, Resurfacing				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$15,691	2017
				NHPP	Con	\$641,610	2017
				Local	Con	\$153,622	2017
<b>MORPC ID:</b> 1494	<b>PID:</b> 79664	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR161-17.30				
* SR-161 from Little Turtle Way to Blacklick Creek, Resurfacing				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	Con	\$4,330,256	2016
				State	Con	\$1,082,564	2016
<b>MORPC ID:</b> 2674	<b>PID:</b> 81360	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR270-26.49				
* I-270 (North Outerbelt) from I-71 to Dempsey Rd, Minor Pavement Rehabilitation				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				NHPP	Con	\$5,571,846	2016
				State	Con	\$619,094	2016
<b>MORPC ID:</b> 2675	<b>PID:</b> 84620	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR270-31.70				
* I-270 from S of Sunbury Rd to bridge over Big Walnut Cr, Minor Pavement Rehabilitation/Safety Improvement				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	PE DD	\$36,265	2016
				State	PE DD	\$8,954	2016
				NHPP	PE DD	\$44,323	2016
				NHPP	Con	\$573,928	2017
				Bond	Con	\$668,010	2017
				IM	Con	\$6,707,853	2017
				State	Con	\$581,585	2017
				HSIP	Con	\$3,964,572	2017
				NHPP	PE DD	\$2,728	2017
				HSIP	PE DD	\$8,777	2017
				State	PE DD	\$1,278	2017
<b>MORPC ID:</b> 2441	<b>PID:</b> 76352	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR270-40.45				
* I-270 from E Broad St to Noe-Bixby Rd, Minor Pavement Rehabilitation/Bridge Deck Overlay				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$618,200	2016
				NHPP	Con	\$5,563,800	2016
<b>MORPC ID:</b> 2676	<b>PID:</b> 85997	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR317-13.48				
* Hamilton Rd at two segments in Whitehall, Resurfacing				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$103,134	2016
				NHPP	Con	\$241,248	2016

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<b>MORPC ID:</b> 3129	<b>PID:</b> 99370	<b>Agency:</b> MORPC	<b>CRS:</b> LIC-Pataskala MORPC Systemic Signage-				
* Pataskala MORPC Systemic Signage, Signage				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	Other	\$13,669	2016
<b>Total for Maintenance (110 project phases)</b>						<b>\$89,122,630</b>	
<b>Safety &amp; Minor Widening</b>							
<b>MORPC ID:</b> 3005	<b>PID:</b> 97689	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-PTSWF Sign Removal-				
Franklin Co PTSWF Sign Removal, Traffic Control				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$245,850	2016
<b>MORPC ID:</b> 3004	<b>PID:</b> 97688	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-School Flasher-Replacement				
District 6 School Flasher Replacement, Traffic Control				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$532,000	2016
				Local	Con	\$59,000	2016
<b>MORPC ID:</b> 3152	<b>PID:</b> 100944	<b>Agency:</b> Columbus	<b>CRS:</b> D06-SRTS Columbus Non-Inf				
* Columbus Safe Routes to Schools, Safety Program				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				TAP-S	Other	\$60,000	2017
<b>MORPC ID:</b> 3151	<b>PID:</b> 100943	<b>Agency:</b> Delaware	<b>CRS:</b> D06-SRTS Delaware Non-Inf				
* Delaware Safe Routes to Schools, Safety Program				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				TAP-S	Other	\$15,000	2016
<b>MORPC ID:</b> 3153	<b>PID:</b> 100947	<b>Agency:</b> Grandview Heights	<b>CRS:</b> D06-SRTS Grandview Non-Inf				
* Grandview Heights Safe Routes to Schools, Safety Program				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				TAP-S	Other	\$12,500	2016
<b>MORPC ID:</b> 3074	<b>PID:</b> NA	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-E Powell Rd-Phase 2				
E Powell Rd from S Old State Rd to Bale Kenyon Rd, Minor Widening/Signalization				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	ROW	\$300,000	2017
<b>MORPC ID:</b> 2839	<b>PID:</b> NA	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-CR013-Big Walnut Rd				
Worthington Rd at Big Walnut Rd, Intersection Modification				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$2,400,000	2017
<b>MORPC ID:</b> 1463	<b>PID:</b> 79366	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-US023-08.770				
* US-23 at SR-315 and Stratford Rd, Intersection Modification/Safety Improvement				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				HSIP	Con	\$1,589,310	2016
				State	Con	\$221,655	2016
				STP-S	Con	\$180,264	2016
				STP-M	Con	\$250,000	2016
<b>MORPC ID:</b> 2637	<b>PID:</b> 94527	<b>Agency:</b> Delaware	<b>CRS:</b> DEL-US023-13.17				
US-23 at Pennsylvania Ave, Intersection Modification/Signalization				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	PE DD	\$23,935	2016
				STP-M	Con	\$2,314,351	2016
				Local	Con	\$160,980	2016
				STP-M	PE DD	\$5,984	2017
<b>MORPC ID:</b> 2897	<b>PID:</b> 96812	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-CR106-04.25				
Lewis Center Rd at Bale Kenyon Rd, Intersection Modification/Bridge Rehabilitation				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				Local	Con	\$488,903	2017
				STP-C	Con	\$1,936,212	2017

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<b>MORPC ID:</b> 2394	<b>PID:</b> NA	<b>Agency:</b> Orange Township	<b>CRS:</b> DEL-TR114-01.32				
Orange Rd at US 23, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$1,804,000	2016
				SCIP	Con	\$496,000	2016
<b>MORPC ID:</b> 3061	<b>PID:</b> NA	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-CR124-03.28				
Home Rd at Steitz Rd, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$1,120,000	2016
				LTIP	Con	\$480,000	2016
<b>MORPC ID:</b> 3003	<b>PID:</b> 97464	<b>Agency:</b> ORDC	<b>CRS:</b> DEL-SR750-Queue Cuttr CSX				
* Olentangy St (SR-750) at CSX RR, RR-Hwy Xing Safety Improvement				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				RRX	Con	\$193,580	2016
<b>MORPC ID:</b> 2546	<b>PID:</b> NA	<b>Agency:</b> Dublin	<b>CRS:</b> FRA-Avery-Muirfield Dr-Tullymore Dr/Valley Stream				
Avery-Muirfield Dr at Tullymore Dr/Valley Stream Dr & Avery Rd, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$400,000	2016
<b>MORPC ID:</b> 2766	<b>PID:</b> 94913	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-Georgesville-Holt				
* Georgesville Rd at Holt Rd/Automall Dr, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				HSIP	Con	\$2,160,000	2016
				Local	Con	\$491,174	2016
<b>MORPC ID:</b> 3060	<b>PID:</b> NA	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-Parsons Ave-Hosack St				
Parsons Ave from Hosack St to Livingston Ave, Operational Upgrades/Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$2,921,270	2016
				SCIP	Con	\$1,929,600	2016
<b>MORPC ID:</b> 2894	<b>PID:</b> 95366	<b>Agency:</b> ORDC	<b>CRS:</b> FRA-Waggoner Rd-OHCR				
Waggoner Rd at OHCR grade crossing, RR Grade Crossing				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				RRX	Con	\$147,870	2016
<b>MORPC ID:</b> 2903	<b>PID:</b> 97167	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR003-21.20				
Westerville Rd at Innis Rd, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				State	ROW	\$4	2016
				HSIP	ROW	\$36,000	2016
				State	Con	\$104,625	2017
				HSIP	Con	\$914,622	2017
<b>MORPC ID:</b> 2870	<b>PID:</b> 95637	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-CR011 (Alkire Rd)-Darby Creek Dr				
* Alkire Rd at Darby Creek Dr, Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				STP-C	Con	\$1,919,679	2017
				Local	Con	\$479,920	2017
<b>MORPC ID:</b> 2831	<b>PID:</b> NA	<b>Agency:</b> Dublin	<b>CRS:</b> FRA-US033-Bridge St (SR-161)				
Riverside Dr (US-33/SR-257) at Bridge St (SR-161), Intersection Modification				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$7,790,000	2016
<b>MORPC ID:</b> 1482	<b>PID:</b> 76282	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US040-04.71				
W Broad St (US-40) from Hilliard-Rome Rd to just E of I-270, Safety Improvement/Streetscape				<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>
				Local	Con	\$27,812	2016
				TAP-M	Con	\$111,247	2016

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<b>MORPC ID:</b> 2391	<b>PID:</b> NA	<b>Agency:</b> Upper Arlington	<b>CRS:</b> FRA-CR060-Phase 1
Tremont Rd from Ridgeview Rd to Kenny Rd, Operational Upgrades/Bicycle Lanes			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	SCIP	Con	\$4,472,216
	Local	Con	\$3,585,903
<b>MORPC ID:</b> 2592	<b>PID:</b> NA	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-CR088-Joyce Ave Ph 3
Joyce Ave (Phase 3) from 17th Ave to Kenmore Rd, Minor Widening/Multi-Use Path			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	ROW	\$625,000
	SCIP	Con	\$3,500,000
	Local	Con	\$4,259,741
<b>MORPC ID:</b> 3209	<b>PID:</b> NA	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-CR122-Toy Rd
Alum Creek Dr at Toy Rd, Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$1,200,000
	Private	Con	\$557,000
	State	Con	\$1,000,000
<b>MORPC ID:</b> 2428	<b>PID:</b> 90241	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-CR222-Refugee Rd
Gender Rd at Refugee Rd, Intersection Modification/Bicycle Lanes			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	HSIP	Con	\$2,487,722
	CMAQ-M	Con	\$2,073,849
	Local	Con	\$1,157,896
<b>MORPC ID:</b> 874	<b>PID:</b> NA	<b>Agency:</b> Dublin	<b>CRS:</b> FRA-SR257-Tuller Rd
Riverside Dr at Tuller Rd, Intersection Modification/Realignment			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$5,775,000
<b>MORPC ID:</b> 3279	<b>PID:</b> 104713	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR315-1.97
SR-315 at Olentangy River Rd (ORR)/Goodale Blvd, Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	NHPP	Con	\$1,712,000
	ODSA	Con	\$1,500,000
	State	Con	\$533,000
<b>MORPC ID:</b> 1189	<b>PID:</b> 97232	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-CR376-04.11
Winchester Pike at Shannon Rd/Ebright Rd, Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	STP-C	Con	\$2,000,000
	Local	Con	\$875,682
<b>MORPC ID:</b> 1572	<b>PID:</b> 82404	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-CR376-06.10
Winchester Pk at Bixby Rd/Brice Rd, Intersection Modification/Signalization			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	Local	Con	\$1,572,601
	STP-C	Con	\$3,000,000
<b>MORPC ID:</b> 1428	<b>PID:</b> 94931	<b>Agency:</b> Westerville	<b>CRS:</b> FRA-SR710-03.21
Cleveland Ave at Schrock Rd, Intersection Modification			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>
	STP-M	ROW	\$960,000
	LTIP	Con	\$433,333
	Local	ROW	\$240,000
	HSIP	Con	\$3,900,000
	Local	Con	\$964,105
	STBG-M	Con	\$3,856,419

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

\* Project was part of a Statewide Line Item



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 1798	<b>PID:</b> 90385	<b>Agency:</b> Etna Township	<b>CRS:</b> LIC-TR169-04.60				
Taylor Rd from Old Taylor Rd to 475' S of Windsor Dr, Minor Widening/Signalization				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				SCIP	Con	\$1,159,792	2016
				Local-Other	Con	\$267,610	2016
				Local	ROW	\$231,053	2016
				Local	Con	\$65,390	2016
				CMAQ-M	Con	\$3,004,344	2016
				STP-M	ROW	\$247,760	2016
				STP-M	PE Envir	\$7,278	2016
				Local	Con	\$526	2017
				CMAQ-M	Con	\$2,106	2017
<b>Total for Safety &amp; Minor Widening (72 project phases)</b>						<b>\$91,550,672</b>	
<b>Study or Other</b>							
<b>MORPC ID:</b> 2726	<b>PID:</b> 92050	<b>Agency:</b> ODOT 6	<b>CRS:</b> D06-CON ENGR-FY 17G				
* Various locations in District 6, Inspection services				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Con	\$400,000	2017
<b>MORPC ID:</b> 3084	<b>PID:</b> 100104	<b>Agency:</b> ODOT	<b>CRS:</b> DEL-US 23/42/36 Freight Study-				
US 23/42/36 Freight Study, Study				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	Plan	\$66,443	2016
				SPR	Plan	\$265,772	2016
<b>MORPC ID:</b> 1991	<b>PID:</b> 92241	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-Columbus PTW-FY 16-17				
Paving the Way SFY16-17, Program Administration				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	PE	\$144,000	2016
<b>MORPC ID:</b> 3210	<b>PID:</b> 103350	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-inisight2050-Phase 3				
insight2050 Phase 3, Planning Activity				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	Plan	\$300,000	2017
<b>MORPC ID:</b> 2528	<b>PID:</b> 90769	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC 16-Air Quality Pgm				
Air Quality Awareness, SFY 2016, Air Quality Project				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				CMAQ-M	Plan	\$360,000	2016
<b>MORPC ID:</b> 1961	<b>PID:</b> 95501	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC FY 16-Reg Trans Plng				
Supplemental Planning, SFY 2016, Planning Activity				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	Plan	\$550,000	2016
<b>MORPC ID:</b> 2662	<b>PID:</b> 95492	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC FY 17-Air Quality Pgm				
Air Quality Awareness, SFY 2017, Air Quality Project				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				CMAQ-M	Plan	\$400,000	2017
<b>MORPC ID:</b> 2666	<b>PID:</b> 95502	<b>Agency:</b> MORPC	<b>CRS:</b> FRA-MORPC FY 17-Reg Trans Plng				
Supplemental Planning, SFY 2017, Planning Activity				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				STP-M	Plan	\$250,000	2017
<b>MORPC ID:</b> 2760	<b>PID:</b> 94303	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-IR070-13.62 (Storm Se				
I-70 from E of Scioto River to W of Front St, Environmental Activity				<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
				State	ROW	\$288,372	2016
				State	Con	\$21,182	2016
				NHPP	Con	\$190,635	2016
				Bond	Con	\$3,026,024	2016

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

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\* Project was part of a Statewide Line Item



**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 3109 <b>PID:</b> 101775 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-SR161-05.77																								
SR-161 from Sawmill Rd to Olentangy River Rd, Preliminary Engineering																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>STP-M</td><td>PE Envir</td><td>\$30,000</td><td>2016</td></tr><tr><td>State</td><td>PE Envir</td><td>\$20,000</td><td>2016</td></tr><tr><td>State</td><td>PE Envir</td><td>\$94,470</td><td>2017</td></tr></table>	Source	Phase	Amount	SFY	STP-M	PE Envir	\$30,000	2016	State	PE Envir	\$20,000	2016	State	PE Envir	\$94,470	2017								
Source	Phase	Amount	SFY																						
STP-M	PE Envir	\$30,000	2016																						
State	PE Envir	\$20,000	2016																						
State	PE Envir	\$94,470	2017																						
<b>Total for Study or Other (16 project phases)</b>	<b>\$6,406,898</b>																								
<b>Transit Capital</b>																									
<b>MORPC ID:</b> 2780 <b>PID:</b> 95022 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2016 Bus Replacement-																								
DATA 2016 Bus Replacement, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>CMAQ-S</td><td>Other</td><td>\$305,600</td><td>2016</td></tr></table>	Source	Phase	Amount	SFY	CMAQ-S	Other	\$305,600	2016																
Source	Phase	Amount	SFY																						
CMAQ-S	Other	\$305,600	2016																						
<b>MORPC ID:</b> 3070 <b>PID:</b> 99898 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2016 JARC Activities-																								
DATA 2016 JARC Activities, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Sec 5307</td><td>Other</td><td>\$190,000</td><td>2016</td></tr><tr><td>Local-Transit</td><td>Other</td><td>\$220,000</td><td>2016</td></tr></table>	Source	Phase	Amount	SFY	Sec 5307	Other	\$190,000	2016	Local-Transit	Other	\$220,000	2016												
Source	Phase	Amount	SFY																						
Sec 5307	Other	\$190,000	2016																						
Local-Transit	Other	\$220,000	2016																						
<b>MORPC ID:</b> 2784 <b>PID:</b> 95029 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2017 Bus Replacement-																								
DATA 2017 Bus Replacement, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$36,000</td><td>2017</td></tr><tr><td>Sec 5339</td><td>Other</td><td>\$144,000</td><td>2017</td></tr></table>	Source	Phase	Amount	SFY	Local-Transit	Other	\$36,000	2017	Sec 5339	Other	\$144,000	2017												
Source	Phase	Amount	SFY																						
Local-Transit	Other	\$36,000	2017																						
Sec 5339	Other	\$144,000	2017																						
<b>MORPC ID:</b> 2783 <b>PID:</b> 95027 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2017 Capital Maintenance-																								
DATA 2017 Capital Maintenance, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$56,000</td><td>2017</td></tr><tr><td>Sec 5307</td><td>Other</td><td>\$224,000</td><td>2017</td></tr></table>	Source	Phase	Amount	SFY	Local-Transit	Other	\$56,000	2017	Sec 5307	Other	\$224,000	2017												
Source	Phase	Amount	SFY																						
Local-Transit	Other	\$56,000	2017																						
Sec 5307	Other	\$224,000	2017																						
<b>MORPC ID:</b> 3071 <b>PID:</b> 99899 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2017 JARC Activities-																								
DATA 2017 JARC Activities, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Sec 5307</td><td>Other</td><td>\$190,000</td><td>2017</td></tr><tr><td>Local-Transit</td><td>Other</td><td>\$220,000</td><td>2017</td></tr></table>	Source	Phase	Amount	SFY	Sec 5307	Other	\$190,000	2017	Local-Transit	Other	\$220,000	2017												
Source	Phase	Amount	SFY																						
Sec 5307	Other	\$190,000	2017																						
Local-Transit	Other	\$220,000	2017																						
<b>MORPC ID:</b> 2785 <b>PID:</b> 95030 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA 2017 Support Equipment-																								
DATA 2017 Support Equipment, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$4,800</td><td>2017</td></tr><tr><td>Sec 5307</td><td>Other</td><td>\$19,200</td><td>2017</td></tr></table>	Source	Phase	Amount	SFY	Local-Transit	Other	\$4,800	2017	Sec 5307	Other	\$19,200	2017												
Source	Phase	Amount	SFY																						
Local-Transit	Other	\$4,800	2017																						
Sec 5307	Other	\$19,200	2017																						
<b>MORPC ID:</b> 2779 <b>PID:</b> 95020 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA Capitalized Maintenance-																								
DATA Capitalized Maintenance, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$56,000</td><td>2016</td></tr><tr><td>Sec 5307</td><td>Other</td><td>\$224,000</td><td>2016</td></tr></table>	Source	Phase	Amount	SFY	Local-Transit	Other	\$56,000	2016	Sec 5307	Other	\$224,000	2016												
Source	Phase	Amount	SFY																						
Local-Transit	Other	\$56,000	2016																						
Sec 5307	Other	\$224,000	2016																						
<b>MORPC ID:</b> 3091 <b>PID:</b> 101564 <b>Agency:</b> DATA	<b>CRS:</b> DEL-DATA Safety & Security-																								
DATA Safety & Security, Transit Activity																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Local</td><td>Other</td><td>\$2,000</td><td>2016</td></tr><tr><td>Sec 5307</td><td>Other</td><td>\$8,000</td><td>2016</td></tr></table>	Source	Phase	Amount	SFY	Local	Other	\$2,000	2016	Sec 5307	Other	\$8,000	2016												
Source	Phase	Amount	SFY																						
Local	Other	\$2,000	2016																						
Sec 5307	Other	\$8,000	2016																						
<b>MORPC ID:</b> 2777 <b>PID:</b> 95016 <b>Agency:</b> COTA	<b>CRS:</b> FRA-COTA 2016 Bus Replacement-																								
COTA 2016 Bus Replacement, Transit Replacement Capital																									
	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>SFY</th></tr><tr><td>Sec 5307</td><td>Other</td><td>\$5,678,493</td><td>2016</td></tr><tr><td>Local-Transit</td><td>Other</td><td>\$1,519,721</td><td>2016</td></tr><tr><td>CMAQ-S</td><td>Other</td><td>\$1,017,962</td><td>2016</td></tr><tr><td>CMAQ-M</td><td>Other</td><td>\$400,388</td><td>2016</td></tr><tr><td>Local</td><td>Other</td><td>\$254,491</td><td>2016</td></tr></table>	Source	Phase	Amount	SFY	Sec 5307	Other	\$5,678,493	2016	Local-Transit	Other	\$1,519,721	2016	CMAQ-S	Other	\$1,017,962	2016	CMAQ-M	Other	\$400,388	2016	Local	Other	\$254,491	2016
Source	Phase	Amount	SFY																						
Sec 5307	Other	\$5,678,493	2016																						
Local-Transit	Other	\$1,519,721	2016																						
CMAQ-S	Other	\$1,017,962	2016																						
CMAQ-M	Other	\$400,388	2016																						
Local	Other	\$254,491	2016																						

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 2787 <b>PID:</b> 95038 <b>Agency:</b> COTA COTA 2016 Paratransit Replacement, Transit Replacement Capital	<b>CRS:</b> FRA-COTA 2016 Paratransit Replacement-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local-Transit	Other	\$294,000	2016
	Sec 5307	Other	\$1,176,000	2016
<b>MORPC ID:</b> 3035 <b>PID:</b> 99074 <b>Agency:</b> COTA COTA 2016 Enhancements, Transit Activity	<b>CRS:</b> FRA-COTA 2016-Enhancements			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Sec 5307	Other	\$150,000	2016
	Local-Transit	Other	\$40,000	2016
<b>MORPC ID:</b> 2778 <b>PID:</b> 95018 <b>Agency:</b> COTA COTA 2017 Bus Replacement, Transit Replacement Capital	<b>CRS:</b> FRA-COTA 2017 Bus Replacement-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	CMAQ-M	Other	\$874,600	2017
	Local-Transit	Other	\$1,095,425	2017
	Sec 5307	Other	\$4,381,700	2017
	Local	Other	\$218,650	2017
<b>MORPC ID:</b> 2790 <b>PID:</b> 95042 <b>Agency:</b> COTA COTA 2017 Paratransit Expansion, Transit Expansion Capital	<b>CRS:</b> FRA-COTA 2017 Paratransit Expansion-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Sec 5307	Other	\$123,480	2017
	Local-Transit	Other	\$30,870	2017
<b>MORPC ID:</b> 2789 <b>PID:</b> 95040 <b>Agency:</b> COTA COTA 2017 Paratransit Replacement, Transit Replacement Capital	<b>CRS:</b> FRA-COTA 2017 Paratransit Replacement-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Sec 5307	Other	\$1,111,320	2017
	Local-Transit	Other	\$277,830	2017
<b>MORPC ID:</b> 3093 <b>PID:</b> 101565 <b>Agency:</b> COTA COTA 4G Cellular Connection for Buses, Transit Activity/ITS	<b>CRS:</b> FRA-COTA 4G Cellular Connection for Buses-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local-Transit	Other	\$2,500,000	2016
<b>MORPC ID:</b> 2568 <b>PID:</b> 92089 <b>Agency:</b> COTA COTA Canal Winchester Park & Ride, Transit Activity/Operations Facility	<b>CRS:</b> FRA-COTA Canal Winchester Park & Ride-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local-Transit	ROW	\$1,600,000	2017
<b>MORPC ID:</b> 2634 <b>PID:</b> 94357 <b>Agency:</b> COTA COTA Cleveland Ave BRT, Transit Expansion Capital	<b>CRS:</b> FRA-COTA Cleveland Ave BRT-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Sec 5309	Con	\$15,136,917	2016
	Local-Transit	Con	\$3,784,229	2016
	Sec 5309	ROW	\$2,328,580	2016
	Local-Transit	ROW	\$582,145	2016
	Local-Transit	Con	\$5,058,236	2017
	Sec 5309	Con	\$12,908,503	2017
	Sec 5309	Purch	\$7,080,000	2017
<b>MORPC ID:</b> 2862 <b>PID:</b> 95694 <b>Agency:</b> ODOT 5339 Columbus UZA, Transit Replacement Capital	<b>CRS:</b> FRA-COTA DEL DATA-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local-Transit	Other	\$387,864	2016
	Sec 5339	Other	\$1,551,454	2016
	Sec 5339	Other	\$1,551,454	2017
	Local-Transit	Other	\$387,864	2017
<b>MORPC ID:</b> 3195 <b>PID:</b> 102563 <b>Agency:</b> COTA COTA Easton Transit Center Renovation, Transit Activity	<b>CRS:</b> FRA-COTA Easton Transit Center Renovation-			
	<b>Source</b>	<b>Phase</b>	<b>Amount</b>	<b>SFY</b>
	Local	Con	\$1,410,625	2016
	Local	Con	\$702,156	2017

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**Table 1. Phases Included in the SFY 2016 to 2019 TIP that Were Authorized**

<b>MORPC ID:</b> 2814 <b>PID:</b> 95337 <b>Agency:</b> COTA COTA Enterprise Performance Management, Transit Activity	<b>CRS:</b> FRA-COTA Enterprise-Performance Mgt																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$3,700,000</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Local-Transit	Other	\$3,700,000	2017								
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Local-Transit	Other	\$3,700,000	2017														
<b>MORPC ID:</b> 2786 <b>PID:</b> 95037 <b>Agency:</b> COTA COTA Fields CNG Rehabilitation, Transit Activity	<b>CRS:</b> FRA-COTA Fields CNG Rehabilitation-																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Sec 5307</td><td>Other</td><td>\$22,800,000</td><td>2017</td></tr><tr><td>Local-Transit</td><td>Other</td><td>\$5,700,000</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Sec 5307	Other	\$22,800,000	2017	Local-Transit	Other	\$5,700,000	2017				
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Sec 5307	Other	\$22,800,000	2017														
Local-Transit	Other	\$5,700,000	2017														
<b>MORPC ID:</b> 3215 <b>PID:</b> 103887 <b>Agency:</b> COTA COTA Front Street Conduits, Transit Activity/ITS	<b>CRS:</b> FRA-COTA Front Street Conduits-																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Local</td><td>Con</td><td>\$1,491,631</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Local	Con	\$1,491,631	2017								
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Local	Con	\$1,491,631	2017														
<b>MORPC ID:</b> 2559 <b>PID:</b> 91748 <b>Agency:</b> COTA COTA 1600 McKinley Ave Facility Renovation, Transit Activity	<b>CRS:</b> FRA-COTA McKinley Ave-Renovation																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Local-Transit</td><td>Con</td><td>\$37,911,727</td><td>2017</td></tr><tr><td>Sec 5307</td><td>Con</td><td>\$10,861,593</td><td>2017</td></tr><tr><td>Sec 5339</td><td>Con</td><td>\$4,734,697</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Local-Transit	Con	\$37,911,727	2017	Sec 5307	Con	\$10,861,593	2017	Sec 5339	Con	\$4,734,697	2017
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Local-Transit	Con	\$37,911,727	2017														
Sec 5307	Con	\$10,861,593	2017														
Sec 5339	Con	\$4,734,697	2017														
<b>MORPC ID:</b> 3034 <b>PID:</b> 99073 <b>Agency:</b> COTA COTA Next Generation Plan, Transit Activity	<b>CRS:</b> FRA-COTA Next Generation-Plan																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Local-Transit</td><td>Other</td><td>\$475,392</td><td>2017</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Local-Transit	Other	\$475,392	2017								
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Local-Transit	Other	\$475,392	2017														
<b>MORPC ID:</b> 3075 <b>PID:</b> 100015 <b>Agency:</b> MORPC MORPC 5310 Program FY2016, Transit Activity	<b>CRS:</b> FRA-MORPC 5310 Program-FY2016																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Sec 5310</td><td>Capital</td><td>\$1,099,833</td><td>2016</td></tr><tr><td>Sec 5310</td><td>Administrative</td><td>\$199,970</td><td>2016</td></tr><tr><td>Sec 5310</td><td>Operating</td><td>\$699,894</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Sec 5310	Capital	\$1,099,833	2016	Sec 5310	Administrative	\$199,970	2016	Sec 5310	Operating	\$699,894	2016
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Sec 5310	Capital	\$1,099,833	2016														
Sec 5310	Administrative	\$199,970	2016														
Sec 5310	Operating	\$699,894	2016														
<b>MORPC ID:</b> 3076 <b>PID:</b> 100016 <b>Agency:</b> MORPC MORPC 5310 Program FY2017, Transit Activity	<b>CRS:</b> FRA-MORPC 5310 Program-FY2017																
	<table><tr><th><u>Source</u></th><th><u>Phase</u></th><th><u>Amount</u></th><th><u>SFY</u></th></tr><tr><td>Sec 5310</td><td>Administrative</td><td>\$99,896</td><td>2016</td></tr><tr><td>Sec 5310</td><td>Operating</td><td>\$349,637</td><td>2016</td></tr><tr><td>Sec 5310</td><td>Capital</td><td>\$549,429</td><td>2016</td></tr></table>	<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>	Sec 5310	Administrative	\$99,896	2016	Sec 5310	Operating	\$349,637	2016	Sec 5310	Capital	\$549,429	2016
<u>Source</u>	<u>Phase</u>	<u>Amount</u>	<u>SFY</u>														
Sec 5310	Administrative	\$99,896	2016														
Sec 5310	Operating	\$349,637	2016														
Sec 5310	Capital	\$549,429	2016														
<b>Total for Transit Capital (61 project phases)</b>																	
<b>\$168,188,256</b>																	

Some phases in State Fiscal Year (SFY) 2017 had not yet been authorized at the time this table was created. Because they had not been moved to 2018, it is assumed they will be authorized in 2017.

Local funds are included in this table for the ROW and Construction phases only.

\* Project was part of a Statewide Line Item



**Table 2. Projects with a Phase in SFYs 2016-2017 of the Previous TIP  
that Was Not Authorized**

<b>MORPC ID:</b> 3177 <b>PID:</b> 101391 <b>Agency:</b> ODOT 6 Various locations in District 6, Bridge Maintenance Activities	<b>CRS:</b> D06-Bridge Repair-Blanket FY19 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 2736 <b>PID:</b> 92171 <b>Agency:</b> ODOT 6 Various locations in District 6, Maintenance Activity	<b>CRS:</b> D06-ELEC-FY17 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3175 <b>PID:</b> 101326 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY16D <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3149 <b>PID:</b> 100878 <b>Agency:</b> ODOT 6 US-23 from just N of Troutman Rd to Weiser Rd (TR-226A), Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY18B <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3158 <b>PID:</b> 101185 <b>Agency:</b> ODOT 6 Segments on SR-257 & SR-750, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19B <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3160 <b>PID:</b> 101203 <b>Agency:</b> ODOT 6 Segments on US-23 & US-42, Minor Pavement Rehabilitation	<b>CRS:</b> D06-PPM-FY19C <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3165 <b>PID:</b> 101225 <b>Agency:</b> ODOT 6 Segments on SR-315, US-40 & US-62, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19D <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3159 <b>PID:</b> 101197 <b>Agency:</b> ODOT 6 US-40 from Big Darby Creek to Galloway Rd, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19E <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3180 <b>PID:</b> 101406 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19F <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3172 <b>PID:</b> 101316 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19G <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3161 <b>PID:</b> 101204 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY19I <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3170 <b>PID:</b> 101305 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY20B <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3174 <b>PID:</b> 101321 <b>Agency:</b> ODOT 6 Various locations in District 6, Preventive Pavement Maintenance	<b>CRS:</b> D06-PPM-FY20D <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 2693 <b>PID:</b> 91446 <b>Agency:</b> ODOT 6 N State St from Franklin Co line to N of Polaris Woods, Resurfacing	<b>CRS:</b> DEL-SR003-00.00 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>
<b>MORPC ID:</b> 3002 <b>PID:</b> 97431 <b>Agency:</b> Delaware County Lewis Center Rd at Worthington Rd/Rome Corners Rd, Intersection Modification	<b>CRS:</b> DEL-CR013-05.40 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>

\* Project is part of a Statewide Line Item



**Table 2. Projects with a Phase in SFYs 2016-2017 of the Previous TIP  
that Was Not Authorized**

<b>MORPC ID:</b> 3008	<b>PID:</b> 98040	<b>Agency:</b> ODOT 6	<b>CRS:</b> DEL-US023-17.74
US 23 from just N of Troutman Rd to Weiser Rd (TR-226A), Resurfacing		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 2836	<b>PID:</b> NA	<b>Agency:</b> Delaware County	<b>CRS:</b> DEL-CR024-00.07
S Old 3C Hwy from Mt Royal Ave to Freeman Rd, Minor Widening/Signalization		<b>Source</b>	<b>Phase</b>
		Local	Con
		<b>Amount</b>	<b>Revised SFY</b>
		\$6,950,000	2018
<b>MORPC ID:</b> 2781	<b>PID:</b> 95023	<b>Agency:</b> DATA	<b>CRS:</b> DEL-2016 Support-Equipment
DATA Bus Shelters (2), Transit Activity		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 2851	<b>PID:</b> NA	<b>Agency:</b> Hilliard	<b>CRS:</b> FRA-Combined w/ID 2388 Wilcox Rd-Riggins
Combined w/ID 2388 Wilcox Rd at Riggins Rd, Intersection Modification		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 2788	<b>PID:</b> 95039	<b>Agency:</b> COTA	<b>CRS:</b> FRA-COTA 2016 Paratransit Expansion-
COTA 2016 Paratransit Expansion, Transit Expansion Capital		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 2568	<b>PID:</b> 92089	<b>Agency:</b> COTA	<b>CRS:</b> FRA-COTA Canal Winchester Park & Ride-
COTA Canal Winchester Park & Ride, Transit Activity/Operations Facility		<b>Source</b>	<b>Phase</b>
		Local-Transit	Con
		<b>Amount</b>	<b>Revised SFY</b>
		\$1,293,632	2018
<b>MORPC ID:</b> 2863	<b>PID:</b> 96848	<b>Agency:</b> COTA	<b>CRS:</b> FRA-COTA Downtown Transit Stations-
COTA Downtown Transit Stations, Transit Activity		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 2865	<b>PID:</b> 96849	<b>Agency:</b> COTA	<b>CRS:</b> FRA-COTA Dublin Park and Ride-
COTA Dublin Park and Ride, Transit Activity		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 3072	<b>PID:</b> NA	<b>Agency:</b> Hilliard	<b>CRS:</b> FRA-Franklin St & Columbia St-
Franklin St & Columbia St, Reconstruction/Sidewalks		<b>Source</b>	<b>Phase</b>
		Local	Con
		<b>Amount</b>	<b>Revised SFY</b>
		\$1,900,000	2018
<b>MORPC ID:</b> 2841	<b>PID:</b> NA	<b>Agency:</b> Columbus	<b>CRS:</b> FRA-James Rd-Livingston Ave
James Rd from Livingston Ave to E Main St, Reconstruction		<b>Source</b>	<b>Phase</b>
		Local	Con
		<b>Amount</b>	<b>Revised SFY</b>
		\$5,200,000	2018
<b>MORPC ID:</b> 1916	<b>PID:</b> 87479	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-Rickenbacker Rail Spur-NS RR line
Rickenbacker Rail Spur from NS RR line to proposed rail campus, Study		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	
<b>MORPC ID:</b> 724	<b>PID:</b> NA	<b>Agency:</b> Hilliard	<b>CRS:</b> FRA-Scioto Darby-Leppert
Scioto Darby Rd & Leppert Rd, Major Widening/Minor Widening		<b>Source</b>	<b>Phase</b>
		SCIP	Con
		Local	Con
		<b>Amount</b>	<b>Revised SFY</b>
		\$7,157,500	2018
		\$1,185,000	2018
<b>MORPC ID:</b> 875	<b>PID:</b> 105761	<b>Agency:</b> Franklin County	<b>CRS:</b> FRA-Winchester Pike-Georges Creek
Winchester Pike at Georges Creek, Bridge Replacement		<b>Source</b>	<b>Phase</b>
		Local	PE Envir
		Local	PE DD
		<b>Amount</b>	<b>Revised SFY</b>
		\$25,000	2018
		\$150,000	2019
<b>MORPC ID:</b> 3049	<b>PID:</b> 99714	<b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US023-07.95
S High St at SR-104, Bridge Maintenance Activities		<i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>	

\* Project is part of a Statewide Line Item



**Table 2. Projects with a Phase in SFYs 2016-2017 of the Previous TIP  
that Was Not Authorized**

<b>MORPC ID:</b> 3063 <b>PID:</b> NA <b>Agency:</b> Columbus	<b>CRS:</b> FRA-US023-Rathmell Ave																																																				
S High St at Rathmell Ave, Intersection Modification/Safety Improvement	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 3116 <b>PID:</b> 88943 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US033-20.69																																																				
US-33/College Ave from Livingston Ave to just W of I-270, Minor Pavement Rehabilitation	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 3064 <b>PID:</b> NA <b>Agency:</b> Columbus	<b>CRS:</b> FRA-US033-Front St																																																				
Livingston Ave from Front St to High St, Operational Upgrades	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 726 <b>PID:</b> 90989 <b>Agency:</b> Hilliard	<b>CRS:</b> FRA-CR039-00.00																																																				
Cosgray Rd extension from Scioto Darby Rd to Alton & Darby Creek Rd N of Heritage Club Dr, New Roadway/Realignment	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>Revised SFY</th></tr><tr><td>Local</td><td>PE DD</td><td>\$1,556,000</td><td>2018</td></tr><tr><td>Local</td><td>ROW</td><td>\$2,450,000</td><td>2020</td></tr><tr><td>Local</td><td>Con</td><td>\$10,991,000</td><td>2021</td></tr></table>	Source	Phase	Amount	Revised SFY	Local	PE DD	\$1,556,000	2018	Local	ROW	\$2,450,000	2020	Local	Con	\$10,991,000	2021																																				
Source	Phase	Amount	Revised SFY																																																		
Local	PE DD	\$1,556,000	2018																																																		
Local	ROW	\$2,450,000	2020																																																		
Local	Con	\$10,991,000	2021																																																		
<b>MORPC ID:</b> 1495 <b>PID:</b> NA <b>Agency:</b> Hilliard	<b>CRS:</b> FRA-CR039-Cosgray Rd																																																				
Cosgray Rd from Scioto Darby Rd to Baldwin Rd, Multi-Use Path/Resurfacing	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>Revised SFY</th></tr><tr><td>Local</td><td>PE</td><td>\$1,005,100</td><td>2018</td></tr><tr><td>Local</td><td>ROW</td><td>\$315,000</td><td>2020</td></tr><tr><td>Local</td><td>Con</td><td>\$5,292,000</td><td>2021</td></tr></table>	Source	Phase	Amount	Revised SFY	Local	PE	\$1,005,100	2018	Local	ROW	\$315,000	2020	Local	Con	\$5,292,000	2021																																				
Source	Phase	Amount	Revised SFY																																																		
Local	PE	\$1,005,100	2018																																																		
Local	ROW	\$315,000	2020																																																		
Local	Con	\$5,292,000	2021																																																		
<b>MORPC ID:</b> 3145 <b>PID:</b> 100744 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US040-06.27																																																				
US-40 at I-270, Bridge Maintenance Activities	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 1150 <b>PID:</b> NA <b>Agency:</b> Hilliard	<b>CRS:</b> FRA-CR040-Hayden Run Rd																																																				
Wilcox Rd at Hayden Run Rd, Intersection Modification	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>Revised SFY</th></tr><tr><td>Local</td><td>PE</td><td>\$700,000</td><td>2018</td></tr><tr><td>Local</td><td>ROW</td><td>\$450,000</td><td>2019</td></tr><tr><td>Local</td><td>Con</td><td>\$2,750,000</td><td>2020</td></tr></table>	Source	Phase	Amount	Revised SFY	Local	PE	\$700,000	2018	Local	ROW	\$450,000	2019	Local	Con	\$2,750,000	2020																																				
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Local	PE	\$700,000	2018																																																		
Local	ROW	\$450,000	2019																																																		
Local	Con	\$2,750,000	2020																																																		
<b>MORPC ID:</b> 3178 <b>PID:</b> 101392 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US062-0.00																																																				
US-62, Preventive Pavement Maintenance	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 1792 <b>PID:</b> 90653 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US062-10.67																																																				
Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	<table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>Revised SFY</th></tr><tr><td>State</td><td>ROW</td><td>\$120,000</td><td>2018</td></tr><tr><td>STBG-S</td><td>ROW</td><td>\$480,000</td><td>2018</td></tr><tr><td>STBG-S</td><td>PE DD</td><td>\$61,966</td><td>2018</td></tr><tr><td>NHPP</td><td>PE Envir</td><td>\$120,000</td><td>2018</td></tr><tr><td>State</td><td>PE Envir</td><td>\$30,000</td><td>2018</td></tr><tr><td>State</td><td>PE DD</td><td>\$15,491</td><td>2018</td></tr><tr><td>STBG-M</td><td>Con</td><td>\$361,493</td><td>2019</td></tr><tr><td>State</td><td>Con</td><td>\$380,020</td><td>2019</td></tr><tr><td>SCIP</td><td>Con</td><td>\$1,056,500</td><td>2019</td></tr><tr><td>HSIP</td><td>Con</td><td>\$2,700,000</td><td>2019</td></tr><tr><td>NHPP</td><td>Con</td><td>\$320,080</td><td>2019</td></tr><tr><td>Local</td><td>Con</td><td>\$90,373</td><td>2019</td></tr></table>	Source	Phase	Amount	Revised SFY	State	ROW	\$120,000	2018	STBG-S	ROW	\$480,000	2018	STBG-S	PE DD	\$61,966	2018	NHPP	PE Envir	\$120,000	2018	State	PE Envir	\$30,000	2018	State	PE DD	\$15,491	2018	STBG-M	Con	\$361,493	2019	State	Con	\$380,020	2019	SCIP	Con	\$1,056,500	2019	HSIP	Con	\$2,700,000	2019	NHPP	Con	\$320,080	2019	Local	Con	\$90,373	2019
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SCIP	Con	\$1,056,500	2019																																																		
HSIP	Con	\$2,700,000	2019																																																		
NHPP	Con	\$320,080	2019																																																		
Local	Con	\$90,373	2019																																																		
<b>MORPC ID:</b> 2479 <b>PID:</b> 86013 <b>Agency:</b> ODOT 6	<b>CRS:</b> FRA-US062-11.690																																																				
US-62 from Columbus corp limit/Brown Rd to 4th St (US-23), Resurfacing	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				
<b>MORPC ID:</b> 2943 <b>PID:</b> 99848 <b>Agency:</b> Columbus	<b>CRS:</b> FRA-CR070-03.33																																																				
Sawmill Rd from I-270 to Hard Rd, Major Widening/Multi-Use Path	Project was cancelled, merged with another project, or delayed beyond SFY 2021																																																				

\* Project is part of a Statewide Line Item



**Table 2. Projects with a Phase in SFYs 2016-2017 of the Previous TIP  
that Was Not Authorized**

<b>MORPC ID:</b> 3207 <b>PID:</b> 103184 <b>Agency:</b> ODOT 6 I-70/I-71 Innerbelt (Columbus Power), Utility Relocation	<b>CRS:</b> FRA-IR070-12.89 Cols Powr <table><tr><th>Source</th><th>Phase</th><th>Amount</th><th>Revised SFY</th></tr><tr><td>NHPP</td><td>Con</td><td>\$2,847,200</td><td>2018</td></tr><tr><td>Local</td><td>Con</td><td>\$173,000</td><td>2018</td></tr><tr><td>State</td><td>Con</td><td>\$711,800</td><td>2018</td></tr></table>	Source	Phase	Amount	Revised SFY	NHPP	Con	\$2,847,200	2018	Local	Con	\$173,000	2018	State	Con	\$711,800	2018
Source	Phase	Amount	Revised SFY														
NHPP	Con	\$2,847,200	2018														
Local	Con	\$173,000	2018														
State	Con	\$711,800	2018														
<b>MORPC ID:</b> 1331 <b>PID:</b> 77370 <b>Agency:</b> ODOT 6 I-70/I-71 Innerbelt (Phase 2D), Major Widening/Interchange Modification	<b>CRS:</b> FRA-IR070-14.48 (Proj 2D) <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 3222 <b>PID:</b> 102927 <b>Agency:</b> ODOT 6 I-70 & I-71 at Downtown Columbus, Bridge Maintenance Activities	<b>CRS:</b> FRA-IR070-Bridge Rpr FY18 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 2752 <b>PID:</b> 93497 <b>Agency:</b> ODOT 6 I-71 from Stringtown Rd to SR-315, Preliminary Engineering/Major Widening	<b>CRS:</b> FRA-IR071-09.74 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 2959 <b>PID:</b> 91147 <b>Agency:</b> ODOT 6 I-71 from S of SR-161 to just N of I-270, Minor Pavement Rehabilitation	<b>CRS:</b> FRA-IR071-25.62 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 2696 <b>PID:</b> 91465 <b>Agency:</b> ODOT 6 Jackson Pk from Pickaway Co line to Columbus S corp limit (N of 270 and S of Dyer), Resurfacing	<b>CRS:</b> FRA-SR104-00.00 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 3157 <b>PID:</b> 101183 <b>Agency:</b> ODOT 6 SR-104, Preventive Pavement Maintenance	<b>CRS:</b> FRA-SR104-08.18 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 3121 <b>PID:</b> 93373 <b>Agency:</b> ODOT 6 SR-161 from Alum Creek to Little Turtle Way, Minor Pavement Rehabilitation	<b>CRS:</b> FRA-SR161-15.05 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 2960 <b>PID:</b> 91148 <b>Agency:</b> ODOT 6 I-270 (South Outerbelt) from I-71 to W of US 62, Minor Pavement Rehabilitation	<b>CRS:</b> FRA-IR270-00.00 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 1496 <b>PID:</b> 79666 <b>Agency:</b> ODOT 6 I-270 from 0.51 mi E of Alum Creek to 0.23 mi W of Parsons Ave, Resurfacing	<b>CRS:</b> FRA-IR270-48.470 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 2697 <b>PID:</b> 91490 <b>Agency:</b> ODOT 6 Two segments, Resurfacing	<b>CRS:</b> FRA-SR317-15.930 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																
<b>MORPC ID:</b> 3156 <b>PID:</b> 101166 <b>Agency:</b> ODOT 6 I-670 from I-71 to I-270, Preventive Pavement Maintenance	<b>CRS:</b> FRA-IR670-05.34 <i>Project was cancelled, merged with another project, or delayed beyond SFY 2021</i>																

\* Project is part of a Statewide Line Item



## 4. Expected Financial Resources

The financial resources for TIP projects come from a variety of federal, state and local funding sources. Some of these funds are controlled by ODOT and allocated through ODOT's project selection process for the particular fund type. Some of the funds are controlled by MORPC and allocated through MORPC's project selection process. Finally, the local jurisdictions also provide funding, which many times is used to match state or federal funds. Some projects included in the listing are solely locally funded.

The following discusses the expected financial resources available through ODOT- and MORPC-controlled sources. Then, a discussion on the allocation of the resources to management and operation of the system is provided.

### Ohio Department of Transportation-Attributable Funds

The majority of funding for the highway (non-transit) activities in the TIP is from ODOT-controlled funding sources. The ODOT-controlled sources used for highways in the TIP are listed below.

- Federal = Unspecified Federal Program
- GARVEE = State Bonds to be Paid with Federal (Advance Construction)
- HBP = Highway Bridge Program
- HP = High Priority (Congressional Earmark)
- HSIP = Highway Safety Improvement Program
- IM = Interstate Maintenance
- NHPP = National Highway Performance Program
- NHS = National Highway System
- SRTS = Safe Routes to School
- State = State Transportation Funds
- State Transit = State General Revenue Funds for Transit
- STBG-S = Surface Transportation Block Grant, Attributable to the State
- TAP-S = Transportation Alternatives Program, Attributable to the State

ODOT Central Office is responsible for the management and forecasting of the funds expected to be available from the above sources. Additional information on the ODOT programs and the Statewide TIP process can be found on ODOT's website at [www.dot.state.oh.us](http://www.dot.state.oh.us). Table 3 provides the ODOT-controlled funding resources expected to be available within MORPC's transportation planning area for SFY 2018-2021 as provided to MORPC by ODOT.



**Table 3. Projected ODOT-Attributable Highway Funding**

Source	2018	2019	2020	2021	Grand Total
<b>Federal</b>	\$55,597,500	\$88,443,467	\$63,343,864	\$94,829,592	<b>\$302,214,423</b>
<b>GARVEE</b>	\$103,269,000	\$48,539,000			<b>\$151,808,000</b>
<b>HBP</b>		\$3,275,000			<b>\$3,275,000</b>
<b>HP</b>	\$13,572	\$2,804,595			<b>\$2,818,166</b>
<b>HSIP</b>	\$13,951,700	\$19,292,378	\$4,485,270	\$3,000,000	<b>\$40,729,348</b>
<b>IM</b>	\$5,490,000		\$67,743,360		<b>\$73,233,360</b>
<b>NHPP</b>	\$65,116,339	\$16,962,809	\$8,871,541	\$13,636,012	<b>\$104,586,701</b>
<b>NHS</b>	\$2,174,960				<b>\$2,174,960</b>
<b>State</b>	\$38,607,856	\$45,647,770	\$23,506,875	\$24,010,434	<b>\$131,772,935</b>
<b>TAP-S</b>	\$545,000	\$722,515			<b>\$1,267,515</b>
<b>SRTS</b>		\$234,300			<b>\$234,300</b>
<b>STBG-S</b>	\$3,224,060	\$3,674,400	\$3,967,291	\$19,807,311	<b>\$30,673,062</b>

### MORPC-Attributable Funds

MORPC receives a sub-allocation of ODOT's Surface Transportation Block Grant (STBG) and Transportation Alternatives Program (TAP) funds that includes a proportional sub-allocation of ODOT's authority to obligate these funds. Additionally, ODOT provides an allocation of Congestion Mitigation and Air Quality Program (CMAQ) funds for the eight large MPOs to collectively distribute to projects. The process the eight large MPOs uses to select projects is built upon each MPO's own process for selecting projects to use CMAQ funding in their area. Thus, for purposes of the TIP, these CMAQ funds will also be referred to as MORPC-attributable funds. ODOT forecasts the amount of STBG, TAP and CMAQ funds expected to be available. Table 4 provides the MORPC-attributable funding expected to be available for SFYs 2018-2021.

**Table 4. Projected MORPC-Attributable Funding**

Source	2018*	2019	2020	2021
<b>STBG-M</b>	\$25,838,941	\$23,606,908	\$22,923,896	\$23,382,374
<b>CMAQ-M**</b>	\$11,380,171	\$11,339,849	\$11,566,646	\$14,497,979
<b>TAP-M</b>	\$155,738	\$1,114,940	\$2,292,389	\$2,338,237

\*Includes carry over from years prior to SFY 2018

\*\*Estimate based on allocation resulting from large MPO statewide CMAQ process

### Local and Other Funds

In addition to ODOT- and MORPC-controlled funds, certain other federal and state funds are controlled by others as are local funds as provided below.

- HSIP-C = Highway Safety Improvement Program, Attributable to County Engineers
- Local = Local Public Agency Funds
- Local-Transit = Local Public Transit Authority
- LTIP = Local Transportation Improvement Program (OPWC)
- Private = Private Sources
- SCIP = State Capital Improvements Program (OPWC)
- Sec ##### = Federal Transit Administration Funds by Section Number  
Sec 5307 = Urbanized Area Formula Grants (includes Sec 5340 Growing States)



Sec 5339 = Bus and Bus Facilities

- STBG-C = Surface Transportation Block Grant, Attributable to County Engineers

Similar to the ODOT-attributable funds, MORPC coordinates with the transit agencies, the County Engineers Association of Ohio, the Ohio Public Works Commission and local jurisdictions to determine the funding resources expected to be available. Table 5 provides the funding expected to be available within MORPC's transportation planning area for these sources as provided to MORPC.

**Table 5. Other Projected Funding**

Source	2018	2019	2020	2021	Grand Total
HSIP-C	\$88,585	\$180,000	\$200,000		\$468,585
Local	\$299,005,717	\$200,604,087	\$213,192,857	\$252,011,874	\$964,814,535
LTIP	\$2,831,756		\$2,804,124		\$5,635,880
Private	\$3,240,000	\$2,400,000		\$1,500,000	\$7,140,000
SCIP	\$9,207,523	\$1,056,500			\$10,264,023
Sec 5307	\$21,871,472	\$16,445,426	\$12,135,786	\$12,507,072	\$62,959,756
Sec 5339	\$3,326,751				\$3,326,751

## Management and Operation

As required by the May 27, 2016 Metropolitan Transportation Planning Final Rule, the TIP Financial Plan includes system-level estimates of costs and revenue sources that are reasonably expected to be available to adequately operate and maintain federal-aid highways and public transportation.

Emphasis is put on system maintenance-type improvements and operations. Together with operating the transportation system (plowing, mowing, painting, traffic control, operating buses, etc.), bridge replacement and rehabilitation, resurfacing and reconstruction projects, bus replacements and other preservation-type projects make up the majority of expenditures on the transportation system. These expenditures are made by ODOT, the local jurisdictions, and the transit agencies.

While operations, maintenance and system preservation in aggregate are significant, the individual projects are often not regionally significant. Consequently, many of these types of projects are not specifically identified in the TIP. This is especially true for the local jurisdiction management and operations expenditures because of the difficulty in collecting this kind of information, and there is no comprehensive accounting of how much is spent on these activities in the MORPC planning area.

In terms of ODOT projects, some maintenance type projects are of significance and they are identified by location in the TIP. However, many of these types of projects are not specifically identified by location in the TIP, but included as district-wide activities, district-wide line items or statewide line items.

Table 6 provides a summary of the amount of funds included in the TIP for SFY 2018-2021 for operation and maintenance type projects as compared to all of the funding included in the TIP. All the projects that are associated with improving or extending the life of the existing transportation system are included in the maintenance category. This category also includes the projects associated with improving safety on our highway system by improving the signage and signalization. The table also includes transit expenditures for COTA and DATABus. Almost all of their expenditures are for operations and maintenance. Table 7 provides the information for the MORPC-attributable funding.



**Table 6. Funding for Operation and Maintenance and All Projects Included in the TIP**

	Local	State	Federal	Total
<b>Operations and Maintenance</b>	\$850,684,167	\$69,869,439	\$457,834,928	<b>\$1,378,388,533</b>
<b>All TIP Projects</b>	\$987,854,438	\$132,064,935	\$921,617,061	<b>\$2,041,536,435</b>
<b>Percent Operations and Maintenance</b>	86%	53%	50%	<b>68%</b>

**Table 7. MORPC-Attributable Funding used for Operation and Maintenance and All Projects Included in the TIP (thousands)**

	2018	2019	2020	2021	Total
<b>Operation and Maintenance</b>	\$14,632,939	\$12,742,130	\$4,804,549	\$19,997,780	<b>\$52,177,398</b>
<b>All MORPC Funds</b>	\$29,405,457	\$34,530,244	\$33,332,262	\$43,690,372	<b>\$140,958,334</b>
<b>Percent Operation and Maintenance</b>	50%	37%	14%	46%	<b>37%</b>

In addition to purely maintenance projects, many projects considered as system expansion projects are mostly reconstruction projects with additional lanes being built. For example, some projects included in the TIP are two-lane roads that will be reconstructed with additional lanes being added. Although these projects are considered to be expansion projects, a significant portion of the costs of these projects is for reconstruction of existing lanes.

### Advance Construction

ODOT utilizes advance construction for the management of fund appropriations and obligation limitation provided by FHWA. Advance construction allows the department to gain federal authorization to begin federally eligible activities without obligating funding. At the time of authorization, FHWA is confirming that ODOT has followed all requirements necessary to execute a federal agreement. By placing the funds into advance construction, FHWA is not guaranteeing funding for the project but is indicating that the activities would be eligible.

ODOT places most of its projects in advance construction at the time of authorization. There are some exceptions based on the expiration of funds and legislative requirements. The advance construction is placed into two groups. The first group is identified as short term. This group is used for projects in which the funding will be converted as project expenditures take place and are exhausted by the completion of the federally eligible activities. By utilizing advance construction, ODOT can convert its appropriations and obligation limitation for costs that are currently being incurred and maintain a balance throughout the federal fiscal year. The second group is identified as long term. This group is used primarily for GARVEE bonds and MPO or CEAO SIB (State Infrastructure Bank) loans that are utilized and managed by ODOT. The GARVEE bonds are retired utilizing future federal funding received through the active and future highway authorization bills. Prior to the bond sale, the entire amount of the bond is put into advance construction on the projects being funded with its proceeds. These amounts are then converted over an 8- to 12-year period to retire the bonds. These payments are made on either a level principal or level interest payment schedule depending on the bond structure. The SIB loans are loans taken out by a local sponsor, which are being paid off utilizing federal MPO or CEAO funding. These loans have a maximum repayment term of 20 years and are paid down using a level principal amortization schedule. These loans typically have two annual payments due. At the designated payment dates, advance construction is converted in the amount of the federal participating principal and interest due.

The short-term advance construction rises and falls throughout the federal fiscal year based on ODOT's needs for each program utilizing federal funds. At the beginning of each federal fiscal year (October 1), the balance is typically at its lowest of the year. Agreements are consistently authorized



throughout the federal fiscal year with the advance construction balance typically peaking in June. ODOT also consistently converts advance construction to obligated funds throughout the federal fiscal year for costs as they are incurred. In June, the amount being converted begins exceeding the amount of new advance construction. This is based on the peak of construction season and the requirement to use obligation limitation prior to the close of the federal fiscal year. The long-term advance construction balance is based upon the sales of bonds or the establishment of a new SIB loan. The bonds are typically sold every 12 to 18 months based on ODOT's needs. The long-term advance construction peaks in bond sale year and is reduced as the bond retirement payments are made. Below are the actual new advance construction totals for State Fiscal Year 2016 through 2017 and the estimated advance construction totals for State Fiscal Year 2018 and 2019 for both short term and long term.

#### New Statewide Advance Construction (AC) by State Fiscal Year

State Fiscal Year	Actual		Estimated	
	2016	2017*	2018	2019
<b>Short-Term AC</b>	\$1,154,021,145	\$783,457,536	\$1,241,866,120	\$1,353,890,166
<b>Long-Term AC</b>	\$92,897,776	\$142,390,850	\$369,283,903	\$124,578,541
<b>Total AC</b>	\$1,246,918,921	\$925,848,386	\$1,611,150,023	\$1,478,468,707

\* SFY 2017 through 1/25/2017

Table 10 identifies specific projects in the TIP that have been programmed with GARVEE bonds (Fund Type: GARVEE).

## 5. Project Selection Process

Although many transportation needs have been identified in the Metropolitan Transportation Plan and many more have not been included, they cannot all be pursued at once because funding is limited. The project phases listed in the TIP must have funding available in the four-year period covered by the TIP. MORPC and ODOT each established their own project selection processes to determine which projects can be achieved within fiscal balance with the limited resources.

### Ohio Department of Transportation-Attributable Funds

The ODOT Central Office and Districts 5 and 6 administer different types of transportation programs in the MORPC area. These are primarily within these capital programs:

- Amish Buggy
- Appalachia
- Forest Highway
- Geological Site Assessment
- Major Bridge
- Major New
- Multi-Lane Rehabilitation
- Safety

The ODOT Central Office administers major-new construction projects, safety projects, and highway projects, including the major bridge projects. The districts administer maintenance projects for highways; bridges on State, Interstate, and U.S. routes; and projects in incorporated areas with populations less than 5,000, located on State and U.S. routes.

ODOT has different criteria for the different types of projects it administers. Therefore, for each type of project or activity ODOT has a standard project selection process. Details about these programs and their project selection processes can be found on ODOT's website at [www.dot.state.oh.us](http://www.dot.state.oh.us).



For the ODOT-controlled funds, ODOT provides the list of projects within the planning area to MORPC for inclusion in the TIP. For some of the ODOT programs, such as the Major New and Safety, MORPC provides regional priorities for ODOT's consideration and/or assistance to local governments in submitting projects. Nevertheless, MORPC reviews all projects selected through ODOT processes for consistency with the Metropolitan Transportation Plan (MTP), with the MTP Project ID noted in the TIP project listing, and presents them to local jurisdictions before they can be included in the TIP.

### MORPC-Attributable Funds

MORPC has adopted *Policies for Managing MORPC-Attributable Funds* (Policies). The Policies establish a competitive evaluation process to determine which of the projects submitted will receive MORPC-attributable funding. This process is revised and readopted biennially, prior to beginning the TIP update process. The Policies are included in Appendix B and available on the MORPC website at [www.morpc.org/transfunding](http://www.morpc.org/transfunding).

Table 8 provides a summary of the types of projects that have historically used MORPC-attributable funding.

**Table 8. Historical Distribution of MORPC-Attributable Funds**

Primary Project Type	Amount	Percent
System Expansion (with associated reconstruction, bicycle, pedestrian, etc.)	\$356,257,000	58%
Transit, Bus Replacements	\$67,081,000	11%
Intelligent Transportation Systems, Traffic Control	\$70,943,000	12%
System Preservation, Reconstruction	\$47,137,000	8%
Bicycle, Pedestrian, Enhancement	\$42,073,000	7%
Air Quality, Ridsharing, Planning	\$32,304,000	5%
<b>Total</b>	<b>\$615,795,000</b>	<b>100%</b>

For this round, project applicants provided updates to previous MORPC project commitments in June 2016. MORPC received final applications for new projects in August 2016. Table 9 summarizes the available funding and projects request.

**Table 9. MORPC-Attributable Funds Available vs. Requests (in Millions)**

	Amount (Millions)
Total of All Requests Received	\$372,000,000
Previous Commitments Beyond SFY 2017	\$157,000,000
New Commitments and Cost Increases	\$82,000,000
Total of All Commitments (Previous and New) Beyond SFY 2017	\$239,000,000
Total of Requests Not Funded (Shortfall)	\$133,000,000

In accordance with the Policies, MORPC staff along with an Attributable Funds Committee (AFC) reviewed the applications and evaluated the new project requests. The AFC is made up of MORPC staff, members of MORPC committees (CAC, TAC & Transportation Policy), local government representatives, and others. The AFC met seven times between July 2016 and January 2017 to develop draft recommendations for the use of MORPC-attributable funding.



On December 7, 2016, MORPC announced a draft list of projects selected for public comment. Comments were received until January 3, 2017. On March 9, 2017, the Transportation Policy Committee passed Resolution T-XX-17 adopting the list of projects to use MORPC-attributable funds.

## 6. Performance Targets

MAP-21 and the FAST Act are placing emphasis on incorporating performance management into transportation planning and programming processes. National performance goals have been established for seven key areas (safety, infrastructure condition, congestion, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays), and MPOs are required to establish performance targets in support of these national goals.

Although the final rules for implementing performance measures were just issued in 2016, the last two MORPC Metropolitan Transportation Plans included performance measures and targets. MORPC's 2016-2040 Metropolitan Transportation Plan's measures and targets can be found at [www.morpc.org/mtp2040](http://www.morpc.org/mtp2040). MORPC issues a report card each April which provide an update on how the region is doing in achieving the established targets.

Projects in this TIP are being advanced to achieve the performance targets established in the 2016-2040 Metropolitan Transportation Plan.

## 7. Project Summary and Fiscal Balance

The tables and listings in this section are provided to meet the financial analysis requirements of the FAST Act. For a key to the funding types and other codes, please see the guide to project listings in Section 8. All project costs provided in the TIP are in year of expenditure dollars. The future years' costs were estimated according to ODOT procedures and inflation assumptions.

The MORPC resolution to adopt the SFY 2018-2021 TIP is included in Appendix E. This resolution is the formal action signifying that MORPC's Transportation Policy Committee has reviewed and approved the use of the funding for the projects included in the TIP and that the TIP meets the other requirements outlined in the introduction. These projects are included in MORPC's Metropolitan Transportation Plan and are fiscally balanced as described further below.

### Project Summary by Funding Source

Table 10 is a prioritized list of projects organized first by federal funding type, second by State Fiscal Year (SFY), third by agency, and fourth by MORPC ID#.

### Summary of all Funding Sources

Table 11 summarizes all of the projected use of federal funds in the TIP. This table was prepared from the more detailed information in Table 10 and the detailed listings in Section 8.

### Fiscal Balance for MORPC-Attributable Funds

Table 12 summarizes the use of MORPC's allocations of STBG, CMAQ, and TAP funds and demonstrates the TIP will not result in expenditures that exceed these allocations. It also shows that funds are traded between funding programs to avoid a deficit for any program and year. The bottom line shows that there is no net change in funds for each program over the four-year period. Based on



the results of the large MPO statewide CMAQ process, MORPC projects received funding generally equivalent to the proportional allocation of CMAQ funds shown in Table 4. Deficits or surpluses in CMAQ shown in Table 12 for any particular year will generally be resolved within the statewide program and working with the other seven large MPOs. However, for the fiscal balance Table 12, funding program transfers between MORPC programs are shown to demonstrate fiscal balance.

Several project phases have their MORPC-attributable funding divided over multiple years. Should additional funding become available, first consideration will be given to provide these projects all of the MORPC-attributable funding in the first year listed. MORPC will then work with the local agencies to identify other projects in development that can be accelerated.

2017-2018	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	2028-2029	2029-2030	2030-2031	2031-2032	2032-2033	2033-2034	2034-2035	2035-2036	2036-2037	2037-2038	2038-2039	2039-2040	2040-2041	2041-2042	2042-2043	2043-2044	2044-2045	2045-2046	2046-2047	2047-2048	2048-2049	2049-2050	2050-2051	2051-2052	2052-2053	2053-2054	2054-2055	2055-2056	2056-2057	2057-2058	2058-2059	2059-2060	2060-2061	2061-2062	2062-2063	2063-2064	2064-2065	2065-2066	2066-2067	2067-2068	2068-2069	2069-2070	2070-2071	2071-2072	2072-2073	2073-2074	2074-2075	2075-2076	2076-2077	2077-2078	2078-2079	2079-2080	2080-2081	2081-2082	2082-2083	2083-2084	2084-2085	2085-2086	2086-2087	2087-2088	2088-2089	2089-2090	2090-2091	2091-2092	2092-2093	2093-2094	2094-2095	2095-2096	2096-2097	2097-2098	2098-2099	2099-2100	2100-2101	2101-2102	2102-2103	2103-2104	2104-2105	2105-2106	2106-2107	2107-2108	2108-2109	2109-2110	2110-2111	2111-2112	2112-2113	2113-2114	2114-2115	2115-2116	2116-2117	2117-2118	2118-2119	2119-2120	2120-2121	2121-2122	2122-2123	2123-2124	2124-2125	2125-2126	2126-2127	2127-2128	2128-2129	2129-2130	2130-2131	2131-2132	2132-2133	2133-2134	2134-2135	2135-2136	2136-2137	2137-2138	2138-2139	2139-2140	2140-2141	2141-2142	2142-2143	2143-2144	2144-2145	2145-2146	2146-2147	2147-2148	2148-2149	2149-2150	2150-2151	2151-2152	2152-2153	2153-2154	2154-2155	2155-2156	2156-2157	2157-2158	2158-2159	2159-2160	2160-2161	2161-2162	2162-2163	2163-2164	2164-2165	2165-2166	2166-2167	2167-2168	2168-2169	2169-2170	2170-2171	2171-2172	2172-2173	2173-2174	2174-2175	2175-2176	2176-2177	2177-2178	2178-2179	2179-2180	2180-2181	2181-2182	2182-2183	2183-2184	2184-2185	2185-2186	2186-2187	2187-2188	2188-2189	2189-2190	2190-2191	2191-2192	2192-2193	2193-2194	2194-2195	2195-2196	2196-2197	2197-2198	2198-2199	2199-2200	2200-2201	2201-2202	2202-2203	2203-2204	2204-2205	2205-2206	2206-2207	2207-2208	2208-2209	2209-2210	2210-2211	2211-2212	2212-2213	2213-2214	2214-2215	2215-2216	2216-2217	2217-2218	2218-2219	2219-2220	2220-2221	2221-2222	2222-2223	2223-2224	2224-2225	2225-2226	2226-2227	2227-2228	2228-2229	2229-2230	2230-2231	2231-2232	2232-2233	2233-2234	2234-2235	2235-2236	2236-2237	2237-2238	2238-2239	2239-2240	2240-2241	2241-2242	2242-2243	2243-2244	2244-2245	2245-2246	2246-2247	2247-2248	2248-2249	2249-2250	2250-2251	2251-2252	2252-2253	2253-2254	2254-2255	2255-2256	2256-2257	2257-2258	2258-2259	2259-2260	2260-2261	2261-2262	2262-2263	2263-2264	2264-2265	2265-2266	2266-2267	2267-2268	2268-2269	2269-2270	2270-2271	2271-2272	2272-2273	2273-2274	2274-2275	2275-2276	2276-2277	2277-2278	2278-2279	2279-2280	2280-2281	2281-2282	2282-2283	2283-2284	2284-2285	2285-2286	2286-2287	2287-2288	2288-2289	2289-2290	2290-2291	2291-2292	2292-2293	2293-2294	2294-2295	2295-2296	2296-2297	2297-2298	2298-2299	2299-2300	2300-2301	2301-2302	2302-2303	2303-2304	2304-2305	2305-2306	2306-2307	2307-2308	2308-2309	2309-2310	2310-2311	2311-2312	2312-2313	2313-2314	2314-2315	2315-2316	2316-2317	2317-2318	2318-2319	2319-2320	2320-2321	2321-2322	2322-2323	2323-2324	2324-2325	2325-2326	2326-2327	2327-2328	2328-2329	2329-2330	2330-2331	2331-2332	2332-2333	2333-2334	2334-2335	2335-2336	2336-2337	2337-2338	2338-2339	2339-2340	2340-2341	2341-2342	2342-2343	2343-2344	2344-2345	2345-2346	2346-2347	2347-2348	2348-2349	2349-2350	2350-2351	2351-2352	2352-2353	2353-2354	2354-2355	2355-2356	2356-2357	2357-2358	2358-2359	2359-2360	2360-2361	2361-2362	2362-2363	2363-2364	2364-2365	2365-2366	2366-2367	2367-2368	2368-2369	2369-2370	2370-2371	2371-2372	2372-2373	2373-2374	2374-2375	2375-2376	2376-2377	2377-2378	2378-2379	2379-2380	2380-2381	2381-2382	2382-2383	2383-2384	2384-2385	2385-2386	2386-2387	2387-2388	2388-2389	2389-2390	2390-2391	2391-2392	2392-2393	2393-2394	2394-2395	2395-2396	2396-2397	2397-2398	2398-2399	2399-2400	2400-2401	2401-2402	2402-2403	2403-2404	2404-2405	2405-2406	2406-2407	2407-2408	2408-2409	2409-2410	2410-2411	2411-2412	2412-2413	2413-2414	2414-2415	2415-2416	2416-2417	2417-2418	2418-2419	2419-2420	2420-2421	2421-2422	2422-2423	2423-2424	2424-2425	2425-2426	2426-2427	2427-2428	2428-2429	2429-2430	2430-2431	2431-2432	2432-2433	2433-2434	2434-2435	2435-2436	2436-2437	2437-2438	2438-2439	2439-2440	2440-2441	2441-2442	2442-2443	2443-2444	2444-2445	2445-2446	2446-2447	2447-2448	2448-2449	2449-2450	2450-2451	2451-2452	2452-2453	2453-2454	2454-2455	2455-2456	2456-2457	2457-2458	2458-2459	2459-2460	2460-2461	2461-2462	2462-2463	2463-2464	2464-2465	2465-2466	2466-2467	2467-2468	2468-2469	2469-2470	2470-2471	2471-2472	2472-2473	2473-2474	2474-2475	2475-2476	2476-2477	2477-2478	2478-2479	2479-2480	2480-2481	2481-2482	2482-2483	2483-2484	2484-2485	2485-2486	2486-2487	2487-2488	2488-2489	2489-2490	2490-2491	2491-2492	2492-2493	2493-2494	2494-2495	2495-2496	2496-2497	2497-2498	2498-2499	2499-2500	2500-2501	2501-2502	2502-2503	2503-2504	2504-2505	2505-2506	2506-2507	2507-2508	2508-2509	2509-2510	2510-2511	2511-2512	2512-2513	2513-2514	2514-2515	2515-2516	2516-2517	2517-2518	2518-2519	2519-2520	2520-2521	2521-2522	2522-2523	2523-2524	2524-2525	2525-2526	2526-2527	2527-2528	2528-2529	2529-2530	2530-2531	2531-2532	2532-2533	2533-2534	2534-2535	2535-2536	2536-2537	2537-2538	2538-2539	2539-2540	2540-2541	2541-2542	2542-2543	2543-2544	2544-2545	2545-2546	2546-2547	2547-2548	2548-2549	2549-2550	2550-2551	2551-2552	2552-2553	2553-2554	2554-2555	2555-2556	2556-2557	2557-2558	2558-2559	2559-2560	2560-2561	2561-2562	2562-2563	2563-2564	2564-2565	2565-2566	2566-2567	2567-2568	2568-2569	2569-2570	2570-2571	2571-2572	2572-2573	2573-2574	2574-2575	2575-2576	2576-2577	2577-2578	2578-2579	2579-2580	2580-2581	2581-2582	2582-2583	2583-2584	2584-2585	2585-2586	2586-2587	2587-2588	2588-2589	2589-2590	2590-2591	2591-2592	2592-2593	2593-2594	2594-2595	2595-2596	2596-2597	2597-2598	2598-2599	2599-2600	2600-2601	2601-2602	2602-2603	2603-2604	2604-2605	2605-2606	2606-2607	2607-2608	2608-2609	2609-2610	2610-2611	2611-2612	2612-2613	2613-2614	2614-2615	2615-2616	2616-2617	2617-2618	2618-2619	2619-2620	2620-2621	2621-2622	2622-2623	2623-2624	2624-2625	2625-2626	2626-2627	2627-2628	2628-2629	2629-2630	2630-2631	2631-2632	2632-2633	2633-2634	2634-2635	2635-2636	2636-2637	2637-2638	2638-2639	2639-2640	2640-2641	2641-2642	2642-2643	2643-2644	2644-2645	2645-2646	2646-2647	2647-2648	2648-2649	2649-2650	2650-2651	2651-2652	2652-2653	2653-2654	2654-2655	2655-2656	2656-2657	2657-2658	2658-2659	2659-2660	2660-2661	2661-2662	2662-2663	2663-2664	2664-2665	2665-2666	2666-2667	2667-2668	2668-2669	2669-2670	2670-2671	2671-2672	2672-2673	2673-2674	2674-2675	2675-2676	2676-2677	2677-2678	2678-2679	2679-2680	2680-2681	2681-2682	2682-2683	2683-2684	2684-2685	2685-2686	2686-2687	2687-2688	2688-2689	2689-2690	2690-2691	2691-2692	2692-2693	2693-2694	2694-2695	2695-2696	2696-2697	2697-2698	2698-2699	2699-2700	2700-2701	2701-2702	2702-2703	2703-2704	2704-2705	2705-2706	2706-2707	2707-2708	2708-2709	2709-2710	2710-2711	2711-2712	2712-2713	2713-2714	2714-2715	2715-2716	2716-2717	2717-2718	2718-2719	2719-2720	2720-2721	2721-2722	2722-2723	2723-2724	2724-2725	2725-2726	2726-2727	2727-2728	2728-2729	2729-2730	2730-2731	2731-2732	2732-2733	2733-2734	2734-2735	2735-2736	2736-2737	2737-2738	2738-2739	2739-2740	2740-2741	2741-2742	2742-2743	2743-2744	2744-2745	2745-2746	2746-2747	2747-2748	2748-2749	2749-2750	2750-2751	2751-2752	2752-2753	2753-2754	2754-2755	2755-2756	2756-2757	2757-2758	2758-2759	2759-2760	2760-2761	2761-2762	2762-2763	2763-2764	2764-2765	2765-2766	2766-2767	2767-2768	2768-2769	2769-2770	2770-2771	2771-2772	2772-2773	2773-2774	2774-2775	2775-2776	2776-2777	2777-2778	2778-2779	2779-2780	2780-2781	2781-2782	2782-2783	2783-2784	2784-2785	2785-2786	2786-2787	2787-2788	2788-2789	2789-2790	2790-2791	2791-2792	2792-2793	2793-2794	2794-2795	2795-2796	2796-2797	2797-2798	2798-2799	2799-2800	2800-2801	2801-2802	2802-2803	2803-2804	2804-2805	2805-2806	2806-2807	2807-2808	2808-2809	2809-2810	2810-2811	2811-2812	2812-2813	2813-2814	2814-2815	2815-2816	2816-2817	2817-2818	2818-2819	2819-2820	2820-2821	2821-2822	2822-2823	2823-2824	2824-2825	2825-2826	2826-2827	2827-2828	2828-2829	2829-2830	2830-2831	2831-2832	2832-2833	2833-2834	2834-2835	2835-2836	2836-2837	2837-2838	2838-2839	2839-2840	2840-2841	2841-2842	2842-2843	2843-2844	2844-2845	2845-2846	2846-2847	2847-2848	2848-2849	2849-2850	2850-2851	2851-2852	2852-2853	2853-2854	2854-2855	2855-2856	2856-2857	2857-2858	2858-2859	2859-2860	2860-2861	2861-2862	2862-2863	2863-2864	2864-2865	2865-2866	2866-2867	2867-2868	2868-2869	2869-2870	2870-2871	2871-2872	2872-2873	2873-2874	2874-2875	2875-2876	2876-2877	2877-2878	2878-2879	2879-2880	2880-2881	2881-2882	288
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**Table 10. Summary of Projects by Federal Fund Type**

<b>Federal Fund Type</b>		<b>CMAQ-M (Congestion Mitigation/Air Quality Improvement, Attributable to MORPC)</b>			
<b>MORPC ID</b>	<b>PID Agency</b>	<b>Project Name</b>	<b>Phase</b>	<b>Federal Amount</b>	
2651	95606 Columbus	Lazelle Rd Phase A from N High St to Flint Rd, Minor Widening/Multi-Use Path	Con	\$2,937,414	
2918	98557 Columbus	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	ROW	\$1,200,000	
2945	99733 Columbus	Signals Phase E, Signalization	ROW	\$250,000	
2658	99506 COTA	COTA 2018 28 35-40' Bus Purchase, Transit Replacement Capital	Other	\$2,780,955	
2663	95493 MORPC	Air Quality Awareness, SFY 2018, Air Quality Project	Plan	\$550,000	
2665	99033 MORPC	RideSolutions, SFY 2018, Ridesharing	Plan	\$760,000	
<b>Summary for TIP Year = 2018 (6 project phases)</b>				<b>\$8,478,369</b>	
2953	99789 Bexley	Bexley Signals Interconnect, Signalization	Con	\$1,383,564	
2652	95607 Columbus	Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening/Multi-Use Path	Con	\$4,872,965	
3027	99060 COTA	COTA 2019 Bus Replacement, Transit Replacement Capital	Other	\$4,527,394	
2946	99738 Grandview Heights	Grandview Heights Signals Interconnect, Signalization	Con	\$601,644	
2931	99005 MORPC	Air Quality Awareness, SFY 2019, Air Quality Project	Plan	\$565,000	
3019	99034 MORPC	RideSolutions, SFY 2019, Ridesharing	Plan	\$780,000	
<b>Summary for TIP Year = 2019 (6 project phases)</b>				<b>\$12,730,567</b>	
2949	99508 COTA	COTA 2020 35-40' Bus Purchase, Transit Replacement Capital	Other	\$3,685,299	
2932	99006 MORPC	Air Quality Awareness, SFY 2020, Air Quality Project	Plan	\$580,000	
3020	99035 MORPC	RideSolutions, SFY 2020, Ridesharing	Plan	\$800,000	
2952	99827 Whitehall	Whitehall Signals Interconnect, Signalization	Con	\$1,119,250	
<b>Summary for TIP Year = 2020 (4 project phases)</b>				<b>\$6,184,549</b>	
2918	98557 Columbus	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	Con	\$4,285,224	
2945	99733 Columbus	Signals Phase E, Signalization	Con	\$11,917,764	
3053	99929 COTA	COTA 2021 Bus Replacement, Transit Replacement Capital	Other	\$3,749,792	
2933	99007 MORPC	Air Quality Awareness, SFY 2021, Air Quality Project	Plan	\$595,000	
3052	99036 MORPC	RideSolutions, SFY 2021, Ridesharing	Plan	\$820,000	
<b>Summary for TIP Year = 2021 (5 project phases)</b>				<b>\$21,367,780</b>	
<b>Total for CMAQ-M Funds (21 project phases)</b>				<b>\$48,761,266</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type			Federal (Unassigned Federal Transportation Funds)		
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
3426	NP Columbus	Smart Columbus, ITS	Plan/Dply	\$40,000,000	
2427	90200 ODOT 6	I-71 at Sunbury Pkwy, New Interchange	ROW	\$4,000,000	
3089	98232 ODOT 6	I-70 at I-270 (East Outerbelt), Interchange Modification	PE DD	\$5,600,000	
3374	105438 ODOT 6	US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems	Other	\$866,500	
3374	105438 ODOT 6	US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems	Purch	\$2,090,000	
3374	105438 ODOT 6	US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems	Con	\$3,041,000	
<b>Summary for TIP Year = 2018 (6 project phases)</b>				<b>\$55,597,500</b>	
3212	103626 Delaware	US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening/Bridge Replacement	PE DD	\$1,200,000	
3293	105322 ODOT 6	I-70/I-71 Innerbelt (Phase 2E), Major Widening/Interchange Modification	Con	\$60,300,000	
3372	105463 ODOT 6	* I-70 from I-270 (West Outerbelt) to W Broad St, Preventive Pavement Maintenance	Con	\$5,271,552	
3377	105604 ODOT 6	* District 6 Resurfacing FY20, Preventive Pavement Maintenance	Con	\$13,666,723	
3381	105519 ODOT 6	* US-42 from Horsehoe Rd to Morrow Co line, Preventive Pavement Maintenance	Con	\$1,614,080	
3382	105543 ODOT 6	* Portions of SR-257 & SR-605 in Delaware Co, Preventive Pavement Maintenance	Con	\$1,604,928	
3383	105501 ODOT 6	* I-270 (East Outerbelt) from N of Dempsey Rd to S of Sunbury Rd, Preventive Pavement Maintenance	Con	\$2,759,328	
3384	105506 ODOT 6	* Harrisburg Pk from I-270 to Eakin Rd, Preventive Pavement Maintenance	Con	\$303,784	
3385	105512 ODOT 6	* SR-161 from W of US-42 to Eiterman Rd, Preventive Pavement Maintenance	Con	\$1,723,072	
<b>Summary for TIP Year = 2019 (9 project phases)</b>				<b>\$88,443,467</b>	
3250	101397 ODOT 6	* District 6 Bridge Repair FY20, Bridge Repair	Con	\$5,070,400	
3294	105453 ODOT 6	I-70/I-71 Innerbelt (Phase 3B), Major Widening/New Roadway	Con	\$39,843,000	
3371	105568 ODOT 6	* District 6 Fine Graded Asphalt Concrete, FY20, Preventive Pavement Maintenance	Con	\$5,388,864	
3375	105606 ODOT 6	* I-71 & I-270 (North Outerbelt) at the vicinity of the I-71/I-270 Interchange, Preventive Pavement Maintenance	Con	\$8,952,840	
3376	105589 ODOT 6	* District 6 Microsurfacing FY20, Preventive Pavement Maintenance	Con	\$4,088,760	
<b>Summary for TIP Year = 2020 (5 project phases)</b>				<b>\$63,343,864</b>	
3378	105539 ODOT	Various locations on SR-229, US 23, US 40 & SR-605, Resurfacing	Con	\$922,899	
3379	105557 ODOT	District 6 Microsurfacing FY21, Resurfacing	Con	\$1,680,640	
3386	105608 ODOT	Portions of E Main St & Lancaster Ave, Resurfacing	Con	\$76,052	
3295	105523 ODOT 6	I-70/I-71 Innerbelt (Phase 4R), Major Widening/Interchange Modification	Con	\$87,300,000	
3373	105418 ODOT 6	S High St & Oak St at I-71, Bridge Deck Replacement	Con	\$4,050,000	
3380	105427 ODOT 6	SR-315 from US 33 to I-670, Bridge Repair	Con	\$800,000	
<b>Summary for TIP Year = 2021 (6 project phases)</b>				<b>\$94,829,592</b>	
<b>Total for Federal Funds (26 project phases)</b>				<b>\$302,214,423</b>	
Federal Fund Type			GARVEE (Federal Advance Construction Paid with State Bonds)		
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
3330	104799 ODOT 6	I-71 from Stringtown Rd to SR-315, Major Widening/Interchange Modification	Con	103,269,000	
<b>Summary for TIP Year = 2018 (1 project phase)</b>				<b>\$103,269,000</b>	
2644	93496 ODOT 6	I-71 from Pickaway Co Line to SR-665, Major Widening/Bridge Deck Replace	Con	\$48,539,000	
<b>Summary for TIP Year = 2019 (1 project phase)</b>				<b>\$48,539,000</b>	
<b>Total for GARVEE Funds (2 project phases)</b>				<b>\$151,808,000</b>	
Federal Fund Type			HBP (Highway Bridge Program)		
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
1497	79667 ODOT 6	* I-70 from 0.34 mi W of Wilson Rd to W Broad St, Resurfacing	Con	\$3,231,000	
2482	86645 ODOT 6	* W Broad St (US-40) from Central Ave to Scioto River, Resurfacing	Con	\$44,000	
<b>Summary for TIP Year = 2019 (2 project phases)</b>				<b>\$3,275,000</b>	
<b>Total for HBP Funds (2 project phases)</b>				<b>\$3,275,000</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type			HP (High Priority (Congressional Earmark))		
MORPC ID	PID	Agency	Project Name	Phase	Federal Amount
1965	95233	Pataskala	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	Con	\$13,572
Summary for TIP Year = 2018 (1 project phase)					\$13,572
2850	95625	Delaware	* E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening	Con	\$2,804,595
Summary for TIP Year = 2019 (1 project phase)					\$2,804,595
Total for HP Funds (2 project phases)					\$2,818,166

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type		HSIP (Highway Safety Improvement Program)			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
1565	95570 Columbus	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	ROW	\$260,000	
3018	98358 Columbus	W Broad St (US 40) & Sullivant Ave at Hague Ave, Signals	Con	\$491,324	
3047	99419 Columbus	* Sunbury Rd at Agler Rd/Cassady Ave, Intersection Modification	Con	\$545,033	
3048	99420 Columbus	* Mound St at Central Ave/Harrisburg Pk, Intersection Modification	Con	\$524,810	
3217	101787 Columbus	* Livingston Ave at James Rd, Intersection Modification	PE DD	\$128,092	
3217	101787 Columbus	* Livingston Ave at James Rd, Intersection Modification	ROW	\$286,700	
3324	104704 Columbus	* Georgesville Rd at Hall Rd (CR-125), Turn Lane Addition	PE DD	\$36,000	
3212	103626 Delaware	US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening/Bridge Replacement	PE Envir	\$3,000,000	
3192	102097 Delaware County	* SR-3 at Galena Rd, Intersection Modification/Signalization	Con	\$525,008	
3046	99415 Franklin County	* Smothers Rd at Schott Rd/Red Bank Rd, Intersection Modification	Con	\$750,000	
3112	102047 Franklin County	* Norton Rd at Johnson Rd, Intersection Modification	ROW	\$150,000	
2747	93173 ODOT 6	W Broad St from E of Georgesville Rd to 500' E of Wilson Rd, Safety Improvement/Reconstruction	ROW	\$2,588,007	
2922	98111 ODOT 6	US-33 from I-270 (SE Outerbelt) to Hamilton Rd (SR-317), Major Widening/Resurfacing	Con	\$2,832,500	
3092	101097 ODOT 6	* US 33 at Fishinger Rd, Intersection Modification/Minor Widening	ROW	\$252,000	
3228	100927 ODOT 6	* Hamilton Rd at Livingston Ave, Safety Improvement	Con	\$228,992	
3321	104166 ODOT 6	* District 6 Guardrail End Treatments FY18, Guardrail Maintenance	Con	\$702,265	
3322	104623 ODOT 6	* SR-61 at Wilson Rd (SR-656), Intersection Modification	PE Envir	\$373,770	
3322	104623 ODOT 6	* SR-61 at Wilson Rd (SR-656), Intersection Modification	ROW	\$180,000	
2940	81766 Pickerington	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	ROW	\$97,200	
<b>Summary for TIP Year = 2018 (19 project phases)</b>				<b>\$13,951,700</b>	
1565	95570 Columbus	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	Con	\$1,574,000	
2904	97197 Columbus	E Main St from I-270 to McNaughten Rd, Safety Improvement	Con	\$948,600	
2919	98518 Columbus	Livingston Ave at Barnett Rd, Intersection Modification/Sidewalks	Con	\$720,000	
3217	101787 Columbus	* Livingston Ave at James Rd, Intersection Modification	Con	\$2,433,300	
3324	104704 Columbus	* Georgesville Rd at Hall Rd (CR-125), Turn Lane Addition	ROW	\$159,300	
3326	104709 Columbus	SR-161 at Cleveland Ave, Intersection Modification	Con	\$340,000	
1256	104708 Franklin County	Reynoldsburg-New Albany Rd at Clark State Rd (CR-95), Turn Lane Addition	ROW	\$60,000	
3112	102047 Franklin County	* Norton Rd at Johnson Rd, Intersection Modification	Con	\$1,200,000	
3393	NA Franklin County	Morse Rd at Kitzmiller Rd, Intersection Modification	Con	\$1,575,000	
1792	90653 ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	Con	\$2,700,000	
3079	99885 ODOT 6	Jackson Pk (SR-104) at Frank Rd/I-71, Intersection Modification	Con	\$3,353,166	
3092	101097 ODOT 6	* US 33 at Fishinger Rd, Intersection Modification/Minor Widening	Con	\$1,926,000	
3322	104623 ODOT 6	* SR-61 at Wilson Rd (SR-656), Intersection Modification	PE DD	\$65,970	
2940	81766 Pickerington	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	Con	\$2,237,042	
<b>Summary for TIP Year = 2019 (14 project phases)</b>				<b>\$19,292,378</b>	
3324	104704 Columbus	* Georgesville Rd at Hall Rd (CR-125), Turn Lane Addition	Con	\$756,900	
1256	104708 Franklin County	Reynoldsburg-New Albany Rd at Clark State Rd (CR-95), Turn Lane Addition	Con	\$720,000	
3268	104502 ODOT 6	* US-36/SR-37 at Galena Rd, Intersection Modification/Bridge Deck Overlay	Con	\$1,210,770	
3322	104623 ODOT 6	* SR-61 at Wilson Rd (SR-656), Intersection Modification	Con	\$1,797,600	
<b>Summary for TIP Year = 2020 (4 project phases)</b>				<b>\$4,485,270</b>	
2918	98557 Columbus	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	Con	\$3,000,000	
<b>Summary for TIP Year = 2021 (1 project phase)</b>				<b>\$3,000,000</b>	
<b>Total for HSIP Funds (38 project phases)</b>				<b>\$40,729,348</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

<b>Federal Fund Type</b>		<b>HSIP-C (Highway Safety Improvement Program, Attributable to County Engineers)</b>			
<b>MORPC ID</b>	<b>PID Agency</b>	<b>Project Name</b>	<b>Phase</b>	<b>Federal Amount</b>	
3080	99914 Franklin County	* Franklin Co Pavement Marking, Pavement Marking	Con	\$75,000	
3267	104237 Licking County	* Licking Co 2017 Curve Sign Upgrade, Signage	Con	\$13,585	
<b>Summary for TIP Year = 2018 (2 project phases)</b>				<b>\$88,585</b>	
3082	99917 Delaware County	* Delaware Co Guardrail Upgrade, Guardrail Maintenance	Con	\$90,000	
3081	99915 Franklin County	* Franklin Co Guardrail Upgrade, Guardrail Maintenance	Con	\$90,000	
<b>Summary for TIP Year = 2019 (2 project phases)</b>				<b>\$180,000</b>	
3238	99498 Fairfield County	* Fairfield County Roads, Guardrail Upgrade/Replace	Con	\$200,000	
<b>Summary for TIP Year = 2020 (1 project phase)</b>				<b>\$200,000</b>	
<b>Total for HSIP-C Funds (5 project phases)</b>				<b>\$468,585</b>	
<b>Federal Fund Type</b>		<b>IM (Interstate Maintenance)</b>			
<b>MORPC ID</b>	<b>PID Agency</b>	<b>Project Name</b>	<b>Phase</b>	<b>Federal Amount</b>	
2452	88035 ODOT 6	I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening/Bridge Reconstruction	ROW	\$450,000	
2957	76467 ODOT 6	* I-270 (North Outerbelt) & SR-315 at various locations, Minor Pavement Rehabilitation	Con	\$5,040,000	
<b>Summary for TIP Year = 2018 (2 project phases)</b>				<b>\$5,490,000</b>	
1890	86067 ODOT 6	I-270 from 0.36 mi W of Hamilton Rd to 0.92 mi S of Broad St, Reconstruction	Con	\$67,743,360	
<b>Summary for TIP Year = 2020 (1 project phase)</b>				<b>\$67,743,360</b>	
<b>Total for IM Funds (3 project phases)</b>				<b>\$73,233,360</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type			NHPP (National Highway Performance Program)		
MORPC ID	PID	Agency	Project Name	Phase	Federal Amount
3296	104674	ODOT	I-670 from 4th St to I-270, Operational Upgrades/Study	PE DD	\$560,000
3296	104674	ODOT	I-670 from 4th St to I-270, Operational Upgrades/Study	Con	\$39,280,000
3179	101405	ODOT 5	* Various locations in District 5, Preventive Bridge Maintenance	Con	\$512,000
1139	25594	ODOT 6	I-70 from 0.4 mi W of Alton & Darby Creek Rd to 0.3 mi W of Wilson Rd, Major Widening/Resurfacing	Con	\$135,000
1792	90653	ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	PE Envir	\$120,000
2447	84868	ODOT 6	I-71 from SR-665 to Stringtown Rd, Major Widening/Bridge Deck Replace	Con	\$300,000
2757	94145	ODOT 6	* US-33 from Post Rd to Avery Rd, Resurfacing	Con	\$935,264
2758	94156	ODOT 6	* Various routes in Franklin County, Signage	Con	\$3,382,200
2874	96053	ODOT 6	I-70/I-71 Innerbelt (Phase 4B), Major Widening/Bridge Replacement	ROW	\$225,000
2922	98111	ODOT 6	US-33 from I-270 (SE Outerbelt) to Hamilton Rd (SR-317), Major Widening/Resurfacing	Con	\$1,919,920
2957	76467	ODOT 6	* I-270 (North Outerbelt) & SR-315 at various locations, Minor Pavement Rehabilitation	Con	\$604,800
2968	93136	ODOT 6	* Riverside Dr (US 33) from Trabue Rd to Fishingier Rd, Resurfacing	Con	\$949,600
2978	93446	ODOT 6	* I-71 at 5th Ave SB ramps to I-71 & I-670, Noise Walls	Con	\$18,000
3143	100737	ODOT 6	* District 6 Spot Concrete Repair FY18, Maintenance Activity	Con	\$2,452,500
3204	102832	ODOT 6	* SR-750 from SR-315 to S Old State Rd, Preventive Pavement Maintenance	Con	\$444,587
3207	103184	ODOT 6	I-70/I-71 Innerbelt (Columbus Power), Utility Relocation	Con	\$2,847,200
3230	103621	ODOT 6	* Hamilton Rd at Big Walnut Creek, Bridge Deck Overlay	PE Envir	\$43,520
3230	103621	ODOT 6	* Hamilton Rd at Big Walnut Creek, Bridge Deck Overlay	PE DD	\$7,680
3268	104502	ODOT 6	* US-36/SR-37 at Galena Rd, Intersection Modification/Bridge Deck Overlay	PE DD	\$94,109
3299	105137	ODOT 6	* I-270 from SR-161 to McCutcheon Rd, Resurfacing	PE Envir	\$68,850
3299	105137	ODOT 6	* I-270 from SR-161 to McCutcheon Rd, Resurfacing	PE DD	\$12,150
3321	104166	ODOT 6	* District 6 Guardrail End Treatments FY18, Guardrail Maintenance	PE DD	\$2,838
3321	104166	ODOT 6	* District 6 Guardrail End Treatments FY18, Guardrail Maintenance	Con	\$134,750
3323	104673	ODOT 6	Locations on I-270, I-670 & N 3rd St (US-23D), Bridge Maintenance Activities	PE DD	\$9,180
3323	104673	ODOT 6	Locations on I-270, I-670 & N 3rd St (US-23D), Bridge Maintenance Activities	Con	\$395,750
3330	104799	ODOT 6	I-71 from Stringtown Rd to SR-315, Major Widening/Interchange Modification	Con	\$8,798,400
3332	104848	ODOT 6	SR-315 at Fifth Ave, King Ave & Olentangy River, Bridge Repair	PE Envir	\$54,400
3332	104848	ODOT 6	SR-315 at Fifth Ave, King Ave & Olentangy River, Bridge Repair	PE DD	\$9,600
3332	104848	ODOT 6	SR-315 at Fifth Ave, King Ave & Olentangy River, Bridge Repair	Con	\$440,000
3340	104980	ODOT 6	* Wilson Bridge Rd at SR-315, Bridge Replacement	PE Envir	\$359,040
<b>Summary for TIP Year = 2018 (30 project phases)</b>					<b>\$65,116,339</b>
1565	95570	Columbus	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	Con	\$1,152,000
3181	101428	ODOT 5	* Various locations in District 5, Preventive Bridge Maintenance	Con	\$646,360
1490	79668	ODOT 6	* I-70 from Fairwood Ave to Fairfield Co Line, Resurfacing	Con	\$5,350,009
1497	79667	ODOT 6	* I-70 from 0.34 mi W of Wilson Rd to W Broad St, Resurfacing	Con	\$570,600
1792	90653	ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	Con	\$320,080
2482	86645	ODOT 6	* W Broad St (US-40) from Central Ave to Scioto River, Resurfacing	Con	\$572,000
2694	91448	ODOT 6	* E Broad St from Drexel Ave to Gould Rd, Resurfacing	Con	\$308,000
2985	96121	ODOT 6	* District 6 Culvert FY19, Culvert Maintenance	Con	\$168,960
3006	97715	ODOT 6	US 23 at 0.2 mi N of SR-315 (Oberlander Run), Culvert Maintenance	Con	\$888,000
3092	101097	ODOT 6	* US 33 at Fishingier Rd, Intersection Modification/Minor Widening	Con	\$128,400
3230	103621	ODOT 6	* Hamilton Rd at Big Walnut Creek, Bridge Deck Overlay	Con	\$342,400
3254	102023	ODOT 6	* Winchester Pk at I-270, Bridge Deck Replacement	Con	\$1,390,500
3299	105137	ODOT 6	* I-270 from SR-161 to McCutcheon Rd, Resurfacing	Con	\$3,510,000
3336	104970	ODOT 6	Roberts Rd & Amity Rd at I-70, Bridge Deck Replacement	PE Envir	\$630,900
3337	104971	ODOT 6	Williams Rd at I-270, Bridge Deck Replacement	PE Envir	\$226,800
3338	104976	ODOT 6	Gantz Rd & McComb Rd at I-270, Bridge Replacement	PE Envir	\$429,300
3339	104977	ODOT 6	Sullivant Ave at I-270, Bridge Replacement	PE Envir	\$328,500
<b>Summary for TIP Year = 2019 (17 project phases)</b>					<b>\$16,962,809</b>
2975	93290	ODOT	* I-70 Corridor in Licking Co, Bridge Repair	Con	\$2,534,718
2571	81828	ODOT 6	I-70/I-71 Innerbelt (Phase 6), Interchange Modification/Major Widening	ROW	\$225,000
2958	91146	ODOT 6	* I-70 from Madison Co line to 0.4 mi W of Darby Creek Rd, Minor Pavement Rehabilitation	Con	\$954,900
3007	97727	ODOT 6	* SR-104 at I-270, Bridge Deck Replacement	Con	\$1,732,320
3054	98141	ODOT 6	* US 42 & SR-521 at Sugar Run & Rosecrans Run, respectively, Bridge Replacement	Con	\$1,274,440
3235	98148	ODOT 6	* I-670 at CSX/NS RR (0.22 mi E of Joyce Ave), Bridge Repair	Con	\$1,915,203

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

3268	104502	ODOT 6	* US-36/SR-37 at Galena Rd, Intersection Modification/Bridge Deck Overlay	Con	\$171,600
3340	104980	ODOT 6	* Wilson Bridge Rd at SR-315, Bridge Replacement	PE DD	\$63,360

**Summary for TIP Year = 2020 (8 project phases) \$8,871,541**

2994	96320	ODOT	* US 40 at 3 locations, near Hanson St, Mink St & Watkins Rd, Bridge Replacement	Con	\$1,097,454
3233	97996	ODOT	* SR-16 from Franklin Co Line to SR-37, Resurfacing	Con	\$2,141,185
2967	93109	ODOT 5	* US 40 from Franklin/Licking County Line to SR-37, Resurfacing	Con	\$2,933,743
3252	101430	ODOT 5	* District 5 Bridge Cleaning FY21/22, Bridge Cleaning	Con	\$646,360
3232	88611	ODOT 6	* Groveport Rd at SR-104, Bridge Deck Replacement	Con	\$1,390,400
3244	100765	ODOT 6	* District 6 culvert program for FY21, Culvert Maintenance	Con	\$115,370
3249	101260	ODOT 6	* I-70 from 0.05 mi E of S 18th St Bridge to 0.06 mi E of S James Rd, Minor Pavement Rehabilitation	Con	\$3,481,200
3333	104946	ODOT 6	US-62 at I-270, Bridge Repair	PE Envir	\$109,800
3334	104947	ODOT 6	US-23 at Big Walnut Creek, Bridge Repair	PE Envir	\$65,600
3336	104970	ODOT 6	Roberts Rd & Amity Rd at I-70, Bridge Deck Replacement	PE DD	\$111,600
3337	104971	ODOT 6	Williams Rd at I-270, Bridge Deck Replacement	PE DD	\$40,500
3338	104976	ODOT 6	Gantz Rd & McComb Rd at I-270, Bridge Replacement	PE DD	\$75,600
3339	104977	ODOT 6	Sullivant Ave at I-270, Bridge Replacement	PE DD	\$57,600
3340	104980	ODOT 6	* Wilson Bridge Rd at SR-315, Bridge Replacement	Con	\$1,369,600

**Summary for TIP Year = 2021 (14 project phases) \$13,636,012**

**Total for NHPP Funds (69 project phases) \$104,586,701**

Federal Fund Type		NHS (National Highway System)			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
2456	76420	ODOT 6	* SR-315 from Sullivant Ave to I-670 on-ramp, Minor Pavement Rehabilitation	Con	\$1,293,200
2486	86651	ODOT 6	* Dublin Rd/Long St/Spring St at 2 segments from Grandview Hts to Downtown Columbus, Resurfacing	Con	\$881,760

**Summary for TIP Year = 2018 (2 project phases) \$2,174,960**

**Total for NHS Funds (2 project phases) \$2,174,960**

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type		<b>Sec 5307 (Transit Formula Block Grants)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
2658	99506 COTA	COTA 2018 28 35-40' Bus Purchase, Transit Replacement Capital	Other	\$10,184,063	
2786	95037 COTA	COTA Fields CNG Rehabilitation, Transit Activity	Other	\$5,600,000	
3025	99057 COTA	COTA 2018 Paratransit Replace, Transit Replacement Capital	Other	\$1,297,440	
3026	99058 COTA	COTA 2018 Paratransit Expansion, Transit Expansion Capital	Other	\$216,240	
3387	105462 COTA	COTA Farebox Replacement Alt Pay, Transit Activity	Other	\$3,821,249	
3039	99378 DATA	DATA 2018 Operating Assistance, Transit Operating	Other	\$300,000	
3040	99379 DATA	DATA 2018 Capital Maintenance, Transit Replacement Capital	Other	\$208,000	
3041	99380 DATA	DATA 2018 Vehicle Replacement, Transit Replacement Capital	Other	\$244,480	
<b>Summary for TIP Year = 2018 (8 project phases)</b>				<b>\$21,871,472</b>	
2786	95037 COTA	COTA Fields CNG Rehabilitation, Transit Activity	Other	\$5,600,000	
3027	99060 COTA	COTA 2019 Bus Replacement, Transit Replacement Capital	Other	\$8,611,906	
3028	99061 COTA	COTA 2019 Paratransit Replace, Transit Replacement Capital	Other	\$1,334,160	
3073	100005 COTA	COTA 2019 Paratransit Expansion, Transit Expansion Capital	Other	\$146,880	
3042	99381 DATA	DATA 2019 Operating Assistance, Transit Operating	Other	\$300,000	
3043	99382 DATA	DATA 2019 Capital Maintenance, Transit Replacement Capital	Other	\$208,000	
3044	99383 DATA	DATA 2019 Vehicle Replacement, Transit Replacement Capital	Other	\$244,480	
<b>Summary for TIP Year = 2019 (7 project phases)</b>				<b>\$16,445,426</b>	
2949	99508 COTA	COTA 2020 35-40' Bus Purchase, Transit Replacement Capital	Other	\$10,024,666	
3291	105107 COTA	COTA 2020 Paratransit Purchase, Transit Replacement Capital	Purch	\$1,358,640	
3269	104519 DATA	DATA 2020 Operating Assistance, Transit Operating	Other	\$300,000	
3270	104520 DATA	DATA 2020 Capital Maintenance, Transit Activity	Other	\$208,000	
3271	104521 DATA	DATA 2020 Vehicle Replacement, Transit Replacement Capital	Other	\$244,480	
<b>Summary for TIP Year = 2020 (5 project phases)</b>				<b>\$12,135,786</b>	
3053	99929 COTA	COTA 2021 Bus Replacement, Transit Replacement Capital	Other	\$10,371,472	
3429	105895 COTA	COTA 2021 Paratransit Purchase, Transit Replacement Capital	Purch	\$1,383,120	
3272	104522 DATA	DATA 2021 Operating Assistance, Transit Operating	Other	\$300,000	
3273	104523 DATA	DATA 2021 Capital Maintenance, Transit Activity	Other	\$208,000	
3274	104524 DATA	DATA 2021 Vehicle Replacement, Transit Replacement Capital	Other	\$244,480	
<b>Summary for TIP Year = 2021 (5 project phases)</b>				<b>\$12,507,072</b>	
<b>Total for Sec 5307 Funds (25 project phases)</b>				<b>\$62,959,756</b>	
Federal Fund Type		<b>Sec 5339 (Transit Bus and Bus Facilities)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
3387	105462 COTA	COTA Farebox Replacement Alt Pay, Transit Activity	Other	\$3,326,751	
<b>Summary for TIP Year = 2018 (1 project phase)</b>				<b>\$3,326,751</b>	
<b>Total for Sec 5339 Funds (1 project phase)</b>				<b>\$3,326,751</b>	
Federal Fund Type		<b>SRTS (Safe Routes to School)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
2626	94014 Columbus	* Near Binns and Burroughs elementary schools, Sidewalks/Safety Improvement	Con	\$234,300	
<b>Summary for TIP Year = 2019 (1 project phase)</b>				<b>\$234,300</b>	
<b>Total for SRTS Funds (1 project phase)</b>				<b>\$234,300</b>	
Federal Fund Type		<b>STBG-C (Surface Transportation Block Grant, Attributable to County Engineers)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
3263	103828 Delaware County	Cheshire Rd from Old State Rd to Africa Rd, Minor Pavement Rehabilitation	Con	\$888,800	
<b>Summary for TIP Year = 2020 (1 project phase)</b>				<b>\$888,800</b>	
<b>Total for STBG-C Funds (1 project phase)</b>				<b>\$888,800</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type		STBG-M (Surface Transportation Block Grant, Attributable to MORPC)				
MORPC ID	PID Agency	Project Name	Phase	Federal Amount		
1565	95570 Columbus	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	ROW	\$1,600,000		
2653	95549 Columbus	Polaris Pkwy from I-71 to Olde Worthington Rd, Major Widening/Intersection Modification	Con	\$8,543,520		
3427	105946 Columbus	Smart Columbus Electric Vehicle Infrastructure, Intelligent Vehicle Systems	Con	\$600,000		
2667	95504 MORPC	Supplemental Planning, SFY 2018, Planning Activity	Plan	\$250,000		
2848	95526 MORPC	Paving the Way, SFY 2018, Program Administration	PE	\$150,000		
3356	105871 MORPC	insight2050 Technical Assistance, Planning Activity	Plan	\$200,000		
1946	88310 ODOT 6	I-270 at US-33/SR-161, Interchange Modification	Pay	\$1,023,220		
1965	95233 Pataskala	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	ROW	\$460,000		
1965	95233 Pataskala	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	Con	\$3,679,679		
2940	81766 Pickerington	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	ROW	\$1,033,728		
2954	99819 Upper Arlington	Reed Rd from Lane Rd to Henderson Rd, Reconstruction	Con	\$1,124,890		
1272	95516 Worthington	Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening/Intersection Modification	ROW	\$2,142,050		
<b>Summary for TIP Year = 2018 (12 project phases)</b>				<b>\$20,807,087</b>		
3282	105710 Columbus	Bike Share Expansion, Bike Share	Con	\$990,921		
1793	90243 Delaware County	S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening/Multi-Use Path	Pay	\$3,612,557		
207	99815 Dublin	Tuttle Crossing Blvd from Wilcox Rd to Avery Rd, New Roadway	Con	\$7,000,000		
3036	99108 MORPC	Supplemental Planning, SFY 2019, Planning Activity	Plan	\$250,000		
3423	105883 MORPC	Paving the Way, SFY 2019, Program Administration	PE	\$150,000		
1794	99846 New Albany	New Albany Signals, Signalization	Con	\$995,069		
1792	90653 ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	Con	\$361,493		
1946	88310 ODOT 6	I-270 at US-33/SR-161, Interchange Modification	Pay	\$1,054,146		
3293	105322 ODOT 6	I-70/I-71 Innerbelt (Phase 2E), Major Widening/Interchange Modification	Con	\$400,000		
2940	81766 Pickerington	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	Con	\$4,880,826		
<b>Summary for TIP Year = 2019 (10 project phases)</b>				<b>\$19,695,012</b>		
1732	90406 Columbus	Lazelle Rd Phase B from Flint Rd to Sancus Blvd, Major Widening/Bridge Replacement	Con	\$15,071,134		
2951	99744 Columbus	Refugee Road from Winchester Pike to Hamilton Road, Sidewalks/Multi-Use Path	Con	\$200,000		
2956	99828 Columbus	Johnstown Rd from Alum Creek Trail to Cassady Ave, Multi-Use Path/Bicycle Lanes	Con	\$1,666,850		
1793	90243 Delaware County	S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening/Multi-Use Path	Pay	\$3,612,557		
3037	99110 MORPC	Supplemental Planning, SFY 2020, Planning Activity	Plan	\$250,000		
3424	NP MORPC	Paving the Way, SFY 2020, Program Administration	PE	\$150,000		
1946	88310 ODOT 6	I-270 at US-33/SR-161, Interchange Modification	Pay	\$1,086,008		
3294	105453 ODOT 6	I-70/I-71 Innerbelt (Phase 3B), Major Widening/New Roadway	Con	\$1,470,800		
<b>Summary for TIP Year = 2020 (8 project phases)</b>				<b>\$23,507,348</b>		
2942	99852 Columbus	N Hamilton Rd from Morse Rd to Preserve Blvd, Major Widening/Intersection Modification	Con	\$14,613,882		
1793	90243 Delaware County	S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening/Multi-Use Path	Pay	\$3,612,557		
3278	105759 Franklin County	Trabue Rd at Scioto River, Bridge Deck Replacement	ROW	\$45,000		
3051	99112 MORPC	Supplemental Planning, SFY 2021, Planning Activity	Plan	\$250,000		
3425	NP MORPC	Paving the Way, SFY 2021, Program Administration	PE	\$150,000		
1946	88310 ODOT 6	I-270 at US-33/SR-161, Interchange Modification	Pay	\$1,118,833		
3295	105523 ODOT 6	I-70/I-71 Innerbelt (Phase 4R), Major Widening/Interchange Modification	Con	\$2,532,320		
<b>Summary for TIP Year = 2021 (7 project phases)</b>				<b>\$22,322,592</b>		
<b>Total for STBG-M Funds (37 project phases)</b>				<b>\$86,332,038</b>		

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type		<b>STBG-S (Surface Transportation Block Grant, Attributable to the State)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
1792	90653 ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	PE DD	\$61,966	
1792	90653 ODOT 6	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	ROW	\$480,000	
2456	76420 ODOT 6	* SR-315 from Sullivant Ave to I-670 on-ramp, Minor Pavement Rehabilitation	Con	\$344,800	
2971	93147 ODOT 6	* Lake St (US 42) from US 36 to Delaware N corp line, Resurfacing	Con	\$159,600	
3140	100681 ODOT 6	* District 6 Spot Paving Repairs, FY18, Maintenance Activity	Con	\$832,000	
3194	102124 ODOT 6	* Various locations on SR-315, Maintenance Activity/Culvert Maintenance	PE Envir	\$200,000	
3204	102832 ODOT 6	* SR-750 from SR-315 to S Old State Rd, Preventive Pavement Maintenance	Con	\$302,830	
3261	103527 ODOT 6	* US-36 from SR-61 to Knox Co Line, Preventive Pavement Maintenance	PE DD	\$3,665	
3261	103527 ODOT 6	* US-36 from SR-61 to Knox Co Line, Preventive Pavement Maintenance	Con	\$839,200	
<b>Summary for TIP Year = 2018 (9 project phases)</b>				<b>\$3,224,060</b>	
2992	96308 ODOT 6	* US 36 at Prairie Run, Bridge Repair	Con	\$215,600	
2993	96312 ODOT 6	* SR-229 at Whetstone Creek, Bridge Maintenance Activities	Con	\$171,600	
3006	97715 ODOT 6	US 23 at 0.2 mi N of SR-315 (Oberlander Run), Culvert Maintenance	Con	\$436,000	
3194	102124 ODOT 6	* Various locations on SR-315, Maintenance Activity/Culvert Maintenance	PE DD	\$200,000	
3194	102124 ODOT 6	* Various locations on SR-315, Maintenance Activity/Culvert Maintenance	Con	\$1,455,200	
3275	95776 ODOT 6	* SR-736 at Robinson Rd (just N of Hickory Ridge Rd), Bridge Deck Replacement	Con	\$1,120,000	
3335	104949 ODOT 6	* SR-665 at Scioto River, Bridge Repair	PE Envir	\$76,000	
<b>Summary for TIP Year = 2019 (7 project phases)</b>				<b>\$3,674,400</b>	
2982	96015 ODOT	* SR-204 at 0.11 mi E of Ault Rd & 0.07 mi W of Tollgate Rd, Bridge Deck Replacement	Con	\$719,656	
2981	95506 ODOT 5	* SR-204 & Taylor Rd (SR-204A) from SR-256 to SR-158, Resurfacing	Con	\$1,938,997	
3054	98141 ODOT 6	* US 42 & SR-521 at Sugar Run & Rosecrans Run, respectively, Bridge Replacement	Con	\$171,138	
3236	98213 ODOT 6	* District 6 culvert program for FY20, Culvert Maintenance	Con	\$86,878	
3335	104949 ODOT 6	* SR-665 at Scioto River, Bridge Repair	PE DD	\$13,600	
3335	104949 ODOT 6	* SR-665 at Scioto River, Bridge Repair	Con	\$616,000	
3342	105025 ODOT 6	* SR-674 from Perrill Rd N to Smith Rd, Slide Repair	Con	\$421,022	
<b>Summary for TIP Year = 2020 (7 project phases)</b>				<b>\$3,967,291</b>	
2994	96320 ODOT	* US 40 at 3 locations, near Hanson St, Mink St & Watkins Rd, Bridge Replacement	Con	\$518,897	
2967	93109 ODOT 5	* US 40 from Franklin/Licking County Line to SR-37, Resurfacing	Con	\$3,264,324	
3244	100765 ODOT 6	* District 6 culvert program for FY21, Culvert Maintenance	Con	\$24,090	
3251	101398 ODOT 6	* District 6 Bridge Repair FY21, Bridge Repair	Con	\$16,000,000	
<b>Summary for TIP Year = 2021 (4 project phases)</b>				<b>\$19,807,311</b>	
<b>Total for STBG-S Funds (27 project phases)</b>				<b>\$30,673,062</b>	
Federal Fund Type		<b>TAP-M (Transportation Alternatives, Attributable to MORPC)</b>			
MORPC ID	PID Agency	Project Name	Phase	Federal Amount	
2951	99744 Columbus	Refugee Road from Winchester Pike to Hamilton Road, Sidewalks/Multi-Use Path	ROW	\$120,000	
<b>Summary for TIP Year = 2018 (1 project phase)</b>				<b>\$120,000</b>	
2950	99743 Columbus	Olentangy Trail from Olentangy River Rd/Bethel Rd to Antrim Park, Multi-Use Path	Con	\$2,104,665	
<b>Summary for TIP Year = 2019 (1 project phase)</b>				<b>\$2,104,665</b>	
2951	99744 Columbus	Refugee Road from Winchester Pike to Hamilton Road, Sidewalks/Multi-Use Path	Con	\$3,640,365	
<b>Summary for TIP Year = 2020 (1 project phase)</b>				<b>\$3,640,365</b>	
<b>Total for TAP-M Funds (3 project phases)</b>				<b>\$5,865,030</b>	

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 10. Summary of Projects by Federal Fund Type**

Federal Fund Type			TAP-S (Transportation Alternatives, Attributable to the State)		
MORPC ID	PID	Agency	Project Name	Phase	Federal Amount
2996	96684	Pataskala	* Taylor Rd from Cleveland Rd to Havens Corner, Multi-Use Path	Con	\$545,000
Summary for TIP Year = 2018 (1 project phase)					\$545,000
3154	100964	Columbus	* Hamilton STEM Academy, Hamilton Elementary & Linden STEM Academy, Sidewalks	Con	\$492,075
3248	100955	Upper Arlington	Barrington Rd from Waltham Rd to Northwest Blvd, Sidewalks	Con	\$230,440
Summary for TIP Year = 2019 (2 project phases)					\$722,515
Total for TAP-S Funds (3 project phases)					\$1,267,515
TOTAL ALL FEDERAL FUNDING SOURCES INCLUDED IN FOUR-YEAR TIP:					\$921,617,061

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



**Table 11. Summary of All Funding Sources in Area by Fiscal Year**

**Highway Funds - Federal, State and Local**

Source	2018	2019	2020	2021	Total	% of Total in Area
<b>Fund Sources Managed by State</b>						
Federal	\$55,597,500	\$88,443,467	\$63,343,864	\$94,829,592	\$302,214,423	22.85%
GARVEE	\$103,269,000	\$48,539,000			\$151,808,000	11.48%
HBP		\$3,275,000			\$3,275,000	0.25%
HP	\$13,572	\$2,804,595			\$2,818,166	0.21%
HSIP	\$13,951,700	\$19,292,378	\$4,485,270	\$3,000,000	\$40,729,348	3.08%
IM	\$5,490,000		\$67,743,360		\$73,233,360	5.54%
NHPP	\$65,116,339	\$16,962,809	\$8,871,541	\$13,636,012	\$104,586,701	7.91%
NHS	\$2,174,960				\$2,174,960	0.16%
SRTS		\$234,300			\$234,300	0.02%
State	\$38,607,856	\$45,647,770	\$23,506,875	\$24,010,434	\$131,772,935	9.96%
STBG-S	\$3,224,060	\$3,674,400	\$3,967,291	\$19,807,311	\$30,673,062	2.32%
TAP-S	\$545,000	\$722,515			\$1,267,515	0.10%
<b>State Subtotal</b>	<b>\$287,989,987</b>	<b>\$229,596,234</b>	<b>\$171,918,201</b>	<b>\$155,283,349</b>	<b>\$844,787,770</b>	<b>63.87%</b>
<b>Fund Sources Managed by MORPC</b>						
CMAQ-M	\$8,478,369	\$12,730,567	\$6,184,549	\$21,367,780	\$48,761,266	3.69%
STBG-M	\$20,807,087	\$19,695,012	\$23,507,348	\$22,322,592	\$86,332,038	6.53%
TAP-M	\$120,000	\$2,104,665	\$3,640,365		\$5,865,030	0.44%
<b>MORPC Subtotal</b>	<b>\$29,405,457</b>	<b>\$34,530,244</b>	<b>\$33,332,262</b>	<b>\$43,690,372</b>	<b>\$140,958,334</b>	<b>10.66%</b>
<b>Fund Sources Managed by Local</b>						
HSIP-C	\$88,585	\$180,000	\$200,000		\$468,585	0.04%
Local	\$139,356,048	\$52,423,108	\$55,199,519	\$65,462,040	\$312,440,715	23.62%
LTIP	\$2,831,756		\$2,804,124		\$5,635,880	0.43%
Private	\$3,240,000	\$2,400,000		\$1,500,000	\$7,140,000	0.54%
SCIP	\$9,207,523	\$1,056,500			\$10,264,023	0.78%
STBG-C			\$888,800		\$888,800	0.07%
<b>Local Subtotal</b>	<b>\$154,723,913</b>	<b>\$56,059,608</b>	<b>\$59,092,443</b>	<b>\$66,962,040</b>	<b>\$336,838,003</b>	<b>25.47%</b>
<b>Highway Totals</b>	<b>\$472,119,356</b>	<b>\$320,186,085</b>	<b>\$264,342,906</b>	<b>\$265,935,760</b>	<b>\$1,322,584,107</b>	<b>100.00%</b>

**Transit Funds - Federal, State and Local**

Source	2018	2019	2020	2021	Total	% of Total in Area
<b>Fund Sources Managed by State</b>						
Sec 5307	\$21,871,472	\$16,445,426	\$12,135,786	\$12,507,072	\$62,959,756	8.76%
Sec 5339	\$3,326,751				\$3,326,751	0.46%
State Transit	\$73,000	\$73,000	\$73,000	\$73,000	\$292,000	0.04%
<b>State Subtotal</b>	<b>\$25,271,223</b>	<b>\$16,518,426</b>	<b>\$12,208,786</b>	<b>\$12,580,072</b>	<b>\$66,578,507</b>	<b>9.26%</b>
<b>Fund Sources Managed by Local</b>						
Local	\$159,649,669	\$148,180,980	\$157,993,338	\$186,549,834	\$652,373,820	90.74%
<b>Local Subtotal</b>	<b>\$159,649,669</b>	<b>\$148,180,980</b>	<b>\$157,993,338</b>	<b>\$186,549,834</b>	<b>\$652,373,820</b>	<b>90.74%</b>
<b>Transit Totals</b>	<b>\$184,920,892</b>	<b>\$164,699,406</b>	<b>\$170,202,124</b>	<b>\$199,129,906</b>	<b>\$718,952,327</b>	<b>100.00%</b>
<b>FY Totals</b>	<b>\$657,040,248</b>	<b>\$484,885,491</b>	<b>\$434,545,030</b>	<b>\$465,065,666</b>	<b>\$2,041,536,435</b>	

Includes funding for Statewide Line Items.



**Table 12. Fiscal Balance of MORPC-Attributable Funds**

Year		4TA7	4TB7	4TC7	Total	SAC Budget Balancing			
		(STBG)	(CMAQ)*	(TAP)		4TA7 (STBG)	4TB7 (CMAQ)	4TC7 (TAP)	All
2017	March 20								
	Projected Carry Over	\$2,155,557	\$0	\$4,903	\$2,160,460				
	New SAC Budget Transactions					\$0	\$0	\$0	\$0
	Projected Carry Over to FY 18	\$2,155,557	\$0	\$4,903	\$2,160,460				
Year		4TA7	4TB7	4TC7	Total	SAC Budget Balancing			
		(STBG)	(CMAQ)	(TAP)		4TA7	4TB7	4TC7	All
2018	FY 2018 Current								
	Adjusted Allocation	\$25,838,941	\$11,380,171	\$155,738	\$37,374,850				
	FY 17 Carry Forward	<u>\$2,155,557</u>	<u>\$0</u>	<u>\$4,903</u>	<u>\$2,160,460</u>				
	New SAC Budget Transactions					\$0	\$0	\$0	\$0
	Available 2018 Budget	\$27,994,498	\$11,380,171	\$160,641	\$39,535,310				
	Program Demand	<u>\$20,807,087</u>	<u>\$8,478,369</u>	<u>\$120,000</u>	<u>\$29,405,457</u>				
	Carry Over to FY 19	\$7,187,411	\$2,901,802	\$40,641	\$10,129,853				
2019	FY 2019 Allocation	\$23,606,908	\$11,339,849	\$1,114,940	\$36,061,697				
	FY 18 Carry Forward	<u>\$7,187,411</u>	<u>\$2,901,802</u>	<u>\$40,641</u>	<u>\$10,129,853</u>				
	New SAC Budget Transactions	(\$1,000,000)		\$1,000,000		(\$1,000,000)	\$0	\$1,000,000	\$0
	Available 2019 Budget	\$29,794,319	\$14,241,651	\$2,155,581	\$46,191,550				
	Program Demand	<u>\$19,695,012</u>	<u>\$12,730,567</u>	<u>\$2,104,665</u>	<u>\$34,530,244</u>				
	Carry Over to FY 20	\$10,099,307	\$1,511,083	\$50,916	\$11,661,307				
2020	FY 2020 Allocation	\$22,923,896	\$11,566,646	\$2,292,389	\$36,782,931				
	FY 19 Carry Forward	<u>\$10,099,307</u>	<u>\$1,511,083</u>	<u>\$50,916</u>	<u>\$11,661,307</u>				
	New SAC Budget Transactions	(\$1,510,000)		\$1,510,000		(\$1,510,000)	\$0	\$1,510,000	\$0
	Available 2020 Budget	\$31,513,203	\$13,077,729	\$3,853,305	\$48,444,238				
	Program Demand	<u>\$23,507,348</u>	<u>\$6,184,549</u>	<u>\$3,640,365</u>	<u>\$33,332,262</u>				
	Carry Over to FY 21	\$8,005,856	\$6,893,180	\$212,940	\$15,111,976				
2021	FY 2021 Allocation	\$23,382,374	\$14,497,979	\$2,338,237	\$40,218,590				
	FY 20 Carry Forward	<u>\$8,005,856</u>	<u>\$6,893,180</u>	<u>\$212,940</u>	<u>\$15,111,976</u>				
	New SAC Budget Transactions	\$2,510,000		(\$2,510,000)		\$2,510,000	\$0	(\$2,510,000)	\$0
	Available 2021 Budget	\$33,898,230	\$21,391,159	\$41,177	\$55,330,565				
	Program Demand	<u>\$22,322,592</u>	<u>\$21,367,780</u>	<u>\$0</u>	<u>\$43,690,372</u>				
	Carry Over to FY 22	\$11,575,638	\$23,379	\$41,177	\$11,640,194				
SAC budget trade balance must equal \$0						\$0	\$0	\$0	\$0

\*Estimates - Budgets for CMAQ are set to match the amount allocated to projects through the large MPO statewide CMAQ process.



## **Fiscal Balance for All Funds**

Table 13 summarizes the use of all funding as compared to the expected funding resources as provided previously for the MORPC area in Section 4.

## **Fiscal Balance for Transit-Attributable Funds**

Transit funding resources are also shown in Table 13 for the Central Ohio Transit Authority (COTA) and the Delaware Area Transit Agency (DATABus). The MORPC SFY 2018-2021 TIP listing includes COTA's and DATABus's fiscally constrained projects demonstrating that the transit agencies' projected federal expenditures are in balance with projected revenues.

COTA and DATABus are each a Designated Recipient for the Federal Transit Administration (FTA) Formula Section 5307 Urban Area Program Funds in the Columbus Urbanized Area and Section 5339 Bus and Bus Facilities. MORPC assists COTA and DATABus with splitting the apportionment based on formulas from FTA. COTA and DATABus each receive Section 5307 and Section 5339 funds directly from FTA. Designated Recipients of Section 5307 funds are required to spend no less than one percent on Associated Transit Improvements and Transit Security.

COTA's financial analysis is included in its Calendar Year (CY) 2017-2021 Short-Range Transit Plan (SRTP) (see Appendix A). The data found in COTA's CY 2017-2021 SRTP include a financial summary of projected sources (revenues) and uses (expenditures) the next five years.

DATABus has transitioned from a rural system to being part of a large urbanized area system. Currently it does not have an SRTP for its area. DATABus is entering a study on the continued development of a public transit services and business plan. The plan will include the community's attitude and thoughts on service needs and potential sources of local funding. An SRTP will evolve as DATABus progresses through the study process DATABus will be responsible for fiscal constraint.

## ***Locally Developed Human Services Public Transportation Coordination Plan***

Section 5310 Enhanced Mobility of Older Adults and Persons with Disabilities is apportioned to each large urbanized area. MORPC is the designated recipient for the Columbus urbanized area. At least 55% of program funds must be used on capital projects. Up to 45% may be used on what was eligible for New Freedom types of projects; and ten percent can be used by the Designated Recipient to administer the program.

The Section 5310 program must select projects from a locally developed human services public transportation plan. The plan assessed resources and identified needs to document projects that are eligible to receive funds. Project selection uses the Franklin County and Delaware County Coordinated Plans.



**Table 13. Fiscal Balance of All Funds (Thousands)**

Fund Type	2018			2019			2020			2021			2018-2021		
	Budget	Estimate	Balance	Budget	Estimate	Balance	Budget	Estimate	Balance	Budget	Estimate	Balance	Budget	Estimate	Balance
<b>Federal Highway</b>															
CMAQ-M	\$11,380	\$8,478	\$2,902	\$11,340	\$12,731	-\$1,391	\$11,567	\$6,185	\$5,382	\$14,498	\$21,368	-\$6,870	\$48,785	\$48,761	\$23
GARVEE	\$103,269	\$103,269	\$0	\$48,539	\$48,539	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$151,808	\$151,808	\$0
HBP	\$0	\$0	\$0	\$3,275	\$3,275	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,275	\$3,275	\$0
HP	\$14	\$14	\$0	\$2,805	\$2,805	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,818	\$2,818	\$0
HSIP	\$13,952	\$13,952	\$0	\$19,292	\$19,292	\$0	\$4,485	\$4,485	\$0	\$3,000	\$3,000	\$0	\$40,729	\$40,729	\$0
HSIP-C	\$89	\$89	\$0	\$180	\$180	\$0	\$200	\$200	\$0	\$0	\$0	\$0	\$469	\$469	\$0
IM	\$5,490	\$5,490	\$0	\$0	\$0	\$0	\$67,743	\$67,743	\$0	\$0	\$0	\$0	\$73,233	\$73,233	\$0
NHPP	\$65,116	\$65,116	\$0	\$16,963	\$16,963	\$0	\$8,872	\$8,872	\$0	\$13,636	\$13,636	\$0	\$104,587	\$104,587	\$0
NHS	\$2,175	\$2,175	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,175	\$2,175	\$0
SRTS	\$0	\$0	\$0	\$234	\$234	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$234	\$234	\$0
STBG-C	\$0	\$0	\$0	\$0	\$0	\$0	\$889	\$889	\$0	\$0	\$0	\$0	\$889	\$889	\$0
STBG-M	\$27,994	\$20,807	\$7,187	\$22,607	\$19,695	\$2,912	\$21,414	\$23,507	-\$2,093	\$25,892	\$22,323	\$3,570	\$97,908	\$86,332	\$11,576
STBG-S	\$3,224	\$3,224	\$0	\$3,674	\$3,674	\$0	\$3,967	\$3,967	\$0	\$19,807	\$19,807	\$0	\$30,673	\$30,673	\$0
TAP-M	\$161	\$120	\$41	\$2,115	\$2,105	\$10	\$3,802	\$3,640	\$162	-\$172	\$0	-\$172	\$5,906	\$5,865	\$41
TAP-S	\$545	\$545	\$0	\$723	\$723	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,268	\$1,268	\$0
<b>Subtotal</b>	<b>\$233,409</b>	<b>\$223,279</b>	<b>\$10,130</b>	<b>\$131,747</b>	<b>\$130,215</b>	<b>\$1,531</b>	<b>\$122,939</b>	<b>\$119,489</b>	<b>\$3,451</b>	<b>\$76,662</b>	<b>\$80,134</b>	<b>-\$3,472</b>	<b>\$564,756</b>	<b>\$553,116</b>	<b>\$11,640</b>
<b>Unassigned Federal Highway</b>															
Federal	\$55,598	\$55,598	\$0	\$88,443	\$88,443	\$0	\$63,344	\$63,344	\$0	\$94,830	\$94,830	\$0	\$302,214	\$302,214	\$0
<b>State &amp; Local Highway</b>															
Local	\$139,356	\$139,356	\$0	\$52,423	\$52,423	\$0	\$55,200	\$55,200	\$0	\$65,462	\$65,462	\$0	\$312,441	\$312,441	\$0
LTIP	\$2,832	\$2,832	\$0	\$0	\$0	\$0	\$2,804	\$2,804	\$0	\$0	\$0	\$0	\$5,636	\$5,636	\$0
Private	\$3,240	\$3,240	\$0	\$2,400	\$2,400	\$0	\$0	\$0	\$0	\$1,500	\$1,500	\$0	\$7,140	\$7,140	\$0
SCIP	\$9,208	\$9,208	\$0	\$1,057	\$1,057	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,264	\$10,264	\$0
State	\$38,608	\$38,608	\$0	\$45,648	\$45,648	\$0	\$23,507	\$23,507	\$0	\$24,010	\$24,010	\$0	\$131,773	\$131,773	\$0
<b>Subtotal</b>	<b>\$193,243</b>	<b>\$193,243</b>	<b>\$0</b>	<b>\$101,527</b>	<b>\$101,527</b>	<b>\$0</b>	<b>\$81,511</b>	<b>\$81,511</b>	<b>\$0</b>	<b>\$90,972</b>	<b>\$90,972</b>	<b>\$0</b>	<b>\$467,254</b>	<b>\$467,254</b>	<b>\$0</b>
<b>Transit</b>															
Local-Transit	\$159,650	\$159,650	\$0	\$148,181	\$148,181	\$0	\$157,993	\$157,993	\$0	\$186,550	\$186,550	\$0	\$652,374	\$652,374	\$0
SEC 5307	\$21,871	\$21,871	\$0	\$16,445	\$16,445	\$0	\$12,136	\$12,136	\$0	\$12,507	\$12,507	\$0	\$62,960	\$62,960	\$0
SEC 5339	\$3,327	\$3,327	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,327	\$3,327	\$0
State Transit	\$73	\$73	\$0	\$73	\$73	\$0	\$73	\$73	\$0	\$73	\$73	\$0	\$292	\$292	\$0
<b>Subtotal</b>	<b>\$184,921</b>	<b>\$184,921</b>	<b>\$0</b>	<b>\$164,699</b>	<b>\$164,699</b>	<b>\$0</b>	<b>\$170,202</b>	<b>\$170,202</b>	<b>\$0</b>	<b>\$199,130</b>	<b>\$199,130</b>	<b>\$0</b>	<b>\$718,952</b>	<b>\$718,952</b>	<b>\$0</b>
<b>Grand Total</b>															
<b>Grand Total</b>	<b>\$667,170</b>	<b>\$657,040</b>	<b>\$10,130</b>	<b>\$486,417</b>	<b>\$484,885</b>	<b>\$1,531</b>	<b>\$437,996</b>	<b>\$434,545</b>	<b>\$3,451</b>	<b>\$461,594</b>	<b>\$465,066</b>	<b>-\$3,472</b>	<b>\$2,053,177</b>	<b>\$2,041,536</b>	<b>\$11,640</b>



## 8. Other Federal and MORPC Requirements

### Air Quality Conformity

Franklin, Delaware, Madison, Knox, Fairfield and Licking counties were designated to non-attainment for ozone effective June 2004 as a result of the implementation of the 1997 eight-hour ozone standard. The six-county area was re-designated back to attainment in 2009. Then, on May 21, 2012 US EPA's Federal Register notice designated the Columbus Central Ohio area as marginal nonattainment area for the 2008 eight-hour ozone standard. On December 21, 2016 US EPA's Federal Register notice designated the area back to attainment of the ozone standard.

With respect to PM<sub>2.5</sub>, Franklin, Delaware, Licking, and Fairfield counties and part of Coshocton County were designated non-attainment of the 1997 annual PM<sub>2.5</sub> standard effective April 2005. On November 7, 2013 U.S. EPA approved re-designation of the Columbus area to attainment of the standard. A new annual PM<sub>2.5</sub> standard was promulgated by U.S. EPA in 2012 which strengthened the annual fine particle standard. On December 18, 2014, the EPA issued designations for the standard which showed counties in Central Ohio are in attainment of the standard. On August 24, 2016 EPA finalized the rules that revoked the 1997 annual PM<sub>2.5</sub> NAAQS in areas that are designated as attainment which removed transportation conformity requirements for areas in attainment of the PM<sub>2.5</sub> standard such as central Ohio.

The Clean Air Act requires that the TIP projects in nonattainment areas lead to improvements in air quality. The process that shows that TIPs lead to improvements in air quality or maintain the air quality standard is called a conformity determination. A conformity determination is required at least every four years, when modifications to the Metropolitan Transportation Plan are completed, or within one year after an area is designated non-attainment. TIPs do not require a separate new conformity analysis as long as all of the projects are consistent with the most recent conformity analysis performed for the MTP.

The MTP was updated and accompanying conformity determination completed in May 2016 with federal approval in June 2016. To be consistent with the adjustment to project schedules reflected in the SFY 2018-2021 TIP, MORPC re-analyzed the MTP conformity for ozone.

The conformity determination was made by MORPC with technical assistance from ODOT. The technical procedures were developed by ODOT and agreed to by MORPC. The emissions analysis was based on the MOVES model and included the latest planning assumptions. The air quality conformity strategy was agreed upon by ODOT, U.S. EPA and FHWA through interagency consultation. Complete documentation of the conformity process, the procedures used and the analysis results are contained in Appendix 1, which is available upon request.

Transportation network models were developed by MORPC based on the program of projects contained in the four-year TIP and MTP. Regionally significant non-federal construction projects, to be completed by the analysis years, were also solicited from implementing agencies and included in the analysis. This included projects funded by the Local Transportation Improvement Program (LTIP) and the State Capital Improvement Program (SCIP). Finally, all projects in the MTP are included in the MTP's horizon year (2040) analysis.

The conformity analysis was performed using analysis years 2020, 2030 and 2040. For the analysis years, the budget test is performed, which consists of comparing forecast year emission loadings to the mobile emission budgets.



The air quality appendix identifies which projects require air quality analysis and which ones are included in each of the analysis years. The method used to forecast emissions for each analysis year is consistent with the SIP. Table 14 provides information on the ozone budget test.

The results of the conformity analysis show that the emissions for VOC and NOx are less than the emission budgets for the ozone analysis. Thus, it is determined that MORPC's SFY 2018-2021 TIP is in conformity.

**Table 14. TIP Air Quality Analysis for the Columbus Ozone Nonattainment Area**

	<b>VOC (tons/day)</b>	<b>Budget (tons/day)</b>	<b>NOx (tons/day)</b>	<b>Budget (tons/day)</b>
<b>2020 Build</b>	40.265	50.66	51.805	90.54
<b>2030 Build</b>	25.923	44.31	23.823	85.13
<b>2040 Build</b>	19.142	44.31	16.134	85.13

### **Transportation Control Measures**

Transportation Control Measures (TCMs) are transportation strategies which are sometimes included in a region's State Implementation Plan (SIP) to help an area achieve or maintain an air quality standard. The TIP should describe the progress in implementing TCMs. The SIP for the Columbus non-attainment area does not include any TCMs; thus, there is no progress to report in the TIP.

### **Environmental Justice**

Recognizing that the impacts of federal programs and activities may raise questions of fairness to affected groups, on February 11, 1994, President Clinton signed Executive Order 12898: Federal Actions to Address Environmental Justice (EJ) in Minority Populations and Low-Income Populations. While not a new requirement, EJ amplifies the provisions found in Title VI of the Civil Rights Act of 1964. Title VI of the Civil Rights Act of 1964 prohibits discriminatory practices in programs and activities receiving federal funds. The transportation planning regulations require that metropolitan transportation planning processes be consistent with Title VI.

This order requires that, for any program or activity for which any federal funds will be used, the agency receiving federal funds must make a meaningful effort to involve low-income and minority populations in the decision processes established to use the federal funds. This requirement is met through the TIP public participation process discussed in Section 2 and in the detailed activities in Appendix 2.

In addition, the order required that there be an evaluation of the nature, extent, and incidence of probable favorable and adverse human health or environmental impacts of the program or activity upon minority or low-income populations. Appendix 3 of the TIP provides detailed technical environmental justice analysis to identify any disproportional impacts of the TIP as a whole. The analysis shows that there are not any disproportional impacts.

### **MORPC Complete Streets Policy**

In 2010, MORPC adopted a Complete Streets Policy. The policy builds upon MORPC's previous efforts to promote a multimodal transportation system that is integrated with sustainable land use developments. Its main objective is to design and build roads that safely and comfortably accommodate all users of roadways, including motorists, cyclists, pedestrians, transit and school bus



riders, delivery and service personnel, freight haulers, and emergency responders. It includes people of all ages and abilities.

MORPC requires that all projects receiving MORPC-attributable federal funding adhere to the Complete Streets Policy. MORPC recommends that all local jurisdictions and the state adopt comprehensive Complete Streets policies, consistent with the Regional Policy.

The MORPC Complete Streets Policy is included in Appendix B.

## 9. Detailed Project Listings

This section provides the detailed project listing as well as four listings providing various subsets of TIP projects. The TIP project listing is multi-modal and includes highway, transit, bikeway and pedestrian projects. The following is included in this section:

**Guide to the TIP Project Listing** – This is a guide to the detailed project listing and includes a list of all acronyms used throughout this document.

**Project Location Map** – This is a map of the projects included in the TIP. Note that some projects such as line items, programs and purchases are not included on the map.

**Map Key** – This is a simplified project listing which is sorted by MORPC's project ID number. It can be used with the map to identify where projects are located and includes the county, route and section identification to look up a project in the detailed listing.

**Detailed Listing Organized by County, Route & Section** – This is the complete TIP project listing providing all details about each individual project. It is sorted by the county, route and section number that has been assigned to each project.

**Statewide Line Items** – Following an explanation is a table of statewide line items, followed by a listing of projects included in the TIP through statewide line items. These projects are not included in the TIP individually, but by reference to a statewide line item.

**Projects with Bicycle Components** – This section is a subset of projects which either are bicycle facility projects or include new bicycle components as part of a larger project.

**Projects with Pedestrian Components** – This section is a subset of projects that either are pedestrian facility projects or include new pedestrian components as part of a larger project.

**Intelligent Transportation System Projects** – This section is a subset of projects that either are Intelligent Transportation System (ITS) projects or include ITS components as part of a larger project.

**Projects with Significance for Freight** – This section is a subset of projects which are projects with significance for freight movement throughout Central Ohio.

### Guide to the TIP Project Listing

This is a guide to the headings and abbreviations used in the TIP project listing. It is organized alphabetically by the name of each field shown in the listing.



**Agency** – The agency that is sponsoring the project.

- COTA = Central Ohio Transit Authority
- DATA = Delaware Area Transit Agency
- MORPC = Mid-Ohio Regional Planning Commission
- ODOT = Ohio Department of Transportation, with District number

**AirQuality** – How the project is assessed for the air quality conformity analysis

- E = Exempt from the analysis
- SA = Included in the system-wide analysis

**ALI** – FTA Activity Line Item code

**Amount** – Funds committed to a project phase from a particular source.

**Bike Components** – Description of bicycle components that are associated with the project.

**Co-Rt-Section (County-Route-Section)** - Identifies project by county, route and section mileage designations, where applicable. Project phase or segment identification may also be indicated.

**County** – County in which the project is located:

- D05 = Counties in ODOT District 5 (includes Fairfield and Licking)
- D06 = Counties in ODOT District 6 (includes Delaware and Franklin)
- DEL = Delaware
- FAI = Fairfield
- FRA = Franklin
- LIC = Licking
- LOG = Logan
- MAD = Madison
- PIC = Pickaway
- UNI = Union

**FTA** – Federal Transit Administration

**ITS** – Intelligent Transportation Systems

**Length** – Length of the project in miles, if known and applicable.

**Local Let** – If checked, the project has federal funding, and ODOT is allowing the local public agency (LPA) to administer the project under ODOT supervision.

**MORPC ID** – Identification number that MORPC has assigned to the project for the TIP.

**MTP Reference** – Associated identification number(s) for project(s) included in MORPC's Metropolitan Transportation Plan.

**Ped Components** – Description of pedestrian components associated with the project.

**Phase** – A component of the project. Abbreviations:

- Con = Construction
- Other = Other
- Pay = Payment
- PE = Preliminary Engineering
- PE DD = Detailed Design
- PE Envir = Environmental/Preliminary Development
- Plan = Planning



- Plan/Dply = Planning/Deployment
- Purch = Purchase
- ROW = Right-of-Way Activities (including land acquisition and utility relocation)
- Study = Study

**PID** – The project identification number assigned by ODOT.

- NA = Not Applicable (ODOT programming not necessary for planned funding sources)
- NP = Not Programmed (ODOT programming may be necessary but has not happened yet)

**Route** – Route designation and number or municipal street name. Abbreviations:

- CR = County Route
- IR = Interstate Route
- SR = State Route
- TR = Township Route
- US = United States Route

**Scope** – The major activities included in the scope of the project.

**Section** – Distance in miles from start of the route in the county to the start of the project, based on ODOT's system mileage section.

**SFY** – State Fiscal Year. Each funding event is listed with the state fiscal year in which the phase begins. State fiscal years begin on July 1 of the previous calendar year; e.g., SFY 2018 begins July 1, 2017 and ends June 30, 2018.

**Source** – Origin of funding commitment. Federal sources are described by the purpose of the particular source. Unless specified as state or local, all funding sources listed below are federal.

- CMAQ-M = Congestion Mitigation/Air Quality Improvement, Attributable to MORPC
- Federal = Unassigned Federal Transportation Funds
- GARVEE = State Bonds to be Retired with Federal (Advance Construction)
- HBP = Highway Bridge Program
- HP = High Priority
- HSIP = Highway Safety Improvement Program
- HSIP-C = Highway Safety Improvement Program, Attributable to County Engineers
- IM = Interstate Maintenance
- Local = Local Public Agency Funds
- Local-Pay = Local Public Agency Funds Reimbursed from Non-Local Sources
- Local-Transit = Local Public Transit Authority Funds
- LTIP = Local Transportation Improvement Program (Ohio Public Works Commission)
- NHPP = National Highway Performance Program
- NHS = National Highway System
- Private = Private Sources
- SCIP = State Capital Improvement Program (Ohio Public Works Commission)
- Sec ##### = Federal Transit Administration Funds by Section Number
  - Sec 5307 = Transit Formula Block Grants
  - Sec 5339 = Bus and Bus Facilities
- SRTS = Safe Routes to School
- State = State Transportation Funds
- State Transit = State General Revenue Funds for Transit
- STBG-C = Surface Transportation Block Grant, Attributable to County Engineers
- STBG-M = Surface Transportation Block Grant, Attributable to MORPC



- STBG-S = Surface Transportation Block Grant, Attributable to the State
- TAP-M = Transportation Alternatives Program, Attributable to MORPC
- TAP-S = Transportation Alternatives Program, Attributable to the State
- Unfunded = No Funding Source Identified (Appears Only in SFYs Beyond 2021)



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
207	FRA-Tuttle Crossing Blvd-	Tuttle Crossing Blvd from Wilcox Rd to Avery Rd, New Roadway	Dublin
718	FRA-Cassady Ave-	Cassady Ave from CSX Railroad to north of E 7th Ave, Minor Widening/Intersection Modification	Columbus
724	FRA-Scioto Darby-Leppert	Scioto Darby Rd & Leppert Rd, Major Widening/Minor Widening	Hilliard
726	FRA-CR039-00.00	Cosgray Rd extension from Scioto Darby Rd to Alton & Darby Creek Rd N of Heritage Club Dr, New Roadway/Realignment	Hilliard
872	FRA-CR027-07.85	Trabue Rd at Buckeye Railroad Yard, E of Hilliard-Rome Rd, Bridge Repair	Franklin County
875	FRA-Winchester Pike-	Winchester Pike at Georges Creek, Bridge Replacement	Franklin County
929	FRA-SR016-(E Broad St)	E Broad St from I-270 to Outerbelt St, Major Widening/Intersection Modification	Columbus
1139	FRA-IR070-03.410	I-70 from 0.4 mi W of Alton & Darby Creek Rd to 0.3 mi W of Wilson Rd, Major Widening/Resurfacing	ODOT 6
1146	FRA-CR037-Leppert Rd	Leppert Rd from Davidson Rd to Hayden Run Rd, Minor Widening	Franklin County
1149	FRA-CR029-Walcutt Rd	Scioto Darby Rd at Walcutt Rd, Intersection Modification	Hilliard
1150	FRA-CR040-Hayden Run	Wilcox Rd at Hayden Run Rd, Intersection Modification	Hilliard
1170	FRA-CR546-12.90	E Dublin-Granville Rd at Rocky Fork Creek, Bridge Repair	Franklin County
1250	FRA-CR015-05.62	Livingston Ave at Blacklick Creek, Bridge Rehabilitation	Franklin County
1253	FRA-Fifth Ave-Path	Fifth Ave from Dublin Rd to Andover Rd, Multi-Use Path/Reconstruction	Upper Arlington
1256	FRA-CR006-06.26	Reynoldsburg-New Albany Rd at Clark State Rd (CR-95), Turn Lane Addition	Franklin County
1272	FRA-CR084-01.36	Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening/Intersection Modification	Worthington
1416	FRA-W Johnstown Rd-	W Johnstown Rd from Stygler Rd to Olde Ridenour Rd, Minor Widening	Gahanna
1434	FRA-SR674-Phase IV	Gender Rd at Groveport Rd, Intersection Modification	Canal Winchester
1490*	FRA-IR070-16.47	I-70 from Fairwood Ave to Fairfield Co Line, Resurfacing	ODOT 6
1495	FRA-CR039-Cosgray Rd	Cosgray Rd from Scioto Darby Rd to Baldwin Rd, Multi-Use Path/Resurfacing	Hilliard
1497*	FRA-IR070-07.600	I-70 from 0.34 mi W of Wilson Rd to W Broad St, Resurfacing	ODOT 6
1565	FRA-SR317-10.63	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	Columbus
1703	FRA-Big Walnut Trail-	Big Walnut Trail from Pizzurro Park Dr to Galloway Reserve near Rocky Fork Dr S, Multi-Use Path	Gahanna
1722	FRA-TR266-Borror Ph 1	Borror Rd from Quail Creek Blvd to Buckeye Pkwy, Reconstruction	Grove City
1732	FRA-Lazelle Rd-Phase B	Lazelle Rd Phase B from Flint Rd to Sancus Blvd, Major Widening/Bridge Replacement	Columbus
1792	FRA-US062-10.67	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	ODOT 6
1793	DEL-CR010-0.90	S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening/Multi-Use Path	Delaware County
1794	FRA-New Albany-Signals	New Albany Signals, Signalization	New Albany
1797	DEL-CR124-SR-315	Home Rd at SR-315, Intersection Modification/Bridge Deck Replacement	Delaware County
1890	FRA-IR270-36.94	I-270 from 0.36 mi W of Hamilton Rd to 0.92 mi S of Broad St, Reconstruction	ODOT 6
1946	FRA-IR270-17.29	I-270 at US-33/SR-161, Interchange Modification	ODOT 6
1965	LIC-CR041-07.47	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	Pataskala
2427	DEL-IR071-07.91	I-71 at Sunbury Pkwy, New Interchange	ODOT 6
2447	FRA-IR071-05.290	I-71 from SR-665 to Stringtown Rd, Major Widening/Bridge Deck Replace	ODOT 6
2452	FRA-IR070-15.29 (Proj 5)	I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening/Bridge Reconstruction	ODOT 6

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
2456*	FRA-SR315-00.49	SR-315 from Sullivant Ave to I-670 on-ramp, Minor Pavement Rehabilitation	ODOT 6
2482*	FRA-US040-10.550	W Broad St (US-40) from Central Ave to Scioto River, Resurfacing	ODOT 6
2486*	FRA-US033-14.35	Dublin Rd/Long St/Spring St at 2 segments from Grandview Hts to Downtown Columbus, Resurfacing	ODOT 6
2517	DEL-CR124-Phase 2	Home Rd Extension from US-23 to Graphics Way, New Roadway	Delaware County
2568	FRA-COTA Canal	COTA Canal Winchester Park & Ride, Transit Activity/Operations Facility	COTA
2571	FRA-IR070-11.78 (Proj 6)	I-70/I-71 Innerbelt (Phase 6), Interchange Modification/Major Widening	ODOT 6
2626*	FRA-Columbus-	Near Binns and Burroughs elementary schools, Sidewalks/Safety Improvement	Columbus
2644	FRA-IR071-0.00	I-71 from Pickaway Co Line to SR-665, Major Widening/Bridge Deck Replace	ODOT 6
2651	FRA-Lazelle Rd-Phase A	Lazelle Rd Phase A from N High St to Flint Rd, Minor Widening/Multi-Use Path	Columbus
2652	FRA-Lazelle Rd-Phase C	Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening/Multi-Use Path	Columbus
2653	DEL-CR615-00.00	Polaris Pkwy from I-71 to Olde Worthington Rd, Major Widening/Intersection Modification	Columbus
2658	FRA-COTA 2018 28 35-	COTA 2018 28 35-40' Bus Purchase, Transit Replacement Capital	COTA
2663	FRA-MORPC FY 18-Air	Air Quality Awareness, SFY 2018, Air Quality Project	MORPC
2665	FRA-MORPC FY 18-	RideSolutions, SFY 2018, Ridesharing	MORPC
2667	FRA-MORPC FY 18-Reg	Supplemental Planning, SFY 2018, Planning Activity	MORPC
2672	FRA-IR270-09.15	I-270 (West Outerbelt) from I-70 to US-33, Major Widening/Minor Pavement Rehabilitation	ODOT 6
2694*	FRA-SR016-03.57	E Broad St from Drexel Ave to Gould Rd, Resurfacing	ODOT 6
2747	FRA-US040-07.00	W Broad St from E of Georgesville Rd to 500' E of Wilson Rd, Safety Improvement/Reconstruction	ODOT 6
2750*	FRA-IR270-39.53 (Noise	I-270 from E Broad St to Noe-Bixby Rd, Noise Walls	ODOT 6
2757*	UNI-US033-24.57	US-33 from Post Rd to Avery Rd, Resurfacing	ODOT 6
2758*	FRA-Extrusign-M	Various routes in Franklin County, Signage	ODOT 6
2786	FRA-COTA Fields CNG	COTA Fields CNG Rehabilitation, Transit Activity	COTA
2836	DEL-CR024-00.07	S Old 3C Hwy from Mt Royal Ave to Freeman Rd, Minor Widening/Signalization	Delaware County
2841	FRA-James Rd-Livingston	James Rd from Livingston Ave to E Main St, Reconstruction	Columbus
2848	FRA-Paving the Way-FY18	Paving the Way, SFY 2018, Program Administration	MORPC
2850*	DEL-US036-10.59	E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening	Delaware
2868	FRA-COTA Real-Time	COTA Real-Time Digital Displays, Transit Activity/ITS	COTA
2874	FRA-IR070-14.00 (Ph 4B)	I-70/I-71 Innerbelt (Phase 4B), Major Widening/Bridge Replacement	ODOT 6
2904	FRA-US040-22.16	E Main St from I-270 to McNaughten Rd, Safety Improvement	Columbus
2915	FRA-Demorest Rd-Phase	Demorest Rd from Southwest Blvd to Grove City Rd, Minor Widening/Signalization	Grove City
2918	FRA-CR003-12.96	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	Columbus
2919	FRA-CR015-01.65	Livingston Ave at Barnett Rd, Intersection Modification/Sidewalks	Columbus
2922	FRA-US033-24.26	US-33 from I-270 (SE Outerbelt) to Hamilton Rd (SR-317), Major Widening/Resurfacing	ODOT 6
2931	FRA-MORPC FY 19-AQ	Air Quality Awareness, SFY 2019, Air Quality Project	MORPC
2932	FRA-MORPC FY 20-AQ	Air Quality Awareness, SFY 2020, Air Quality Project	MORPC
2933	FRA-MORPC FY 21-AQ	Air Quality Awareness, SFY 2021, Air Quality Project	MORPC

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
3027	FRA-COTA 2019 Bus-	COTA 2019 Bus Replacement, Transit Replacement Capital	COTA
3028	FRA-COTA 2019	COTA 2019 Paratransit Replace, Transit Replacement Capital	COTA
3031	FRA-COTA Operating	COTA Operating 2018, Transit Operating	COTA
3032	FRA-COTA Operating	COTA Operating 2019, Transit Operating	COTA
3033	FRA-COTA Fields Avenue-	COTA Fields Avenue Assessment, Transit Activity	COTA
3036	FRA-MORPC FY 19 Supp-	Supplemental Planning, SFY 2019, Planning Activity	MORPC
3037	FRA-MORPC FY 20 Supp-	Supplemental Planning, SFY 2020, Planning Activity	MORPC
3039	DEL-DATA 2018	DATA 2018 Operating Assistance, Transit Operating	DATA
3040	DEL-DATA 2018 Capital-	DATA 2018 Capital Maintenance, Transit Replacement Capital	DATA
3041	DEL-DATA 2018 Vehicle-	DATA 2018 Vehicle Replacement, Transit Replacement Capital	DATA
3042	DEL-DATA 2019	DATA 2019 Operating Assistance, Transit Operating	DATA
3043	DEL-DATA 2019 Capital-	DATA 2019 Capital Maintenance, Transit Replacement Capital	DATA
3044	DEL-DATA 2019 Vehicle-	DATA 2019 Vehicle Replacement, Transit Replacement Capital	DATA
3045*	LIC-Etna OP-	Etna Outpost, Buildings	ODOT
3046*	FRA-CR020-03.80	Smothers Rd at Schott Rd/Red Bank Rd, Intersection Modification	Franklin County
3047*	FRA-CR008-03.67	Sunbury Rd at Agler Rd/Cassady Ave, Intersection Modification	Columbus
3048*	FRA-CR505-02.65	Mound St at Central Ave/Harrisburg Pk, Intersection Modification	Columbus
3051	FRA-MORPC FY 21 Supp-	Supplemental Planning, SFY 2021, Planning Activity	MORPC
3052	FRA-MORPC FY 21-	RideSolutions, SFY 2021, Ridesharing	MORPC
3053	FRA-COTA 2021 Bus	COTA 2021 Bus Replacement, Transit Replacement Capital	COTA
3054*	DEL-US042-09.44	US 42 & SR-521 at Sugar Run & Rosecrans Run, respectively, Bridge Replacement	ODOT 6
3072	FRA-Franklin St &	Franklin St & Columbia St, Reconstruction/Sidewalks	Hilliard
3073	FRA-COTA 2019	COTA 2019 Paratransit Expansion, Transit Expansion Capital	COTA
3074	DEL-E Powell Rd-Phase 2	E Powell Rd from S Old State Rd to Bale Kenyon Rd, Minor Widening/Signalization	Delaware County
3079	FRA-SR104-07.57	Jackson Pk (SR-104) at Frank Rd/I-71, Intersection Modification	ODOT 6
3080*	FRA-CR PM-FY18	Franklin Co Pavement Marking, Pavement Marking	Franklin County
3081*	FRA-CR GR-FY19	Franklin Co Guardrail Upgrade, Guardrail Maintenance	Franklin County
3082*	DEL-CR GR-FY19	Delaware Co Guardrail Upgrade, Guardrail Maintenance	Delaware County
3083*	DEL-CR048-02.45	Centerburg Rd at Culver Creek, Bridge Rehabilitation	Delaware County
3089	FRA-IR070-22.85 (FEF-	I-70 at I-270 (East Outerbelt), Interchange Modification	ODOT 6
3092*	FRA-US033-08.78	US 33 at Fishinger Rd, Intersection Modification/Minor Widening	ODOT 6
3093	FRA-COTA 4G Cellular	COTA 4G Cellular Connection for Buses, Transit Activity/ITS	COTA
3094	FRA-COTA Strategic Land	COTA Strategic Land Purchases, Transit Activity	COTA
3112*	FRA-CR003-06.79	Norton Rd at Johnson Rd, Intersection Modification	Franklin County
3113*	FRA-US033-30.99	US-33 from Bowen Rd to Fairfield Co Line, Noise Walls	ODOT 6
3140*	D06-SP-FY18 Gen	District 6 Spot Paving Repairs, FY18, Maintenance Activity	ODOT 6
3141*	D06-Bridge Repair-FY19	District 6 Bridge Repair FY19, Bridge Repair	ODOT 6
3143*	D06-SP-FY18 Concrete	District 6 Spot Concrete Repair FY18, Maintenance Activity	ODOT 6
3144*	D06-RPM-FY18	District 6 Raised Pavement Markers for FY18, Raised Pavement Markers	ODOT 6

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
3154*	FRA-SRTS Columbus-	Hamilton STEM Academy, Hamilton Elementary & Linden STEM Academy, Sidewalks	Columbus
3179*	D05-BrCleaning-FY18	Various locations in District 5, Preventive Bridge Maintenance	ODOT 5
3181*	D05-Br Cleaning-	Various locations in District 5, Preventive Bridge Maintenance	ODOT 5
3192*	DEL-SR003-07.21	SR-3 at Galena Rd, Intersection Modification/Signalization	Delaware County
3194*	DEL-SR315-	Various locations on SR-315, Maintenance Activity/Culvert Maintenance	ODOT 6
3196	FRA-COTA Test Track for	COTA Test Track for Fixed Route Buses, Transit Activity	COTA
3197	FRA-COTA Mobility	COTA Mobility Services Facility Update, Transit Activity	COTA
3204*	DEL-SR750-04.43	SR-750 from SR-315 to S Old State Rd, Preventive Pavement Maintenance	ODOT 6
3207	FRA-IR070-12.89 Cols	I-70/I-71 Innerbelt (Columbus Power), Utility Relocation	ODOT 6
3212	DEL-US036-11.030	US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening/Bridge Replacement	Delaware
3217*	FRA-Livingston Ave-	Livingston Ave at James Rd, Intersection Modification	Columbus
3228*	FRA-Hamilton Rd-	Hamilton Rd at Livingston Ave, Safety Improvement	ODOT 6
3230*	FRA-SR317-16.68	Hamilton Rd at Big Walnut Creek, Bridge Deck Overlay	ODOT 6
3232*	FRA-SR104-09.69	Groveport Rd at SR-104, Bridge Deck Replacement	ODOT 6
3233*	LIC-SR016-00.00	SR-16 from Franklin Co Line to SR-37, Resurfacing	ODOT
3235*	FRA-IR670-06.05	I-670 at CSX/NS RR (0.22 mi E of Joyce Ave), Bridge Repair	ODOT 6
3236*	D06-Culvert FY20-	District 6 culvert program for FY20, Culvert Maintenance	ODOT 6
3237*	D06-ELEC FY20-	District 6 Electrical maintenance contract for FY20, Electrical Maintenance	ODOT 6
3238*	FAI-CR006-10.39	Fairfield County Roads, Guardrail Upgrade/Replace	Fairfield County
3239	FRA-FAC19 CO Hilltop-	ODOT Central Office security enhancement, Facility Renovation	ODOT
3240*	D06-SP FY20 General-	District 6 Spot Paving FY20, Resurfacing	ODOT 6
3241*	D06-Bridge Repair FY21-	District 6 Bridge Repair FY21, Bridge Repair	ODOT 6
3242*	D06-SP FY20-Concrete	District 6 Spot Concrete Slab Repair FY20, Minor Pavement Rehabilitation	ODOT 6
3243*	D06-RPM FY20-	District 6 Raised pavement markers FY20, Raised Pavement Markers	ODOT 6
3244*	D06-Culvert FY21-	District 6 culvert program for FY21, Culvert Maintenance	ODOT 6
3245*	D06-PMF FY21-	District 6 Fast dry pavement marking contract FY21, Pavement Marking	ODOT 6
3246*	D06-PMA FY21-	District 6 auxiliary pavement marking contract (FY21 & 22), Pavement Marking	ODOT 6
3247*	D06-RPM FY21-	District 6 Raised pavement markers, Raised Pavement Markers	ODOT 6
3248	FRA-SRTS Upper	Barrington Rd from Waltham Rd to Northwest Blvd, Sidewalks	Upper Arlington
3249*	FRA-IR070-15.29	I-70 from 0.05 mi E of S 18th St Bridge to 0.06 mi E of S James Rd, Minor Pavement Rehabilitation	ODOT 6
3250*	D06-Bridge Repair-	District 6 Bridge Repair FY20, Bridge Repair	ODOT 6
3251*	D06-Bridge Repair-	District 6 Bridge Repair FY21, Bridge Repair	ODOT 6
3252*	D05-BR Cleaning	District 5 Bridge Cleaning FY21/22, Bridge Cleaning	ODOT 5
3253	FRA-SR016-06.87	E Broad St at Hamilton Rd, Intersection Modification	Whitehall
3254*	FRA-IR270-45.84	Winchester Pk at I-270, Bridge Deck Replacement	ODOT 6
3255*	FRA-FACD06 Roberts Rd-	Roberts Rd Outpost Security, Facility Renovation	ODOT 6
3261*	DEL-US036-22.25	US-36 from SR-61 to Knox Co Line, Preventive Pavement Maintenance	ODOT 6
3262	DEL-Africa Rd-	Africa Rd from Lewis Center Rd to Cheshire Rd, Resurfacing	Delaware County

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
3263	DEL-CR072-03.45	Cheshire Rd from Old State Rd to Africa Rd, Minor Pavement Rehabilitation	Delaware County
3264*	DEL-Delaware State Park-	Delaware State Park Maintenance FY18 , Maintenance Activity	ODOT 6
3265*	FRA-IR070-Pump Sta ST-	Pump Station at I-70 & Broad St, Facility Renovation	ODOT 6
3267*	LIC-2017 Curve Sign-	Licking Co 2017 Curve Sign Upgrade, Signage	Licking County
3268*	DEL-US036-18.79	US-36/SR-37 at Galena Rd, Intersection Modification/Bridge Deck Overlay	ODOT 6
3269	DEL-DATA 2020	DATA 2020 Operating Assistance, Transit Operating	DATA
3270	DEL-DATA 2020 Capital	DATA 2020 Capital Maintenance, Transit Activity	DATA
3271	DEL-DATA 2020 Vehicle	DATA 2020 Vehicle Replacement, Transit Replacement Capital	DATA
3272	DEL-DATA 2021	DATA 2021 Operating Assistance, Transit Operating	DATA
3273	DEL-DATA 2021 Capital	DATA 2021 Capital Maintenance, Transit Activity	DATA
3274	DEL-DATA 2021 Vehicle	DATA 2021 Vehicle Replacement, Transit Replacement Capital	DATA
3275*	UNI-SR736-01.16	SR-736 at Robinson Rd (just N of Hickory Ridge Rd), Bridge Deck Replacement	ODOT 6
3276	DEL-Red Bank Rd-	Red Bank Rd from Smothers Rd to Gorsuch Rd, Resurfacing	Delaware County
3277	FRA-Agler Rd-Alum Creek	Agler Rd at Alum Creek, Bridge Replacement	Franklin County
3278	FRA-Trabue Rd-Scioto	Trabue Rd at Scioto River, Bridge Deck Replacement	Franklin County
3280	DEL-CR609-02.24	Sawmill Pkwy from Seldom Seen Rd to Home Rd, Resurfacing	Powell
3281	FRA-CR052-02.87	Fishing Rd from Mountview Rd to Tremont Rd, Reconstruction	Upper Arlington
3282	FRA-Bike Share	Bike Share Expansion, Bike Share	Columbus
3283	FRA-Souder Ave-Multi-	Souder Ave from W Broad St to Dublin Rd, Multi-Use Path/New Bridge	Columbus
3284	FRA-COTA Non-Revenue	COTA Non-Revenue Vehicles, Transit Activity	COTA
3285	FRA-COTA Mobile	COTA Mobile Command Center and Security Upgrades, Transit Activity	COTA
3286	FRA-COTA Bus Shelters-	COTA Bus Shelters, Transit Activity	COTA
3287	FRA-COTA Solar Lighting	COTA Solar Lighting at Stops/Shelters, Transit Activity	COTA
3288	FRA-COTA Transit Center	COTA Transit Center Facility Renovations/Upgrades, Transit Activity	COTA
3289	FRA-COTA Bus Rapid	COTA Bus Rapid Transit Corridor, Transit Expansion Capital	COTA
3290	FRA-COTA Municipal	COTA Municipal Capital Partnerships, Transit Activity	COTA
3291	FRA-COTA 2020	COTA 2020 Paratransit Purchase, Transit Replacement Capital	COTA
3293	FRA-IR070-14.30 (Proj	I-70/I-71 Innerbelt (Phase 2E), Major Widening/Interchange Modification	ODOT 6
3294	FRA-IR071-17.46 (Proj	I-70/I-71 Innerbelt (Phase 3B), Major Widening/New Roadway	ODOT 6
3295	FRA-IR070-12.68 (Proj	I-70/I-71 Innerbelt (Phase 4R), Major Widening/Interchange Modification	ODOT 6
3296	FRA-IR670-03.92	I-670 from 4th St to I-270, Operational Upgrades/Study	ODOT
3298*	FRA-IR270-Roberts Rd	I-270 at Roberts Rd, Reactive Maintenance	ODOT 6
3299*	FRA-IR270-30.60 CD	I-270 from SR-161 to McCutcheon Rd, Resurfacing	ODOT 6
3300	FRA-Groveport Rd-	Groveport Rd from Walnut Woods Metro Park to W of Gender Rd, Multi-Use Path	Canal Winchester
3302	FAI-Hill Rd-Kings Crossing	Hill Rd at Kings Crossing, Intersection Modification	Canal Winchester
3303	FRA-Cherry Landing	Cherry Landing Bikeway Extension from Gender Rd to Waterloo St, Multi-Use Path	Canal Winchester
3304	FRA-Canal Winchester	Canal Winchester Bikeway Extension from Municipal Pool Lot to Stradley Place, Multi-Use Path	Canal Winchester
3305	FRA-Gender Rd-Bikeway	Gender Rd from Dietz Rd to Fox Hill Dr, Multi-Use Path	Canal Winchester
3308	DEL-N Liberty St-Grace Dr	N Liberty St at Grace Dr, Intersection Modification	Powell

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
3309	DEL-N Liberty St-Seldom	N Liberty St at Seldom Seen Rd, Intersection Modification	Powell
3310	DEL-S Liberty St-CSX RR	S Liberty St at CSX RR, RR-Hwy Xing Safety Improvement	Powell
3311	FRA-COTA Operating	COTA Operating Funds 2021, Transit Operating	COTA
3312	FRA-COTA Operating	COTA Operating Funds 2020, Transit Operating	COTA
3314	FRA-Grant Run Trail-	Grant Run Trail from Hoover Rd to Buckeye Parkway, Multi-Use Path	Grove City
3315	FRA-US062-Demorest	Broadway at Demorest, Intersection Modification	Grove City
3316	FRA-Home Rd-Phase 1	Home Rd from Hoover Rd to Gantz Rd, Reconstruction	Grove City
3317	FRA-Demorest Rd-Phase	Demorest Rd from Southwest Blvd to Big Run S, Reconstruction	Grove City
3318	FRA-TR266-Borror Ph 2	Borror Rd from Buckeye Pkwy to 3500' E, Reconstruction	Grove City
3320*	DEL-Heelsplitter-	Chapman Rd at S of Winter Rd, Mitigation Banking	ODOT 6
3321*	D06-GR End Treat FY18-	District 6 Guardrail End Treatments FY18, Guardrail Maintenance	ODOT 6
3322*	DEL-SR061-04.71	SR-61 at Wilson Rd (SR-656), Intersection Modification	ODOT 6
3323	FRA-IR270/670/US23D-	Locations on I-270, I-670 & N 3rd St (US-23D), Bridge Maintenance Activities	ODOT 6
3324*	FRA-CR026	Georgesville Rd at Hall Rd (CR-125), Turn Lane Addition	Columbus
3325	DEL-Martin Perry Dr-New	Martin Perry Dr from SR 750 to S Liberty St, New Roadway	Powell
3326	FRA-SR161-Cleveland	SR-161 at Cleveland Ave, Intersection Modification	Columbus
3327*	D06-PR/RPM Installation-	District 6 Pavement Markings and Raised Pavement Markers, Pavement Marking	ODOT 6
3328*	FRA-Landscape	Landscape maintenance in Franklin County for FY18, Landscape Maintenance	ODOT 6
3329*	D06-Mowing-FY18	District 6 Mowing Contract for CY 2018, Mowing	ODOT 6
3330	FRA-IR071-09.62/09.71	I-71 from Stringtown Rd to SR-315, Major Widening/Interchange Modification	ODOT 6
3331*	FRA-Fifth Ave-Storage	Fifth Avenue Garage, Buildings	ODOT 6
3332	FRA-SR315-02.78	SR-315 at Fifth Ave, King Ave & Olentangy River, Bridge Repair	ODOT 6
3333	FRA-US062-21.81	US-62 at I-270, Bridge Repair	ODOT 6
3334	FRA-US023-00.25	US-23 at Big Walnut Creek, Bridge Repair	ODOT 6
3335*	FRA-SR665-14.00	SR-665 at Scioto River, Bridge Repair	ODOT 6
3336	FRA-IR070-00.80/1.41	Roberts Rd & Amity Rd at I-70, Bridge Deck Replacement	ODOT 6
3337	FRA-IR270-47.32	Williams Rd at I-270, Bridge Deck Replacement	ODOT 6
3338	FRA-IR270-0.96/1.52	Gantz Rd & McComb Rd at I-270, Bridge Replacement	ODOT 6
3339	FRA-IR270-06.17	Sullivant Ave at I-270, Bridge Replacement	ODOT 6
3340*	FRA-SR315-11.66	Wilson Bridge Rd at SR-315, Bridge Replacement	ODOT 6
3342*	PIC-SR674-10.19	SR-674 from Perrill Rd N to Smith Rd, Slide Repair	ODOT 6
3343*	FRA-FACD13 C.O.	ODOT Central Office Parking Lot Repairs, Site Maintenance	ODOT
3344*	FRA-FACD13 C.O. Roof-	ODOT Central Office Roof Replacement, Site Maintenance	ODOT
3345	FRA-Neil Ave-Signals	Neil Ave from Goodale Blvd to W 11th Ave, Signals	Columbus
3346	FRA-Downtown Signals-	Downtown Signals, Signals	Columbus
3347	FRA-US033-Livingston	Livingston Ave from S 5th St to Kennedy Ave, Bicycle Lanes/Reconstruction	Columbus
3349	FRA-Wilson Rd-Shared	Wilson Rd from Sullivant Ave to W Broad St, Multi-Use Path/Intersection Modification	Columbus
3350	DEL-Gemini Pl-Antares	Gemini Pl at Antares Ave, Signalization	Columbus
3351	FRA-N High St-Phase 2	N High St from W Poplar Ave to 2nd Ave, Streetscape	Columbus

\* This project is included in a Statewide Line Item. See listing of Projects Included by Statewide Line Items for details.



## Key for the Project Location Map (Sorted by MORPC ID)

MORPC ID	County-Route-Section	Project Name	Agency
3352	FRA-N High St-Phase 3	N High St from 2nd Ave to King Ave/E 7th Ave, Streetscape	Columbus
3353	FRA-Cannon Dr-	Cannon Dr from King Ave to John H Herrick Dr, Realignment	Columbus
3354	FRA-Dublin-Granville Rd-	Dublin-Granville Rd from W Main St to Market St, Reconstruction/Multi-Use Path	New Albany
3355	FRA-Dublin-Granville Rd-	Dublin-Granville Rd from Harlem Rd to Greensward Rd, Multi-Use Path	New Albany
3356	FRA-insight2050	insight2050 Technical Assistance, Planning Activity	MORPC
3357	LIC-Jug St-Phase 1	Jug St from Harrison Rd to Mink St, Reconstruction/Bicycle Lanes	New Albany
3358	FRA-SR161-US 62	SR 161 at US 62, Intersection Modification	New Albany
3359	FRA-US062-Thiesen Dr	US 62 at Thiesen Dr, Signalization	New Albany
3360	FRA-Forest Dr-Smith's	Forest Dr at Smith's Mill Rd, Intersection Modification	New Albany
3361	FRA-Dublin-Granville Rd-	Dublin-Granville Rd from New Albany west corp limit to Greensward Rd, Multi-Use Path	New Albany
3362	FRA-SR605-Path	SR 605 from Central College Rd to Walnut St, Multi-Use Path	New Albany
3363	LIC-Jug St-Phase 2	Jug St from Beech Rd to Harrison Rd, Reconstruction	New Albany
3364	FRA-SR161-US 62	SR 161 at US 62, Intersection Modification	New Albany
3366	FRA-Reynoldsburg-New	Reynoldsburg-New Albany Rd from Brandon Rd to Morse Rd, Multi-Use Path	New Albany
3368	DEL-SR750-CSX RR	Olentangy St from CSX RR to Grace Dr, Minor Widening/Streetscape	Powell
3369	DEL-Liberty St-	Liberty St from drive at 50 S Liberty St to E Case St, Streetscape	Powell
3370	DEL-SR750-Beech Ridge	Olentangy St at Beech Ridge Dr/Bartholomew Blvd, Intersection Modification/Resurfacing	Powell
3371*	D06-FGAC-FY20 MORPC	District 6 Fine Graded Asphalt Concrete, FY20, Preventive Pavement Maintenance	ODOT 6
3372*	D06-IR070-07.63	I-70 from I-270 (West Outerbelt) to W Broad St, Preventive Pavement Maintenance	ODOT 6
3373	FRA-US023D/IR-71-	S High St & Oak St at I-71, Bridge Deck Replacement	ODOT 6
3374	LOG-US033-Smart Mobil	US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems	ODOT 6
3375*	FRA-IR071-25.62	I-71 & I-270 (North Outerbelt) at the vicinity of the I-71/I-270 Interchange, Preventive Pavement Maintenance	ODOT 6
3376*	D06-Planned Micro-FY20	District 6 Microsurfacing FY20, Preventive Pavement Maintenance	ODOT 6
3377*	D06-Planned Resurf-	District 6 Resurfacing FY20, Preventive Pavement Maintenance	ODOT 6
3378	DEL-SR229-00.12	Various locations on SR-229, US 23, US 40 & SR-605, Resurfacing	ODOT
3379	DEL-US023-00.00	District 6 Microsurfacing FY21, Resurfacing	ODOT
3380	FRA-SR315-01.14	SR-315 from US 33 to I-670, Bridge Repair	ODOT 6
3381*	DEL-US042-09.69	US-42 from Horsehoe Rd to Morrow Co line, Preventive Pavement Maintenance	ODOT 6
3382*	DEL-SR257-08.37	Portions of SR-257 & SR-605 in Delaware Co, Preventive Pavement Maintenance	ODOT 6
3383*	FRA-IR270-29.39	I-270 (East Outerbelt) from N of Dempsey Rd to S of Sunbury Rd, Preventive Pavement Maintenance	ODOT 6
3384*	FRA-US062-08.53	Harrisburg Pk from I-270 to Eakin Rd, Preventive Pavement Maintenance	ODOT 6
3385*	MAD-SR161/UNI-38-	SR-161 from W of US-42 to Eiterman Rd, Preventive Pavement Maintenance	ODOT 6
3386	FRA-US040-24.59	Portions of E Main St & Lancaster Ave, Resurfacing	ODOT
3387	FRA-COTA Farebox	COTA Farebox Replacement Alt Pay, Transit Activity	COTA
3388	FRA-Groveport Rd-Study	Groveport Rd from Swisher Rd to Tallman St, Study	Groveport
3389	FRA-SR665-Saltzgaber	London-Groveport Rd at Saltzgaber Rd/Pontius Rd, Study	Groveport
3390	FRA-CR122-Rohr Rd	Alum Creek Dr at Rohr Rd, Intersection Modification	Franklin County

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## Key for the Project Location Map (Sorted by MORPC ID)

<b>MORPC ID</b>	<b>County-Route-Section</b>	<b>Project Name</b>	<b>Agency</b>
3391	FRA-Borror Rd-Patzer	Borror Rd at Patzer Ditch, Bridge Replacement	Franklin County
3392	DEL-Liberty Rd-Jewett Rd	Liberty Rd at Jewett Rd, Intersection Modification/Multi-Use Path	Delaware County
3393	FRA-Morse Rd-Kitzmiller	Morse Rd at Kitzmiller Rd, Intersection Modification	Franklin County
3394	FRA-SR317-Rohr Rd	London-Groveport Rd at Rohr Rd, Intersection Modification	Franklin County
3395	FRA-Refugee Rd-Big	Refugee Rd at Big Walnut Creek, Bridge Rehabilitation	Franklin County
3398	DEL-Worthington Rd-	Worthington Rd from Africa Rd to Highland Lakes Ave, Minor Widening/Intersection Modification	Delaware County
3399	DEL-CR124-Phase 3	Home Rd Extension from Graphics Way to Green Meadows Dr, New Roadway	Delaware County
3400	DEL-US023-Hyatts Rd	US-23 at Hyatts Rd, Intersection Modification	Delaware County
3402	DEL-Worthington Rd-	Worthington Rd at Freeman Rd, Intersection Modification	Delaware County
3403	DEL-Bale Kenyon Rd-	Bale Kenyon Rd from E Powell Rd to Waverly Pl, Minor Widening	Delaware County
3404	DEL-SR745-Home Rd	SR-745 at Home Rd, Intersection Modification	Delaware County
3405	DEL-Home Rd-Perry to	Home Rd from Perry Rd to US-23, Major Widening	Delaware County
3406	DEL-Worthington Rd-	Worthington Rd at Highland Lakes Ave, Signalization	Delaware County
3407	DEL-Home Rd-Scioto	Home Rd at Scioto Chase/Tree Lake Blvd, Signalization	Delaware County
3408	FRA-Post Rd-Kilgour Place	Post Rd at Kilgour Place, Intersection Modification	Dublin
3409	FRA-Shawan Fall Dr-	Shawan Fall Dr from USPS/OCLC to Rock Cress Ave/N High St, New Roadway	Dublin
3411	FRA-Emerald Parkway-	Emerald Parkway at Scioto River, Bridge Deck Overlay	Dublin
3412	FRA-Riverside Dr E-	Riverside Dr E from Tonti Dr to Wyandotte Woods Blvd, Multi-Use Path	Dublin
3413	FRA-Avery Rd Sidewalk	Avery Rd Sidewalk Connections, Sidewalks	Dublin
3414	FRA-Summit View Rd-	Summit View Rd from Riverside Dr to Campden Lakes Blvd, Multi-Use Path	Dublin
3415	FRA-Wilcox Rd-Northcliff	Wilcox Rd from Northcliff Blvd to Heather Glen Blvd, Multi-Use Path	Dublin
3423	FRA-Paving the Way-FY19	Paving the Way, SFY 2019, Program Administration	MORPC
3424	FRA-Paving the Way-FY20	Paving the Way, SFY 2020, Program Administration	MORPC
3425	FRA-Paving the Way-FY21	Paving the Way, SFY 2021, Program Administration	MORPC
3426	FRA-Smart Columbus-	Smart Columbus, ITS	Columbus
3427	FRA-Smart Columbus	Smart Columbus Electric Vehicle Infrastructure, Intelligent Vehicle Systems	Columbus
3429	FRA-COTA 2021	COTA 2021 Paratransit Purchase, Transit Replacement Capital	COTA
3430	FRA-US-62-Agler Rd	US-62 from Agler Rd to Stygler Rd, Intersection Modification	Gahanna

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# TRANSPORTATION IMPROVEMENT PROGRAM PROJECT LOCATION MAP

Fiscal Years 2018 - 2021  
July 1, 2017 to June 30, 2021

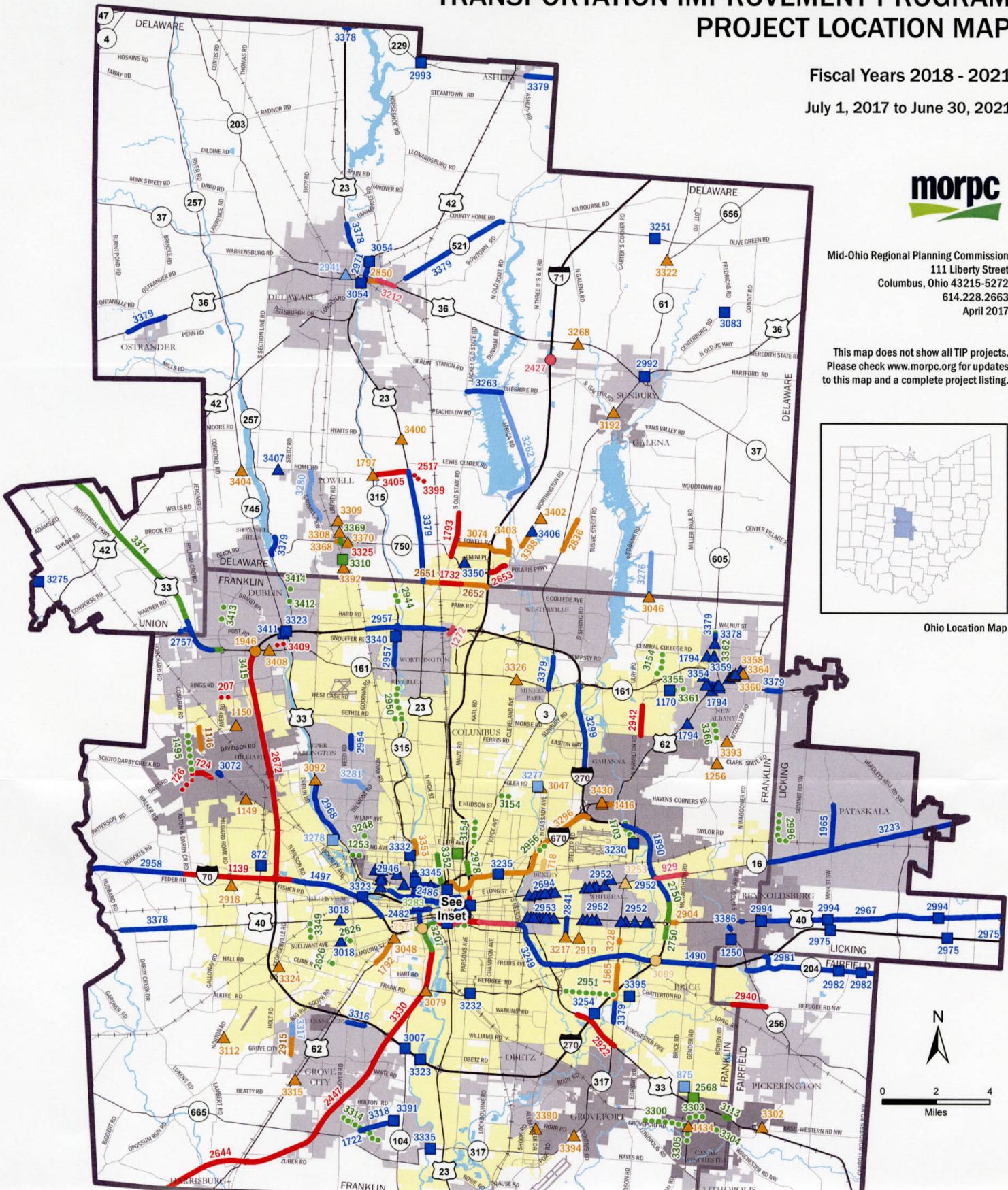


Mid-Ohio Regional Planning Commission  
111 Liberty Street  
Columbus, Ohio 43215-5272  
614.228.2663  
April 2017

This map does not show all TIP projects.  
Please check [www.morpc.org](http://www.morpc.org) for updates  
to this map and a complete project listing.



Ohio Location Map



## LEGEND

### Construction Phase FY 2018 - 2021

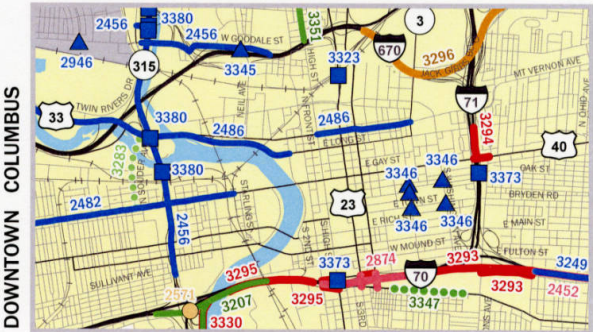
- Major Widening
- New Road
- New Interchange
- Minor Widening/Safety Improvement
- Interchange Modification
- Intersection Modification
- Maintenance/Resurfacing
- Bridge Repair/Replacement
- Traffic Signal Upgrade
- Noise Barrier/Study/Other
- Bikeway/Sidewalk/Transit
- Transit/Study/Other
- MORPC Project Identification

### Construction Phase after FY 2021 (Construction not part of TIP)

- Major Widening
- New Road
- New Interchange
- Minor Widening/Safety Improvement
- Interchange Modification
- Intersection Modification
- Maintenance/Resurfacing
- Bridge Repair/Replacement
- Traffic Signal Upgrade
- Noise Barrier/Study/Other
- Bikeway/Sidewalk/Transit
- Transit/Study/Other
- MORPC Project Identification

Planning Area

This map prepared in cooperation with the U.S. Department of Transportation's Federal Highway Administration and Federal Transit Administration, the Ohio Department of Transportation, and local communities.





## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Project Type	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3262	Delaware County DEL-Africa Rd-Resurfacing	105737	E	4.4 mi	Resurfacing	<b>Ped Components:</b> Widen shoulder. 4.4 mi. added to ped network. <b>Bike Components:</b> Widen shoulder. 4.4 mi. added to bike network. <b>Local Let</b> <input checked="" type="checkbox"/>			
					<b>MTP Reference:</b> Project ID 204				
					Africa Rd from Lewis Center Rd to Cheshire Rd, Resurfacing, includes converting existing turf shoulders to 4-ft min paved shoulders, replacing deficient guardrail & signing, & adding signing for existing recreational off-road bike trail crossings.				
					PE Envir	\$50 Local	PE DD	\$50 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$4,449</b>	\$50	\$50		Con \$3,382 STBG-M Con \$966 Local <b>\$4,349</b>
3403	Delaware County DEL-Bale Kenyon Rd-Phase 2	NA	E	0.6 mi	Minor Widening	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/>			
					<b>MTP Reference:</b> Project ID 185				
					Bale Kenyon Rd from E Powell Rd to Waverly Pl, Minor Widening from 2 lanes to 3 lanes, joint project between Delaware County and Orange Township.				
							Con \$3,975 Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$3,975</b>		\$3,975		
3040	DATA DEL-DATA 2018 Capital-Maintenance	99379	E	mi	Transit Replacement Capital	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/>			
					<b>MTP Reference:</b> Project ID 144				
					DATA 2018 Capital Maintenance, Transit Replacement Capital, Capitalized maintenance				
					Other	\$208 Sec 5307			
					Other	\$52 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$260</b>	\$260			
3039	DATA DEL-DATA 2018 Operating-Assistance	99378	E	mi	Transit Operating	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/>			
					<b>MTP Reference:</b> Project ID 200				
					DATA 2018 Operating Assistance, Transit Operating, Operating assistance				
					Other	\$300 Sec 5307			
					Other	\$73 State Transit			
					Other	\$1,665 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$2,038</b>	\$2,038			
3041	DATA DEL-DATA 2018 Vehicle-Replacement	99380	E	mi	Transit Replacement Capital	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/>			
					<b>MTP Reference:</b> Project ID 144				
					DATA 2018 Vehicle Replacement, Transit Replacement Capital, Less than 30' light transit vehicles - fiberglass replacement				
					Other	\$244 Sec 5307			
					Other	\$61 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$306</b>	\$306			

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.

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MORPC SFY 2018-2021 TIP



## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length										
Project Location and Description	Project Type	2018		2019		2020		2021		Future Years**				
		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source				
3043 DATA	99382 E	mi												
DEL-DATA 2019 Capital-Maintenance	Local Let <input type="checkbox"/>													
Transit Replacement Capital					MTP Reference: Project ID 144									
DATA 2019 Capital Maintenance, Transit Replacement Capital, Capitalized maintenance														
					Other	\$208	Sec 5307							
					Other	\$52	Local-Transit							
Total Costs (includes costs prior to SFY18)*:		\$260		\$260										
3042 DATA	99381 E	mi												
DEL-DATA 2019 Operating-Assistance	Local Let <input type="checkbox"/>													
Transit Operating					MTP Reference: Project ID 200									
DATA 2019 Operating Assistance, Transit Operating, Operating assistance														
					Other	\$300	Sec 5307							
					Other	\$73	State Transit							
					Other	\$1,665	Local-Transit							
Total Costs (includes costs prior to SFY18)*:		\$2,038		\$2,038										
3044 DATA	99383 E	mi												
DEL-DATA 2019 Vehicle-Replacement	Local Let <input type="checkbox"/>													
Transit Replacement Capital					MTP Reference: Project ID 144									
DATA 2019 Vehicle Replacement, Transit Replacement Capital, Less than 30' vehicles - fiberglass replacement Delaware														
					Other	\$244	Sec 5307							
					Other	\$61	Local-Transit							
Total Costs (includes costs prior to SFY18)*:		\$306		\$306										
3270 DATA	104520 E	0 mi												
DEL-DATA 2020 Capital Maintenance-	Local Let <input type="checkbox"/>													
Transit Activity					MTP Reference: Project ID 142									
DATA 2020 Capital Maintenance, Transit Activity, Capitalized maintenance														
					Other	\$208	Sec 5307							
					Other	\$52	Local-Transit							
Total Costs (includes costs prior to SFY18)*:		\$260				\$260								
3269 DATA	104519 E	0 mi												
DEL-DATA 2020 Operating Assistance-	Local Let <input type="checkbox"/>													
Transit Operating					MTP Reference: Project ID 200									
DATA 2020 Operating Assistance, Transit Operating, Operating assistance														
					Other	\$300	Sec 5307							
					Other	\$73	State Transit							
					Other	\$1,665	Local-Transit							
Total Costs (includes costs prior to SFY18)*:		\$2,038				\$2,038								

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section		Project Type		2018	2019	2020	2021	Future Years**	
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3271	DATA	104521	E	0 mi	<b>Ped Components:</b> No information provided.				
	DEL-DATA 2020 Vehicle Replacement-			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Transit Replacement Capital								
	DATA 2020 Vehicle Replacement, Transit Replacement Capital, Less than 30' vehicles - fiberglass replacement.								
						Other \$244 Sec 5307			
						Other \$61 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$306</b>		<b>\$306</b>			
3273	DATA	104523	E	0 mi	<b>Ped Components:</b> No information provided.				
	DEL-DATA 2021 Capital Maintenance-			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Transit Activity								
	DATA 2021 Capital Maintenance, Transit Activity, Capitalized maintenance								
						Other \$208 Sec 5307			
						Other \$52 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$260</b>			<b>\$260</b>		
3272	DATA	104522	E	0 mi	<b>Ped Components:</b> No information provided.				
	DEL-DATA 2021 Operating Assistance-			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Transit Operating								
	DATA 2021 Operating Assistance, Transit Operating, Operating assistance								
						Other \$300 Sec 5307			
						Other \$73 State Transit			
						Other \$1,665 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$2,038</b>			<b>\$2,038</b>		
3274	DATA	104524	E	0 mi	<b>Ped Components:</b> No information provided.				
	DEL-DATA 2021 Vehicle Replacement-			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Transit Replacement Capital								
	DATA 2021 Vehicle Replacement, Transit Replacement Capital, Less than 30' vehicles - fiberglass replacement.								
						Other \$244 Sec 5307			
						Other \$61 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$306</b>			<b>\$306</b>		
3074	Delaware County	NA	E	2.1 mi	<b>Ped Components:</b> No information provided.				
	DEL-E Powell Rd-Phase 2			<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Minor Widening/Signalization								
	E Powell Rd from S Old State Rd to Bale Kenyon Rd, Minor Widening from 2 lanes to 3 lanes & Signalization, with new traffic signals at Tahoma Street, Coldharbor Ave. and Walker Wood Blvd.								
						Con \$10,420 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$11,220</b>		<b>\$10,420</b>			

\*All Amounts in Thousands

April 28, 2017

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
Project Location and Description					Project Type				
3350	Columbus DEL-Gemini Pl-Antares Ave	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					Signalization				<b>MTP Reference:</b> Project ID 185
					Gemini Pl at Antares Ave, Signalization, install a new mast arm traffic signal and pavement markings.				
					Con	\$422	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$422</b>	\$422			
3405	Delaware County DEL-Home Rd-Perry to US-23	NA	SA	1.2 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					Major Widening				<b>MTP Reference:</b> Project ID 96
					Home Rd from Perry Rd to US-23, Major Widening from 2 lanes to 5 lanes,				
					Con	\$4,820	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$4,820</b>	\$4,820			
3407	Delaware County DEL-Home Rd-Scioto Chase/Tree Lake Blvd	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					Signalization				<b>MTP Reference:</b> Project ID 185
					Home Rd at Scioto Chase/Tree Lake Blvd, Signalization, Installation of a traffic signal.				
					Con	\$195	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$195</b>	\$195			
3392	Delaware County DEL-Liberty Rd-Jewett Rd	NA	E	0.27 mi	<b>Ped Components:</b> Multi-use path. 0.27 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.27 mi. added to bike network.				
					Intersection Modification/Multi-Use Path				<b>MTP Reference:</b> Project ID 185
					Liberty Rd at Jewett Rd, Intersection Modification & Multi-Use Path, Construction of a single-lane modern roundabout and extension of a shared use path along Liberty Road connecting Torrington Drive to Murphy Parkway.				
					Con	\$1,300	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,300</b>	\$1,300			
3369	Powell DEL-Liberty St-Streetscape	NA	E	0.24 mi	<b>Ped Components:</b> Modify existing facilities. <b>Bike Components:</b> Bicycle signage. 0.24 mi. added to bike network.				
					Streetscape				<b>MTP Reference:</b> Project ID 204
					Liberty St from drive at 50 S Liberty St to E Case St, Streetscape, add on-street parking.				
					ROW	\$207	Local		
					Con	\$1,383	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,590</b>	\$1,590			
3325	Powell DEL-Martin Perry Dr-New Road	NA	SA	0.38 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 0.76 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.38 mi. added to bike network.				
					New Roadway				<b>MTP Reference:</b> Project ID 882
					Martin Perry Dr from SR 750 to S Liberty St, New Roadway, 2 lanes, extension of Grace Dr.				
					Con	\$4,282	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$4,282</b>	\$4,282			

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section					Project Type	2018	2019	2020	2021
Project Location and Description						Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
									Future Years**
									Phase/Amount*/Source
3308	Powell	NA	E	0.1 mi		<b>Ped Components:</b> No information provided.			
	DEL-N Liberty St-Grace Dr				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.			
	Intersection Modification								<b>MTP Reference:</b> Project ID 185
	N Liberty St at Grace Dr, Intersection Modification,								
						Con \$600 Local			
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$600</b>				\$600			
3309	Powell	NA	E	0.1 mi		<b>Ped Components:</b> No information provided.			
	DEL-N Liberty St-Seldom Seen Rd				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.			
	Intersection Modification								<b>MTP Reference:</b> Project ID 185
	N Liberty St at Seldom Seen Rd, Intersection Modification, joint project between Delaware County and Powell.								
						Con \$1,641 Local			
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$1,641</b>				\$1,641			
3276	Delaware County	105739	E	1.59 mi		<b>Ped Components:</b> Widen shoulder. 1.59 mi. added to ped network.			
	DEL-Red Bank Rd-Resurfacing				<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b> Widen shoulder. 1.59 mi. added to bike network.			
	Resurfacing								<b>MTP Reference:</b> Project ID 204
	Red Bank Rd from Smothers Rd to Gorsuch Rd, Resurfacing, including converting existing turf shoulders to 4-foot minimum paved shoulders and replacing deficient guardrail and road signs.								
						PE Envir \$25 Local	PE DD \$25 Local		
									Con \$848 STBG-M
									Con \$565 Local
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$1,463</b>				\$25	\$25		<b>\$1,413</b>
3310	Powell	NA	E	0.1 mi		<b>Ped Components:</b> Other. 0.1 mi. added to ped network.			
	DEL-S Liberty St-CSX RR				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.			
	RR-Hwy Xing Safety Improvement								<b>MTP Reference:</b> Project ID 186
	S Liberty St at CSX RR, RR-Hwy Xing Safety Improvement, pedestrian safety improvements.								
						Con \$600 Local			
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$600</b>				\$600			
3402	Delaware County	NA	E	mi		<b>Ped Components:</b> No information provided.			
	DEL-Worthington Rd-Freeman Rd				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.			
	Intersection Modification								<b>MTP Reference:</b> Project ID 185
	Worthington Rd at Freeman Rd, Intersection Modification,								
							Con \$1,000 Local		
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$1,000</b>					\$1,000		
3406	Delaware County	NA	E	mi		<b>Ped Components:</b> No information provided.			
	DEL-Worthington Rd-Highland Lakes Ave				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.			
	Signalization								<b>MTP Reference:</b> Project ID 185
	Worthington Rd at Highland Lakes Ave, Signalization, Installation of a traffic signal.								
						Con \$200 Local			
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$200</b>				\$200			

\*All Amounts in Thousands

April 28, 2017

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length										
County-Route-Section		Project Type		2018		2019		2020		2021		Future Years**		
Project Location and Description				Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		
3398	Delaware County	NA	E	0.76	mi	Ped Components:		No information provided.						
DEL-Worthington Rd-Phase 2		Local Let <input type="checkbox"/>		Bike Components:		No information provided.								
				Minor Widening/Intersection Modification						MTP Reference:		Project ID 185		
		Worthington Rd from Africa Rd to Highland Lakes Ave. Minor Widening from 2 lanes to 3 lanes & Intersection Modification, Widening of Worthington Road to 5 lanes at Africa Road, and adding a right turn lane on Africa Road. Worthington Road to transition to 3 lanes north of Africa Road to Highland Lakes Ave.												
Total Costs (includes costs prior to SFY18)*:		\$8,600						Con \$8,600 Local						
								\$8,600						
1793	Delaware County	90243	SA	2.02	mi	Ped Components:		Sidewalk on 1 side, multi-use path on 1 side. 5' sidewalk on east side from existing walk across from Wynstone Dr, connect to 10' path on east side just south of Orange Rd. (See Bike Components.) 4.04 mi. added to ped network.						
DEL-CR010-0.90		Local Let <input checked="" type="checkbox"/>		Bike Components:		Multi-use path. 10' path on west side from Wynstone Dr to Orange Rd; cross to east side just south of Orange Rd, connect to existing path on east side just north of Orange Rd. 1.92 mi. added to bike network.								
				Major Widening/Multi-Use Path						MTP Reference:		Project ID 98		
		S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening from 3 lanes to 5 lanes & Multi-Use Path,												
						Pay \$3,613 STBG-M		Pay \$3,613 STBG-M		Pay \$3,613 STBG-M				
						Pay (\$3,613) Local-Pay		Pay (\$3,613) Local-Pay		Pay (\$3,613) Local-Pay				
Total Costs (includes costs prior to SFY18)*:		\$21,452				\$0		\$0		\$0				
3379	ODOT	105557	E	14.3	mi	Ped Components:		No information provided.						
DEL-US023-00.00		Local Let <input type="checkbox"/>		Bike Components:		No information provided.								
				Resurfacing						MTP Reference:		Project ID 204		
		District 6 Microsurfacing FY21, Resurfacing, on various routes throughout District Six.												
										Con \$1,681 Federal				
										Con \$420 State				
Total Costs (includes costs prior to SFY18)*:		\$2,101								\$2,101				
3006	ODOT 6	97715	E	0.03	mi	Ped Components:		No information provided.						
DEL-US023-08.95		Local Let <input type="checkbox"/>		Bike Components:		No information provided.								
				Culvert Maintenance						MTP Reference:		Project ID 203		
		US 23 at 0.2 mi N of SR-315 (Oberlander Run), Culvert Maintenance, Replace culverts at DEL-23-8.96 over Oberlander Run and MAR-423-2.14 over Myers Ditch (0.2 mi N of TR 134 Wolfinger Rd).												
						Con \$436 STBG-S								
						Con \$888 NHPP								
						Con \$381 State								
Total Costs (includes costs prior to SFY18)*:		\$1,705				\$1,705								
3400	Delaware County	NA	E		mi	Ped Components:		No information provided.						
DEL-US023-Hyatts Rd		Local Let <input type="checkbox"/>		Bike Components:		No information provided.								
				Intersection Modification						MTP Reference:		Project ID 185		
		US-23 at Hyatts Rd, Intersection Modification,												
						Con \$1,630 Local								
Total Costs (includes costs prior to SFY18)*:		\$1,630				\$1,630								

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April 28, 2017

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length												
					Project Type	2018	2019		2020		2021		Future Years**			
					Project Location and Description	Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		
2836	Delaware County DEL-CR024-00.07	NA	E	2 mi	<b>Ped Components:</b> Sidewalk on 1 side. <b>Bike Components:</b> No change to existing conditions. Minor Widening/Signalization S Old 3C Hwy from Mt Royal Ave to Freeman Rd, Minor Widening from 2 lanes to 3 lanes & Signalization, add a traffic signal at Hawksbeard Dr, reconstruction including storm sewers, curbs and gutters. Genoa Trail, running along N State St, exists in close proximity. Sidewalk will be provided on the E side of Old 3C. CIP #1031.											
					Local Let <input type="checkbox"/>		MTP Reference: Project ID 338									
					Con \$6,950 Local											
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$8,450	\$6,950										
2941	Delaware DEL-US036-07.87	105799	E	8.7 mi	<b>Ped Components:</b> Maybe - To be determined. <b>Bike Components:</b> Bicycle detectors. Signals Delaware Signal System Upgrade, Signals, upgrade signal systems covering 37 intersections along Sandusky Street, William Street (US-36), Central Avenue (SR-37), and London Rd in the City of Delaware.											
					Local Let <input type="checkbox"/>		MTP Reference: Project ID 334									
					PE Envir \$100 Local		PE DD \$300 Local ROW \$125 Local					Con \$2,500 CMAQ-M Con \$1,219 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$4,244	\$100	\$425					\$3,719				
3212	Delaware DEL-US036-11.030	103626	SA	0.72 mi	<b>Ped Components:</b> Multi-use path on 2 sides. 0.7 mi. added to ped network. <b>Bike Components:</b> Multi-use path on 2 sides. 0.35 mi. added to bike network. Major Widening/Bridge Replacement US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening from 2 lanes to 5 lanes & Bridge Replacement, Construct additional lanes on US 36/SR 37 and reconstruct the CSXT Railroad structure on the east side of Delaware.											
					Local Let <input type="checkbox"/>		MTP Reference: Project IDs 750/ 749									
					PE Envir \$3,000 HSIP PE Envir \$333 Local		PE DD \$1,200 Federal PE DD \$300 State PE DD \$500 Local					Con \$13,279 STBG-M Con \$7,046 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$25,658	\$3,333	\$2,000					\$20,325				
2427	ODOT 6 DEL-IR071-07.91	90200	SA	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. New Interchange I-71 at Sunbury Pkwy, New Interchange, construct a partial interchange south of the existing US-36/SR-37 interchange to access a new segment of Sunbury Pkwy, which will cross over I-71 and connect to an extension of Wilson Rd. A collector-distributor (CD) roadway will be constructed in the northbound direction from Sunbury Pkwy and US 36/SR 37.											
					Local Let <input type="checkbox"/>		MTP Reference: Project IDs 384/ 325									
					ROW \$4,000 Federal ROW \$1,000 State								Con \$43,000 Unfunded			
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$48,861	\$5,000							\$43,000			
3263	Delaware County DEL-CR072-03.45	103828	E	1.31 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided. Minor Pavement Rehabilitation Cheshire Rd from Old State Rd to Africa Rd, Minor Pavement Rehabilitation, Work includes widening of shoulder to four feet.											
					Local Let <input type="checkbox"/>		MTP Reference: Project ID 204									
							PE DD \$1 State	Con \$889 STBG-C Con \$222 Local								
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$1,112	\$1	\$1,111									

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April 28, 2017

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length										
County-Route-Section		Project Type		2018	2019		2020		2021		Future Years**			
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source			
2517	Delaware County DEL-CR124-Phase 2	NA	SA	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.									
		Local Let		<input type="checkbox"/>										
		New Roadway		<b>MTP Reference:</b> Project ID 88										
Home Rd Extension from US-23 to Graphics Way, New Roadway, 4 lanes, Phase 2. DCEO CIP # 0843 and 0846.														
				Con	\$330	Local								
				Con	\$2,400	Private								
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$4,030</b>		<b>\$2,730</b>										
3399	Delaware County DEL-CR124-Phase 3	NA	SA	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.									
		Local Let		<input type="checkbox"/>										
		New Roadway		<b>MTP Reference:</b> Project ID 88										
Home Rd Extension from Graphics Way to Green Meadows Dr, New Roadway, 4 lanes, Phase 3. DCEO CIP # 0843 and 0846.														
				Con	\$1,830	Local								
				Con	\$1,500	Private								
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$3,330</b>				<b>\$3,330</b>								
1797	Delaware County DEL-CR124-SR-315	NA	E	0.15 mi	<b>Ped Components:</b> Multi-use path. 0.15 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.1 mi. added to bike network.									
		Local Let		<input type="checkbox"/>										
		Intersection Modification/Bridge Deck Replacement		<b>MTP Reference:</b> Project ID 566										
Home Rd at SR-315, Intersection Modification & Bridge Deck Replacement, Widening of Home Road to 5 lanes, widening of the bridge over the Olentangy River, construction of a bike path and installation of a new traffic signal. CIP #0850.														
				Con	\$7,000	Local								
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$7,000</b>		<b>\$7,000</b>										
3378	ODOT DEL-SR229-00.12	105539	E	3.77 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.									
		Local Let		<input type="checkbox"/>										
		Resurfacing		<b>MTP Reference:</b> Project ID 204										
Various locations on SR-229, US 23, US 40 & SR-605, Resurfacing, SR 229: Norton-Waldo Rd to east of US 23 US 23: N of Sandusky St to N of Schroyers Mobile Homes US 40: W Broad St from Hubbard Rd to Alton Rd SR-605: N of Schleppi Rd														
				Con	\$923	Federal								
				Con	\$194	State								
				Con	\$27	Local								
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,144</b>				<b>\$1,144</b>								
3280	Powell DEL-CR609-02.24	105806	E	1.92 mi	<b>Ped Components:</b> No change to existing conditions. <b>Bike Components:</b> No change to existing conditions.									
		Local Let		<input type="checkbox"/>										
		Resurfacing		<b>MTP Reference:</b> Project ID 204										
Sawmill Pkwy from Seldom Seen Rd to Home Rd, Resurfacing.														
				PE Envir	\$10	Local	PE DD	\$90	Local			Con	\$1,289	STBG-M
												Con	\$859	Local
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$2,249</b>		<b>\$10</b>		<b>\$90</b>						<b>\$2,149</b>		

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
2653	Columbus	95549	SA	0.65 mi		<b>Ped Components:</b>	Sidewalk on 1 side, multi-use path on 1 side. Sidewalk Orion (W. side) from County Line to 500'+/- north of Polaris, Polaris (N. side) from Orion to Olde Worthington, and Polaris (S. side) from Pulsar to Orion. 1.6 mi. added to ped network.			
	DEL-CR615-00.00				<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. Orion (E. side) from County Line to 500'+/- north of Polaris, and Polaris (S. side) from Orion to Olde Worthington Rd. 0.8 mi. added to bike network.			
Major Widening/Intersection Modification						<b>MTP Reference:</b> Project ID 146				
Polaris Pkwy from I-71 to Olde Worthington Rd, Major Widening from 4 lanes to 6 lanes & Intersection Modification, Add turn lanes at Orion Pl. Restrict turning movements and realign both legs of Orion Pl to eliminate the split signal phasing.										
						Con \$2,136 LTIP				
						Con \$8,544 STBG-M				
<b>Total Costs (includes costs prior to SFY18)*:</b>						<b>\$16,400</b>				
						\$10,679				
3404	Delaware County	NA	E	mi		<b>Ped Components:</b>	No information provided.			
	DEL-SR745-Home Rd				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	No information provided.			
Intersection Modification						<b>MTP Reference:</b> Project ID 185				
SR-745 at Home Rd, Intersection Modification.										
									Con \$3,600 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>						<b>\$3,600</b>			<b>\$3,600</b>	
3370	Powell	NA	E	0.13 mi		<b>Ped Components:</b>	Multi-use path. 0.13 mi. added to ped network.			
	DEL-SR750-Beech Ridge Dr/Bartholomew Bl				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. 0.13 mi. added to bike network.			
Intersection Modification/Resurfacing						<b>MTP Reference:</b> Project ID 185				
Olentangy St at Beech Ridge Dr/Bartholomew Blvd, Intersection Modification & Resurfacing, roundabout proposed. Mill/Overlay Olentangy St from Grace Drive to Bartholomew Blvd.										
								ROW \$81 Local		
								Con \$1,605 Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>						<b>\$1,686</b>				
3368	Powell	NA	E	0.3 mi		<b>Ped Components:</b>	Modify existing facilities.			
	DEL-SR750-CSX RR				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Bicycle signage. 0.3 mi. added to bike network.			
Minor Widening/Streetscape						<b>MTP Reference:</b> Project ID 185				
Olentangy St from CSX RR to Grace Dr, Minor Widening & Streetscape, Reconstruct street and sidewalks. Add left turn lanes on approaches to Hall St and to southbound Depot St. Prohibit left turns at Liberty St.										
							Con \$3,200 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>						<b>\$3,200</b>				
3302	Canal Winchester	NA	E	mi		<b>Ped Components:</b>	No information provided.			
	FAI-Hill Rd-Kings Crossing				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	No information provided.			
Intersection Modification						<b>MTP Reference:</b> Project ID 185				
Hill Rd at Kings Crossing, Intersection Modification, proposed roundabout.										
								Con \$2,600 Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>						<b>\$2,600</b>			<b>\$2,600</b>	

\*All Amounts in Thousands

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MORPC SFY 2018-2021 TIP



## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section		Project Type		2018	2019	2020	2021	Future Years**	
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
2940	Pickerington	81766	SA	1.29 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 2.24 mi. added to ped network.				
FAI-CR007-01.57		Local Let <input type="checkbox"/>		<b>Bike Components:</b> Multi-use path. 0.95 mi. added to bike network.					
Major Widening/Intersection Modification				MTP Reference: Project ID 346					
Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening from 3 lanes to 5 lanes & Intersection Modification,									
		ROW	\$97	HSIP	Con	\$2,237	HSIP		
		ROW	\$1,034	STBG-M	Con	\$4,881	STBG-M		
		ROW	\$889	Local	Con	\$1,473	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$14,036</b>	\$2,020	\$8,591					
3277	Franklin County	105741	E	0.28 mi	<b>Ped Components:</b> Replace existing facilities.				
FRA-Agler Rd-Alum Creek		Local Let <input checked="" type="checkbox"/>		<b>Bike Components:</b> Shared-lane markings/Sharrows. 0.28 mi. added to bike network.					
Bridge Replacement				MTP Reference: Project ID 203					
Agler Rd at Alum Creek, Bridge Replacement, Evaluation and repair of steel girders. Possible girder and deck replacement.									
		PE Envir	\$25	Local	PE DD	\$300	Local	ROW	\$60 STBG-M
								ROW	\$15 Local
								Con	\$2,200 STBG-M
								Con	\$550 Local
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$3,150</b>	\$25	\$300		\$2,825			
3413	Dublin	NA	E	0.3 mi	<b>Ped Components:</b> No information provided.				
FRA-Avery Rd Sidewalk Connections-		Local Let <input type="checkbox"/>		<b>Bike Components:</b> No information provided.					
Sidewalks				MTP Reference: Project ID 186					
Avery Rd Sidewalk Connections, Sidewalks, Addition of missing sidewalk connections in three locations along the E side of Avery Rd: 1) Hyland Dr to Tara Hill (~340 LF); 2) Tara Hill to Manteo Dr (~630 LF); 3) St Mel Court to Avery Rd Park south lot area (500 LF).									
				PE DD	\$65	Local	Con	\$335	Local
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$400</b>	\$65		\$335				
2953	Bexley	99789	E	mi	<b>Ped Components:</b> ADA curb ramps.				
FRA-Bexley Signals Interconnect-		Local Let <input type="checkbox"/>		<b>Bike Components:</b> Bicycle detectors.					
Signalization				MTP Reference: Project ID 334					
Bexley Signals Interconnect, Signalization, replace interconnect equipment and/or install new interconnect lines at 16 signalized intersections: on Main & Broad, Elm/Cassingham (replace signal and radio interconnect) and Fair/Cassady (radio interconnect).									
				Con	\$1,384	CMAQ-M			
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,561</b>	\$1,384						
1703	Gahanna	NA	E	1.1 mi	<b>Ped Components:</b> Multi-use path. 1.1 mi. added to ped network.				
FRA-Big Walnut Trail-Section 8		Local Let <input type="checkbox"/>		<b>Bike Components:</b> Multi-use path. 1.1 mi. added to bike network.					
Multi-Use Path				MTP Reference: Not specifically identified on MTP					
Big Walnut Trail from Pizzurro Park Dr to Galloway Reserve near Rocky Fork Dr S, Multi-Use Path, new multi use path.									
		PE	\$50	Local	Con	\$1,500	Local		
		ROW	\$100	Local					
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,650</b>	\$150	\$1,500					

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section					2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3282	Columbus	105710	E	mi	Ped Components: None.				
FRA-Bike Share Expansion-					Local Let <input checked="" type="checkbox"/>	Bike Components: Modify existing facilities.			
Bike Share					MTP Reference: Project ID 186				
Bike Share Expansion, Bike Share, expansion of existing bike share network by 26 stations/232 bikes, extending service into Grandview, Bexley, Upper Arlington, & Columbus neighborhoods of 5th by NW, Near East, Univ. District, Merion Village & Linden.									
					PE Envir \$35 Local	Con \$991 STBG-M			
					PE DD \$10 Local	Con \$523 Local			
Total Costs (includes costs prior to SFY18)*:					\$1,559	\$45	\$1,514		
3391	Franklin County	NA	E	mi	Ped Components: No information provided.				
FRA-Borror Rd-Patzer Ditch					Local Let <input type="checkbox"/>	Bike Components: No information provided.			
Bridge Replacement					MTP Reference: Project ID 204				
Borror Rd at Patzer Ditch, Bridge Replacement, designed for future widening by Grove City.									
					Con \$400 Local				
Total Costs (includes costs prior to SFY18)*:					\$400	\$400			
3304	Canal Winchester	NA	E	0.3 mi	Ped Components: Multi-use path. 0.3 mi. added to ped network.				
FRA-Canal Winchester Bikeway Extension-St					Local Let <input type="checkbox"/>	Bike Components: Multi-use path. 0.3 mi. added to bike network.			
Multi-Use Path					MTP Reference: Project ID 186				
Canal Winchester Bikeway Extension from Municipal Pool Lot to Stradley Place, Multi-Use Path,									
					Con \$250 Local				
Total Costs (includes costs prior to SFY18)*:					\$250	\$250			
3353	Columbus	NA	E	0.5 mi	Ped Components: Sidewalk on 1 side, multi-use path on 1 side. 1 mi. added to ped network.				
FRA-Cannon Dr-Relocation					Local Let <input type="checkbox"/>	Bike Components: Multi-use path. 0.5 mi. added to bike network.			
Realignment					MTP Reference: Project ID 350				
Cannon Dr from King Ave to John H Herrick Dr, Realignment, 2 lanes, relocate to the west of the present alignment and provide flood protection for Ohio State University.									
					Con \$32,570 Local				
Total Costs (includes costs prior to SFY18)*:					\$35,705	\$32,570			
718	Columbus	105732	E	0.4 mi	Ped Components: Sidewalk on 2 sides. 0.8 mi. added to ped network.				
FRA-Cassady Ave--					Local Let <input checked="" type="checkbox"/>	Bike Components: Bicycle lanes. 0.4 mi. added to bike network.			
Minor Widening/Intersection Modification					MTP Reference: Project ID 53				
Cassady Ave from CSX Railroad to north of E 7th Ave, Minor Widening from 2 lanes to 3 lanes & Intersection Modification, add turn lanes at E 5th Ave intersection and southbound left turn lane at E 7th Ave, install curb and gutter, street lighting.									
					PE Envir \$450 Local	PE DD \$675 Local			ROW \$996 STBG-M
									ROW \$249 Local
									Con \$6,185 STBG-M
									Con \$1,546 Local
Total Costs (includes costs prior to SFY18)*:					\$10,101	\$450	\$675		\$8,976

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length								
County-Route-Section		Project Type		2018		2019		2020		2021		Future Years**
Project Location and Description				Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
3303	Canal Winchester	NA	E	0.65	mi	<b>Ped Components:</b> Multi-use path. 0.65 mi. added to ped network.						
	FRA-Cherry Landing Bikeway Extension-Gen			Local Let	<input type="checkbox"/>	<b>Bike Components:</b> Multi-use path. 0.65 mi. added to bike network.						
	Multi-Use Path		<b>MTP Reference:</b> Project ID 186									
	Cherry Landing Bikeway Extension from Gender Rd to Waterloo St, Multi-Use Path, along Cherry Landing.											
		Con		\$150	Local							
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$150</b>	\$150							
2658	COTA	99506	E		mi	<b>Ped Components:</b> Not Applicable.						
	FRA-COTA 2018 28 35-40' Bus Purchase-			Local Let	<input type="checkbox"/>	<b>Bike Components:</b> Bicycle racks. on buses						
	Transit Replacement Capital		<b>MTP Reference:</b> Project ID 200									
	COTA 2018 28 35-40' Bus Purchase, Transit Replacement Capital, CNG bus purchases. Total 29 buses. MORPC-attributable CMAQ funds are for 5 CNG-powered replacement buses.											
		Other		\$10,184	Sec 5307							
		Other		\$2,781	CMAQ-M							
		Other		\$2,546	Local-Transit							
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$15,511</b>	\$15,511							
3026	COTA	99058	SA	0	mi	<b>Ped Components:</b> No information provided.						
	FRA-COTA 2018 Paratransit Expansion-			Local Let	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.						
	Transit Expansion Capital		<b>MTP Reference:</b> Project ID 5									
	COTA 2018 Paratransit Expansion, Transit Expansion Capital, 2018 paratransit expansion; total 3 vehicles.											
		Other		\$216	Sec 5307							
		Other		\$54	Local-Transit							
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$270</b>	\$270							
3025	COTA	99057	E	0	mi	<b>Ped Components:</b> No information provided.						
	FRA-COTA 2018 Paratransit Replace-			Local Let	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.						
	Transit Replacement Capital		<b>MTP Reference:</b> Project ID 142									
	COTA 2018 Paratransit Replace, Transit Replacement Capital, 2018 paratransit replacement; total 17 vehicles.											
		Other		\$1,297	Sec 5307							
		Other		\$324	Local-Transit							
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$1,622</b>	\$1,622							
3027	COTA	99060	E		mi	<b>Ped Components:</b> Not applicable.						
	FRA-COTA 2019 Bus-Replacement			Local Let	<input type="checkbox"/>	<b>Bike Components:</b> Bicycle racks.						
	Transit Replacement Capital		<b>MTP Reference:</b> Project ID 142									
	COTA 2019 Bus Replacement, Transit Replacement Capital, Total 39 Buses. Partial funding on one bus with both CMAQ and 5307. MORPC-attributable CMAQ funds are for 10 CNG-powered replacement buses.											
		Other		\$8,612	Sec 5307							
		Other		\$4,527	CMAQ-M							
		Other		\$3,285	Local-Transit							
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$16,424</b>	\$16,424							

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
					2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3073	COTA	100005	SA	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
FRA-COTA 2019 Paratransit Expansion-					Local Let <input type="checkbox"/>				
Transit Expansion Capital					MTP Reference: Project ID 5				
COTA 2019 Paratransit Expansion, Transit Expansion Capital, 2019 paratransit expansion; total 2 vehicles.									
					Other \$147	Sec 5307			
					Other \$37	Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$184</b>	<b>\$184</b>			
3028	COTA	99061	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
FRA-COTA 2019 Paratransit Replace-					Local Let <input type="checkbox"/>				
Transit Replacement Capital					MTP Reference: Project ID 142				
COTA 2019 Paratransit Replace, Transit Replacement Capital, 2019 Paratransit Replacement; Total 18 vehicles.									
					Other \$1,334	Sec 5307			
					Other \$334	Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,668</b>	<b>\$1,668</b>			
2949	COTA	99508	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
FRA-COTA 2020 35-40' Bus Purchase-					Local Let <input type="checkbox"/>				
Transit Replacement Capital					MTP Reference: Project ID 200				
COTA 2020 35-40' Bus Purchase, Transit Replacement Capital, 29 Compressed Natural Gas (CNG) replacement buses, 8 of which are funded with CMAQ dollars.									
						Other \$10,025	Sec 5307		
						Other \$3,685	CMAQ-M		
						Other \$3,427	Local-Transit		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$17,137</b>	<b>\$17,137</b>			
3291	COTA	105107	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
FRA-COTA 2020 Paratransit Purchase-					Local Let <input type="checkbox"/>				
Transit Replacement Capital					MTP Reference: Project ID 142				
COTA 2020 Paratransit Purchase, Transit Replacement Capital, 18 paratransit vehicle replacements.									
						Purch \$1,359	Sec 5307		
						Purch \$340	Local-Transit		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,698</b>	<b>\$1,698</b>			
3053	COTA	99929	E	mi	<b>Ped Components:</b> Not Applicable. <b>Bike Components:</b> Bicycle racks, on buses				
FRA-COTA 2021 Bus Replacement-					Local Let <input type="checkbox"/>				
Transit Replacement Capital					MTP Reference: Project ID 142				
COTA 2021 Bus Replacement, Transit Replacement Capital, 29 CNG-powered 35' or 40' replacement buses, 8 of which are funded with CMAQ dollars.									
						Other \$10,371	Sec 5307		
						Other \$3,750	CMAQ-M		
						Other \$3,530	Local-Transit		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$17,652</b>	<b>\$17,652</b>			

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3429	COTA	105895	E	mi	<b>Ped Components:</b> No information provided.				
	FRA-COTA 2021 Paratransit Purchase-				<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
	Transit Replacement Capital								
	COTA 2021 Paratransit Purchase, Transit Replacement Capital, 18 vehicles.								
								Purch \$1,383 Sec 5307	
								Purch \$346 Local-Transit	
								\$1,729	
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$1,729				
3093	COTA	101565	E	mi	<b>Ped Components:</b> Not applicable.				
	FRA-COTA 4G Cellular Connection for Buse				<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Not applicable.				
	Transit Activity/ITS								
	COTA 4G Cellular Connection for Buses, Transit Activity & ITS, includes Mobile Payments for Fareboxes. 11.62.02								
					Other \$3,750 Local-Transit				
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$6,250	\$3,750			
3289	COTA	105118	SA	mi	<b>Ped Components:</b> No information provided.				
	FRA-COTA Bus Rapid Transit Corridor-				<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
	Transit Expansion Capital								
	COTA Bus Rapid Transit Corridor, Transit Expansion Capital, including pre-project development to apply for New Starts, design, and construction. Location TBD (will be one of the corridors from COTA's NextGen plan).								
					Study \$800 Local-Transit	PE DD \$2,000 Local-Transit	Con \$10,000 Local-Transit	Con \$35,000 Local-Transit	
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$47,800	\$800	\$2,000	\$10,000	\$35,000
3286	COTA	105114	E	mi	<b>Ped Components:</b> No information provided.				
	FRA-COTA Bus Shelters-				<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
	Transit Activity								
	COTA Bus Shelters, Transit Activity, including 10 replacement shelters annually and 25 additional new shelters in 2018 and 2019.								
					Other \$330 Local-Transit	Other \$330 Local-Transit	Other \$80 Local-Transit	Other \$80 Local-Transit	
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$820	\$330	\$330	\$80	\$80
2568	COTA	92089	E	mi	<b>Ped Components:</b> Transit shelters.				
	FRA-COTA Canal Winchester Park & Ride-				<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Maybe - To be determined.				
	Transit Activity/Operations Facility								
	COTA Canal Winchester Park & Ride, Transit Activity & Operations Facility, 11.31.04 PE, 11.32.04 ROW, and 11.33.04 Construction								
					Con \$1,294 Local-Transit				
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$2,956	\$1,294			

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length												
					2018	2019		2020		2021		Future Years**				
Project Location and Description					Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source			
3387	COTA	105462	E	mi	<b>Ped Components:</b> No information provided.											
FRA-COTA Farebox Replacement Alt Pay- Transit Activity					<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.									
					<b>MTP Reference:</b> Project ID 142											
COTA Farebox Replacement Alt Pay, Transit Activity, Alternative payment system.																
					Other	\$3,821	Sec 5307									
					Other	\$3,327	Sec 5339									
					Other	\$1,787	Local-Transit									
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$8,935</b>											
3033	COTA	99069	E	0 mi	<b>Ped Components:</b> No information provided.											
FRA-COTA Fields Avenue-Assessment Transit Activity					<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.									
					<b>MTP Reference:</b> Project ID 142											
COTA Fields Avenue Assessment, Transit Activity, Fields Avenue assessment - old service line space utilization plan.																
					Other	\$150	Local-Transit									
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$150</b>											
2786	COTA	95037	E	mi	<b>Ped Components:</b> No information provided.											
FRA-COTA Fields CNG Rehabilitation- Transit Activity					<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.									
					<b>MTP Reference:</b> Project ID 142											
COTA Fields CNG Rehabilitation, Transit Activity, 1330 Fields - CNG Changeover Requirements, 1333 & 1330 Fields - CNG Filling Stations, 1333 Fields - CNG Changeover Requirements, 1333 Fields - Roof Replacement																
					Other	\$5,600	Sec 5307	Other	\$5,600	Sec 5307						
					Other	\$1,400	Local-Transit	Other	\$1,400	Local-Transit						
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$42,500</b>	\$7,000		\$7,000								
3285	COTA	105112	E	mi	<b>Ped Components:</b> No information provided.											
FRA-COTA Mobile Command Center and Se Transit Activity					<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.									
					<b>MTP Reference:</b> Project ID 142											
COTA Mobile Command Center and Security Upgrades, Transit Activity, Replacement of COTA's mobile command center and CCTV upgrades for coaches and facilities.																
					Other	\$480	Local-Transit			Other	\$300	Local-Transit				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$780</b>	\$480				\$300						
3197	COTA	102565	E	mi	<b>Ped Components:</b> Not applicable.											
FRA-COTA Mobility Services Facility Update- Transit Activity					<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No change to existing conditions.									
					<b>MTP Reference:</b> Project ID 142											
COTA Mobility Services Facility Update, Transit Activity, Bicycle racks already available at this location.																
					Con	\$5,000	Local-Transit	Con	\$1,000	Local-Transit						
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$7,000</b>	\$5,000		\$1,000								

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3290	COTA FRA-COTA Municipal Capital Partnerships- Transit Activity	105119	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					<b>MTP Reference:</b> Project ID 142				
COTA Municipal Capital Partnerships, Transit Activity, Partnering with municipalities and counties to enhance access to transit through construction of sidewalks, crosswalks, etc.									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$1,500					Other \$300 Local-Transit	Other \$300 Local-Transit	Other \$300 Local-Transit	Other \$300 Local-Transit	
3284	COTA FRA-COTA Non-Revenue Vehicles- Transit Activity	105110	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					<b>MTP Reference:</b> Project ID 142				
COTA Non-Revenue Vehicles, Transit Activity,									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$2,055					Purch \$420 Local-Transit	Purch \$485 Local-Transit	Purch \$850 Local-Transit	Purch \$300 Local-Transit	
3031	COTA FRA-COTA Operating 2018- Transit Operating	99066	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
					<b>MTP Reference:</b> Project ID 200				
COTA Operating 2018, Transit Operating, sales tax revenue.									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$131,886					Other \$131,886 Local-Transit				
3032	COTA FRA-COTA Operating 2019- Transit Operating	99068	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
					<b>MTP Reference:</b> Project ID 200				
COTA Operating 2019, Transit Operating, sales tax revenue.									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$135,843					Other \$135,843 Local-Transit				
3312	COTA FRA-COTA Operating Funds 2020- Transit Operating	105318	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					<b>MTP Reference:</b> Project ID 200				
COTA Operating Funds 2020, Transit Operating,									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$139,918						Other \$139,918 Local-Transit			
3311	COTA FRA-COTA Operating Funds 2021- Transit Operating	105319	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
					<b>MTP Reference:</b> Project ID 201				
COTA Operating Funds 2021, Transit Operating,									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$144,116						Other \$144,116 Local-Transit			

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length										
					Project Type	2018	2019	2020	2021	Future Years**				
					Project Location and Description	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source				
2868	COTA	96847	E	mi	Ped Components:	Not applicable.								
	FRA-COTA Real-Time Digital Displays-		Local Let	<input type="checkbox"/>	Bike Components:	Not applicable.								
	Transit Activity/ITS				MTP Reference: Project ID 142									
	COTA Real-Time Digital Displays, Transit Activity & ITS, at Major Stops													
			Other	\$250	Local-Transit	Other	\$250	Local-Transit						
	Total Costs (includes costs prior to SFY18)*:				\$1,700	\$250	\$250							
3287	COTA	105115	E	mi	Ped Components:	No information provided.								
	FRA-COTA Solar Lighting at Stops/Shelters-		Local Let	<input type="checkbox"/>	Bike Components:	No information provided.								
	Transit Activity				MTP Reference: Project ID 142									
	COTA Solar Lighting at Stops/Shelters, Transit Activity, 70 locations total.													
			Other	\$100	Local-Transit	Other	\$40	Local-Transit						
	Total Costs (includes costs prior to SFY18)*:				\$140	\$100	\$40							
3094	COTA	101566	E	mi	Ped Components:	Not applicable.								
	FRA-COTA Strategic Land Purchases-		Local Let	<input type="checkbox"/>	Bike Components:	Not applicable.								
	Transit Activity				MTP Reference: Project ID 142									
	COTA Strategic Land Purchases, Transit Activity, locations not yet specified.													
			ROW	\$1,000	Local-Transit	ROW	\$1,000	Local-Transit	ROW	\$1,000	Local-Transit	ROW	\$1,000	Local-Transit
	Total Costs (includes costs prior to SFY18)*:				\$6,060	\$1,000	\$1,000	\$1,000	\$1,000					
3196	COTA	102564	E	mi	Ped Components:	Not applicable.								
	FRA-COTA Test Track for Fixed Route Buse		Local Let	<input type="checkbox"/>	Bike Components:	Not applicable.								
	Transit Activity				MTP Reference: Project ID 142									
	COTA Test Track for Fixed Route Buses, Transit Activity,													
			Con	\$6,000	Local-Transit									
	Total Costs (includes costs prior to SFY18)*:				\$6,000	\$6,000								
3288	COTA	105116	E	mi	Ped Components:	No information provided.								
	FRA-COTA Transit Center Facility Renovatio		Local Let	<input type="checkbox"/>	Bike Components:	No information provided.								
	Transit Activity				MTP Reference: Project ID 142									
	COTA Transit Center Facility Renovations/Upgrades, Transit Activity,													
			Other	\$100	Local-Transit				Other	\$100	Local-Transit			
	Total Costs (includes costs prior to SFY18)*:				\$200	\$100				\$100				
2915	Grove City	NA	E	0.74 mi	Ped Components:	No information provided.								
	FRA-Demorest Rd-Phase 1		Local Let	<input type="checkbox"/>	Bike Components:	No information provided.								
	Minor Widening/Signalization				MTP Reference: Project ID 185									
	Demorest Rd from Southwest Blvd to Grove City Rd, Minor Widening & Signalization, includes waterline, bridge/culvert replacement, stormwater, street lighting, traffic signal improvements and sanitary improvements. Phase 1 of 2. See MORPC ID 3317.													
			PE	\$425	Local	Con	\$6,912	Local						
			ROW	\$250	Local									
	Total Costs (includes costs prior to SFY18)*:				\$7,707	\$675	\$6,912							

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
Project Location and Description					Project Type				
3317	Grove City FRA-Demorest Rd-Phase 2	NA	E	0.42 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Reconstruction								
	Demorest Rd from Southwest Blvd to Big Run S, Reconstruction, includes waterline, stormwater, and street lighting. Phase 2 of 2. See MORPC ID 2915.								
							PE DD \$300 Local		Con \$2,970 Local
							\$300		\$2,970
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$3,270</b>				
3346	Columbus FRA-Downtown Signals-	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Signals								
	Downtown Signals, Signals, Upgrade traffic signals in Downtown area: Grant/Oak, Oak/Washington, Grant/State, Grant/Town, Town/Washington.								
					Con \$1,696 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,696</b>	\$1,696			
3355	New Albany FRA-Dublin-Granville Rd-Harlem Rd	NA	E	0.1 mi	<b>Ped Components:</b> Multi-use path. 0.1 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.1 mi. added to bike network.				
	Multi-Use Path								
	Dublin-Granville Rd from Harlem Rd to Greensward Rd, Multi-Use Path,								
					Con \$300 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$300</b>	\$300			
3361	New Albany FRA-Dublin-Granville Rd-Path	NA	E	0.4 mi	<b>Ped Components:</b> Multi-use path. 0.4 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.4 mi. added to bike network.				
	Multi-Use Path								
	Dublin-Granville Rd from New Albany west corp limit to Greensward Rd, Multi-Use Path, connecting the western city boundary to the Village Center.								
					Con \$410 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$410</b>	\$410			
3354	New Albany FRA-Dublin-Granville Rd-W Main St	NA	E	0.4 mi	<b>Ped Components:</b> Multi-use path. 0.4 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.4 mi. added to bike network.				
	Reconstruction/Multi-Use Path								
	Dublin-Granville Rd from W Main St to Market St, Reconstruction & Multi-Use Path, also known as the Rose Run project.								
					Con \$2,000 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$2,000</b>	\$2,000			
3411	Dublin FRA-Emerald Parkway-Scioto River	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Bridge Deck Overlay								
	Emerald Parkway at Scioto River, Bridge Deck Overlay, to prolong the lifespan of the bridge (built in 1999). Dublin CIP ET162.								
					Con \$2,500 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$2,600</b>	\$2,500			

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MORPC SFY 2018-2021 TIP



## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length								
Project Location and Description	Project Type	2018		2019		2020		2021		Future Years**		
		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		
2946	Grandview Heights FRA-Grandview Heights Signals Interconnect Signalization	99738	E	mi	<b>Ped Components:</b> None. <b>Bike Components:</b> Bicycle detectors.	<b>MTP Reference:</b> Project ID 334						
Grandview Heights Signals Interconnect, Signalization, at 16 intersections, following earlier Grandview Heights signals project with PID 90390.												
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$731</b>			Con	\$602	CMAQ-M					
3314	Grove City FRA-Grant Run Trail-Hoover Rd Multi-Use Path	NA	E	1.76 mi	<b>Ped Components:</b> Multi-use path. 1.76 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 1.76 mi. added to bike network.	<b>MTP Reference:</b> Project ID 186						
Grant Run Trail from Hoover Rd to Buckeye Parkway, Multi-Use Path, 10' wide. The purpose of the Grant Run Trail Improvement project is to create an east-west trail connection through the City of Grove City and in Jackson Township from North Meadows Drive to the Scioto Grove Metro Park (located east of SR104 along the Scioto River).												
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$3,041</b>			PE	\$410	Local	ROW	\$150	Local	Con	\$2,481
3300	Canal Winchester FRA-Groveport Rd-Bikeway Multi-Use Path	NA	E	1 mi	<b>Ped Components:</b> Multi-use path. 1 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 1 mi. added to bike network.	<b>MTP Reference:</b> Project ID 186						
Groveport Rd from Walnut Woods Metro Park to W of Gender Rd, Multi-Use Path, an extension of a bikeway to be constructed with the Gender Rd Phase IV project at the intersection.												
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$500</b>			Con	\$500	Local					
3388	Groveport FRA-Groveport Rd-Study Study	NA	E	1.1 mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.	<b>MTP Reference:</b> Project ID 792						
Groveport Rd from Swisher Rd to Tallman St, Study, find ways to enhance safety, to reduce traffic delay/congestion, and elevate operational efficiency of the travel corridor and its intersections.												
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$100</b>					PE	\$100	Local			
3316	Grove City FRA-Home Rd-Phase 1 Reconstruction	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.	<b>MTP Reference:</b> Project ID 204						
Home Rd from Hoover Rd to Gantz Rd, Reconstruction, includes stormwater, waterline, street lighting and pedestrian/bicycle facilities to connect residential area to Gantz Park area.												
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$6,630</b>			PE	\$540	Local	ROW	\$150	Local	Con	\$5,940

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
					2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3356	MORPC FRA-insight2050 Technical Assistance- Planning Activity	105871	E	mi	<b>Ped Components:</b> Not applicable. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Not applicable.	<b>MTP Reference:</b> Project ID 144			
insight2050 Technical Assistance, Planning Activity, to provide technical planning assistance, including outreach and planning services, to assist individual communities with effective integration of insight2050 findings into local land use and transportation plans.									
					Plan \$200	STBG-M			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$200</b>	\$200			
2841	Columbus FRA-James Rd-Livingston Ave	NA	E	2 mi	<b>Ped Components:</b> Replace existing facilities. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.	<b>MTP Reference:</b> Project ID 203			
Reconstruction James Rd from Livingston Ave to E Main St, Reconstruction, improve drainage.									
					Con \$5,200	Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$6,897</b>	\$5,200			
2956	Columbus FRA-Johnstown Rd-Alum Creek Trail	99828	E	1.7 mi	<b>Ped Components:</b> Multi-use path. 10 ft wide. 0.4 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Bicycle lanes. (0.3 mi, 5 ft wide). Multi-use path (0.4 mi, 10 ft wide). Bike boulevard (1 mi). Total of 1.7 mi. added to bike network.	<b>MTP Reference:</b> Project ID 561			
Multi-Use Path/Bicycle Lanes Johnstown Rd from Alum Creek Trail to Cassady Ave, Multi-Use Path & Bicycle Lanes, construct trail from Alum Creek Trail to Johnstown Rd; bike lanes from new trail to Cassady Ave; and bike blvd along Kenilworth Ave, Roxbury St & 10th Ave.									
						Con \$1,667	STBG-M		
						Con \$417	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$2,411</b>	\$2,084			
2651	Columbus FRA-Lazelle Rd-Phase A	95606	E	0.71 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. Add a 5' wide sidewalk on south side and a 10' wide path on north side throughout, replacing existing sidewalk where present. 1 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. Add a 10' wide path on north side throughout, replacing existing sidewalk where present. 0.71 mi. added to bike network.	<b>MTP Reference:</b> Project ID 359			
Minor Widening/Multi-Use Path Lazelle Rd Phase A from N High St to Flint Rd, Minor Widening from 2 lanes to 3 lanes & Multi-Use Path,									
					Con \$696	LTIP			
					Con \$2,937	CMAQ-M			
					Con \$0	Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$5,741</b>	\$3,633			

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MORPC SFY 2018-2021 TIP



## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
Project Location and Description									
1732	Columbus	90406	SA	0.72 mi	<b>Ped Components:</b>	Sidewalk on 1 side, multi-use path on 1 side. New 5' wide sidewalk on south side of Lazelle and the east side of realigned S Old State. See path in Bike Components. 1.2 mi. added to ped network.			
	FRA-Lazelle Rd-Phase B				<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. New 10' path on the north side of Lazelle and the west side of realigned S Old State. 0.75 mi. added to bike network.		
	Major Widening/Bridge Replacement					<b>MTP Reference:</b> Project ID 11			
	Lazelle Rd Phase B from Flint Rd to Sancus Blvd, Major Widening from 2 lanes to 5 lanes & Bridge Replacement, Realign S Old State Rd with Storrow Dr and construct a roundabout at the intersection. Reconstruct 2 railroad bridges.								
							Con \$2,804 LTIP		
							Con \$15,071 STBG-M		
							Con \$964 Local		
							\$18,839		
<b>Total Costs (includes costs prior to SFY18)*:</b> \$24,580									
2652	Columbus	95607	E	0.99 mi	<b>Ped Components:</b>	Sidewalk on 1 side, multi-use path on 1 side. South side will have a continuous 5' sidewalk. North side will have a continuous 10' wide path. 0.8 mi. added to ped network.			
	FRA-Lazelle Rd-Phase C				<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. North side will have a continuous 10' wide path. 0.2 mi. added to bike network.		
	Minor Widening/Multi-Use Path					<b>MTP Reference:</b> Project ID 262			
	Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening from 2 lanes to 3 lanes & Multi-Use Path,								
						Con \$4,873 CMAQ-M			
						Con \$0 STBG-M			
						Con \$1,218 Local			
							\$6,091		
<b>Total Costs (includes costs prior to SFY18)*:</b> \$7,045									
2663	MORPC	95493	E	mi	<b>Ped Components:</b>	Not applicable.			
	FRA-MORPC FY 18-Air Quality Pgm				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.		
	Air Quality Project					<b>MTP Reference:</b> Project ID 143			
	Air Quality Awareness, SFY 2018, Air Quality Project, Public education program to increase awareness about air quality effects on the environment and public health.								
					Plan \$550 CMAQ-M				
					Plan \$50 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b> \$600					\$600				
2667	MORPC	95504	E	mi	<b>Ped Components:</b>	Not Applicable.			
	FRA-MORPC FY 18-Reg Trans Plng				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.		
	Planning Activity					<b>MTP Reference:</b> Project ID 144			
	Supplemental Planning, SFY 2018, Planning Activity,								
					Plan \$250 STBG-M				
<b>Total Costs (includes costs prior to SFY18)*:</b> \$250					\$250				
2665	MORPC	99033	E	mi	<b>Ped Components:</b>	Not Applicable.			
	FRA-MORPC FY 18-Rideshare				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.		
	Ridesharing					<b>MTP Reference:</b> Project ID 143			
	RideSolutions, SFY 2018, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.								
					Plan \$760 CMAQ-M				
<b>Total Costs (includes costs prior to SFY18)*:</b> \$760					\$760				

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length									
					Project Type	2018	2019	2020	2021	Future Years**			
					Project Location and Description	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source			
3036	MORPC FRA-MORPC FY 19 Supp-Planning	99108	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Planning Activity						MTP Reference: Project ID 144		
					Supplemental Planning, SFY 2019, Planning Activity,								
						Plan \$250 STBG-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$250</b>	<b>\$250</b>						
2931	MORPC FRA-MORPC FY 19-AQ Program	99005	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Air Quality Project						MTP Reference: Project ID 143		
					Air Quality Awareness, SFY 2019, Air Quality Project, Public education program to increase awareness about air quality effects on the environment and public health.								
						Plan \$565 CMAQ-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$565</b>	<b>\$565</b>						
3019	MORPC FRA-MORPC FY 19-Rideshare	99034	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Ridesharing						MTP Reference: Project ID 143		
					RideSolutions, SFY 2019, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.								
						Plan \$780 CMAQ-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$780</b>	<b>\$780</b>						
3037	MORPC FRA-MORPC FY 20 Supp-Planning	99110	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Planning Activity						MTP Reference: Project ID 144		
					Supplemental Planning, SFY 2020, Planning Activity,								
						Plan \$250 STBG-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$250</b>	<b>\$250</b>						
2932	MORPC FRA-MORPC FY 20-AQ Program	99006	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Air Quality Project						MTP Reference: Project ID 143		
					Air Quality Awareness, SFY 2020, Air Quality Project, Public education program to increase awareness about air quality effects on the environment and public health.								
						Plan \$580 CMAQ-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$580</b>	<b>\$580</b>						
3020	MORPC FRA-MORPC FY 20-Rideshare	99035	E	mi	Local Let <input type="checkbox"/>	Ped Components: Not applicable. Bike Components: Not applicable.	Not applicable.						
					Ridesharing						MTP Reference: Project ID 143		
					RideSolutions, SFY 2020, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.								
						Plan \$800 CMAQ-M							
					<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$800</b>	<b>\$800</b>						

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
Project Location and Description					Project Type				
3051	MORPC FRA-MORPC FY 21 Supp-Planning	99112	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
Planning Activity					<b>MTP Reference:</b> Project ID 144				
Supplemental Planning, SFY 2021, Planning Activity,								Plan \$250 STBG-M	
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$250</b>			<b>\$250</b>	
2933	MORPC FRA-MORPC FY 21-AQ Program	99007	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
Air Quality Project					<b>MTP Reference:</b> Project ID 143				
Air Quality Awareness, SFY 2021, Air Quality Project, Public education program to increase awareness about air quality effects on the environment and public health.								Plan \$595 CMAQ-M	
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$595</b>			<b>\$595</b>	
3052	MORPC FRA-MORPC FY 21-Rideshare	99036	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
Ridesharing					<b>MTP Reference:</b> Project ID 143				
RideSolutions, SFY 2021, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.								Plan \$820 CMAQ-M	
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$820</b>			<b>\$820</b>	
3393	Franklin County FRA-Morse Rd-Kitzmiller Rd	NA	E	mi	<b>Ped Components:</b> Other. <b>Bike Components:</b> Widen shoulder.				
Intersection Modification					<b>MTP Reference:</b> Project ID 185				
Morse Rd at Kitzmiller Rd, Intersection Modification, includes 4-foot paved shoulder, splitter islands, and grading for a future sidewalk/MU path.						Con \$1,575 HSIP Con \$175 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,750</b>	<b>\$1,750</b>			
3351	Columbus FRA-N High St-Phase 2	NA	E	0.5 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
Streetscape					<b>MTP Reference:</b> Project ID 204				
N High St from W Poplar Ave to 2nd Ave, Streetscape,						ROW \$3,200 Local Con \$6,720 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$10,820</b>	<b>\$9,920</b>			

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
3352	Columbus FRA-N High St-Phase 3	NA	E	0.55 mi	Streetscape	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
N High St from 2nd Ave to King Ave/E 7th Ave, Streetscape,							ROW \$1,600 Local Con \$7,080 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$8,680							\$8,680			
3345	Columbus FRA-Neil Ave-Signals	NA	E	1.5 mi	Signals	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
Neil Ave from Goodale Blvd to W 11th Ave, Signals, replace 8 existing traffic signals with new traffic signals.										
<b>Total Costs (includes costs prior to SFY18)*:</b> \$2,868							\$2,868			
1794	New Albany FRA-New Albany-Signals	99846	E	mi	Signalization	<b>Ped Components:</b> ADA curb ramps. Replace curb ramps as needed. Install audible signals as needed. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Bicycle detectors.				
New Albany Signals, Signalization, interconnect traffic signals at 23 intersections to a master controller via the city's existing fiber-optic system (and 1 radio interconnect), including upgrades to signal controller cabinets to permit full communications. Upgrade signal hardware to current standards. Signals are on US 62, SR-605, Beech Rd, Dublin-Granville Rd, and New Albany Rd E.							Con \$995 STBG-M Con \$351 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$1,676							\$1,346			
2950	Columbus FRA-Olentangy Trail-Bethel Rd	99743	E	1.5 mi	Multi-Use Path	<b>Ped Components:</b> Multi-use path. 0.6 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.6 mi. added to bike network.				
Olentangy Trail from Olentangy River Rd/Bethel Rd to Antrim Park, Multi-Use Path, widen the trail from 9' to 12', connect the trail to Bethel Rd and add multi-use path on N side of Bethel Rd to Olentangy River Rd and Anheuser Busch Park; new trail head.							Con \$2,105 TAP-M Con \$526 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$3,116							\$2,631			
2944	Columbus FRA-Olentangy Trail-Extension	99533	E	0.4 mi	Multi-Use Path	<b>Ped Components:</b> Multi-use path. 0.4 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.4 mi. added to bike network.				
Olentangy Trail from Worthington Hills Park to Highview Dr, Multi-Use Path, this project is environmental mitigation for PIDs 81747 & 81748.							Con \$250 State Con \$183 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$413							\$413			

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**
Project Location and Description					Project Type		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
2848	MORPC FRA-Paving the Way-FY18	95526	E	mi	Local Let <input type="checkbox"/>		Ped Components: Not applicable. Bike Components: Not applicable.						
Program Administration											MTP Reference: Project ID 144		
Paving the Way, SFY 2018, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.													
Total Costs (includes costs prior to SFY18)*:					\$150	PE \$150	STBG-M						
3423	MORPC FRA-Paving the Way-FY19	105883	E	mi	Local Let <input type="checkbox"/>		Ped Components: Not applicable. Bike Components: Not applicable.						
Program Administration											MTP Reference: Project ID 144		
Paving the Way, SFY 2019, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.													
Total Costs (includes costs prior to SFY18)*:					\$150	PE \$150	STBG-M						
3424	MORPC FRA-Paving the Way-FY20	NP	E	mi	Local Let <input type="checkbox"/>		Ped Components: Not applicable. Bike Components: Not applicable.						
Program Administration											MTP Reference: Project ID 144		
Paving the Way, SFY 2020, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.													
Total Costs (includes costs prior to SFY18)*:					\$150	PE \$150	STBG-M						
3425	MORPC FRA-Paving the Way-FY21	NP	E	mi	Local Let <input type="checkbox"/>		Ped Components: Not applicable. Bike Components: Not applicable.						
Program Administration											MTP Reference: Project ID 144		
Paving the Way, SFY 2021, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.													
Total Costs (includes costs prior to SFY18)*:					\$150	PE \$150	STBG-M						
3408	Dublin FRA-Post Rd-Kilgour Place	NA	E	0.3 mi	Local Let <input type="checkbox"/>		Ped Components: No information provided. Bike Components: No information provided.						
Intersection Modification											MTP Reference: Project ID 185		
Post Rd at Kilgour Place, Intersection Modification, realignment of Post Rd to create an intersection with Kilgour Place further N of the existing intersection near SR 161; includes the widening of Kilgour Place. This provides an alternative route when the SR 161/Frantz Rd/Post Rd intersection is reconstructed. Dublin CIP ET17H.													
Total Costs (includes costs prior to SFY18)*:					\$8,550	PE \$550	Local	ROW \$1,000	Local	Con \$7,000	Local		

\*All Amounts in Thousands

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MORPC SFY 2018-2021 TIP



## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Project Type	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3409	Dublin FRA-Shawan Fall Dr-USPS/OCLC	NA	SA	0.6 mi	Local Let <input type="checkbox"/>	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.			
New Roadway								<b>MTP Reference:</b> Project ID 923	
Shawan Fall Dr from USPS/OCLC to Rock Cress Ave/N High St, New Roadway, extension of Shawan Falls and Rock Cress Ave (N of CML-Dublin). This provides an alternative route when the SR 161/Frantz Rd/Post Rd intersection is reconstructed, Dublin CIP ET171.									
<b>Total Costs (includes costs prior to SFY18)*:</b>					PE \$500 Local	ROW \$1,000 Local	Con \$4,000 Local		
					\$500	\$1,000	\$4,000		
3427	Columbus FRA-Smart Columbus Electric Vehicle Infrastr	105946	E	mi	Local Let <input checked="" type="checkbox"/>	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.			
Intelligent Vehicle Systems								<b>MTP Reference:</b> Project ID 334	
Smart Columbus Electric Vehicle Infrastructure, Intelligent Vehicle Systems, includes design and construction of public fleet electric vehicle charging stations and public fleet electric vehicle purchases for year 1 of the 3-year electrification grant from the Paul G. Allen Family Foundation. Smart Columbus program management, outreach, residential charging and other aspects of the planning and stakeholder involvement and future year funding is not included in this project.									
<b>Total Costs (includes costs prior to SFY18)*:</b>					Purch \$2,289 Local Purch \$300 Private PE DD \$140 Private Con \$600 STBG-M Con \$100 Private				
					\$3,429	\$3,429			
3426	Columbus FRA-Smart Columbus-	NP	E	mi	Local Let <input type="checkbox"/>	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.			
ITS								<b>MTP Reference:</b> Project ID 334	
Smart Columbus, ITS, includes the planning, design and deployment of 15 identified transportation projects in the city of Columbus as described in the USDOT Smart City Challenge grant award. The funding reflects the USDOT funds and local matches over the 4-year period from Columbus, Franklin County and ODOT. It does not include the value of in-kind contributions or tangential initiatives spurred as a result of the Smart City Challenge grant award.									
<b>Total Costs (includes costs prior to SFY18)*:</b>					Plan/Dply \$40,000 Federal Plan/Dply \$19,000 Local				
					\$59,000	\$59,000			
3283	Columbus FRA-Souder Ave-Multi-Use Path	105736	E	0.4 mi	Local Let <input checked="" type="checkbox"/>	<b>Ped Components:</b> Multi-use path. 0.4 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 0.4 mi. added to bike network.			
Multi-Use Path/New Bridge								<b>MTP Reference:</b> Project ID 186	
Souder Ave from W Broad St to Dublin Rd, Multi-Use Path & New Bridge, Provide a bike/ped bridge adjacent to the Souder bridge, including connections to the Scioto Trail and Westbank Trail. Extend path along Souder from Scioto Trail to Broad St.									
<b>Total Costs (includes costs prior to SFY18)*:</b>					PE Envir \$165 Local	PE DD \$200 Local	ROW \$117 Local	Con \$2,788 TAP-M Con \$786 Local	
					\$165	\$200	\$117	\$3,574	

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
3248	Upper Arlington FRA-SRTS Upper Arlington-Waltham Rd Sidewalks	100955	E	0 mi		<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
						<b>MTP Reference:</b> Project ID 186				
						Barrington Rd from Waltham Rd to Northwest Blvd, Sidewalks, Install sidewalk on the south side of Barrington Rd. Improve visibility by installing thermoplastic pavement markings and a rectangular rapid flashing beacon.				
<b>Total Costs (includes costs prior to SFY18)*:</b>						Con \$230	TAP-S			
3414	Dublin FRA-Summit View Rd-Riverside Dr Multi-Use Path	NA	E	0.2 mi		<b>Ped Components:</b> Multi-use path. 0.2 mi. added to ped network. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.2 mi. added to bike network.				
						<b>MTP Reference:</b> Project ID 186				
						Summit View Rd from Riverside Dr to Campden Lakes Blvd, Multi-Use Path, 8' wide path along Wedgewood Hills Park. Dublin CIP ET177.				
<b>Total Costs (includes costs prior to SFY18)*:</b>						Con \$185	Local			
3278	Franklin County FRA-Trabue Rd-Scioto River Bridge Deck Replacement	105759	E	0.27 mi		<b>Ped Components:</b> Widen shoulder. 0.27 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Widen shoulder. 0.27 mi. added to bike network.				
						<b>MTP Reference:</b> Project ID 203				
						Trabue Rd at Scioto River, Bridge Deck Replacement, Concrete deck replacement of a 4-span, 416 ft, steel beam bridge.				
<b>Total Costs (includes costs prior to SFY18)*:</b>						PE Envir \$25	Local	PE DD \$450	Local	ROW \$45 STBG-M \$30 Local \$75
										Con \$2,392 STBG-M \$1,595 Local \$3,986
207	Dublin FRA-Tuttle Crossing Blvd-Extension New Roadway	99815	SA	0.91 mi		<b>Ped Components:</b> Multi-use path on 2 sides. 1.82 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path on 2 sides. Also add sharrows in wide outside lanes and Share the Road signs. 1.8 mi. added to bike network.				
						<b>MTP Reference:</b> Project ID 23				
						Tuttle Crossing Blvd from Wilcox Rd to Avery Rd, New Roadway, also includes a major widening of Avery Rd from Tuttle Crossing Blvd (Extension) to Rings Rd, from 2 lanes to 5 lanes.				
<b>Total Costs (includes costs prior to SFY18)*:</b>						Con \$7,000	STBG-M			
						Con \$6,800	Local			
3430	Gahanna FRA-US-62-Agler Rd Intersection Modification	NA	E	0.45 mi		<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 0.9 mi. added to ped network. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.45 mi. added to bike network.				
						<b>MTP Reference:</b> Project IDs 815/ 183				
						US-62 from Agler Rd to Stygler Rd, Intersection Modification, Modification of both intersections.				
<b>Total Costs (includes costs prior to SFY18)*:</b>						PE Envir \$400	Local	ROW \$2,800	Local	Con \$8,890 Local \$8,890
						PE DD \$750	Local			

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**		
Project Location and Description					Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		
1416	Gahanna FRA-W Johnstown Rd-Styglar Rd	NA	E	0.8 mi	<b>Ped Components:</b>	Sidewalk on 1 side, multi-use path on 1 side. 1.6 mi. added to ped network.									
				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. 0.8 mi. added to bike network.									
	Minor Widening														
	W Johnstown Rd from Styglar Rd to Olde Ridenour Rd, Minor Widening from 2 lanes to 3 lanes,														
					PE	\$200	Local	ROW	\$150	Local		Con	\$2,000	Local	
						\$200			\$150				\$2,000		
<b>Total Costs (includes costs prior to SFY18)*:</b>						\$2,350									
2952	Whitehall FRA-Whitehall Signals Interconnect-	99827	E	mi	<b>Ped Components:</b>	ADA curb ramps.									
				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Bicycle detectors.									
	Signalization														
	MTP Reference: Project ID 334														
	Whitehall Signals Interconnect, Signalization, replace existing interconnect equipment and/or install new interconnect lines at 30 existing signalized intersections: on Main, Broad, Hamilton, Yearling (radio interconnect) & Siegman (radio interconnect).														
									Con	\$1,119	CMAQ-M				
										\$1,119					
<b>Total Costs (includes costs prior to SFY18)*:</b>						\$1,426									
3415	Dublin FRA-Wilcox Rd-Northcliff Blvd	NA	E	0.2 mi	<b>Ped Components:</b>	Multi-use path. 0.2 mi. added to ped network.									
				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. 0.2 mi. added to bike network.									
	Multi-Use Path														
	MTP Reference: Project ID 186														
	Wilcox Rd from Northcliff Blvd to Heather Glen Blvd, Multi-Use Path, 8' wide path with crossing at Lothian. Dublin CIP ET178.														
					PE DD	\$35	Local	Con	\$160	Local					
									\$35		\$160				
<b>Total Costs (includes costs prior to SFY18)*:</b>						\$195									
3349	Columbus FRA-Wilson Rd-Shared Use Path	NA	E	0.8 mi	<b>Ped Components:</b>	Multi-use path. 0.8 mi. added to ped network.									
				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. 0.8 mi. added to bike network.									
	Multi-Use Path/Intersection Modification														
	MTP Reference: Project ID 186														
	Wilson Rd from Sullivant Ave to W Broad St, Multi-Use Path & Intersection Modification, construct a path on the west side of Wilson Road. Modifications will be made to the existing bridge and the alignment of the roadway to accommodate the path addition. Add a southbound left turn lane at Fremont St. Add a median between Fremont and Wilson Park Way to support a path crossing at Fremont St.														
					Con	\$3,700	Local								
						\$3,700									
<b>Total Costs (includes costs prior to SFY18)*:</b>						\$3,700									
875	Franklin County FRA-Winchester Pike-Georges Creek	105761	E	0.2 mi	<b>Ped Components:</b>	Widen shoulder. 0.2 mi. added to ped network.									
				<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b>	Widen shoulder. 0.2 mi. added to bike network.									
	Bridge Replacement														
	MTP Reference: Project ID 203														
	Winchester Pike at Georges Creek, Bridge Replacement, Full replacement of a 3-span, 108 ft, precast box-beam.														
					PE Envir	\$25	Local	PE DD	\$150	Local			ROW	\$60	STBG-M
													ROW	\$15	Local
													Con	\$1,100	STBG-M
													Con	\$275	Local
<b>Total Costs (includes costs prior to SFY18)*:</b>						\$1,625		\$25		\$150					\$1,450

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length											
					Project Type	2018	2019	2020	2021	Future Years**					
					Project Location and Description	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source					
2918	Columbus	98557	E	0.8 mi	FRA-CR003-12.96  Intersection Modification/Sidewalks  Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification & Sidewalks, add turn lanes at the intersection, modify I-70 eastbound ramps and modify access at Feder Rd and Evans Way Ct.	<b>Ped Components:</b> Sidewalk on 2 sides. Add on both sides of Hilliard-Rome south of Feder and fill gaps on side of Feder/Fisher. 0.2 mi. added to ped network.									
						<b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Bicycle lanes. 0.8 mi. added to bike network.									
						<b>MTP Reference:</b> Project ID 604									
						ROW \$1,200 CMAQ-M				Con \$3,000 HSIP					
						ROW \$300 Local				Con \$4,285 CMAQ-M					
										Con \$1,405 Local					
										\$8,690					
						<b>Total Costs (includes costs prior to SFY18)*:</b>	\$10,890	\$1,500							
1256	Franklin County	104708	E	0.02 mi	FRA-CR006-06.26  Turn Lane Addition  Reynoldsburg-New Albany Rd at Clark State Rd (CR-95), Turn Lane Addition, Improve the existing signal and add left-turn lanes on all approaches. Located in Jefferson Township.	<b>Ped Components:</b> Maybe - To be determined.									
						<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Maybe - To be determined.									
						<b>MTP Reference:</b> Project ID 565									
						ROW \$60 HSIP		Con \$720 HSIP							
						ROW \$7 Local		Con \$160 Local							
						<b>Total Costs (includes costs prior to SFY18)*:</b>	\$947	\$67	\$880						
2951	Columbus	99744	E	1.8 mi	FRA-CR014-01.99  Sidewalks/Multi-Use Path  Refugee Road from Winchester Pike to Hamilton Road, Sidewalks & Multi-Use Path, including mid-block crossing at COTA stop.	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. Sidewalk on north side; path on south side. 3.6 mi. added to ped network.									
						<b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. Located on the south side. Connect to the existing path on the east side of Hamilton Rd. 1.8 mi. added to bike network.									
						<b>MTP Reference:</b> Project ID 560									
						ROW \$120 TAP-M		Con \$3,640 TAP-M							
						ROW \$30 Local		Con \$200 STBG-M							
								Con \$960 Local							
						<b>Total Costs (includes costs prior to SFY18)*:</b>	\$4,950	\$150	\$4,800						
2919	Columbus	98518	E	0.1 mi	FRA-CR015-01.65  Intersection Modification/Sidewalks  Livingston Ave at Barnett Rd, Intersection Modification & Sidewalks, Install left turn lanes on Barnett Rd. Reconstruct existing traffic signal.	<b>Ped Components:</b> Sidewalk on 1 side. New sidewalk will be added along the east side of Barnett Rd to the Barnett Community Center. 0.1 mi. added to ped network.									
						<b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> None.									
						<b>MTP Reference:</b> Project ID 605									
						Con \$720 HSIP									
						Con \$311 Local									
						<b>Total Costs (includes costs prior to SFY18)*:</b>	\$1,474	\$1,031							

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### Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

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*\*All Amounts in Thousands*

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Project Type Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
	Project Location and Description								
3373	ODOT 6 FRA-US023D/IR-71-04.41/17.47	105418	E	0 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
	Bridge Deck Replacement								
	S High St & Oak St at I-71, Bridge Deck Replacement,								
								Con \$4,050 Federal Con \$450 State	
	<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$4,500</b>			<b>\$4,500</b>	
872	Franklin County FRA-CR027-07.85	101543	E	0.05 mi	<b>Ped Components:</b> Multi-use path. 0.05 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.05 mi. added to bike network.				
	Bridge Repair								
	Trabue Rd at Buckeye Railroad Yard, E of Hilliard-Rome Rd, Bridge Repair, Rehabilitation of existing structure. Federal/State Exchange Project. Multi-use path on N side for connection to future Columbus path.								
					PE DD \$5 State	Con \$3,877 State Con \$969 Local			
	<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$4,851</b>	<b>\$5</b>	<b>\$4,846</b>		
1149	Hilliard FRA-CR029-Walcutt Rd	NA	E	mi	<b>Ped Components:</b> Yes - Type to be determined. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Yes - Type to be determined.				
	Intersection Modification								
	Scioto Darby Rd at Walcutt Rd, Intersection Modification, A joint project between Hilliard (CIP T-76) and Columbus.								
					PE \$168 Local	PE \$504 Local	ROW \$588 Local	Con \$3,763 Local	
	<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$5,023</b>	<b>\$168</b>	<b>\$504</b>	<b>\$588</b>	<b>\$3,763</b>
2922	ODOT 6 FRA-US033-24.26	98111	SA	1.86 mi	<b>Ped Components:</b> No change to existing conditions. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No change to existing conditions.				
	Major Widening/Resurfacing								
	US-33 from I-270 (SE Outerbelt) to Hamilton Rd (SR-317), Major Widening from 4 lanes to 6 lanes & Resurfacing, Build an auxiliary lane between the ramps for Hamilton Rd and the ramps for EB I-270 in both directions of US-33; widening of Big Walnut Creek bridge; multi-lane resurfacing.								
					Con \$2,833 HSIP Con \$1,920 NHPP Con \$480 State				
	<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$6,182</b>	<b>\$5,232</b>			
3347	Columbus FRA-US033-Livingston Ph C	NA	E	0.43 mi	<b>Ped Components:</b> Modify existing facilities. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Bicycle lanes. 0.43 mi. added to bike network.				
	Bicycle Lanes/Reconstruction								
	Livingston Ave from S 5th St to Kennedy Ave, Bicycle Lanes & Reconstruction, project includes bike lanes, wider sidewalks, street trees, curb extensions for parking and drainage improvements.								
					Con \$14,000 Local				
	<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$14,000</b>	<b>\$14,000</b>			

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					Future Years**
County-Route-Section		Project Type		2018	2019	2020	2021		
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
1146	Franklin County	NA	E	0.5 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 1 mi. added to ped network.				
	FRA-CR037-Leppert Rd			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Multi-use path. 0.5 mi. added to bike network.				
	Minor Widening				<b>MTP Reference:</b> Project ID 9				
	Leppert Rd from Davidson Rd to Hayden Run Rd, Minor Widening from 2 lanes to 3 lanes,				Con \$4,000 Local				
	<b>Total Costs (includes costs prior to SFY18)*:</b> \$4,000				\$4,000				
726	Hilliard	90989	SA	0.11 mi	<b>Ped Components:</b> Multi-use path on 2 sides. Paths along both sides of the street. 0.22 mi. added to ped network.				
	FRA-CR039-00.00			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Multi-use path on 2 sides. Bicycle lanes or wide outside lanes; paths along both sides of the street. 0.11 mi. added to bike network.				
	New Roadway/Realignment				<b>MTP Reference:</b> Project ID 8				
	Cosgray Rd extension from Scioto Darby Rd to Alton & Darby Creek Rd N of Heritage Club Dr, New Roadway, 5 lanes & Realignment, extend Cosgray Road to the south and eliminate the "dog-leg" intersections between Cosgray Rd and Alton & Darby Creek Rd at Scioto Darby Rd. Hilliard CIP T-86.								
		PE DD	\$1,556	Local		ROW \$2,450 Local	Con \$10,991 Local		
	<b>Total Costs (includes costs prior to SFY18)*:</b> \$15,496				\$1,556	\$2,450	\$10,991		
1495	Hilliard	NA	E	1.5 mi	<b>Ped Components:</b> Multi-use path on 2 sides. 3 mi. added to ped network.				
	FRA-CR039-Cosgray Rd			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Multi-use path on 2 sides. 1.5 mi. added to bike network.				
	Multi-Use Path/Resurfacing				<b>MTP Reference:</b> Project IDs 551/ 94				
	Cosgray Rd from Scioto Darby Rd to Baldwin Rd, Multi-Use Path & Resurfacing, improve ditches, conduct minor street & 4' shoulder widening, mill & overlay the street, signing & pavement marking. Hilliard CIP T-84A.								
		PE	\$1,005	Local		ROW \$315 Local	Con \$5,292 Local		
	<b>Total Costs (includes costs prior to SFY18)*:</b> \$6,612				\$1,005	\$315	\$5,292		
2747	ODOT 6	93173	E	0.65 mi	<b>Ped Components:</b> Sidewalk on 2 sides. 1.3 mi. added to ped network.				
	FRA-US040-07.00			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Bicycle lanes. 0.65 mi. added to bike network.				
	Safety Improvement/Reconstruction				<b>MTP Reference:</b> Project ID 204				
	W Broad St from E of Georgesville Rd to 500' E of Wilson Rd, Safety Improvement & Reconstruction, widening for additional median separation (raised curb in places) and positive offset turn lane spacing. Includes resurfacing, drainage, access relocations/closures, removed unwarranted signals, improve signal coordination. (Prelim Dev & DD under PID 20878, assoc PID's 76282 & 83018)								
		ROW	\$2,588	HSIP					
		ROW	\$288	State					
	<b>Total Costs (includes costs prior to SFY18)*:</b> \$5,751				\$2,876				
3018	Columbus	98358	E	0.02 mi	<b>Ped Components:</b> No information provided.				
	FRA-US040-08.64			<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Signals				<b>MTP Reference:</b> Project ID 334				
	W Broad St (US 40) & Sullivant Ave at Hague Ave, Signals, Replace existing traffic signals with new strain poles, 12" LED signal heads, backplates and battery backup. At Sullivant and Hague, revise timing to allow a protected/permitted left turns from Sullivant Ave.								
		Con	\$491	HSIP					
		Con	\$109	Local					
	<b>Total Costs (includes costs prior to SFY18)*:</b> \$601				\$601				

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# Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length										
County-Route-Section		Project Type		2018	2019		2020		2021		Future Years**			
Project Location and Description		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source				
2904	Columbus	97197	E	0.11	mi	Ped Components: Sidewalk on 2 sides. South side - from McNaughten Road to Manor Drive. North side - from the existing sidewalk 250' east of McNaughten Road to the Reynoldsburg corp line. 0.22 mi. added to ped network.								
FRA-US040-22.16		Local Let <input checked="" type="checkbox"/>		Bike Components: None.										
Safety Improvement		MTP Reference: Project ID 772												
E Main St from I-270 to McNaughten Rd, Safety Improvement, Reconstruct signal and convert right-turn lane to a through lane eastbound.														
				Con	\$949	HSIP								
				Con	\$105	Local								
Total Costs (includes costs prior to SFY18)*:		\$1,653		\$1,054										
3386	ODOT	105608	E	0.21	mi	Ped Components: No information provided.								
FRA-US040-24.59		Local Let <input type="checkbox"/>		Bike Components: No information provided.										
Resurfacing		MTP Reference: Project ID 204												
Portions of E Main St & Lancaster Ave, Resurfacing, Unincorporated areas between Reynoldsburg corp limits.														
US 40: E Main St from Walnut St to Estates Ln														
SR-256: Lancaster Ave from S of South St to N of John St														
				Con	\$76	Federal								
				Con	\$13	State								
				Con	\$3	Local								
Total Costs (includes costs prior to SFY18)*:		\$92								\$92				
1150	Hilliard	NA	E		mi	Ped Components: Yes - Type to be determined.								
FRA-CR040-Hayden Run Rd		Local Let <input type="checkbox"/>		Bike Components: Yes - Type to be determined.										
Intersection Modification		MTP Reference: Project ID 272												
Wilcox Rd at Hayden Run Rd, Intersection Modification, CIP #T-137.														
		PE	\$700	Local	ROW	\$450	Local	Con	\$2,750	Local				
Total Costs (includes costs prior to SFY18)*:		\$3,900		\$700		\$450								
3281	Upper Arlington	105816	E	0.9	mi	Ped Components: Modify existing facilities.								
FRA-CR052-02.87		Local Let <input type="checkbox"/>		Bike Components: Bicycle signage. 0.9 mi. added to bike network.										
Reconstruction		MTP Reference: Project ID 204												
Fishinger Rd from Mountview Rd to Tremont Rd, Reconstruction, Phase 1.														
		PE Envir	\$527	Local	PE DD	\$450	Local			Con	\$3,774 STBG-M			
										Con	\$943 Local			
Total Costs (includes costs prior to SFY18)*:		\$5,694		\$527		\$450				\$4,717				
2954	Upper Arlington	99819	E	0.49	mi	Ped Components: ADA curb ramps. Existing sidewalks and curb ramps will be retained.								
FRA-CR058-01.24		Local Let <input type="checkbox"/>		Bike Components: Bicycle signage. Bikes May Use Full Lane signs proposed.										
Reconstruction		MTP Reference: Project ID 204												
Reed Rd from Lane Rd to Henderson Rd, Reconstruction, full-depth replacement of roadway, curb and gutter, driveway aprons, storm sewer structures, and storm sewer crossings. Bus pads & ADA access at bus stops with a bike rack at 1 stop.														
		Con	\$1,125	STBG-M										
		Con	\$281	Local										
Total Costs (includes costs prior to SFY18)*:		\$1,556		\$1,406										

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section		Project Type		2018	2019	2020	2021	Future Years**	
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
1792	ODOT 6 FRA-US062-10.67	90653	E	1.02 mi	<b>Ped Components:</b> Sidewalk on 2 sides. Add 6.5' wide sidewalks. 2.04 mi. added to ped network. <b>Bike Components:</b> None.				
				Local Let <input type="checkbox"/>					
		Minor Widening/Sidewalks					<b>MTP Reference:</b> Project ID 542		
		Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening from 2 lanes to 3 lanes & Sidewalks, Part 1: Reconstruct the roadway to include curb and gutter, storm sewer, sidewalks, bike lanes, and two-way, left turn lane. Part 2: Install storm sewer from Brown Rd to the Columbus Storm Sewer System at Mound St.							
		PE Envir	\$120	NHPP	Con	\$2,700	HSIP		
		PE Envir	\$30	State	Con	\$1,057	SCIP		
		PE DD	\$62	STBG-S	Con	\$320	NHPP		
		PE DD	\$15	State	Con	\$380	State		
		ROW	\$480	STBG-S	Con	\$361	STBG-M		
		ROW	\$120	State	Con	\$90	Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$6,441</b>		<b>\$827</b>		<b>\$4,908</b>			
3333	ODOT 6 FRA-US062-21.81	104946	E	0 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
				Local Let <input type="checkbox"/>					
		Bridge Repair					<b>MTP Reference:</b> Project ID 203		
		US-62 at I-270, Bridge Repair, over IR 270 deck overlay							
							PE Envir	\$110	NHPP
							PE Envir	\$12	State
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$122</b>						<b>\$122</b>	
3315	Grove City FRA-US062-Demorest	NA	E	0.66 mi	<b>Ped Components:</b> Yes - Type to be determined. 0.66 mi. added to ped network. <b>Bike Components:</b> Yes - Type to be determined. 0.66 mi. added to bike network.				
				Local Let <input type="checkbox"/>					
		Intersection Modification					<b>MTP Reference:</b> Project ID 185		
		Broadway at Demorest, Intersection Modification, reconstruction, widening, traffic signal, waterline, storwater, pedestrian/bike facilities and street lighting.							
				PE	\$250	Local	ROW	\$100	Local
							Con	\$1,500	Local
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,850</b>			<b>\$250</b>		<b>\$100</b>	<b>\$1,500</b>	
3359	New Albany FRA-US062-Thiesen Dr	NA	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
				Local Let <input type="checkbox"/>					
		Signalization					<b>MTP Reference:</b> Project ID 185		
		US 62 at Thiesen Dr, Signalization, Install traffic signal.							
				Con	\$350	Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$350</b>		<b>\$350</b>					
3336	ODOT 6 FRA-IR070-00.80/1.41	104970	E	0 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
				Local Let <input type="checkbox"/>					
		Bridge Deck Replacement					<b>MTP Reference:</b> Project ID 203		
		Roberts Rd & Amity Rd at I-70, Bridge Deck Replacement, FRA-70.0.80 under Roberts Rd; FRA-70-1.41 under Amity Rd deck replacements							
		PE Envir	\$631	NHPP			PE DD	\$112	NHPP
		PE Envir	\$70	State			PE DD	\$12	State
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$825</b>			<b>\$701</b>			<b>\$124</b>	

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length										
Project Location and Description	Project Type	2018		2019		2020		2021		Future Years**				
		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source				
1139	ODOT 6 FRA-IR070-03.410	25594	SA	4.19 mi	<b>Ped Components:</b> No change to existing conditions. <b>Bike Components:</b> No change to existing conditions.									
		Local Let <input type="checkbox"/>												
		Major Widening/Resurfacing				<b>MTP Reference:</b> Project ID 884								
I-70 from 0.4 mi W of Alton & Darby Creek Rd to 0.3 mi W of Wilson Rd, Major Widening from 6 lanes to 8 lanes & Resurfacing, add auxiliary lanes from Hilliard-Rome to I-270. Add EB outside lane on I-70 from I-270 to Wilson Rd. Resurfacing to project limits. Overlay one pair of bridges. Redeck/widen 3 pairs of structures. Add noise walls on I-70.														
		Con	\$135	NHPP										
		Con	\$15	State										
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$51,349	\$150											
2571	ODOT 6 FRA-IR070-11.78 (Proj 6)	81828	SA	3.59 mi	<b>Ped Components:</b> Not Applicable. <b>Bike Components:</b> Not applicable.									
		Local Let <input type="checkbox"/>												
		Interchange Modification/Major Widening				<b>MTP Reference:</b> Project ID 189								
I-70/I-71 Innerbelt (Phase 6), Interchange Modification & Major Widening, Upgrade I-70/I-71/SR-315 Interchange. Limits: I-70 from Sullivant Ave to NS/CSX Railroads, IR 71 from Greenlawn Ave to IR 70, SR 315 from IR 70 to Broad St														
					ROW	\$225	NHPP			Con	\$338,000 Unfunded			
					ROW	\$25	State							
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$340,346	\$250	\$338,000										
3295	ODOT 6 FRA-IR070-12.68 (Proj 4R)	105523	SA	1.77 mi	<b>Ped Components:</b> Modify existing facilities.The new Front Street bridge will include 10 foot wide sidewalks. <b>Bike Components:</b> Bicycle lanes.The Fulton Street bike lane will be extended to Front. 0.1 mi. added to bike network.									
		Local Let <input type="checkbox"/>												
		Major Widening/Interchange Modification				<b>MTP Reference:</b> Project IDs 270/ 1117								
I-70/I-71 Innerbelt (Phase 4R), Major Widening & Interchange Modification, Rebuilds 70/71 EB/NB and adds an extra lane through the 70/71 overlap area. Constructs a new ramp onto Fulton St from 70 E and 71 N. Closes the existing ramps from 70 E to Front and 70 E to Livingston eliminating weave with 71N traffic. Widens structure FRA-70-12.82R(70 over Souder). New structures to carry new ramp are FRA-70-1301A, FRA-70-1358A, FRA-70-1373A, FRA-70-1390C, and FRA-71-1518A. Replaces structures: FRA-7013.73R(70 over Short St) and FRA-13.95C (Front St over I-70). Also, reconstructs Livingston between Front and High completing conversion to two way traffic. Converts Front St to two way traffic between Livingston and Mound. Reconstructs Fulton between Front and High.														
						Con	\$87,300	Federal						
						Con	\$9,700	State						
						Con	\$2,532	STBG-M						
						Con	\$633	Local						
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$100,165	\$100,165											
3207	ODOT 6 FRA-IR070-12.89 Cols Powr	103184	E	1.63 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.									
		Local Let <input type="checkbox"/>												
		Utility Relocation				<b>MTP Reference:</b> Project ID 204								
I-70/I-71 Innerbelt (Columbus Power), Utility Relocation, I-70 Souder to CSX/NS RR; I-71 Greenlawn to I-70. Relocate City of Columbus power line in advance of FRA-70-12.68 (Prj 4A), PID 77372.														
		Con	\$2,847	NHPP										
		Con	\$712	State										
		Con	\$173	Local										
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$3,732	\$3,732											

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length										
County-Route-Section		Project Type		2018		2019		2020		2021		Future Years**		
Project Location and Description				Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		
2874	ODOT 6	96053	SA	0.73	mi	<b>Ped Components:</b> Modify existing facilities. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized intersections.								
FRA-IR070-14.00 (Ph 4B)		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Bicycle lanes. Locations of bike lanes and bike-activated signal loop detectors will be coordinated with Columbus.										
Major Widening/Bridge Replacement						<b>MTP Reference:</b> Project ID 270								
I-70/I-71 Innerbelt (Phase 4B), Major Widening & Bridge Replacement, Replace pavement on I-70 from Front to Grant. Replace pavement on 3rd & 4th St from Livingston to Fulton. 3rd & 4th St bridge replacements and 5 retaining walls. PE DD under PID 77372.														
				ROW	\$225	NHPP							Con \$73,000	Unfunded
				ROW	\$25	State							Con \$1,261	STBG-M
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$78,346</b>	\$250									\$74,261
3293	ODOT 6	105322	SA	2.68	mi	<b>Ped Components:</b> Modify existing facilities. A sidewalk extension will be installed along the north leg of the Fulton and 4th St intersection.								
FRA-IR070-14.30 (Proj 2E)		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Bicycle lanes. Fulton St bike lane will be extended from 4th to High. 0.2 mi. added to bike network.										
Major Widening/Interchange Modification						<b>MTP Reference:</b> Project ID 1117								
I-70/I-71 Innerbelt (Phase 2E), Major Widening & Interchange Modification, Reconstruct & widen portions of I-70 EB & WB between 4th St and Miller Ave to include ramps from Fulton Ave to I-70 EB & I-70 EB to Parsons Ave. Reconstruct Mooberry St from Parsons Ave to 18th St & Fulton St between 3rd St & 4th St. Reconstruct structures FRA-70-14.61, FRA-70-14.79 R, and FRA 70-14.93L&R. Construct 8 retaining walls.														
					Con \$60,300	Federal								
					Con \$6,700	State								
					Con \$400	STBG-M								
					Con \$100	Local								
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$67,500</b>	\$67,500									
2452	ODOT 6	88035	SA	1.26	mi	<b>Ped Components:</b> Maybe - To be determined.								
FRA-IR070-15.29 (Proj 5)		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Maybe - To be determined.										
Major Widening/Bridge Reconstruction						<b>MTP Reference:</b> Project ID 271								
I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening & Bridge Reconstruction, Reconstruct I-70 including overhead structures in accordance with the Columbus Crossroads study and environmental assessment. Tentative 4 to 5 through lanes. Includes City Streets are Mooberry, Cole, Crossings: Ohio, Champion, Linwood, Miller, Kelton. Underpass: Fairwood														
				ROW	\$450	IM							Con \$94,100	Unfunded
				ROW	\$50	State								
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$100,115</b>	\$500									\$94,100
3089	ODOT 6	98232	SA	2.37	mi	<b>Ped Components:</b> No information provided.								
FRA-IR070-22.85 (FEF-1B&C)		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> No information provided.										
Interchange Modification						<b>MTP Reference:</b> Project ID 135								
I-70 at I-270 (East Outerbelt), Interchange Modification, Provide additional westbound lanes and reconstruct the IR 70 WB to IR 270 NB ramp. Upgrade IR 70/Brice Rd interchange and Brice Rd. Phases 2 & 3 of the Far East Freeway project.														
				PE DD	\$5,600	Federal							Con \$71,797	Unfunded
				PE DD	\$1,400	State								
<b>Total Costs (includes costs prior to SFY18)*:</b>				<b>\$78,797</b>	\$7,000									\$71,797

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length						
County-Route-Section					Project Type	2018	2019	2020	2021	Future Years**
Project Location and Description						Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
2644	ODOT 6	93496	SA	5.29 mi		<b>Ped Components:</b> No change to existing conditions.				
	FRA-IR071-0.00				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No change to existing conditions.				
	Major Widening/Bridge Deck Replace								<b>MTP Reference:</b> Project IDs 376/ 204	
	I-71 from Pickaway Co Line to SR-665, Major Widening from 4 lanes to 6 lanes & Bridge Deck Replace, Major rehabilitation. Re-deck 3 pairs of mainline structures.									
						Con \$48,539 GARVEE	Con \$600 State			
						Con \$13,391 State				
<b>Total Costs (includes costs prior to SFY18)*: \$66,262</b>						\$61,930	\$600			
2447	ODOT 6	84868	SA	4.45 mi		<b>Ped Components:</b> No change to existing conditions.				
	FRA-IR071-05.290				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No change to existing conditions.				
	Major Widening/Bridge Deck Replace								<b>MTP Reference:</b> Project ID 533	
	I-71 from SR-665 to Stringtown Rd, Major Widening from 4 lanes to 6 lanes & Bridge Deck Replace, major rehabilitation and additional third lane widened to the median of I-71. Re-deck and widen structures over White Rd.									
						Con \$300 NHPP				
						Con \$75 State				
<b>Total Costs (includes costs prior to SFY18)*: \$43,493</b>						\$375				
3330	ODOT 6	104799	SA	5.56 mi		<b>Ped Components:</b> Other. Plan to accommodate future shared-use paths along Frank Rd and Greenlawn Ave under I-71.				
	FRA-IR071-09.62/09.71				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Other. Plan to accommodate future shared-use paths along Frank Rd and Greenlawn Ave under I-71.				
	Major Widening/Interchange Modification								<b>MTP Reference:</b> Project IDs 374/ 178	
	I-71 from Stringtown Rd to SR-315, Major Widening from 6 lanes to 8 lanes & Interchange Modification, includes re-deck & rehab 5 pairs of mainline structures. Part 2: Construct new I-71 SB to Stringtown exit by separating mainline and exiting traffic.									
						Con \$103,269 GARVEE	Con \$1,500 State			
						Con \$8,798 NHPP				
						Con \$10,182 State				
<b>Total Costs (includes costs prior to SFY18)*: \$124,124</b>						\$122,249	\$1,500			
3294	ODOT 6	105453	SA	0.69 mi		<b>Ped Components:</b> Sidewalk on 1 side. Sidewalks will be extended from Long to Broad along Lester Dr and Elijah Pierce Ave. Wider sidewalks on both sides of the new Broad St bridge. 0.6 mi. added to ped network.				
	FRA-IR071-17.46 (Proj 3B)				<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> Bicycle lanes. Bike lanes along Lester Dr and Elijah Pierce Ave will be extended from Long St to Broad St. New Broad St bridge will accommodate new bike lanes. 0.6 mi. added to bike network.				
	Major Widening/New Roadway								<b>MTP Reference:</b> Project ID 126	
	I-70/I-71 Innerbelt (Phase 3B), Major Widening & New Roadway, Reconstruct & widen I-71 from Broad St to Long St & the Broad St bridge over I-71. Build Lester Dr and Elijah Pierce Ave between Broad St & Long St. Includes retaining walls N5 and N6 and the Columbus sanitary siphon. Eliminates two existing ramps.									
						Con \$39,843 Federal				
						Con \$4,427 State				
						Con \$1,471 STBG-M				
						Con \$368 Local				
<b>Total Costs (includes costs prior to SFY18)*: \$46,109</b>							\$46,109			

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**	
Project Location and Description					Project Type		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
1272	Worthington FRA-CR084-01.36	95516	SA	0.29 mi	Local Let	<input type="checkbox"/>	<b>Ped Components:</b> Multi-use path. 0.29 mi. added to ped network.		<b>Bike Components:</b> Multi-use path. 0.29 mi. added to bike network.					
Major Widening/Intersection Modification							<b>MTP Reference:</b> Project ID 69							
Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening from 2 lanes to 4 lanes & Intersection Modification, also known as the Northeast Gateway.							ROW \$2,142 STBG-M				Con \$8,667 STBG-M			
					ROW \$786 Local								Con \$2,167 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$14,961		\$2,928						\$10,834	
2942	Columbus FRA-CR103-02.56	99852	SA	1.6 mi	Local Let	<input checked="" type="checkbox"/>	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 5' sidewalks on W side of Hamilton and S side of Morse. 3.2 mi. added to ped network.		<b>Bike Components:</b> Multi-use path. 10' paths on E side of Hamilton and N side of Morse. 1.6 mi. added to bike network.					
Major Widening/Intersection Modification							<b>MTP Reference:</b> Project IDs 549/ 54							
N Hamilton Rd from Morse Rd to Preserve Blvd, Major Widening from 3 lanes to 5 lanes & Intersection Modification, with widening of Morse from Hamilton to Trellis Ln/Underwood Farms Blvd to match the 3-lane cross-section of Morse to be constructed prior.											Con \$14,614 STBG-M			
											Con \$3,653 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$28,166						\$18,267			
3079	ODOT 6 FRA-SR104-07.57	99885	E	0.61 mi	Local Let	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		<b>Bike Components:</b> No information provided.					
Intersection Modification							<b>MTP Reference:</b> Project IDs 385/ 204							
Jackson Pk (SR-104) at Frank Rd/I-71, Intersection Modification, This project will realign SR-104 beginning 0.5 mi south of the existing interchange through the interchange to the bridge over the Scioto River. Existing braided ramps will be eliminated as the interchange is reconfigured.							Con \$3,353 HSIP							
							Con \$373 State							
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$5,677		\$3,726							
3390	Franklin County FRA-CR122-Rohr Rd	NA	E	mi	Local Let	<input type="checkbox"/>	<b>Ped Components:</b> Pedestrian detectors.		<b>Bike Components:</b> Other.					
Intersection Modification							<b>MTP Reference:</b> Project ID 185							
Alum Creek Dr at Rohr Rd, Intersection Modification, includes 4' paved shoulder and grading for future sidewalk/multi-use path.							Con \$1,200 Local							
							\$1,200							
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$1,200									
3326	Columbus FRA-SR161-Cleveland Ave	104709	E	0.2 mi	Local Let	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		<b>Bike Components:</b> No information provided.					
Intersection Modification							<b>MTP Reference:</b> Project ID 185							
SR-161 at Cleveland Ave, Intersection Modification, Install a pre-signal at the north service road to allow eastbound right turns safer access to the southbound left turn lane of Cleveland Avenue. Remove part of the median on the north leg of Cleveland Avenue allowing the southbound left turn lane to shift east.							Con \$340 HSIP							
							Con \$72 Local							
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$412		\$412							

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length						
					2018	2019	2020	2021	Future Years**	
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3358	New Albany FRA-SR161-US 62	NA	E	mi	Ped Components: No information provided.					
					Local Let <input type="checkbox"/> Bike Components: No information provided.					
	Intersection Modification				MTP Reference: Project ID 185					
	SR 161 at US 62, Intersection Modification, addition of a lane on the SR-161 off ramp at US 62, and other intersection modifications.									
					Con	\$1,000	Local			
Total Costs (includes costs prior to SFY18)*:		\$1,000			\$1,000					
3364	New Albany FRA-SR161-US 62	NA	E	mi	Ped Components: No information provided.					
					Local Let <input type="checkbox"/> Bike Components: No information provided.					
	Intersection Modification				MTP Reference: Project ID 185					
	SR 161 at US 62, Intersection Modification, addition of a lane to the westbound on ramp of SR161, and other intersection modifications.									
					Con	\$1,000	Local			
Total Costs (includes costs prior to SFY18)*:		\$1,000			\$1,000					
1722	Grove City FRA-TR266-Borror Ph 1	NA	E	0.28 mi	Ped Components: Not Applicable.					
					Local Let <input type="checkbox"/> Bike Components: Not Applicable.					
	Reconstruction				MTP Reference: Project IDs 204/ 185					
	Borror Rd from Quail Creek Blvd to Buckeye Pkwy, Reconstruction, including traffic improvements (e.g. roundabout or signalized intersection) and waterline, stormwater, pedestrian/bike facilities and street lighting. Phase 1 of 2. See MORPC ID 3318.									
					ROW	\$75	Local	Con	\$2,400	
Total Costs (includes costs prior to SFY18)*:		\$2,650			\$75			\$2,400		
3318	Grove City FRA-TR266-Borror Ph 2	NA	E	0.66 mi	Ped Components: No information provided.					
					Local Let <input type="checkbox"/> Bike Components: No information provided.					
	Reconstruction				MTP Reference: Project ID 204					
	Borror Rd from Buckeye Pkwy to 3500' E, Reconstruction, includes waterline, stormwater, pedestrian/bike facilities and street lighting. The project will emphasize pedestrian/bicycle connectivity from residential neighborhoods along Buckeye Pkwy to the E (Scioto Grove Metro Park). Phase 2 of 2. See MORPC ID 1722.									
					PE DD	\$250	Local	ROW	\$100	
Total Costs (includes costs prior to SFY18)*:		\$4,850						Con	\$4,500	
3323	ODOT 6 FRA-IR270/670/US23D-18.56/0.31/2.82	104673	E	0 mi	Ped Components: No information provided.					
					Local Let <input type="checkbox"/> Bike Components: No information provided.					
	Bridge Maintenance Activities				MTP Reference: Project ID 203					
	Locations on I-270, I-670 & N 3rd St (US-23D), Bridge Maintenance Activities, I-270 (South Outerbelt) EB & WB over Scioto River: seal decks with SRS sealer. I-670 over US 33 & Scioto River, N 3rd St over RR yards & Goodale St: seal decks with HMWM sealer. I-270 over SR-745, Scioto River & SR-257:									
					PE DD	\$9	NHPP			
					PE DD	\$1	State			
					Con	\$396	NHPP			
					Con	\$59	State			
Total Costs (includes costs prior to SFY18)*:		\$465			\$465					

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# Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length								
County-Route-Section		Project Type		2018		2019		2020		2021		Future Years**
Project Location and Description				Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
3338	ODOT 6	104976	E	0 mi	<b>Ped Components:</b>	No information provided.						
FRA-IR270-0.96/1.52		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b>		No information provided.						
Bridge Replacement										<b>MTP Reference:</b> Project ID 203		
Gantz Rd & McComb Rd at I-270, Bridge Replacement, Replace bridge decks on FRA-270-0.96 (Gantz Rd over IR 270); FRA-270-1.52 (McComb Rd over IR 270).												
				PE Envir	\$429	NHPP			PE DD		\$76	NHPP
				PE Envir	\$48	State			PE DD		\$8	State
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$561</b>				<b>\$477</b>				<b>\$84</b>		
3339	ODOT 6	104977	E	0 mi	<b>Ped Components:</b>	No information provided.						
FRA-IR270-06.17		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b>		No information provided.						
Bridge Replacement										<b>MTP Reference:</b> Project ID 203		
Sullivant Ave at I-270, Bridge Replacement, Sullivant Ave over IR 270 deck replacement												
				PE Envir	\$329	NHPP			PE DD		\$58	NHPP
				PE Envir	\$37	State			PE DD		\$6	State
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$429</b>				<b>\$365</b>				<b>\$64</b>		
2672	ODOT 6	76469	SA	7.94 mi	<b>Ped Components:</b>	No change to existing conditions.						
FRA-IR270-09.15		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b>		No change to existing conditions.						
Major Widening/Minor Pavement Rehabilitation										<b>MTP Reference:</b> Project IDs 375/ 204		
I-270 (West Outerbelt) from I-70 to US-33, Major Widening from 6 lanes to 8 lanes & Minor Pavement Rehabilitation, add one lane in each direction, 3.5" overlay, joint repair, signs, guardrail, drainage, lighting. Work on five pairs of mainline structures.												
		Con	\$29	State			Con	\$300	State			
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$70,462</b>		<b>\$29</b>		<b>\$300</b>						

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# Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length						
					2018	2019	2020	2021	Future Years**	
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
1946	ODOT 6	88310	SA	4.76 mi	<b>Ped Components:</b> No change to existing conditions. The multi-use path stub just north of Post Road and under I-270 will remain in its current location and be maintained for future use.					
FRA-IR270-17.29					<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No change to existing conditions. The multi-use path stub just north of Post Road and under I-270 will remain in its current location and be maintained for future use.				
Interchange Modification					MTP Reference: Project ID 239					
I-270 at US-33/SR-161, Interchange Modification, interchange reconstruction and expansion.										
					Pay \$508 STBG-M	Pay \$523 STBG-M	Pay \$539 STBG-M	Pay \$555 STBG-M	Pay \$581 STBG-M	
					Pay \$515 STBG-M	Pay \$531 STBG-M	Pay \$547 STBG-M	Pay \$564 STBG-M	Pay \$572 STBG-M	
					Pay (\$508) Local-Pay	Pay (\$523) Local-Pay	Pay (\$539) Local-Pay	Pay (\$555) Local-Pay	Pay (\$572) Local-Pay	
					Pay (\$515) Local-Pay	Pay (\$531) Local-Pay	Pay (\$547) Local-Pay	Pay (\$564) Local-Pay	Pay (\$581) Local-Pay	
									Pay \$598 STBG-M	
									Pay \$589 STBG-M	
									Pay (\$598) Local-Pay	
									Pay (\$589) Local-Pay	
									Pay \$607 STBG-M	
									Pay \$616 STBG-M	
									Pay (\$607) Local-Pay	
									Pay (\$616) Local-Pay	
									Pay \$625 STBG-M	
									Pay \$635 STBG-M	
									Pay (\$625) Local-Pay	
									Pay (\$635) Local-Pay	
									Pay \$644 STBG-M	
									Pay \$654 STBG-M	
									Pay (\$654) Local-Pay	
									Pay (\$644) Local-Pay	
									Pay \$664 STBG-M	
									Pay \$674 STBG-M	
									Pay (\$664) Local-Pay	
									Pay (\$674) Local-Pay	
									Pay \$684 STBG-M	
									Pay \$694 STBG-M	
									Pay (\$684) Local-Pay	
									Pay (\$694) Local-Pay	
									Pay \$715 STBG-M	
									Pay \$705 STBG-M	
									Pay (\$715) Local-Pay	
									Pay (\$705) Local-Pay	
									Pay \$726 STBG-M	
									Pay \$737 STBG-M	
									Pay (\$737) Local-Pay	
									Pay (\$726) Local-Pay	
									Pay \$748 STBG-M	
									Pay \$759 STBG-M	
									Pay (\$748) Local-Pay	
									Pay (\$759) Local-Pay	
									Pay \$782 STBG-M	
									Pay \$770 STBG-M	
									Pay (\$770) Local-Pay	

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section					2018	2019	2020	2021	Future Years**
Project Location and Description					Project Type	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
I-270 at US-33/SR-161, Interchange Modification, interchange reconstruction and expansion.									
									Pay (\$782) Local-Pay
									Pay (\$806) STBG-M
									Pay (\$794) STBG-M
									Pay (\$806) Local-Pay
									Pay (\$794) Local-Pay
									Pay (\$818) STBG-M
									Pay (\$830) STBG-M
									Pay (\$818) Local-Pay
									Pay (\$830) Local-Pay
									Pay (\$842) STBG-M
									Pay (\$855) STBG-M
									Pay (\$842) Local-Pay
									Pay (\$855) Local-Pay
Total Costs (includes costs prior to SFY18)*:					\$93,590	\$0	\$0	\$0	\$0
1890	ODOT 6	86067	E	3.51 mi	Ped Components:	No information provided.			
FRA-IR270-36.94					Local Let <input type="checkbox"/>	Bike Components: No information provided.			
Reconstruction					MTP Reference: Project ID 204				
I-270 from 0.36 mi W of Hamilton Rd to 0.92 mi S of Broad St, Reconstruction, Upgrade interchange ramp geometrics. Provide vertical and horizontal clearance on bridges. Widen shoulders to accommodate bus bypass lanes if warranted.									
							Con \$67,743 IM		
							Con \$7,527 State		
Total Costs (includes costs prior to SFY18)*:					\$79,539		\$75,270		
3337	ODOT 6	104971	E	mi	Ped Components:	No information provided.			
FRA-IR270-47.32					Local Let <input type="checkbox"/>	Bike Components: No information provided.			
Bridge Deck Replacement					MTP Reference: Project ID 203				
Williams Rd at I-270, Bridge Deck Replacement,									
					PE Envir \$227 NHPP		PE DD \$41 NHPP		
					PE Envir \$25 State		PE DD \$5 State		
Total Costs (includes costs prior to SFY18)*:					\$297	\$252		\$45	
3380	ODOT 6	105427	E	mi	Ped Components:	No information provided.			
FRA-SR315-01.14					Local Let <input type="checkbox"/>	Bike Components: No information provided.			
Bridge Repair					MTP Reference: Project ID 203				
SR-315 from US 33 to I-670, Bridge Repair, Placing epoxy overlay on the following bridge decks: FRA-315-2.16, FRA-315-2.17, FRA-315-1.95B, FRA-315-1.97B, FRA-315-1.34, FRA-315-1.34A, FRA-315-1.14.									
							Con \$800 Federal		
							Con \$200 State		
Total Costs (includes costs prior to SFY18)*:					\$1,000			\$1,000	

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# Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length						
					2018	2019	2020	2021	Future Years**	
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3332	ODOT 6 FRA-SR315-02.78	104848	E	0 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.					
Bridge Repair					<b>MTP Reference:</b> Project ID 203					
SR-315 at Fifth Ave, King Ave & Olentangy River, Bridge Repair, structure/deck patching with concrete and epoxy over Olentangy River, Fifth Ave, King Ave.										
					PE Envir	\$54 NHPP				
					PE Envir	\$14 State				
					PE DD	\$10 NHPP				
					PE DD	\$2 State				
					Con	\$440 NHPP				
					Con	\$110 State				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$630</b>	<b>\$630</b>				
1565	Columbus FRA-SR317-10.63	95570	E	1.79 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. A 6' wide sidewalk on the east side of the road and a 10' path on the west. 3.58 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. A 10' wide asphalt path along the west side of the road. 1.79 mi. added to bike network.					
Safety Improvement/Multi-Use Path					<b>MTP Reference:</b> Project ID 79					
S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement & Multi-Use Path, roundabout proposed at Kimberly Pwy, replacement of structure over Miller Ditch, safety improvements at other intersections, add curb & gutter, lighting, mast arms. (Southern boundary also referred to as Helsel Park or Big Walnut Creek.)										
					ROW	\$260 HSIP	Con	\$1,574 HSIP	Con \$12,158 STBG-M	
					ROW	\$1,600 STBG-M	Con	\$1,152 NHPP	Con \$3,040 Local	
					ROW	\$429 Local	Con	\$288 State		
							Con	\$393 Local		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$22,294</b>	<b>\$2,289</b>	<b>\$3,407</b>		<b>\$15,198</b>	
3394	Franklin County FRA-SR317-Rohr Rd	NA	E	mi	<b>Ped Components:</b> Pedestrian detectors. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Other.					
Intersection Modification					<b>MTP Reference:</b> Project ID 185					
London-Groveport Rd at Rohr Rd, Intersection Modification, including 4-foot paved shoulder, pedestrian buttons, and grading for a future sidewalk/multi-use path.										
						Con	\$1,400 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,400</b>	<b>\$1,400</b>				
1170	Franklin County FRA-CR546-12.90	103810	E	0.02 mi	<b>Ped Components:</b> Maybe - To be determined. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Maybe - To be determined.					
Bridge Repair					<b>MTP Reference:</b> Project ID 203					
E Dublin-Granville Rd at Rocky Fork Creek, Bridge Repair, Rehabilitate structure. Structure may be widened to accommodate a bike lane/MUP and roadway profile may need to be adjusted to minimize floodplain impacts. Approved for the Simplified Bridge Process.										
					PE DD	\$2 State		Con	\$1,081 State	
								Con	\$270 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$1,353</b>	<b>\$2</b>		<b>\$1,351</b>		

\*All Amounts in Thousands

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## Detailed Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section					2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3363	New Albany	NA	E	mi	Ped Components: No information provided.				
	LIC-Jug St-Phase 2				Local Let <input type="checkbox"/>	Bike Components: Bicycle lanes.			
	Reconstruction								MTP Reference: Project ID 204
	Jug St from Beech Rd to Harrison Rd, Reconstruction, also with storm sewer and drainage improvements.								
					Con \$2,000 Local				
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$2,000</b>			<b>\$2,000</b>				
1965	Pataskala	95233	E	1.64 mi	Ped Components: Widen shoulder. Add new 4' shoulders.				
	LIC-CR041-07.47				Local Let <input type="checkbox"/>	Bike Components: Widen shoulder. Add new 4' shoulders. 1.64 mi. added to bike network.			
	Reconstruction								MTP Reference: Project ID 204
	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction, with shoulders widened (4' paved and 4' graded on each side).								
					ROW \$460 STBG-M				
					ROW \$115 Local				
					Con \$14 HP				
					Con \$3,680 STBG-M				
					Con \$920 Local				
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$8,966</b>		<b>\$5,188</b>					
3374	ODOT 6	105438	E	31.37 mi	Ped Components: No information provided.				
	LOG-US033-Smart Mobil Ph2				Local Let <input type="checkbox"/>	Bike Components: No information provided.			
	Intelligent Vehicle Systems								MTP Reference: Project ID 334
	US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems, Install conduit and fiber optics from East Liberty (SR 347) to Dublin (Avery Rd) along county roads and city streets along the US 33 corridor. Includes installation of roadside and in-vehicle communication equipment.								
					Purch \$2,090 Federal				
					Other \$867 Federal				
					Purch \$2,600 Private				
					Other \$775 Local				
					Other \$100 Private				
					Con \$3,041 Federal				
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$9,473</b>		<b>\$9,473</b>					

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## Statewide Line Items

Projects and programs that meet certain criteria are not required to be listed individually in the TIP. Instead, they may be grouped together by function, work type, and/or geographic area into statewide line items (SLIs). Table 16 provides the current list and descriptions of the SLIs, which are included in the fiscally constrained TIP. Monetary line item amounts are reflected in the Statewide Transportation Improvement Program (STIP). The requirement that federal funds for an activity must be included in the TIP can be met if it is associated with a corresponding SLI.

All preservation projects and safety projects that meet the line item criteria below are included in the TIP via statewide line item. ODOT provided a list of projects included in the 2018-2021 TIP via line item for informational purposes for the Public Involvement Period. This statewide line item project list is an informational document only (not part of the official STIP project list) and will provide greater transparency to our transportation partners and the general public as to the maintenance and transportation activities that are scheduled during the TIP period. The use of statewide line items will significantly decrease the size of and the need for urgent TIP amendments and provide greater flexibility in the various programs.

When utilizing a statewide line item, the processes and criteria below should be followed and met (refer to 23 CFR 450.326(h) and 40 CFR 93.101 for additional guidance).

- Projects considered for statewide line item usage must meet the following criteria:
  - Not regionally significant (23 CFR 450.216(h), 40 CFR 93.101)
  - Air quality status of exempt
  - Environmental document type of CE 2 or below
  - Non-capacity adding
  - Consistent with ODOT's and MORPC's transportation plans
- A project/phase utilizing a statewide line item does not require a STIP/TIP amendment or a modification.
- Statewide line items are governed by the thresholds of the amendment process in Appendix D. If a statewide line item estimate as a whole reaches the threshold, then an amendment would need to be completed to raise that statewide line item estimate. ODOT's Office of Program Management will monitor the thresholds for each line item. Note: the thresholds are not based on individual projects, but on each individual statewide line item.
- When requesting use of a statewide line item on a phase of a project, the ODOT District is to coordinate the request with the Program Manager, MORPC, and STIP Coordinator.
- The STIP Coordinator will update Ellis with the statewide line item reference ID and notify the Project Manager, ODOT District, and MPO.



STIP REFERENCE ID	PROGRAM	DEFINITION	TOTAL TIP PROGRAM COST 2018-2021
SLI 02	APPALACHIAN DEVELOPMENT LOCAL ACCESS	Local governments in eligible Appalachian Regional Council counties may apply for funding for local access roads serving industrial, commercial, residential, recreational and educational areas; funds may pay for preliminary engineering, right of way and/or construction which will improve economic development opportunities.	\$0
SLI 06	CEAO PROGRAM ADMINISTRATION	ODOT allocates federal funds to the counties for safety and preservation programs. This covers the County Engineers Association of Ohio's costs for administrating the program.	\$0
SLI 07	EMERGENCY RELIEF PROJECTS	ODOT emergency category A, B, or C projects; these projects are usually weather related and require prompt action	\$0
SLI 09	FEDERAL DISCRETIONARY PROGRAMS AND EARMARKS	Programs funded on the national level by discretionary award and/or earmarks (e.g. interstate maintenance, covered bridge, ferry boat, innovative bridge)	\$0
SLI 11	GEOLOGIC SITE ASSESSMENT	ODOT provides construction funding for the remediation of landslide, rock fall, underground mine, erosion and sinkhole sites. Eligible activities include both preventive site mitigation and reactive repair. To be eligible, a project must be identified on the District Geologic Site Inventory and have undergone a Cost to Benefit analysis to determine if the site is a viable project.	\$0
SLI 12	HIGHWAY MAINTENANCE ACTIVITIES	ODOT completes numerous small projects which are planned, designed, and constructed quickly to maintain the highway system (e.g., mowing, lighting, signing, guardrail, city maintenance contracts, spot safety improvements, traffic signals, patching and pavement markings, shoulder work, spot pavement repair).	\$0
SLI 15	HIGHWAY SAFETY PROGRAM	Highway Safety - ODOT targets specific safety concerns for hazard elimination (e.g., vertical and horizontal alignment, signalizations, intersection channelization)	\$0
SLI 16	LOCAL GOVERNMENT PROGRAMS	Local Government Programs - numerous small projects which are planned, designed, and constructed quickly to maintain the local systems (includes eligible Ohio Bridge Partnership Program projects and CEAO task order funded projects).	\$0
SLI 17	LOCAL PLANNING AGENCIES	ODOT and Local Planning Agencies sponsor transportation planning studies and programs financed consistent with the provisions of 23 USC 133. Planning studies and programs may be within Ohio Metropolitan Planning Organizations and Regional Transportation Planning Organizations. Includes Rideshare and Air Quality Awareness Programs.	\$0
SLI 18	RECREATIONAL TRAILS PROGRAM	Recreational Trails Program is a federally funded program coordinated by the Ohio Department of Natural Resources. Funding goes to projects that create and maintain trails and trail support facilities, improve access for people with disabilities and provide education about trail safety and the environment.	\$0
SLI 21	RAIL HIGHWAY CROSSING SAFETY	Rail Highway Crossing Safety program funds rail grade crossing protection improvements. Projects are selected by Ohio Rail Development Commission and the Ohio Public Utilities Commission with the work being performed by the railroad companies.	\$0
SLI 23	RIGHT-OF-WAY HARDSHIP AND PROTECTIVE BUYING	Right-of-way Hardship and Protective Buying - Prior to the completion of a transportation system improvement environmental assessment which would determine exactly which properties need to be purchased under the right-of-way phase, an individual property becomes available. When ODOT is reasonably certain the property will be required for the planned improvement the property may be purchased ahead of the complete right-of-way plan approval.	\$0
SLI 24	SAFE ROUTES TO SCHOOL	This program includes activities which improve the ability of primary and middle school students to walk and bicycle to school safely. Projects can be either engineering (e.g., improve crossings, sidewalks) or non-engineering (education and encouraging programs).	\$0
SLI 25	ENHANCED MOBILITY FOR SENIORS AND INDIVIDUALS WITH DISABILITIES (5310)	ODOT provides funding, vehicles, and related equipment for special services for the elderly and people with disabilities. The local agencies which participate in this program operate on calendar year basis and the federal program funding appropriations are made on an annual basis. (Rural & Small Urban)	\$0
SLI 26	TRANSPORTATION ALTERNATIVES PROGRAM	The Transportation Alternatives Program (TAP) provides funds for projects that support transportation by improving non-motorized transportation facilities, historic preservation, scenic and environmental aspects.	\$0
SLI 27	DEISEL EMISSIONS REDUCTION GRANT PROGRAM	Ohio EPA administers the DERG program. This is a biennium budget focused on reducing mobile source diesel emissions. Phase Type Other.	\$0
SLI 28	NOISE WALL PROGRAM	ODOT allocates design and construction funding for Type II noise walls (new noise walls for communities that predate the freeway and desire a noise wall) and noise wall maintenance/replacement projects.	\$0
SLI 29	BUS & BUS FACILITIES (5339)	Capital funding to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities for both small urban and rural transit systems (Rural & Small Urban)	\$0
SLI 30	EASTERN FEDERAL LANDS HIGHWAY DIVISION	The Eastern Federal Lands Highway Divisions (EFLHD) develops and administers transportation projects that provide access to, are adjacent to, or are located within federal lands.	\$0
SLI 31	RURAL TRANSIT PROGRAM (5311)	Federal funds provided for the purpose of supporting public transportation in rural areas with population of less than 50,000. ODOT applies for these funds on behalf of the rural transit systems. (Rural Line Item)	\$0
SLI 32	PRESERVATION	ODOT completes numerous vital projects to maintain Ohio's transportation system (e.g., pavement rehabilitation, resurfacing, bridge replacement, bridge inspections and maintenance, bridge and pavement repair, bridge painting and sealing, culverts, raised pavement markers, striping)	\$0
SLI 34	OHIO RAIL FIXED GUIDWAY SYSTEM SAFETY & SECURITY OVERSIGHT	The ODOT Rail Fixed Guideway Safety and Security Oversight (SSO) Program is required by FTA in 49 CFR Part 659 to provide safety and security oversight for Ohio passenger rail systems not regulated by FRA. The ODOT SSO program is designed to be cooperative with the Ohio Regional Transit Authorities and with the FTA SSO program in order to encourage the efficient and	\$0



STIP REFERENCE ID	PROGRAM	DEFINITION	TOTAL TIP PROGRAM COST 2018-2021
	PROGRAM (5329)	effective management of safety and security risk.	
SLI 36	BUS & BUS FACILITIES 5339(b)	Discretionary funding to replace buses for 33 of Ohio's rural transit systems.	\$0
SLI 37	FREIGHT RAIL DEVELOPMENT	The Ohio Rail Development Commission (ORDC) provides assistance to railroads, companies and communities for rail and rail-related infrastructure. The goal of this program is to promote the retention and development of Ohio companies through the use of effective rail transportation.	\$0
SLI 99	STATE FUNDED PROGRAMS	Miscellaneous State Funded Programs: Parks, Geological Site Management Equipment, Unrestricted state Revenue, Unmanned Aerial, Storm Water Mitigation, and Lands & Buildings.	\$0
<p>The Total Project Cost (\$0) represents the total amount of MORPC-attributable funding that is set aside for line item use. MORPC has not set aside any funding for line items. Projects using MORPC-attributable funding are listed individually in the TIP.</p>			



# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
Project Location and Description									
2018		2019		2020		2021		Future Years**	
Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
3252	ODOT 5	101430	E	85.68	mi	MTP Reference:		Project ID 203	
D05-BR Cleaning FY21/22-				Local Let		Ped Components:		No information provided.	
Statewide Line Item: 032 - Preservation						Bike Components: No information provided.			
Project Type: Bridge Cleaning									
District 5 Bridge Cleaning FY21/22, Bridge Cleaning, Districtwide priority route bridge cleaning project. Includes the bridge items (abutment, breainings, seats, backwalls, piers, scuppers, and expansion joints.)									
		PE Envir	\$1	State		Con	\$646	NHPP	
						Con	\$242	State	
		\$1				\$889			
Total Costs (includes costs prior to SFY18)*: \$889									
3181	ODOT 5	101428	E		mi	MTP Reference:		Project ID 203	
D05-Br Cleaning-FY19/20				Local Let		Ped Components:		No information provided.	
Statewide Line Item: 012 - Highway Maintenance Activities						Bike Components: No information provided.			
Project Type: Preventive Bridge Maintenance									
Various locations in District 5, Preventive Bridge Maintenance, This is for a FY19/20 Districtwide priority route bridge cleaning project. The bridge includes the bridge items (abutment, breainings, seats, backwalls, piers, scuppers, and expansion joints.)									
		Con	\$646	NHPP					
		Con	\$242	State					
		\$889							
Total Costs (includes costs prior to SFY18)*: \$889									
3179	ODOT 5	101405	E		mi	MTP Reference:		Project ID 203	
D05-BrCleaning-FY18				Local Let		Ped Components:		No information provided.	
Statewide Line Item: 012 - Highway Maintenance Activities						Bike Components: No information provided.			
Project Type: Preventive Bridge Maintenance									
Various locations in District 5, Preventive Bridge Maintenance, This is for a FY17/18 Districtwide priority route bridge cleaning project. The bridge includes the bridge items (abutment, breainings, seats, backwalls, piers, scuppers, and expansion joints.)									
		Con	\$512	NHPP					
		Con	\$128	State					
		\$640							
Total Costs (includes costs prior to SFY18)*: \$640									
3241	ODOT 6	100689	E	0	mi	MTP Reference:		Project ID 203	
D06-Bridge Repair FY21-				Local Let		Ped Components:		No information provided.	
Statewide Line Item: 032 - Preservation						Bike Components: No information provided.			
Project Type: Bridge Repair									
District 6 Bridge Repair FY21, Bridge Repair, at various locations throughout District Six.									
						Con	\$520	State	
						\$520			
Total Costs (includes costs prior to SFY18)*: \$520									
3250	ODOT 6	101397	E	0	mi	MTP Reference:		Project ID 203	
D06-Bridge Repair-Blanket FY20				Local Let		Ped Components:		No information provided.	
Statewide Line Item: 032 - Preservation						Bike Components: No information provided.			
Project Type: Bridge Repair									
District 6 Bridge Repair FY20, Bridge Repair, This project is a blanket project to cover bridge repair work in FY20 within D6. Individual projects will be broken out as field work and scopes are completed.									
			Con	\$5,070	Federal				
			Con	\$1,268	State				
				\$6,338					
Total Costs (includes costs prior to SFY18)*: \$6,338									

\*All Amounts in Thousands

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These projects are included in the TIP through Statewide Line Items.



# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
Project Location and Description									
2018		2019		2020		2021		Future Years**	
Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
3251	ODOT 6 D06-Bridge Repair-Blanket FY21	101398	E	0.02	mi	<b>MTP Reference:</b> Project ID 203			
					<b>Local Let</b>	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		
<b>Statewide Line Item:</b> 032 - Preservation					<b>Bike Components:</b> No information provided.				
<b>Project Type:</b> Bridge Repair									
District 6 Bridge Repair FY21, Bridge Repair, to allocate funding for bridge repair & replacement projects in FY21. Individual projects will be broken out as field reviews are completed. DEL-521-11.98, steel culvert carrying Rosecrans Run (previously inc									
						Con \$16,000 STBG-S Con \$4,000 State			
						\$20,000			
<b>Total Costs (includes costs prior to SFY18)*: \$20,000</b>									
3141	ODOT 6 D06-Bridge Repair-FY19	100688	E		mi	<b>MTP Reference:</b> Project ID 203			
					<b>Local Let</b>	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		
<b>Statewide Line Item:</b> 032 - Preservation					<b>Bike Components:</b> No information provided.				
<b>Project Type:</b> Bridge Repair									
District 6 Bridge Repair FY19, Bridge Repair, Bridge repairs at various locations throughout District Six									
		Con \$520 State							
		\$520							
<b>Total Costs (includes costs prior to SFY18)*: \$520</b>									
3236	ODOT 6 D06-Culvert FY20-	98213	E	0	mi	<b>MTP Reference:</b> Project ID 204			
					<b>Local Let</b>	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		
<b>Statewide Line Item:</b> 032 - Preservation					<b>Bike Components:</b> No information provided.				
<b>Project Type:</b> Culvert Maintenance									
District 6 culvert program for FY20, Culvert Maintenance, Various locations throughout District Six									
				Con \$87 STBG-S Con \$22 State					
				\$109					
<b>Total Costs (includes costs prior to SFY18)*: \$109</b>									
3244	ODOT 6 D06-Culvert FY21-	100765	E	0	mi	<b>MTP Reference:</b> Project ID 205			
					<b>Local Let</b>	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		
<b>Statewide Line Item:</b> 032 - Preservation					<b>Bike Components:</b> No information provided.				
<b>Project Type:</b> Culvert Maintenance									
District 6 culvert program for FY21, Culvert Maintenance, on various routes throughout District Six.									
						Con \$24 STBG-S Con \$115 NHPP Con \$35 State			
						\$174			
<b>Total Costs (includes costs prior to SFY18)*: \$174</b>									
2985	ODOT 6 D06-Culvert-FY19	96121	E	0.1	mi	<b>MTP Reference:</b> Project ID 203			
					<b>Local Let</b>	<input type="checkbox"/>	<b>Ped Components:</b> No information provided.		
<b>Statewide Line Item:</b> 032 - Preservation					<b>Bike Components:</b> No information provided.				
<b>Project Type:</b> Culvert Maintenance									
District 6 Culvert FY19, Culvert Maintenance, FY19 Culvert Program. Locations to be determined.									
		Con \$169 NHPP Con \$42 State							
		\$211							
<b>Total Costs (includes costs prior to SFY18)*: \$211</b>									

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
3237	ODOT 6 D06-ELEC FY20-	98241	E 0 mi	<b>MTP Reference:</b>	Project ID 204	
			<b>Local Let</b> <input type="checkbox"/>	<b>Ped Components:</b>	No information provided.	
<b>Statewide Line Item:</b> 012 - Highway Maintenance Activities				<b>Bike Components:</b>	No information provided.	
<b>Project Type:</b> Electrical Maintenance						
District 6 Electrical maintenance contract for FY20, Electrical Maintenance, Various locations throughout District Six						
		Con \$428	State			
		\$428				
<b>Total Costs (includes costs prior to SFY18)*: \$428</b>						
3371	ODOT 6 D06-FGAC-FY20 MORPC	105568	E 31.87 mi	<b>MTP Reference:</b>	Project ID 204	
			<b>Local Let</b> <input type="checkbox"/>	<b>Ped Components:</b>	No information provided.	
<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.	
<b>Project Type:</b> Preventive Pavement Maintenance						
District 6 Fine Graded Asphalt Concrete, FY20, Preventive Pavement Maintenance, on various routes throughout District Six.						
		Con \$5,389	Federal			
		Con \$1,331	State			
		Con \$16	Local			
		\$6,736				
<b>Total Costs (includes costs prior to SFY18)*: \$6,736</b>						
3321	ODOT 6 D06-GR End Treat FY18-	104166	E 41.33 mi	<b>MTP Reference:</b>	Project ID 204	
			<b>Local Let</b> <input type="checkbox"/>	<b>Ped Components:</b>	No information provided.	
<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.	
<b>Project Type:</b> Guardrail Maintenance						
District 6 Guardrail End Treatments FY18, Guardrail Maintenance, District wide replacement project at various locations around District 6 in order to bring guardrail up to standard. Type A end assemblies are getting phased out of the system.						
PE DD	\$3	NHPP				
PE DD	\$1	State				
Con	\$702	HSIP				
Con	\$135	NHPP				
Con	\$30	State				
	\$871					
<b>Total Costs (includes costs prior to SFY18)*: \$871</b>						
3329	ODOT 6 D06-Mowing-FY18	104794	E 0 mi	<b>MTP Reference:</b>	Project ID 204	
			<b>Local Let</b> <input type="checkbox"/>	<b>Ped Components:</b>	No information provided.	
<b>Statewide Line Item:</b> 012 - Highway Maintenance Activities				<b>Bike Components:</b>	No information provided.	
<b>Project Type:</b> Mowing						
District 6 Mowing Contract for CY 2018, Mowing, 1 Year (CY 2018) mowing contract for various routes in FAY, FRA, MAD, PIC counties.						
PE Envir	\$29	State				
PE DD	\$5	State				
Con	\$702	State				
	\$736					
<b>Total Costs (includes costs prior to SFY18)*: \$736</b>						
3376	ODOT 6 D06-Planned Micro-FY20 MORPC	105589	E 21.07 mi	<b>MTP Reference:</b>	Project ID 204	
			<b>Local Let</b> <input type="checkbox"/>	<b>Ped Components:</b>	No information provided.	
<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.	
<b>Project Type:</b> Preventive Pavement Maintenance						
District 6 Microsurfacing FY20, Preventive Pavement Maintenance, on various routes throughout District Six.						
		Con \$4,089	Federal			
		Con \$706	State			
		Con \$0	Local			
		\$4,795				
<b>Total Costs (includes costs prior to SFY18)*: \$4,795</b>						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
3377	ODOT 6 D06-Planned Resurf-FY20 MORPC	105604	E 19.41 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
District 6 Resurfacing FY20, Preventive Pavement Maintenance, on various routes throughout District Six.						
	Con \$13,667 Federal					
	Con \$2,280 State					
	Con \$85 Local					
	\$16,032					
Total Costs (includes costs prior to SFY18)*: \$16,032						
3246	ODOT 6 D06-PMA FY21-	100768	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 205 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Pavement Marking						
District 6 auxiliary pavement marking contract (FY21 & 22), Pavement Marking, on various routes throughout District Six.						
				Con \$156 State		
				\$156		
Total Costs (includes costs prior to SFY18)*: \$156						
3245	ODOT 6 D06-PMF FY21-	100766	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 205 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Pavement Marking						
District 6 Fast dry pavement marking contract FY21, Pavement Marking, on various routes throughout District Six.						
				Con \$3,060 State		
				\$3,060		
Total Costs (includes costs prior to SFY18)*: \$3,060						
3327	ODOT 6 D06-PR/RPM Installation-FY18	104783	E 48.88 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Pavement Marking						
District 6 Pavement Markings and Raised Pavement Markers, Pavement Marking, Provide pavement markings and RPM installation on routes that were recently chip sealed by District forces. Various routes throughout District Six						
	PE DD \$2 State					
	Con \$208 State					
	\$210					
Total Costs (includes costs prior to SFY18)*: \$210						
3243	ODOT 6 D06-RPM FY20-	100743	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Raised Pavement Markers						
District 6 Raised pavement markers FY20, Raised Pavement Markers, on various routes throughout District Six.						
				Con \$156 State		
				\$156		
Total Costs (includes costs prior to SFY18)*: \$156						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
3247	ODOT 6	100769	E	0 mi	MTP Reference:	Project ID 205
	D06-RPM FY21-		Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation	Bike Components:	No information provided.
Project Type:				Raised Pavement Markers		
District 6 Raised pavement markers, Raised Pavement Markers, on various routes throughout District Six.						
				Con	\$156	State
				\$156		
Total Costs (includes costs prior to SFY18)*: \$156						
3144	ODOT 6	100739	E	mi	MTP Reference:	Project ID 204
	D06-RPM-FY18		Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation	Bike Components:	No information provided.
Project Type:				Raised Pavement Markers		
District 6 Raised Pavement Markers for FY18, Raised Pavement Markers, Various routes throughout District Six						
				Con	\$156	State
				\$156		
Total Costs (includes costs prior to SFY18)*: \$156						
3240	ODOT 6	100687	E	0 mi	MTP Reference:	Project ID 204
	D06-SP FY20 General-		Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation	Bike Components:	No information provided.
Project Type:				Resurfacing		
District 6 Spot Paving FY20, Resurfacing, on various general system routes throughout District Six.						
				Con	\$1,040	State
				\$1,040		
Total Costs (includes costs prior to SFY18)*: \$1,040						
3242	ODOT 6	100738	E	0 mi	MTP Reference:	Project ID 204
	D06-SP FY20-Concrete		Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation	Bike Components:	No information provided.
Project Type:				Minor Pavement Rehabilitation		
District 6 Spot Concrete Slab Repair FY20, Minor Pavement Rehabilitation, on various routes throughout District 6.						
				Con	\$1,040	State
				\$1,040		
Total Costs (includes costs prior to SFY18)*: \$1,040						
3143	ODOT 6	100737	E	mi	MTP Reference:	Project ID 204
	D06-SP-FY18 Concrete		Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation	Bike Components:	No information provided.
Project Type:				Maintenance Activity		
District 6 Spot Concrete Repair FY18, Maintenance Activity, Spot concrete slab repair on various routes throughout District Six						
				Con	\$2,453	NHPP
				Con	\$273	State
				\$2,725		
Total Costs (includes costs prior to SFY18)*: \$2,725						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019	2020	2021	Future Years**	
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3140	ODOT 6 D06-SP-FY18 Gen	100681	E mi		<b>MTP Reference:</b>	Project ID 204
			<b>Local Let</b> <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Maintenance Activity					
	District 6 Spot Paving Repairs, FY18, Maintenance Activity, Spot paving mill and fill on various general system routes throughout District Six					
	Con \$832 STBG-S					
	Con \$208 State					
	\$1,040					
	<b>Total Costs (includes costs prior to SFY18)*: \$1,040</b>					
3372	ODOT 6 D06-IR070-07.63	105463	E 3.58 mi		<b>MTP Reference:</b>	Project ID 204
			<b>Local Let</b> <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Preventive Pavement Maintenance					
	I-70 from I-270 (West Outerbelt) to W Broad St, Preventive Pavement Maintenance, asphalt concrete overlay with repairs in Columbus.					
	Con \$5,272 Federal					
	Con \$586 State					
	\$5,857					
	<b>Total Costs (includes costs prior to SFY18)*: \$5,857</b>					
3082	Delaware County DEL-CR GR-FY19	99917	E 1 mi		<b>MTP Reference:</b>	Project ID 204
			<b>Local Let</b> <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 016 - Local Government Programs				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Guardrail Maintenance					
	Delaware Co Guardrail Upgrade, Guardrail Maintenance, upgrade existing guardrail on various county roads in Delaware County.					
	Con \$90 HSIP-C					
	\$90					
	<b>Total Costs (includes costs prior to SFY18)*: \$90</b>					
3264	ODOT 6 DEL-Delaware State Park-FY18	103842	E 0 mi		<b>MTP Reference:</b>	Project ID 204
			<b>Local Let</b> <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 099 - State Funded Programs				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Maintenance Activity					
	Delaware State Park Maintenance FY18, Maintenance Activity, Microsurfacing and resurfacing within campgrounds, small culvert replacements and other miscellaneous items.					
	PE DD \$5 State					
	Con \$754 State					
	\$759					
	<b>Total Costs (includes costs prior to SFY18)*: \$759</b>					
3320	ODOT 6 DEL-Heelsplitter-Mitigation	102154	E 0.58 mi		<b>MTP Reference:</b>	Project ID 204
			<b>Local Let</b> <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Mitigation Banking					
	Chapman Rd at S of Winter Rd, Mitigation Banking, Purchase land for Heelsplitter mitigation banking along Chapman Rd (DEL TR 118) south of Winter Rd (DEL TR 98).					
	ROW \$700 State					
	\$700					
	<b>Total Costs (includes costs prior to SFY18)*: \$700</b>					

\*All Amounts in Thousands

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Road-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019	2020	2021	Future Years**	
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3192	Delaware County DEL-SR003-07.21	102097	E mi		<b>MTP Reference:</b>	Project ID 632
			Local Let <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 015 - Highway Safety Program				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Intersection Modification/Signalization					
	SR-3 at Galena Rd, Intersection Modification & Signalization, Add signal and left turn lanes on SR3 at Galena Road in Delaware County					
	Con \$525 HSIP					
	Con \$630 Local					
	\$1,155					
	<b>Total Costs (includes costs prior to SFY18)*: \$1,170</b>					
2850	Delaware DEL-US036-10.59	95625	E 0.66 mi		<b>MTP Reference:</b>	Project ID 569
			Local Let <input type="checkbox"/>		<b>Ped Components:</b>	Modify existing facilities. Sidewalks will be maintained on both sides of US 36 for the full length of the project. Safety improvements for ped crossings at US 36 will be incorporated as warranted.
	<b>Statewide Line Item:</b> 009 - Federal Discretionary Programs				<b>Bike Components:</b>	Maybe - To be determined. Depending on ROW constraints, sidewalks may be widened to accommodate multi-use.
	<b>Project Type:</b> Minor Widening					
	E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening from 2 lanes to 3 lanes, Provide a two way left turn lane from Potter St to SR-37 and replace bikeway bridge to increase intersection radius at US 42. PE Env on PID 80824 (Veteran					
		Con \$2,805 HP				
		Con \$215 Local				
		\$3,019				
	<b>Total Costs (includes costs prior to SFY18)*: \$3,980</b>					
3268	ODOT 6 DEL-US036-18.79	104502	E 0.26 mi		<b>MTP Reference:</b>	Project IDs 203/ 185
			Local Let <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 015 - Highway Safety Program				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Intersection Modification/Bridge Deck Overlay					
	US-36/SR-37 at Galena Rd, Intersection Modification & Bridge Deck Overlay, provide EB and WB left turn lanes, replace signal, add intersection lighting and dilemma zone detection. Concrete deck overlay on US-36 bridge over Little Walnut Creek.					
	PE DD \$94 NHPP			Con \$1,211 HSIP		
	PE DD \$10 State			Con \$172 NHPP		
				Con \$177 State		
	\$105			\$1,560		
	<b>Total Costs (includes costs prior to SFY18)*: \$1,664</b>					
2992	ODOT 6 DEL-US036-21.96	96308	E 0.2 mi		<b>MTP Reference:</b>	Project ID 203
			Local Let <input type="checkbox"/>		<b>Ped Components:</b>	No information provided.
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Bike Components:</b>	No information provided.
	<b>Project Type:</b> Bridge Repair					
	US 36 at Prairie Run, Bridge Repair, Replace concrete culvert over Prairie Run.					
		Con \$216 STBG-S				
		Con \$54 State				
		\$270				
	<b>Total Costs (includes costs prior to SFY18)*: \$270</b>					

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018 Phase/Amount*/Source	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source	
3261	ODOT 6 DEL-US036-22.25	103527	E 6.36 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 205
					Ped Components:	No information provided.
					Bike Components:	No information provided.
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
US-36 from SR-61 to Knox Co Line, Preventive Pavement Maintenance, Fine graded polymer asphalt concrete overlay.						
	PE DD \$4 STBG-S					
	PE DD \$1 State					
	Con \$839 STBG-S					
	Con \$210 State					
	\$1,054					
Total Costs (includes costs prior to SFY18)*: \$1,054						
2971	ODOT 6 DEL-US042-08.78	93147	E 0.73 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204
					Ped Components:	No information provided.
					Bike Components:	No information provided.
Statewide Line Item: 032 - Preservation						
Project Type: Resurfacing						
Lake St (US 42) from US 36 to Delaware N corp line, Resurfacing, Delaware urban paving project.						
	Con \$160 STBG-S					
	Con \$40 Local					
	\$200					
Total Costs (includes costs prior to SFY18)*: \$200						
3054	ODOT 6 DEL-US042-09.44	98141	E 0.2 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 203
					Ped Components:	No information provided.
					Bike Components:	No information provided.
Statewide Line Item: 032 - Preservation						
Project Type: Bridge Replacement						
US 42 & SR-521 at Sugar Run & Rosecrans Run, respectively, Bridge Replacement, located 0.02 mi north of Joy Ave in Delaware & 0.39 mi east of Blue Church Rd, respectively.						
	PE DD \$250 State			Con \$171 STBG-S		
				Con \$1,274 NHPP		
				Con \$361 State		
	\$250			\$1,807		
Total Costs (includes costs prior to SFY18)*: \$2,057						
3381	ODOT 6 DEL-US042-09.69	105519	E 9.48 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204
					Ped Components:	No information provided.
					Bike Components:	No information provided.
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
US-42 from Horsehoe Rd to Morrow Co line, Preventive Pavement Maintenance, Asphalt concrete overlay without repairs: DEL-42-9.69-9.71, 12.37-13.58, 13.91-19.17. Asphalt concrete overlay with repairs: DEL-42-9.71-12.37, 13.58-13.91 DEL-42-9.69-19.17.						
		Con \$1,614 Federal				
		Con \$404 State				
		\$2,018				
Total Costs (includes costs prior to SFY18)*: \$2,018						
3083	Delaware County DEL-CR048-02.45	99918	E 0.1 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 203
					Ped Components:	No information provided.
					Bike Components:	No information provided.
Statewide Line Item: 016 - Local Government Programs						
Project Type: Bridge Rehabilitation						
Centerburg Rd at Culver Creek, Bridge Rehabilitation, New beams and deck, minor abutment. Federal/state exchange project in Porter Twp.						
		Con \$286 State				
		Con \$15 Local				
		\$301				
Total Costs (includes costs prior to SFY18)*: \$301						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019		2020	2021	Future Years**
	Phase/Amount*/Source	Phase/Amount*/Source		Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3322	ODOT 6 DEL-SR061-04.71	104623	E	0.19 mi	MTP Reference: Project ID 185 Ped Components: No information provided. Bike Components: No information provided.	
Statewide Line Item: 015 - Highway Safety Program						
Project Type: Intersection Modification						
SR-61 at Wilson Rd (SR-656), Intersection Modification, Construct roundabout at the intersection.						
	PE Envir \$374 HSIP PE Envir \$42 State ROW \$180 HSIP ROW \$20 State \$615	PE DD \$66 HSIP PE DD \$7 State \$73		Con \$1,798 HSIP Con \$342 Local \$2,140		
Total Costs (includes costs prior to SFY18)*: \$2,829						
2993	ODOT 6 DEL-SR229-03.48	96312	E	0.1 mi	MTP Reference: Project ID 203 Ped Components: No information provided. Bike Components: No information provided.	
Statewide Line Item: 032 - Preservation						
Project Type: Bridge Maintenance Activities						
SR-229 at Whetstone Creek, Bridge Maintenance Activities, located 3 mi W of US42. Concrete deck overlay of 3-span steel beam bridge.						
		Con \$172 STBG-S Con \$43 State \$215				
Total Costs (includes costs prior to SFY18)*: \$215						
3382	ODOT 6 DEL-SR257-08.37	105543	E	12.07 mi	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.	
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
Portions of SR-257 & SR-605 in Delaware Co, Preventive Pavement Maintenance, Fine Graded Asphalt Concrete Overlay.						
SR-257 from US-42 to SR-37						
SR-605: Franklin Co line to SR-37						
		Con \$1,605 Federal Con \$401 State \$2,006				
Total Costs (includes costs prior to SFY18)*: \$2,006						
3194	ODOT 6 DEL-SR315-05.00/6.40/8.10	102124	E	1.5 mi	MTP Reference: Project IDs 203/ 204 Ped Components: No information provided. Bike Components: No information provided.	
Statewide Line Item: 032 - Preservation						
Project Type: Maintenance Activity/Culvert Maintenance						
Various locations on SR-315, Maintenance Activity & Culvert Maintenance, Excavate and replace unstable embankment along SR-315 for 0.5 mi S of Hyatts Rd, 0.5 mi N&S of Winter Rd, 0.5 mi N&S of Bunty Station Rd; extend/modify culvert S of Winter Rd.						
	PE Envir \$200 STBG-S PE Envir \$50 State \$250	PE DD \$200 STBG-S PE DD \$50 State Con \$1,455 STBG-S Con \$364 State \$2,069				
Total Costs (includes costs prior to SFY18)*: \$2,319						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019	2020	2021	Future Years**	
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3204	ODOT 6 DEL-SR750-04.43	102832	E 2.83 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204	
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Ped Components:</b> No information provided.	
	<b>Project Type:</b> Preventive Pavement Maintenance				<b>Bike Components:</b> No information provided.	
	SR-750 from SR-315 to S Old State Rd, Preventive Pavement Maintenance, Resurfacing preventive maintenance.					
	Con \$303 STBG-S					
	Con \$445 NHPP					
	Con \$187 State					
	\$934					
	<b>Total Costs (includes costs prior to SFY18)*: \$934</b>					
3238	Fairfield County FAI-CR006-10.39	99498	E 0.61 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204	
	<b>Statewide Line Item:</b> 016 - Local Government Programs				<b>Ped Components:</b> No information provided.	
	<b>Project Type:</b> Guardrail Upgrade/Replace				<b>Bike Components:</b> No information provided.	
	Fairfield County Roads, Guardrail Upgrade/Replace, Upgrade existing guardrail on various Fairfield County roads.					
			Con \$200 HSIP-C			
			\$200			
	<b>Total Costs (includes costs prior to SFY18)*: \$200</b>					
2981	ODOT 5 FAI-SR204-00.00	95506	E 11.65 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204	
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Ped Components:</b> No information provided.	
	<b>Project Type:</b> Resurfacing				<b>Bike Components:</b> No information provided.	
	SR-204 & Taylor Rd (SR-204A) from SR-256 to SR-158, Resurfacing, includes Taylor Rd from I-70 to SR-204. 5% repairs, milling 1 1/4" and placing 1" Item 448 Asphalt Concrete, type 1 Intermediate Course PG64-22 and 1 1/4" Item 448 Asphalt Concrete, Type 1 S					
	PE Envir \$1 State		Con \$1,939 STBG-S			
			Con \$468 State			
			Con \$17 Local			
	\$1		\$2,424			
	<b>Total Costs (includes costs prior to SFY18)*: \$2,424</b>					
2982	ODOT FAI-SR204-03.46/04.32	96015	E 0.04 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 203	
	<b>Statewide Line Item:</b> 032 - Preservation				<b>Ped Components:</b> No information provided.	
	<b>Project Type:</b> Bridge Deck Replacement				<b>Bike Components:</b> No information provided.	
	SR-204 at 0.11 mi E of Ault Rd & 0.07 mi W of Tollgate Rd, Bridge Deck Replacement, Replace deck, paint bridge, new approach slabs repair beam as needed, repair/patch abutments and piers. 0.11 mi E of Ault Rd (03.46) over Sycamore Ck, and 0.07 mi W of Tol					
	PE Envir \$15 State		PE DD \$5 State			
			Con \$720 STBG-S			
			Con \$180 State			
	\$15		\$905			
	<b>Total Costs (includes costs prior to SFY18)*: \$920</b>					
2626	Columbus FRA-Columbus-Binns/Burroughs	94014	E mi Local Let <input checked="" type="checkbox"/>		<b>MTP Reference:</b> Project ID 186	
	<b>Statewide Line Item:</b> 024 - Safe Routes to School				<b>Ped Components:</b> Sidewalk on 1 side. Binns Blvd near school.	
	<b>Project Type:</b> Sidewalks/Safety Improvement				<b>Bike Components:</b> None.	
	Near Binns and Burroughs elementary schools, Sidewalks & Safety Improvement, includes speed tables on various streets near the					
		Con \$234 SRTS				
	\$234					
	<b>Total Costs (includes costs prior to SFY18)*: \$400</b>					

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019	2020	2021	Future Years**	
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3081	Franklin County FRA-CR GR-FY19	99915	E 1 mi Local Let <input checked="" type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 016 - Local Government Programs						
Project Type: Guardrail Maintenance						
Franklin Co Guardrail Upgrade, Guardrail Maintenance, upgrade existing guardrail on various county roads in Franklin County.						
	Con \$90 HSIP-C					
	\$90					
Total Costs (includes costs prior to SFY18)*: \$90						
3080	Franklin County FRA-CR PM-FY18	99914	E 1 mi Local Let <input checked="" type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 016 - Local Government Programs						
Project Type: Pavement Marking						
Franklin Co Pavement Marking, Pavement Marking, upgrade pavement markings on various county roads in Franklin County.						
	Con \$75 HSIP-C					
	\$75					
Total Costs (includes costs prior to SFY18)*: \$75						
2758	ODOT 6 FRA-Extrusign-M	94156	E 31.15 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Signage						
Various routes in Franklin County, Signage, Systematic replacement of extrusheet signs. Includes locations on Columbus, Dublin, Obetz, Worthington. FRA-70, FRA-71, FRA-270, FRA-670. Design under PID 94155.						
	Con \$3,382 NHPP					
	Con \$376 State					
	\$3,758					
Total Costs (includes costs prior to SFY18)*: \$3,758						
3255	ODOT 6 FRA-FACD06 Roberts Rd-Security	102654	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 205 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 099 - State Funded Programs						
Project Type: Facility Renovation						
Roberts Rd Outpost Security, Facility Renovation, Install Access control/intrusion, CCTV, fencing and one Autogate.						
	Other \$180 State					
	\$180					
Total Costs (includes costs prior to SFY18)*: \$180						
3343	ODOT FRA-FACD13 C.O. Parking-Lot Repairs	96012	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 099 - State Funded Programs						
Project Type: Site Maintenance						
ODOT Central Office Parking Lot Repairs, Site Maintenance, Hilltop parking lot repairs (crack sealing, striping, etc.)						
	Con \$300 State					
	\$300					
Total Costs (includes costs prior to SFY18)*: \$300						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
Project Location and Description									
2018		2019		2020		2021		Future Years**	
Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
3344	ODOT	96278	E	0	mi	MTP Reference:		Project ID 204	
FRA-FACD13 C.O. Roof-Replacement			Local Let		<input type="checkbox"/>	Ped Components:		No information provided.	
Statewide Line Item:						099 - State Funded Programs			
Project Type:						Site Maintenance			
ODOT Central Office Roof Replacement, Site Maintenance,									
Con \$700		State							
\$700									
Total Costs (includes costs prior to SFY18)*: \$700									
2986	ODOT 6	96219	E	0	mi	MTP Reference:		Project ID 204	
FRA-Fifth Ave Mix Shed-			Local Let		<input type="checkbox"/>	Ped Components:		No information provided.	
Statewide Line Item:						099 - State Funded Programs			
Project Type:						Buildings			
Fifth Ave Mix Shed, Buildings, Franklin County, Fifth Avenue Outpost Mix Shed.									
		Other \$150		State					
		PE DD \$25		State					
		\$175							
Total Costs (includes costs prior to SFY18)*: \$175									
3331	ODOT 6	104845	E	0	mi	MTP Reference:		Project ID 204	
FRA-Fifth Ave-Storage			Local Let		<input type="checkbox"/>	Ped Components:		No information provided.	
Statewide Line Item:						099 - State Funded Programs			
Project Type:						Buildings			
Fifth Avenue Garage, Buildings, Construct a combination MS/CS building at the Fifth Ave garage in Franklin County									
				PE DD \$40		State		Con \$440	
				\$40				\$440	
Total Costs (includes costs prior to SFY18)*: \$480									
3015	ODOT 6	98303	E	0	mi	MTP Reference:		Project ID 204	
FRA-GR-FY18			Local Let		<input type="checkbox"/>	Ped Components:		No information provided.	
Statewide Line Item:						012 - Highway Maintenance Activities			
Project Type:						Guardrail Maintenance			
Franklin Co Guardrail Repair FY18, Guardrail Maintenance, Guardrail ding and dent repair (1 year contract) for various locations throughout Franklin County.									
Con \$880		State							
\$880									
Total Costs (includes costs prior to SFY18)*: \$881									
3016	ODOT 6	98307	E	0	mi	MTP Reference:		Project ID 204	
FRA-GR-FY19			Local Let		<input type="checkbox"/>	Ped Components:		No information provided.	
Statewide Line Item:						012 - Highway Maintenance Activities			
Project Type:						Guardrail Maintenance			
Franklin Co Guardrail Repair FY19, Guardrail Maintenance, Guardrail ding and dent repair (1 year contract) for various locations throughout Franklin County.									
PE \$10		State		Con \$880		State			
\$10				\$880					
Total Costs (includes costs prior to SFY18)*: \$890									

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019		2020	2021	Future Years**
	Phase/Amount*/Source	Phase/Amount*/Source		Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3017	ODOT 6 FRA-GR-FY20	98308	E	0 mi	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.	
			Local Let	<input type="checkbox"/>		
Statewide Line Item: 012 - Highway Maintenance Activities						
Project Type: Guardrail Maintenance						
Franklin Co Guardrail Repair FY20, Guardrail Maintenance, Guardrail ding and dent repair (1 year contract) for various locations throughout Franklin County.						
		PE \$10 State		Con \$880 State		
		\$10		\$880		
Total Costs (includes costs prior to SFY18)*: \$890						
3228	ODOT 6 FRA-Hamilton Rd-Livingston Ave	100927	E	mi	MTP Reference: Project ID 185 Ped Components: Modify existing facilities. Bike Components: No information provided.	
			Local Let	<input type="checkbox"/>		
Statewide Line Item: 015 - Highway Safety Program						
Project Type: Safety Improvement						
Hamilton Rd at Livingston Ave, Safety Improvement, Construct bus stop pull-outs, restripe crosswalks and improved intersection signing for pedestrians.						
		Con \$229 HSIP				
		Con \$61 Local				
		\$290				
Total Costs (includes costs prior to SFY18)*: \$310						
3328	ODOT 6 FRA-Landscape Maintenanc-FY18	104793	E	0 mi	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.	
			Local Let	<input type="checkbox"/>		
Statewide Line Item: 012 - Highway Maintenance Activities						
Project Type: Landscape Maintenance						
Landscape maintenance in Franklin County for FY18, Landscape Maintenance, 1 year contract, various interstate routes in Franklin County.						
		PE Envir \$11 State				
		PE DD \$2 State				
		Con \$260 State				
		\$273				
Total Costs (includes costs prior to SFY18)*: \$273						
3217	Columbus FRA-Livingston Ave-James Rd	101787	E	0.19 mi	MTP Reference: Project IDs 185/ 147 Ped Components: No information provided. Bike Components: No information provided.	
			Local Let	<input checked="" type="checkbox"/>		
Statewide Line Item: 015 - Highway Safety Program						
Project Type: Intersection Modification						
Livingston Ave at James Rd, Intersection Modification, Installation of additional signal heads on both approaches of Livingston; advance signage on three intersection approaches; construction of concrete median along James intersection approaches; constru						
		PE DD \$128 HSIP		Con \$2,433 HSIP		
		PE DD \$3 State		Con \$460 Local		
		PE DD \$14 Local				
		ROW \$287 HSIP				
		ROW \$20 State				
		ROW \$32 Local				
		\$484		\$2,893		
Total Costs (includes costs prior to SFY18)*: \$3,599						
3154	Columbus FRA-SRTS Columbus-	100964	E	mi	MTP Reference: Project ID 186 Ped Components: No information provided. Bike Components: No information provided.	
			Local Let	<input type="checkbox"/>		
Statewide Line Item: 024 - Safe Routes to School						
Project Type: Sidewalks						
Hamilton STEM Academy, Hamilton Elementary & Linden STEM Academy, Sidewalks, Construct sidewalk along three high priority and contiguous sections of roadway that will provide walking access for students attending the Hamilton STEM Academy, Hamilton Elemen						
		PE DD \$1 State		Con \$492 TAP-S		
		\$1		\$492		
Total Costs (includes costs prior to SFY18)*: \$496						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length			
Project Location and Description							
2018		2019		2020		2021	Future Years**
Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	Phase/Amount*/Source
3112	Franklin County FRA-CR003-06.79	102047	E	0.8 mi	MTP Reference:	Project ID 185	
				Local Let	<input checked="" type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				015 - Highway Safety Program		Bike Components:	No information provided.
Project Type:				Intersection Modification			
Norton Rd at Johnson Rd, Intersection Modification, Construct a modern roundabout.							
ROW \$150 HSIP		Con \$1,200 HSIP					
ROW \$67 Local		Con \$706 Local					
\$217		\$1,906					
Total Costs (includes costs prior to SFY18)*: \$2,138							
3047	Columbus FRA-CR008-03.67	99419	E	0.24 mi	MTP Reference:	Project ID 766	
				Local Let	<input checked="" type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				015 - Highway Safety Program		Bike Components:	No information provided.
Project Type:				Intersection Modification			
Sunbury Rd at Agler Rd/Cassady Ave, Intersection Modification, Additional warning signs, convert thru lanes on 3 approaches to right-turn only; reconstruct signal to add back plates and protected left-turn phase.							
Con \$545 HSIP							
Con \$121 Local							
\$666							
Total Costs (includes costs prior to SFY18)*: \$831							
2694	ODOT 6 FRA-SR016-03.57	91448	E	0.75 mi	MTP Reference:	Project ID 204	
				Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				032 - Preservation		Bike Components:	No information provided.
Project Type:				Resurfacing			
E Broad St from Drexel Ave to Gould Rd, Resurfacing, Bexley urban paving project							
		Con \$308 NHPP					
		Con \$77 Local					
		\$385					
Total Costs (includes costs prior to SFY18)*: \$385							
3046	Franklin County FRA-CR020-03.80	99415	E	0.17 mi	MTP Reference:	Project ID 693	
				Local Let	<input checked="" type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				015 - Highway Safety Program		Bike Components:	No information provided.
Project Type:				Intersection Modification			
Smothers Rd at Schott Rd/Red Bank Rd, Intersection Modification, Construct a roundabout. Located at Delaware-Franklin county line.							
Con \$750 HSIP							
Con \$512 Local							
\$1,262							
Total Costs (includes costs prior to SFY18)*: \$1,337							
3324	Columbus FRA-CR026 (Georgesville)-Hall Rd	104704	E	0.02 mi	MTP Reference:	Project ID 185	
				Local Let	<input type="checkbox"/>	Ped Components:	No information provided.
Statewide Line Item:				015 - Highway Safety Program		Bike Components:	No information provided.
Project Type:				Turn Lane Addition			
Georgesville Rd at Hall Rd (CR-125), Turn Lane Addition, Reconstruct the signal and add eastbound and southbound right turn lanes. Located in Columbus.							
PE DD \$36 HSIP		ROW \$159 HSIP		Con \$757 HSIP			
PE DD \$4 Local		ROW \$18 Local		Con \$168 Local			
\$40		\$177		\$925			
Total Costs (includes costs prior to SFY18)*: \$1,142							

\*All Amounts in Thousands

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
Project Location and Description									
	2018	2019	2020	2021	Future Years**				
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source				
3092	ODOT 6 FRA-US033-08.78	101097	E 0.38 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project IDs 185/ 67 <b>Ped Components:</b> Modify existing facilities. Enhancements to the pedestrian facilities at Fishinger Rd and Nottingham Rd. <b>Bike Components:</b> No change to existing conditions.				
<b>Statewide Line Item:</b> 015 - Highway Safety Program									
<b>Project Type:</b> Intersection Modification/Minor Widening									
US 33 at Fishinger Rd, Intersection Modification & Minor Widening, adding second NB left turn lane and SB right turn lane on US 33. Project to include addition of center left-turn lane on US 33 between Nottingham Rd & Fishinger and enhancements to the ped									
	ROW \$252 HSIP	Con \$1,926 HSIP							
	ROW \$28 State	Con \$128 NHPP							
		Con \$246 State							
	\$280	\$2,301							
<b>Total Costs (includes costs prior to SFY18)*: \$2,618</b>									
2968	ODOT 6 FRA-US033-08.94	93136	E 2.43 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204 <b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
<b>Statewide Line Item:</b> 032 - Preservation									
<b>Project Type:</b> Resurfacing									
Riverside Dr (US 33) from Trabue Rd to Fishinger Rd, Resurfacing, Rural and urban pavement resurfacing project in Columbus and Upper Arlington.									
	Con \$950 NHPP								
	Con \$237 State								
	\$1,187								
<b>Total Costs (includes costs prior to SFY18)*: \$1,187</b>									
2486	ODOT 6 FRA-US033-14.35	86651	E 2.19 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204 <b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
<b>Statewide Line Item:</b> 032 - Preservation									
<b>Project Type:</b> Resurfacing									
Dublin Rd/Long St/Spring St at 2 segments from Grandview Hts to Downtown Columbus, Resurfacing, 1) Dublin Rd/Long St (US 33) from Grandview Hts/Columbus corp limit to Marconi Blvd 2) Spring St (US 33D) from High St to Cleveland Ave. Columbus urban paving									
	Con \$882 NHS								
	Con \$18 State								
	Con \$315 Local								
	\$1,216								
<b>Total Costs (includes costs prior to SFY18)*: \$1,216</b>									
3113	ODOT 6 FRA-US033-30.99	101940	E 0.31 mi Local Let <input type="checkbox"/>		<b>MTP Reference:</b> Project ID 204 <b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
<b>Statewide Line Item:</b> 028 - Noise Wall Program									
<b>Project Type:</b> Noise Walls									
US-33 from Bowen Rd to Fairfield Co Line, Noise Walls, Construct new noise walls.									
	Con \$642 State								
	\$642								
<b>Total Costs (includes costs prior to SFY18)*: \$643</b>									

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
2482 ODOT 6 FRA-US040-10.550	86645	E 1.46 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204	
Statewide Line Item: 032 - Preservation				Ped Components:	No information provided.	
Project Type: Resurfacing				Bike Components:	No information provided.	
W Broad St (US-40) from Central Ave to Scioto River, Resurfacing, Columbus urban paving project.						
	Con \$44 HBP Con \$572 NHPP Con \$11 State Con \$143 Local					
	\$770					
Total Costs (includes costs prior to SFY18)*: \$770						
3384 ODOT 6 FRA-US062-08.53	105506	E 2.14 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204	
Statewide Line Item: 032 - Preservation				Ped Components:	No information provided.	
Project Type: Preventive Pavement Maintenance				Bike Components:	No information provided.	
Harrisburg Pk from I-270 to Eakin Rd, Preventive Pavement Maintenance, Fine Graded Polymer Asphalt Concrete Overlay in and out of the City of Columbus.						
	Con \$304 Federal Con \$53 State Con \$23 Local					
	\$380					
Total Costs (includes costs prior to SFY18)*: \$380						
2958 ODOT 6 FRA-IR070-00.00	91146	E 3.41 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204	
Statewide Line Item: 032 - Preservation				Ped Components:	No information provided.	
Project Type: Minor Pavement Rehabilitation				Bike Components:	No information provided.	
I-70 from Madison Co line to 0.4 mi W of Darby Creek Rd, Minor Pavement Rehabilitation, Priority System minor rehabilitation.						
		Con \$955 NHPP Con \$106 State				
		\$1,061				
Total Costs (includes costs prior to SFY18)*: \$1,061						
1497 ODOT 6 FRA-IR070-07.600	79667	E 3.61 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204	
Statewide Line Item: 032 - Preservation				Ped Components:	Not Applicable.	
Project Type: Resurfacing				Bike Components:	Not Applicable.	
I-70 from 0.34 mi W of Wilson Rd to W Broad St, Resurfacing, and deck overlay and abutment repair on bridge over Fisher Rd.						
	Con \$3,231 HBP Con \$571 NHPP Con \$422 State					
	\$4,224					
Total Costs (includes costs prior to SFY18)*: \$4,624						
3249 ODOT 6 FRA-IR070-15.29	101260	E 4.08 mi Local Let <input type="checkbox"/>		MTP Reference:	Project ID 204	
Statewide Line Item: 032 - Preservation				Ped Components:	No information provided.	
Project Type: Minor Pavement Rehabilitation				Bike Components:	No information provided.	
I-70 from 0.05 mi E of S 18th St Bridge to 0.06 mi E of S James Rd, Minor Pavement Rehabilitation, asphalt concrete overlay.						
			Con \$3,481 NHPP Con \$387 State			
			\$3,868			
Total Costs (includes costs prior to SFY18)*: \$3,868						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
1490 ODOT 6 FRA-IR070-16.47	79668	E 8.47 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No change to existing conditions. Pedestrians Prohibited Bike Components: No change to existing conditions. Bicycles Prohibited			
Statewide Line Item: 032 - Preservation						
Project Type: Resurfacing						
I-70 from Fairwood Ave to Fairfield Co Line, Resurfacing,						
	Con \$5,350 NHPP Con \$594 State					
	\$5,944					
Total Costs (includes costs prior to SFY18)*: \$5,944						
3265 ODOT 6 FRA-IR070-Pump Sta ST-8	103951	E 0 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.			
Statewide Line Item: 032 - Preservation						
Project Type: Facility Renovation						
Pump Station at I-70 & Broad St, Facility Renovation, Rehabilitate FRA pump station ST-8 by refurbishing the pumps, replacing the electrical systems, and other miscellaneous repairs and upgrades Pump Station at FRA IR 70 and Broad St						
PE DD \$120 State	Con \$1,498 State					
\$120	\$1,498					
Total Costs (includes costs prior to SFY18)*: \$1,618						
3375 ODOT 6 FRA-IR071-25.62	105606	E 5.09 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.			
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
I-71 & I-270 (North Outerbelt) at the vicinity of the I-71/I-270 Interchange, Preventive Pavement Maintenance, I-71 from south of SR-161 to north of I-270 & I-270 from the bridge over CSX/NS RR to east of I-71, asphalt concrete overlay with repairs. (FRA-						
		Con \$8,953 Federal Con \$995 State				
		\$9,948				
Total Costs (includes costs prior to SFY18)*: \$9,948						
2978 ODOT 6 FRA-IR071-Noise Wall Repr	93446	E 0.09 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.			
Statewide Line Item: 028 - Noise Wall Program						
Project Type: Noise Walls						
I-71 at 5th Ave SB ramps to I-71 & I-670, Noise Walls, Project to replace existing noise wall panels with fiberglass panels. Reuse existing steel posts. SB 5th Ave ramp to I-71 SBSB 5th Ave ramp to I-670 WB Columbus. FRA-71/5th Ave SB Ramps						
Con \$18 NHPP Con \$2,702 State						
\$2,720						
Total Costs (includes costs prior to SFY18)*: \$2,720						
3007 ODOT 6 FRA-SR104-05.63	97727	E 0.09 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 203 Ped Components: No information provided. Bike Components: No information provided.			
Statewide Line Item: 032 - Preservation						
Project Type: Bridge Deck Replacement						
SR-104 at I-270, Bridge Deck Replacement, Replace deck, parapets, convert abutments to semi integral.						
		Con \$1,732 NHPP Con \$192 State				
		\$1,925				
Total Costs (includes costs prior to SFY18)*: \$1,925						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
	2018	2019	2020	2021	Future Years**	
	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3232	ODOT 6 FRA-SR104-09.69	88611	E 0.1 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 203 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Bridge Deck Replacement						
Groveport Rd at SR-104, Bridge Deck Replacement, Columbus sidewalk coordination.						
				Con \$1,390 NHPP Con \$348 State		
				\$1,738		
Total Costs (includes costs prior to SFY18)*: \$1,738						
2957	ODOT 6 FRA-IR270-21.69	76467	E 6.38 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Minor Pavement Rehabilitation						
I-270 (North Outerbelt) & SR-315 at various locations, Minor Pavement Rehabilitation, asphalt concrete overlay with repairs on:						
1) I-270 from CSX RR bridge (E of Smoky Row) to CSX/NS RR bridge (E of US 23)						
2) SR-315 from SR-161 to Clubview Blvd.						
	Con \$5,040 IM Con \$605 NHPP Con \$627 State					
	\$6,272					
Total Costs (includes costs prior to SFY18)*: \$6,272						
3383	ODOT 6 FRA-IR270-29.39	105501	E 2.31 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Preventive Pavement Maintenance						
I-270 (East Outerbelt) from N of Dempsey Rd to S of Sunbury Rd, Preventive Pavement Maintenance, AC overlay w/o repairs (SLM 30.23-31.70); AC overlay with repairs (SLM 29.39-31.70)						
		Con \$2,759 Federal Con \$307 State				
		\$3,066				
Total Costs (includes costs prior to SFY18)*: \$3,066						
3299	ODOT 6 FRA-IR270-30.60 CD Lanes	105137	E 3.18 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 032 - Preservation						
Project Type: Resurfacing						
I-270 from SR-161 to McCutcheon Rd, Resurfacing, mill and fill collector-distributor (CD) lanes.						
	PE Envir \$69 NHPP PE Envir \$8 State PE DD \$12 NHPP PE DD \$1 State	Con \$3,510 NHPP Con \$390 State				
	\$90	\$3,900				
Total Costs (includes costs prior to SFY18)*: \$3,990						
2750	ODOT 6 FRA-IR270-39.53 (Noise W	93359	E 4.16 mi Local Let <input type="checkbox"/>	MTP Reference: Project ID 204 Ped Components: No information provided. Bike Components: No information provided.		
Statewide Line Item: 028 - Noise Wall Program						
Project Type: Noise Walls						
I-270 from E Broad St to Noe-Bixby Rd, Noise Walls,						
		Con \$6,741 State				
		\$6,741				
Total Costs (includes costs prior to SFY18)*: \$6,741						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length		
County-Route-Section						
Project Location and Description						
2018		2019		2020		2021
Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
3254	ODOT 6	102023	E	0.02	mi	MTP Reference: Project ID 203
FRA-IR270-45.84			Local Let			Ped Components: No information provided.
Statewide Line Item: 032 - Preservation			Bike Components: No information provided.			
Project Type: Bridge Deck Replacement						
Winchester Pk at I-270, Bridge Deck Replacement, New deck and approach slabs. New concrete parapets. Semi-intergral abutments. New weathering steel beams.						
		Con \$1,391 NHPP				
		Con \$155 State				
		\$1,545				
Total Costs (includes costs prior to SFY18)*: \$1,545						
3298	ODOT 6	103118	E		mi	MTP Reference: Project ID 204
FRA-IR270-Roberts Rd Diam			Local Let			Ped Components: No information provided.
Statewide Line Item: 015 - Highway Safety Program			Bike Components: No information provided.			
Project Type: Reactive Maintenance						
I-270 at Roberts Rd, Reactive Maintenance, diamond grinding of pavement within the interchange to improve safety.						
		Con \$430 State				
		\$430				
Total Costs (includes costs prior to SFY18)*: \$430						
2456	ODOT 6	76420	E	2.81	mi	MTP Reference: Project ID 204
FRA-SR315-00.49			Local Let			Ped Components: No information provided.
Statewide Line Item: 032 - Preservation			Bike Components: No information provided.			
Project Type: Minor Pavement Rehabilitation						
SR-315 from Sullivant Ave to I-670 on-ramp, Minor Pavement Rehabilitation, and Columbus Urban Paving on SR-315C: Ramp from I-670 westbound to Goodale St, continuing west on Goodale St to Olentangy River Rd, continuing north on Olentangy River Rd to SR-315						
		Con \$345 STBG-S				
		Con \$1,293 NHS				
		Con \$323 State				
		Con \$120 Local				
		\$2,082				
Total Costs (includes costs prior to SFY18)*: \$2,082						
3340	ODOT 6	104980	E	0	mi	MTP Reference: Project ID 203
FRA-SR315-11.66			Local Let			Ped Components: No information provided.
Statewide Line Item: 032 - Preservation			Bike Components: No information provided.			
Project Type: Bridge Replacement						
Wilson Bridge Rd at SR-315, Bridge Replacement, Wilson Bridge Rd over SR 315 bridge deck replacement						
		PE Envir \$359 NHPP	PE DD \$63 NHPP			Con \$1,370 NHPP
		PE Envir \$90 State	PE DD \$16 State			Con \$342 State
		\$449	\$79			\$1,712
Total Costs (includes costs prior to SFY18)*: \$2,240						
3230	ODOT 6	103621	E		mi	MTP Reference: Project ID 203
FRA-SR317-16.68			Local Let			Ped Components: No information provided.
Statewide Line Item: 032 - Preservation			Bike Components: No information provided.			
Project Type: Bridge Deck Overlay						
Hamilton Rd at Big Walnut Creek, Bridge Deck Overlay, place concrete deck overlay on FRA-317-16.68 structure						
		PE Envir \$44 NHPP	Con \$342 NHPP			
		PE Envir \$11 State	Con \$86 State			
		PE DD \$8 NHPP				
		PE DD \$2 State				
		\$64	\$428			
Total Costs (includes costs prior to SFY18)*: \$492						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
3048 Columbus	99420 E 0.2 mi	MTP Reference: Project ID 767				
FRA-CR505-02.65	Local Let <input checked="" type="checkbox"/>	Ped Components: No information provided.				
Statewide Line Item: 015 - Highway Safety Program		Bike Components: No information provided.				
Project Type: Intersection Modification						
Mound St at Central Ave/Harrisburg Pk, Intersection Modification, Resurface Mound to modify lane assignments and directional markings. Reconstruct traffic signal at Central/Harrisburg Pike to eliminate near-sided signal and convert the NB left-turn lane t						
Con \$525 HSIP						
Con \$117 Local						
\$641						
Total Costs (includes costs prior to SFY18)*: \$825						
3335 ODOT 6	104949 E 0 mi	MTP Reference: Project ID 203				
FRA-SR665-14.00	Local Let <input type="checkbox"/>	Ped Components: No information provided.				
Statewide Line Item: 032 - Preservation		Bike Components: No information provided.				
Project Type: Bridge Repair						
SR-665 at Scioto River, Bridge Repair, deck overlay.						
	PE Envir \$76 STBG-S	PE DD \$14 STBG-S				
	PE Envir \$19 State	PE DD \$3 State				
		Con \$616 STBG-S				
		Con \$154 State				
	\$95	\$787				
Total Costs (includes costs prior to SFY18)*: \$882						
3235 ODOT 6	98148 E 0.1 mi	MTP Reference: Project ID 203				
FRA-IR670-06.05	Local Let <input type="checkbox"/>	Ped Components: No information provided.				
Statewide Line Item: 032 - Preservation		Bike Components: No information provided.				
Project Type: Bridge Repair						
I-670 at CSX/NS RR (0.22 mi E of Joyce Ave), Bridge Repair, Concrete deck overlay						
		Con \$1,915 NHPP				
		Con \$213 State				
		\$2,128				
Total Costs (includes costs prior to SFY18)*: \$2,128						
3045 ODOT	99387 E 0.2 mi	MTP Reference: Project ID 204				
LIC-Etna OP-	Local Let <input type="checkbox"/>	Ped Components: No information provided.				
Statewide Line Item: 099 - State Funded Programs		Bike Components: No information provided.				
Project Type: Buildings						
Etna Outpost, Buildings, Construction of new outpost building at existing Etna Outpost in Licking Co at SR 310 & Refugee Rd. The project will also include the demolition of the existing outpost building.						
	PE Envir \$1 State	PE DD \$50 State				
		Con \$550 State				
	\$1	\$600				
Total Costs (includes costs prior to SFY18)*: \$601						
3233 ODOT	97996 E 14.26 mi	MTP Reference: Project ID 204				
LIC-SR016-00.00	Local Let <input type="checkbox"/>	Ped Components: No information provided.				
Statewide Line Item: 032 - Preservation		Bike Components: No information provided.				
Project Type: Resurfacing						
SR-16 from Franklin Co Line to SR-37, Resurfacing, 5% partial/full depth repairs, 1" Smooth Seal						
		PE Envir \$1 State	Con \$2,141 NHPP			
			Con \$297 State			
			Con \$238 Local			
		\$1	\$2,676			
Total Costs (includes costs prior to SFY18)*: \$2,677						

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# Projects Included by Statewide Line Items for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length		
Project Location and Description						
2018	2019	2020	2021	Future Years**		
Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source		
3267	Licking County LIC-2017 Curve Sign-Upgrade	104237	E mi	MTP Reference:	Project ID 204	
			Local Let <input type="checkbox"/>	Ped Components:	No information provided.	
Statewide Line Item: 016 - Local Government Programs				Bike Components:	No information provided.	
Project Type: Signage						
Licking Co 2017 Curve Sign Upgrade, Signage, Purchase of sign material for sign upgrades on various routes throughout Licking County.						
Con	\$14 HSIP-C					
	\$14					
Total Costs (includes costs prior to SFY18)*: \$14						
3385	ODOT 6 MAD-SR161/UNI-38-00.00/00.08	105512	E 10.99 mi	MTP Reference:	Project ID 204	
			Local Let <input type="checkbox"/>	Ped Components:	No information provided.	
Statewide Line Item: 032 - Preservation				Bike Components:	No information provided.	
Project Type: Preventive Pavement Maintenance						
SR-161 from W of US-42 to Eiterman Rd, Preventive Pavement Maintenance, Fine Graded Polymer Asphalt Concrete Overlay. Also includes segment of SR-161 from CR-4 to CR-38 in western Union Co.						
	Con \$1,723 Federal					
	Con \$403 State					
	Con \$28 Local					
	\$2,154					
Total Costs (includes costs prior to SFY18)*: \$2,154						
3342	ODOT 6 PIC-SR674-10.19	105025	E 0.01 mi	MTP Reference:	Project ID 204	
			Local Let <input type="checkbox"/>	Ped Components:	No information provided.	
Statewide Line Item: 011 - Geologic Site Assessment				Bike Components:	No information provided.	
Project Type: Slide Repair						
SR-674 from Perrill Rd N to Smith Rd, Slide Repair, Slide repair on PIC-674 just south of Franklin/Pickaway county line. Work also to include repair of existing bridge (culvert) at Big Run.						
		PE DD \$75 State				
		Con \$421 STBG-S				
		Con \$105 State				
		\$601				
Total Costs (includes costs prior to SFY18)*: \$601						
2757	ODOT 6 UNI-US033-24.57	94145	E 1.87 mi	MTP Reference:	Project ID 204	
			Local Let <input type="checkbox"/>	Ped Components:	No information provided.	
Statewide Line Item: 032 - Preservation				Bike Components:	No information provided.	
Project Type: Resurfacing						
US-33 from Post Rd to Avery Rd, Resurfacing, includes ramps at Post Rd and a section of SR-161.						
	Con \$935 NHPP					
	Con \$333 State					
	Con \$9 Local					
	\$1,278					
Total Costs (includes costs prior to SFY18)*: \$1,278						
3275	ODOT 6 UNI-SR736-01.16	95776	E 0.3 mi	MTP Reference:	Project ID 203	
			Local Let <input type="checkbox"/>	Ped Components:	No information provided.	
Statewide Line Item: 032 - Preservation				Bike Components:	No information provided.	
Project Type: Bridge Deck Replacement						
SR-736 at Robinson Rd (just N of Hickory Ridge Rd), Bridge Deck Replacement, Only 1 of 3 structures within MPO. Replace slabs (superstructure) on two structures. Reuse existing piers but replace abutments down to top of footing. Full replacement of slab b						
	Con \$1,120 STBG-S					
	Con \$420 State					
	\$1,540					
Total Costs (includes costs prior to SFY18)*: \$1,540						

\*All Amounts in Thousands

\*\*Funding information in the Future Years column is not officially included in the TIP.  
These projects are included in the TIP through Statewide Line Items.



## Projects in the TIP (Including SLIs) with Bicycle Components

MORPC ID	Agency County-Route-Section	Project Description	Component Length (mi.)	Primary Bike Component Const. Year
1797	Delaware County DEL-CR124-SR-315	Home Rd at SR-315, Intersection Modification/Bridge Deck Replacement	0.1	Multi-use path 2018
1965	Pataskala LIC-CR041-07.47	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	1.6	Widen shoulder 2018
2452	ODOT 6 FRA-IR070-15.29 (Proj 5)	I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening/Bridge Reconstruction	0.0	Maybe - To be determined LR*
2568	COTA FRA-COTA Canal Winchester	COTA Canal Winchester Park & Ride, Transit Activity/Operations Facility	0.0	Maybe - To be determined 2018
2651	Columbus FRA-Lazelle Rd-Phase A	Lazelle Rd Phase A from N High St to Flint Rd, Minor Widening/Multi-Use Path	0.7	Multi-use path 2018
2652	Columbus FRA-Lazelle Rd-Phase C	Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening/Multi-Use Path	0.2	Multi-use path 2019
2653	Columbus DEL-CR615-00.00	Polaris Pkwy from I-71 to Olde Worthington Rd, Major Widening/Intersection Modification	0.8	Multi-use path 2018
2850	Delaware DEL-US036-10.59	E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening	0.0	Maybe - To be determined 2019
2874	ODOT 6 FRA-IR070-14.00 (Ph 4B)	I-70/I-71 Innerbelt (Phase 4B), Major Widening/Bridge Replacement	0.0	Bicycle lanes LR*
2918	Columbus FRA-CR003-12.96	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	0.8	Bicycle lanes 2021
2940	Pickerington FAI-CR007-01.57	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	0.9	Multi-use path 2019
2941	Delaware DEL-US036-07.87	Delaware Signal System Upgrade, Signals	0.0	Bicycle detectors LR*
2942	Columbus FRA-CR103-02.56	N Hamilton Rd from Morse Rd to Preserve Blvd, Major Widening/Intersection Modification	1.6	Multi-use path 2021
2944	Columbus FRA-Olentangy Trail-Extensio	Olentangy Trail from Worthington Hills Park to Highview Dr, Multi-Use Path	0.4	Multi-use path 2019
2946	Grandview Heights FRA-Grandview Heights Signa	Grandview Heights Signals Interconnect, Signalization	0.0	Bicycle detectors 2019
2950	Columbus FRA-Olentangy Trail-Bethel R	Olentangy Trail from Olentangy River Rd/Bethel Rd to Antrim Park, Multi-Use Path	0.6	Multi-use path 2019
2951	Columbus FRA-CR014-01.99	Refugee Road from Winchester Pike to Hamilton Road, Sidewalks/Multi-Use Path	1.8	Multi-use path 2020
2952	Whitehall FRA-Whitehall Signals Interco	Whitehall Signals Interconnect, Signalization	0.0	Bicycle detectors 2020
2953	Bexley FRA-Bexley Signals Interconn	Bexley Signals Interconnect, Signalization	0.0	Bicycle detectors 2019
2954	Upper Arlington FRA-CR058-01.24	Reed Rd from Lane Rd to Henderson Rd, Reconstruction	0.0	Bicycle signage 2018
2956	Columbus FRA-Johnstown Rd-Alum Cree	Johnstown Rd from Alum Creek Trail to Cassady Ave, Multi-Use Path/Bicycle Lanes	1.7	Bicycle lanes 2020
2996	Pataskala LIC-TR169-00.00 Sidewalk	Taylor Rd from Cleveland Rd to Havens Corner, Multi-Use Path	1.3	Multi-use path 2018

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Bicycle Components

MORPC ID	Agency County-Route-Section	Project Description	Component Length (mi.)	Primary Bike Component Const. Year
3212	Delaware DEL-US036-11.030	US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening/Bridge Replacement	0.3	Multi-use path on 2 sides LR*
3253	Whitehall FRA-SR016-06.87	E Broad St at Hamilton Rd, Intersection Modification	0.4	Multi-use path LR*
3262	Delaware County DEL-Africa Rd-Resurfacing	Africa Rd from Lewis Center Rd to Cheshire Rd, Resurfacing	4.4	Widen shoulder LR*
3276	Delaware County DEL-Red Bank Rd-Resurfacing	Red Bank Rd from Smothers Rd to Gorsuch Rd, Resurfacing	1.6	Widen shoulder LR*
3277	Franklin County FRA-Agler Rd-Alum Creek	Agler Rd at Alum Creek, Bridge Replacement	0.3	Shared-lane markings/Sharrows LR*
3278	Franklin County FRA-Trabue Rd-Scioto River	Trabue Rd at Scioto River, Bridge Deck Replacement	0.3	Widen shoulder LR*
3281	Upper Arlington FRA-CR052-02.87	Fishinger Rd from Mountview Rd to Tremont Rd, Reconstruction	0.9	Bicycle signage LR*
3282	Columbus FRA-Bike Share Expansion-	Bike Share Expansion, Bike Share	0.0	Modify existing facilities 2019
3283	Columbus FRA-Souder Ave-Multi-Use Pa	Souder Ave from W Broad St to Dublin Rd, Multi-Use Path/New Bridge	0.4	Multi-use path LR*
3293	ODOT 6 FRA-IR070-14.30 (Proj 2E)	I-70/I-71 Innerbelt (Phase 2E), Major Widening/Interchange Modification	0.2	Bicycle lanes 2019
3294	ODOT 6 FRA-IR071-17.46 (Proj 3B)	I-70/I-71 Innerbelt (Phase 3B), Major Widening/New Roadway	0.6	Bicycle lanes 2020
3295	ODOT 6 FRA-IR070-12.68 (Proj 4R)	I-70/I-71 Innerbelt (Phase 4R), Major Widening/Interchange Modification	0.1	Bicycle lanes 2021
3300	Canal Winchester FRA-Groveport Rd-Bikeway	Groveport Rd from Walnut Woods Metro Park to W of Gender Rd, Multi-Use Path	1.0	Multi-use path 2018
3303	Canal Winchester FRA-Cherry Landing Bikeway	Cherry Landing Bikeway Extension from Gender Rd to Waterloo St, Multi-Use Path	0.7	Multi-use path 2018
3304	Canal Winchester FRA-Canal Winchester Bikew	Canal Winchester Bikeway Extension from Municipal Pool Lot to Stradley Place, Multi-Use Path	0.3	Multi-use path 2019
3305	Canal Winchester FRA-Gender Rd-Bikeway Ext	Gender Rd from Dietz Rd to Fox Hill Dr, Multi-Use Path	0.4	Multi-use path 2021
3314	Grove City FRA-Grant Run Trail-Hoover R	Grant Run Trail from Hoover Rd to Buckeye Parkway, Multi-Use Path	1.8	Multi-use path 2021
3315	Grove City FRA-US062-Demorest	Broadway at Demorest, Intersection Modification	0.7	Yes - Type to be determined 2021
3325	Powell DEL-Martin Perry Dr-New Roa	Martin Perry Dr from SR 750 to S Liberty St, New Roadway	0.4	Multi-use path 2021
3330	ODOT 6 FRA-IR071-09.62/09.71	I-71 from Stringtown Rd to SR-315, Major Widening/Interchange Modification	0.0	Other 2018
3347	Columbus FRA-US033-Livingston Ph C	Livingston Ave from S 5th St to Kennedy Ave, Bicycle Lanes/Reconstruction	0.4	Bicycle lanes 2018
3349	Columbus FRA-Wilson Rd-Shared Use P	Wilson Rd from Sullivant Ave to W Broad St, Multi-Use Path/Intersection Modification	0.8	Multi-use path 2018

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Bicycle Components

MORPC ID	Agency County-Route-Section	Project Description	Component Length (mi.)	Primary Bike Component Const. Year
3353	Columbus FRA-Cannon Dr-Relocation	Cannon Dr from King Ave to John H Herrick Dr, Realignment	0.5	Multi-use path 2018
3354	New Albany FRA-Dublin-Granville Rd-W M	Dublin-Granville Rd from W Main St to Market St, Reconstruction/Multi-Use Path	0.4	Multi-use path 2018
3355	New Albany FRA-Dublin-Granville Rd-Harl	Dublin-Granville Rd from Harlem Rd to Greensward Rd, Multi-Use Path	0.1	Multi-use path 2018
3357	New Albany LIC-Jug St-Phase 1	Jug St from Harrison Rd to Mink St, Reconstruction/Bicycle Lanes	1.2	Bicycle lanes 2018
3361	New Albany FRA-Dublin-Granville Rd-Path	Dublin-Granville Rd from New Albany west corp limit to Greensward Rd, Multi-Use Path	0.4	Multi-use path 2019
3362	New Albany FRA-SR605-Path	SR 605 from Central College Rd to Walnut St, Multi-Use Path	1.0	Multi-use path 2019
3363	New Albany LIC-Jug St-Phase 2	Jug St from Beech Rd to Harrison Rd, Reconstruction	0.0	Bicycle lanes 2019
3366	New Albany FRA-Reynoldsburg-New Alban	Reynoldsburg-New Albany Rd from Brandon Rd to Morse Rd, Multi-Use Path	0.0	Multi-use path 2021
3368	Powell DEL-SR750-CSX RR	Olentangy St from CSX RR to Grace Dr, Minor Widening/Streetscape	0.3	Bicycle signage 2019
3369	Powell DEL-Liberty St-Streetscape	Liberty St from drive at 50 S Liberty St to E Case St, Streetscape	0.2	Bicycle signage 2020
3370	Powell DEL-SR750-Beech Ridge Dr/	Olentangy St at Beech Ridge Dr/Bartholomew Blvd, Intersection Modification/Resurfacing	0.1	Multi-use path 2020
3390	Franklin County FRA-CR122-Rohr Rd	Alum Creek Dr at Rohr Rd, Intersection Modification	0.0	Other 2018
3392	Delaware County DEL-Liberty Rd-Jewett Rd	Liberty Rd at Jewett Rd, Intersection Modification/Multi-Use Path	0.3	Multi-use path 2018
3393	Franklin County FRA-Morse Rd-Kitzmiller Rd	Morse Rd at Kitzmiller Rd, Intersection Modification	0.0	Widen shoulder 2019
3394	Franklin County FRA-SR317-Rohr Rd	London-Groveport Rd at Rohr Rd, Intersection Modification	0.0	Other 2019
3395	Franklin County FRA-Refugee Rd-Big Walnut	Refugee Rd at Big Walnut Creek, Bridge Rehabilitation	0.0	Maybe - To be determined 2020
3412	Dublin FRA-Riverside Dr E-Section 1	Riverside Dr E from Tonti Dr to Wyandotte Woods Blvd, Multi-Use Path	0.6	Multi-use path 2021
3414	Dublin FRA-Summit View Rd-Riversid	Summit View Rd from Riverside Dr to Campden Lakes Blvd, Multi-Use Path	0.2	Multi-use path 2018
3415	Dublin FRA-Wilcox Rd-Northcliff Blvd	Wilcox Rd from Northcliff Blvd to Heather Glen Blvd, Multi-Use Path	0.2	Multi-use path 2020
3430	Gahanna FRA-US-62-Agler Rd	US-62 from Agler Rd to Stygler Rd, Intersection Modification	0.5	Multi-use path 2021

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Bicycle Components

MORPC	Agency			Primary Bike Component
ID	County-Route-Section	Project Description	Component Length (mi.)	Const. Year

### Summary of Primary Bike Components

Primary Bike Component	Number of Projects	Total Miles
Bicycle detectors	5	0.00
Bicycle lanes	10	5.43
Bicycle signage	4	1.44
Maybe - To be determined	7	0.00
Modify existing facilities	1	0.00
Multi-use path	41	25.80
Multi-use path on 2 sides	5	7.96
Other	3	0.00
Shared-lane markings/Sharrows	1	0.28
Widen shoulder	6	8.10
Yes - Type to be determined	3	0.66

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Pedestrian Components

MORPC ID	Agency County-Route-Section	Project Description	Component Length (mi.)	Primary Pedestrian Component	Const. Year
207	Dublin FRA-Tuttle Crossing Blvd-Exte	Tuttle Crossing Blvd from Wilcox Rd to Avery Rd, New Roadway	1.8	Multi-use path on 2 sides	2019
718	Columbus FRA-Cassady Ave--	Cassady Ave from CSX Railroad to north of E 7th Ave, Minor Widening/Intersection Modification	0.8	Sidewalk on 2 sides	LR*
724	Hilliard FRA-Scioto Darby-Leppert	Scioto Darby Rd & Leppert Rd, Major Widening/Minor Widening	4.2	Multi-use path on 2 sides	2018
726	Hilliard FRA-CR039-00.00	Cosgray Rd extension from Scioto Darby Rd to Alton & Darby Creek Rd N of Heritage Club Dr, New Roadway/Realignment	0.2	Multi-use path on 2 sides	2021
872	Franklin County FRA-CR027-07.85	Trabue Rd at Buckeye Railroad Yard, E of Hilliard-Rome Rd, Bridge Repair	0.1	Multi-use path	2019
875	Franklin County FRA-Winchester Pike-George	Winchester Pike at Georges Creek, Bridge Replacement	0.2	Widen shoulder	LR*
929	Columbus FRA-SR016-(E Broad St)	E Broad St from I-270 to Outerbelt St, Major Widening/Intersection Modification	2.0	Sidewalk on 1 side, multi-use path on 1 side	LR*
1146	Franklin County FRA-CR037-Leppert Rd	Leppert Rd from Davidson Rd to Hayden Run Rd, Minor Widening	1.0	Sidewalk on 1 side, multi-use path on 1 side	2019
1149	Hilliard FRA-CR029-Walcutt Rd	Scioto Darby Rd at Walcutt Rd, Intersection Modification	0.0	Yes - Type to be determined	2021
1150	Hilliard FRA-CR040-Hayden Run Rd	Wilcox Rd at Hayden Run Rd, Intersection Modification	0.0	Yes - Type to be determined	2020
1170	Franklin County FRA-CR546-12.90	E Dublin-Granville Rd at Rocky Fork Creek, Bridge Repair	0.0	Maybe - To be determined	2021
1250	Franklin County FRA-CR015-05.62	Livingston Ave at Blacklick Creek, Bridge Rehabilitation	0.0	Replace existing facilities	2018
1253	Upper Arlington FRA-Fifth Ave-Path	Fifth Ave from Dublin Rd to Andover Rd, Multi-Use Path/Reconstruction	0.4	Multi-use path	2018
1256	Franklin County FRA-CR006-06.26	Reynoldsburg-New Albany Rd at Clark State Rd (CR-95), Turn Lane Addition	0.0	Maybe - To be determined	2020
1272	Worthington FRA-CR084-01.36	Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening/Intersection Modification	0.3	Multi-use path	LR*
1416	Gahanna FRA-W Johnstown Rd-Styler	W Johnstown Rd from Styler Rd to Olde Ridenour Rd, Minor Widening	1.6	Sidewalk on 1 side, multi-use path on 1 side	2021
1434	Canal Winchester FRA-SR674-Phase IV	Gender Rd at Groveport Rd, Intersection Modification	0.3	Multi-use path	2018
1495	Hilliard FRA-CR039-Cosgray Rd	Cosgray Rd from Scioto Darby Rd to Baldwin Rd, Multi-Use Path/Resurfacing	3.0	Multi-use path on 2 sides	2021
1565	Columbus FRA-SR317-10.63	S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement/Multi-Use Path	3.6	Sidewalk on 1 side, multi-use path on 1 side	2019
1703	Gahanna FRA-Big Walnut Trail-Section	Big Walnut Trail from Pizzurro Park Dr to Galloway Reserve near Rocky Fork Dr S, Multi-Use Path	1.1	Multi-use path	2019
1732	Columbus FRA-Lazelle Rd-Phase B	Lazelle Rd Phase B from Flint Rd to Sancus Blvd, Major Widening/Bridge Replacement	1.2	Sidewalk on 1 side, multi-use path on 1 side	2020
1792	ODOT 6 FRA-US062-10.67	Harrisburg Pk from Eakin Rd/Hopkins Ave to Brown Rd, Minor Widening/Sidewalks	2.0	Sidewalk on 2 sides	2019

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Pedestrian Components

MORPC ID	Agency County-Route-Section	Project Description	Primary Pedestrian Component Component Length (mi.)	Const. Year
1794	New Albany FRA-New Albany-Signals	New Albany Signals, Signalization	0.0	ADA curb ramps 2019
1797	Delaware County DEL-CR124-SR-315	Home Rd at SR-315, Intersection Modification/Bridge Deck Replacement	0.2	Multi-use path 2018
1965	Pataskala LIC-CR041-07.47	Mink St from 400' N of Broad St to bridge N of Havens Corner Rd, Reconstruction	0.0	Widen shoulder 2018
2452	ODOT 6 FRA-IR070-15.29 (Proj 5)	I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening/Bridge Reconstruction	0.0	Maybe - To be determined LR*
2568	COTA FRA-COTA Canal Winchester	COTA Canal Winchester Park & Ride, Transit Activity/Operations Facility	0.0	Transit shelters 2018
2626	Columbus FRA-Columbus-Binns/Burrou	Near Binns and Burroughs elementary schools, Sidewalks/Safety Improvement	0.0	Sidewalk on 1 side 2019
2651	Columbus FRA-Lazelle Rd-Phase A	Lazelle Rd Phase A from N High St to Flint Rd, Minor Widening/Multi-Use Path	1.0	Sidewalk on 1 side, multi-use path on 1 side 2018
2652	Columbus FRA-Lazelle Rd-Phase C	Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening/Multi-Use Path	0.8	Sidewalk on 1 side, multi-use path on 1 side 2019
2653	Columbus DEL-CR615-00.00	Polaris Pkwy from I-71 to Olde Worthington Rd, Major Widening/Intersection Modification	1.6	Sidewalk on 1 side, multi-use path on 1 side 2018
2836	Delaware County DEL-CR024-00.07	S Old 3C Hwy from Mt Royal Ave to Freeman Rd, Minor Widening/Signalization	0.0	Sidewalk on 1 side 2018
2841	Columbus FRA-James Rd-Livingston Ave	James Rd from Livingston Ave to E Main St, Reconstruction	0.0	Replace existing facilities 2018
2850	Delaware DEL-US036-10.59	E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening	0.0	Modify existing facilities 2019
2874	ODOT 6 FRA-IR070-14.00 (Ph 4B)	I-70/I-71 Innerbelt (Phase 4B), Major Widening/Bridge Replacement	0.0	Modify existing facilities LR*
2904	Columbus FRA-US040-22.16	E Main St from I-270 to McNaughten Rd, Safety Improvement	0.2	Sidewalk on 2 sides 2019
2918	Columbus FRA-CR003-12.96	Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification/Sidewalks	0.2	Sidewalk on 2 sides 2021
2919	Columbus FRA-CR015-01.65	Livingston Ave at Barnett Rd, Intersection Modification/Sidewalks	0.1	Sidewalk on 1 side 2019
2940	Pickerington FAI-CR007-01.57	Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening/Intersection Modification	2.2	Sidewalk on 1 side, multi-use path on 1 side 2019
2941	Delaware DEL-US036-07.87	Delaware Signal System Upgrade, Signals	0.0	Maybe - To be determined LR*
2942	Columbus FRA-CR103-02.56	N Hamilton Rd from Morse Rd to Preserve Blvd, Major Widening/Intersection Modification	3.2	Sidewalk on 1 side, multi-use path on 1 side 2021
2944	Columbus FRA-Olentangy Trail-Extensio	Olentangy Trail from Worthington Hills Park to Highview Dr, Multi-Use Path	0.4	Multi-use path 2019
2945	Columbus FRA-SGNL-Phase E	Signals Phase E, Signalization	0.0	ADA curb ramps 2020
2950	Columbus FRA-Olentangy Trail-Bethel R	Olentangy Trail from Olentangy River Rd/Bethel Rd to Antrim Park, Multi-Use Path	0.6	Multi-use path 2019

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Pedestrian Components

MORPC ID	Agency County-Route-Section	Project Description	Primary Pedestrian Component Component Length (mi.)	Const. Year
2951	Columbus FRA-CR014-01.99	Refugee Road from Winchester Pike to Hamilton Road, Sidewalks/Multi-Use Path	Sidewalk on 1 side, multi-use path on 1 side 3.6	2020
2952	Whitehall FRA-Whitehall Signals Interco	Whitehall Signals Interconnect, Signalization	0.0	ADA curb ramps 2020
2953	Bexley FRA-Bexley Signals Interconn	Bexley Signals Interconnect, Signalization	0.0	ADA curb ramps 2019
2954	Upper Arlington FRA-CR058-01.24	Reed Rd from Lane Rd to Henderson Rd, Reconstruction	0.0	ADA curb ramps 2018
2956	Columbus FRA-Johnstown Rd-Alum Cree	Johnstown Rd from Alum Creek Trail to Cassady Ave, Multi-Use Path/Bicycle Lanes	0.4	Multi-use path 2020
2996	Pataskala LIC-TR169-00.00 Sidewalk	Taylor Rd from Cleveland Rd to Havens Corner, Multi-Use Path	1.6	Multi-use path 2018
3072	Hilliard FRA-Franklin St & Columbia S	Franklin St & Columbia St, Reconstruction/Sidewalks	0.0	Sidewalk on 2 sides 2018
3092	ODOT 6 FRA-US033-08.78	US 33 at Fishing Rd, Intersection Modification/Minor Widening	0.0	Modify existing facilities 2019
3212	Delaware DEL-US036-11.030	US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening/Bridge Replacement	0.7	Multi-use path on 2 sides LR*
3228	ODOT 6 FRA-Hamilton Rd-Livingston A	Hamilton Rd at Livingston Ave, Safety Improvement	0.0	Modify existing facilities 2018
3253	Whitehall FRA-SR016-06.87	E Broad St at Hamilton Rd, Intersection Modification	0.0	Modify existing facilities LR*
3262	Delaware County DEL-Africa Rd-Resurfacing	Africa Rd from Lewis Center Rd to Cheshire Rd, Resurfacing	4.4	Widen shoulder LR*
3276	Delaware County DEL-Red Bank Rd-Resurfacin	Red Bank Rd from Smothers Rd to Gorsuch Rd, Resurfacing	1.6	Widen shoulder LR*
3277	Franklin County FRA-Agler Rd-Alum Creek	Agler Rd at Alum Creek, Bridge Replacement	0.0	Replace existing facilities LR*
3278	Franklin County FRA-Trabue Rd-Scioto River	Trabue Rd at Scioto River, Bridge Deck Replacement	0.3	Widen shoulder LR*
3281	Upper Arlington FRA-CR052-02.87	Fishing Rd from Mountview Rd to Tremont Rd, Reconstruction	0.0	Modify existing facilities LR*
3283	Columbus FRA-Souder Ave-Multi-Use Pa	Souder Ave from W Broad St to Dublin Rd, Multi-Use Path/New Bridge	0.4	Multi-use path LR*
3293	ODOT 6 FRA-IR070-14.30 (Proj 2E)	I-70/I-71 Innerbelt (Phase 2E), Major Widening/Interchange Modification	0.0	Modify existing facilities 2019
3294	ODOT 6 FRA-IR071-17.46 (Proj 3B)	I-70/I-71 Innerbelt (Phase 3B), Major Widening/New Roadway	0.6	Sidewalk on 1 side 2020
3295	ODOT 6 FRA-IR070-12.68 (Proj 4R)	I-70/I-71 Innerbelt (Phase 4R), Major Widening/Interchange Modification	0.0	Modify existing facilities 2021
3300	Canal Winchester FRA-Groveport Rd-Bikeway	Groveport Rd from Walnut Woods Metro Park to W of Gender Rd, Multi-Use Path	1.0	Multi-use path 2018
3303	Canal Winchester FRA-Cherry Landing Bikeway	Cherry Landing Bikeway Extension from Gender Rd to Waterloo St, Multi-Use Path	0.7	Multi-use path 2018

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Projects in the TIP (Including SLIs) with Pedestrian Components

MORPC ID	Agency County-Route-Section	Project Description	Primary Pedestrian Component Component Length (mi.)	Const. Year
3395	Franklin County FRA-Refugee Rd-Big Walnut	Refugee Rd at Big Walnut Creek, Bridge Rehabilitation	0.0	Replace existing facilities 2020
3412	Dublin FRA-Riverside Dr E-Section 1	Riverside Dr E from Tonti Dr to Wyandotte Woods Blvd, Multi-Use Path	0.6	Multi-use path 2021
3414	Dublin FRA-Summit View Rd-Riversid	Summit View Rd from Riverside Dr to Campden Lakes Blvd, Multi-Use Path	0.2	Multi-use path 2018
3415	Dublin FRA-Wilcox Rd-Northcliff Blvd	Wilcox Rd from Northcliff Blvd to Heather Glen Blvd, Multi-Use Path	0.2	Multi-use path 2020
3430	Gahanna FRA-US-62-Agler Rd	US-62 from Agler Rd to Stygler Rd, Intersection Modification	Sidewalk on 1 side, multi-use path on 1 side 0.9	2021

### Summary of Primary Pedestrian Components

Primary Pedestrian Component	Number of Projects	Total Miles
ADA curb ramps	5	0.00
Maybe - To be determined	4	0.00
Modify existing facilities	11	0.00
Multi-use path	27	13.87
Multi-use path on 2 sides	5	9.94
Other	3	0.10
Pedestrian detectors	2	0.00
Replace existing facilities	4	0.00
Sidewalk on 1 side	4	0.70
Sidewalk on 1 side, multi-use path on 1 side	14	24.50
Sidewalk on 2 sides	5	3.26
Transit shelters	1	0.00
Widen shoulder	5	6.46
Yes - Type to be determined	3	0.66

\*LR = Long Range, i.e., the construction phase is not included in the four-year TIP.



## Intelligent Transportation System Projects

Intelligent Transportation Systems (ITS) refer to an assortment of technologies, systems, and transportation management concepts. ITS plays a key role in a safe, efficient, and innovative transportation system that works for all travelers.

Examples of ITS technologies include interconnected and coordinated signal systems, dynamic message signs, ramp meter signals on the freeway, CCTV traffic cameras that monitor traffic flow and incidents, and transit related systems such as the Automated Vehicle Locators (AVL), which helps determine the real-time location of a vehicle. Along with continued deployment of existing ITS technologies, new ITS technology, such as autonomous and connected vehicles, has the potential to significantly alter the demands placed on the region's transportation system.

### *MORPC's Role in ITS Planning*

One of the most obvious differences between ITS and conventional transportation solutions is the level of interdependency that exists between projects, and the degree to which information, facilities, and infrastructure can be shared with mutual benefit. Since opportunities for system integration and operational coordination extend beyond jurisdictional boundaries, it is important to have the metropolitan planning organization (MPO) involved in planning for both system and inter-jurisdictional integration.

MORPC is responsible for maintaining and updating the regional ITS architecture. In this role MORPC:

- Has an understanding of ITS (including familiarity with the National ITS Architecture);
- Knowledge of local ITS initiatives and projects;
- Vision for interconnectivity, partnership, and regional integration;
- Acts as a consensus builder (facilitator); and

MORPC facilitates the ITS Committee for the central Ohio region. The ITS committee's main purpose is to coordinate ITS activities in central Ohio and assist MORPC in maintaining and updating the regional ITS architecture and ensuring compliance with it. MORPC, working through the ITS committee, will periodically survey local jurisdictions to identify new and upcoming ITS initiatives and makes the changes to the ITS architectures.

### *Central Ohio Regional ITS Architecture*

The full benefits of ITS are not realized unless systems are integrated. Integration can range from computer systems that are physically connected and automatically share data, to people operating systems that "connect" on a regular basis by phone calls or email regarding operations. A framework called the "National ITS Architecture" was developed to help areas like Columbus unify ITS infrastructure deployment and ensure that technologies and people work together smoothly and effectively.

In 2001, a FHWA Final Rule and FTA Policy were published to implement the TEA-21 requirement that all projects with ITS components using federal funds conform to the National ITS Architecture and applicable standards. This Rule/Policy placed a new requirement that any project with ITS components requesting federal dollars must conform to a regional version of the National ITS Architecture before funding will be allocated. This requirement resulted in the 2004 and 2010 Central Ohio Regional ITS Architecture, a document that conforms to the National ITS Architecture. In 2016, a minor update to the regional ITS architecture was completed working in conjunction with



federal and state agencies and with local governments. For this update MORPC utilized Turbo Architecture v7.0 to generate more detailed listings of system inventory and system interconnections. The 2016 Central Ohio Regional ITS Architecture is available online at: <http://www.morpc.org/itsArchitecture/>. The website displays all existing and planned systems and demonstrates the information flow between them. Every time a project with ITS components is implemented, the responsible agency must inform MORPC how the project fits into the ITS architecture. Then, MORPC will share the change with the members of the ITS Committee and incorporate the change in the architecture. All projects with ITS components using federal funding must conform to the Regional ITS Architecture.

### *Examples of ITS in Central Ohio*

One of the most important benefits of ITS and the Architecture is that they enable new ways of thinking about how transportation services are delivered. ITS is about using advanced technologies and new processes to optimize the transportation infrastructure already in place. This can be seen throughout several initiatives in Central Ohio:

The City of Columbus' Computerized Traffic Signal System is a significant ITS system in the Central Ohio region. The existing Columbus Traffic Signal System (CTSS) was conceived and initiated in the 1970's and provided state-of-the-art control for its time. The system has control of more than 1,000 signalized intersections, co-existence/operation of traffic surveillance cameras, and emergency pre-emption in Columbus and surrounding areas and is considered a backbone for the region's ITS network. On the TIP, funding for upgrades to this system has been identified, including a new central traffic control system, as well as fiber optic cable and wireless communications infrastructure. Existing traffic surveillance cameras will be upgraded and new surveillance cameras are added. This project is the third phase in a series of projects to migrate all Columbus traffic signals to a new central traffic control system. Columbus has contacted neighboring jurisdictions to better understand their signal plans and to see if there are opportunities to connect their signals to a regional system.

A freeway management system (FMS) helps the roadway operators to operate the system more safely and efficiently and on a real-time basis and to provide information to the public. The Ohio Department of Transportation (ODOT) expanded and modernized its entire freeway management system, operating from a centralized location at ODOT Central Office in Columbus, Ohio. FMS is designed to enhance incident management, traveler information, and traffic management. Examples of the system include dynamic message signs, destination dynamic message signs, highway advisory radio, closed-circuit TV cameras, and ramp meters on the entrance lanes to freeways. This information is all streamed live via the ODOT's traffic information website, [www.ohgo.com](http://www.ohgo.com), to place consistent, accurate and up-to-the-minute traffic information at personal computers and hand-held devices. These systems are all aimed at reducing congestion, decreasing the number of crashes, and reducing the response time to incidents. A new ITS strategy being studied and expected to be piloted in central Ohio is utilizing freeway shoulders during peak hours along with variable speed limits to provide for more capacity and efficiency of the existing infrastructure.

On the transit side, COTA's bus fleet is equipped with Automatic Vehicle Location (AVL) systems which use on-board computers and a Global Positioning System (GPS) to monitor vehicle locations. Because of the AVL's ability to provide vehicle locations in real time, the system is considered the nexus for the implementation of most other transit ITS systems. This includes real time passenger information and transit signal priority as part of the CMAX Cleveland Avenue BRT along the Cleveland Avenue corridor. In addition, COTA plans to launch Wi-Fi internet access to all of the buses by the end of 2017 and the real time passenger information will be expanded beyond the BRT service. COTA is



also exploring alternative fare media options, such as smartcards and phone application, with the intent of its implementation. COTA is continuing to incorporate ITS technologies into its operations.

Finally, the City of Columbus won the U.S. DOT Smart City Challenge in 2016. This is a major new ITS initiative (called Smart Columbus) that will implement new technology in multiple areas across the region to make the next leap in ITS. Under the overall Smart Columbus umbrella some of the systems being implemented include parking management in the downtown, autonomous vehicles in Easton, smart street lighting and single payment systems along Cleveland Avenue, truck platooning along I-270 on the east side and an integrated data exchange system to manage and make available to the public all of the data.

### ***Intelligent Transportation Systems (ITS) Project Listing***

The following pages display a complete list of ITS-related projects that are included in the TIP.



# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length										
					2018		2019		2020		2021		Future Years**	
Project Location and Description					Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
1793	Delaware County	90243	SA	2.02 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 5' sidewalk on east side from existing walk across from Wynstone Dr, connect to 10' path on east side just south of Orange Rd. (See Bike Components.) 4.04 mi. added to ped network.									
DEL-CR010-0.90					<b>Local Let</b> <input checked="" type="checkbox"/>		<b>Bike Components:</b> Multi-use path. 10' path on west side from Wynstone Dr to Orange Rd; cross to east side just south of Orange Rd, connect to existing path on east side just north of Orange Rd. 1.92 mi. added to bike network.							
Major Widening/Multi-Use Path					<b>MTP Reference:</b> Project ID 98									
S Old State Rd from Polaris Pkwy to Orange Rd, Major Widening from 3 lanes to 5 lanes & Multi-Use Path,														
					Pay \$3,613	STBG-M	Pay \$3,613	STBG-M	Pay \$3,613	STBG-M				
					Pay (\$3,613)	Local-Pay	Pay (\$3,613)	Local-Pay	Pay (\$3,613)	Local-Pay				
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$0		\$0		\$0					
2941	Delaware	105799	E	8.7 mi	<b>Ped Components:</b> Maybe - To be determined.									
DEL-US036-07.87					<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Bicycle detectors.							
Signals					<b>MTP Reference:</b> Project ID 334									
Delaware Signal System Upgrade, Signals, upgrade signal systems covering 37 intersections along Sandusky Street, William Street (US-36), Central Avenue (SR-37), and London Rd in the City of Delaware.														
					PE Envir \$100	Local	PE DD \$300	Local					Con \$2,500	CMAQ-M
							ROW \$125	Local					Con \$1,219	Local
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$100		\$425						\$3,719	
3212	Delaware	103626	SA	0.72 mi	<b>Ped Components:</b> Multi-use path on 2 sides. 0.7 mi. added to ped network.									
DEL-US036-11.030					<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Multi-use path on 2 sides. 0.35 mi. added to bike network.							
Major Widening/Bridge Replacement					<b>MTP Reference:</b> Project IDs 750/ 749									
US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening from 2 lanes to 5 lanes & Bridge Replacement, Construct additional lanes on US 36/SR 37 and reconstruct the CSXT Railroad structure on the east side of Delaware.														
					PE Envir \$3,000	HSIP	PE DD \$1,200	Federal					Con \$13,279	STBG-M
					PE Envir \$333	Local	PE DD \$300	State					Con \$7,046	Local
							PE DD \$500	Local						
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$3,333		\$2,000						\$20,325	
2940	Pickerington	81766	SA	1.29 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 2.24 mi. added to ped network.									
FAI-CR007-01.57					<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Multi-use path. 0.95 mi. added to bike network.							
Major Widening/Intersection Modification					<b>MTP Reference:</b> Project ID 346									
Refugee Rd from Wheatfield Dr to Woodstock Ave, Major Widening from 3 lanes to 5 lanes & Intersection Modification,														
					ROW \$97	HSIP	Con \$2,237	HSIP						
					ROW \$1,034	STBG-M	Con \$4,881	STBG-M						
					ROW \$889	Local	Con \$1,473	Local						
<b>Total Costs (includes costs prior to SFY18)*:</b>					\$14,036		\$8,591							

\*All Amounts in Thousands

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MORPC SFY 2018-2021 TIP



# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Project Type	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
2953	Bexley FRA-Bexley Signals Interconnect-	99789	E	mi	<b>Ped Components:</b> ADA curb ramps. <b>Bike Components:</b> Bicycle detectors.	Local Let <input type="checkbox"/>			
Signalization					<b>MTP Reference:</b> Project ID 334				
Bexley Signals Interconnect, Signalization, replace interconnect equipment and/or install new interconnect lines at 16 signalized intersections: on Main & Broad, Elm/Cassingham (replace signal and radio interconnect) and Fair/Cassady (radio interconnect).									
<b>Total Costs (includes costs prior to SFY18)*:</b> \$1,561						Con \$1,384 CMAQ-M			
						\$1,384			
718	Columbus FRA-Cassady Ave--	105732	E	0.4 mi	<b>Ped Components:</b> Sidewalk on 2 sides. 0.8 mi. added to ped network. <b>Bike Components:</b> Bicycle lanes. 0.4 mi. added to bike network.	Local Let <input checked="" type="checkbox"/>			
Minor Widening/Intersection Modification					<b>MTP Reference:</b> Project ID 53				
Cassady Ave from CSX Railroad to north of E 7th Ave, Minor Widening from 2 lanes to 3 lanes & Intersection Modification, add turn lanes at E 5th Ave intersection and southbound left turn lane at E 7th Ave, install curb and gutter, street lighting.									
						PE Envir \$450 Local	PE DD \$675 Local		
									ROW \$996 STBG-M ROW \$249 Local Con \$6,185 STBG-M Con \$1,546 Local
<b>Total Costs (includes costs prior to SFY18)*:</b> \$10,101						\$450	\$675		\$8,976
3093	COTA FRA-COTA 4G Cellular Connection for Buse	101565	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.	Local Let <input type="checkbox"/>			
Transit Activity/ITS					<b>MTP Reference:</b> Project ID 142				
COTA 4G Cellular Connection for Buses, Transit Activity & ITS, includes Mobile Payments for Fareboxes. 11.62.02									
						Other \$3,750 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$6,250						\$3,750			
3289	COTA FRA-COTA Bus Rapid Transit Corridor-	105118	SA	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.	Local Let <input type="checkbox"/>			
Transit Expansion Capital					<b>MTP Reference:</b> Project ID 5				
COTA Bus Rapid Transit Corridor, Transit Expansion Capital, including pre-project development to apply for New Starts, design, and construction. Location TBD (will be one of the corridors from COTA's NextGen plan).									
						Study \$800 Local-Transit	PE DD \$2,000 Local-Transit	Con \$10,000 Local-Transit	Con \$35,000 Local-Transit
<b>Total Costs (includes costs prior to SFY18)*:</b> \$47,800						\$800	\$2,000	\$10,000	\$35,000
3387	COTA FRA-COTA Farebox Replacement Alt Pay-	105462	E	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.	Local Let <input type="checkbox"/>			
Transit Activity					<b>MTP Reference:</b> Project ID 142				
COTA Farebox Replacement Alt Pay, Transit Activity, Alternative payment system.									
						Other \$3,821 Sec 5307			
						Other \$3,327 Sec 5339			
						Other \$1,787 Local-Transit			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$8,935						\$8,935			

\*All Amounts in Thousands

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
Project Location and Description					2018	2019	2020	2021	Future Years**
					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3285	COTA	105112	E	mi	<b>Ped Components:</b> No information provided.				
	FRA-COTA Mobile Command Center and Se		<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Transit Activity								
	COTA Mobile Command Center and Security Upgrades, Transit Activity, Replacement of COTA's mobile command center and CCTV upgrades for coaches and facilities.								
		Other	\$480	Local-Transit			Other	\$300	Local-Transit
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$780</b>	<b>\$480</b>				<b>\$300</b>		
2868	COTA	96847	E	mi	<b>Ped Components:</b> Not applicable.				
	FRA-COTA Real-Time Digital Displays-		<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> Not applicable.				
	Transit Activity/ITS								
	COTA Real-Time Digital Displays, Transit Activity & ITS, at Major Stops								
		Other	\$250	Local-Transit	Other	\$250	Local-Transit		
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,700</b>	<b>\$250</b>		<b>\$250</b>				
3346	Columbus	NA	E	mi	<b>Ped Components:</b> No information provided.				
	FRA-Downtown Signals-		<b>Local Let</b>	<input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Signals								
	Downtown Signals, Signals, Upgrade traffic signals in Downtown area: Grant/Oak, Oak/Washington, Grant/State, Grant/Town, Town/Washington.								
		Con	\$1,696	Local					
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,696</b>	<b>\$1,696</b>						
2946	Grandview Heights	99738	E	mi	<b>Ped Components:</b> None.				
	FRA-Grandview Heights Signals Interconnect		<b>Local Let</b>	<input checked="" type="checkbox"/>	<b>Bike Components:</b> Bicycle detectors.				
	Signalization								
	Grandview Heights Signals Interconnect, Signalization, at 16 intersections, following earlier Grandview Heights signals project with PID 90390.								
		Con	\$602	CMAQ-M					
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$731</b>	<b>\$602</b>						
1732	Columbus	90406	SA	0.72 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. New 5' wide sidewalk on south side of Lazelle and the east side of realigned S Old State. See path in Bike Components. 1.2 mi. added to ped network.				
	FRA-Lazelle Rd-Phase B		<b>Local Let</b>	<input checked="" type="checkbox"/>	<b>Bike Components:</b> Multi-use path. New 10' path on the north side of Lazelle and the west side of realigned S Old State. 0.75 mi. added to bike network.				
	Major Widening/Bridge Replacement								
	Lazelle Rd Phase B from Flint Rd to Sancus Blvd, Major Widening from 2 lanes to 5 lanes & Bridge Replacement, Realign S Old State Rd with Storrow Dr and construct a roundabout at the intersection. Reconstruct 2 railroad bridges.								
		Con	\$2,804	LTIP					
		Con	\$15,071	STBG-M					
		Con	\$964	Local					
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$24,580</b>					<b>\$18,839</b>		

\*All Amounts in Thousands

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length						
					2018	2019	2020	2021	Future Years**	
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
2652	Columbus	95607	E	0.99 mi	<b>Ped Components:</b>	Sidewalk on 1 side, multi-use path on 1 side. South side will have a continuous 5' sidewalk. North side will have a continuous 10' wide path. 0.8 mi. added to ped network.				
FRA-Lazelle Rd-Phase C					<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b>	Multi-use path. North side will have a continuous 10' wide path. 0.2 mi. added to bike network.			
Minor Widening/Multi-Use Path					<b>MTP Reference:</b> Project ID 262					
Lazelle Rd Phase C from Sancus Blvd to Worthington-Galena Rd, Minor Widening from 2 lanes to 3 lanes & Multi-Use Path,					Con \$4,873 CMAQ-M					
					Con \$0 STBG-M					
					Con \$1,218 Local					
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$7,045</b>	<b>\$6,091</b>				
2665	MORPC	99033	E	mi	<b>Ped Components:</b>	Not Applicable.				
FRA-MORPC FY 18-Rideshare					<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.			
Ridesharing					<b>MTP Reference:</b> Project ID 143					
RideSolutions, SFY 2018, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.					Plan \$760 CMAQ-M					
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$760</b>	<b>\$760</b>				
3019	MORPC	99034	E	mi	<b>Ped Components:</b>	Not applicable.				
FRA-MORPC FY 19-Rideshare					<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.			
Ridesharing					<b>MTP Reference:</b> Project ID 143					
RideSolutions, SFY 2019, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.					Plan \$780 CMAQ-M					
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$780</b>	<b>\$780</b>				
3020	MORPC	99035	E	mi	<b>Ped Components:</b>	Not applicable.				
FRA-MORPC FY 20-Rideshare					<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.			
Ridesharing					<b>MTP Reference:</b> Project ID 143					
RideSolutions, SFY 2020, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.					Plan \$800 CMAQ-M					
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$800</b>	<b>\$800</b>				
3052	MORPC	99036	E	mi	<b>Ped Components:</b>	Not applicable.				
FRA-MORPC FY 21-Rideshare					<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b>	Not applicable.			
Ridesharing					<b>MTP Reference:</b> Project ID 143					
RideSolutions, SFY 2021, Ridesharing, rideshare activities in Central Ohio including: ride matching, marketing, Guaranteed Ride Home, vanpools, program evaluation and administration.					Plan \$820 CMAQ-M					
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$820</b>	<b>\$820</b>				

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3345	Columbus FRA-Neil Ave-Signals	NA	E	1.5 mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Signals								<b>MTP Reference:</b> Project ID 334
	Neil Ave from Goodale Blvd to W 11th Ave, Signals, replace 8 existing traffic signals with new traffic signals.								
					Con \$2,868 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$2,868</b>			<b>\$2,868</b>				
1794	New Albany FRA-New Albany-Signals	99846	E	mi	<b>Ped Components:</b> ADA curb ramps. Replace curb ramps as needed. Install audible signals as needed. <b>Bike Components:</b> Bicycle detectors.				
	Signalization								<b>MTP Reference:</b> Project ID 334
	New Albany Signals, Signalization, interconnect traffic signals at 23 intersections to a master controller via the city's existing fiber-optic system (and 1 radio interconnect), including upgrades to signal controller cabinets to permit full communications. Upgrade signal hardware to current standards. Signals are on US 62, SR-605, Beech Rd, Dublin-Granville Rd, and New Albany Rd E.								
					Con \$995 STBG-M Con \$351 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,676</b>			<b>\$1,346</b>				
2848	MORPC FRA-Paving the Way-FY18	95526	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
	Program Administration								<b>MTP Reference:</b> Project ID 144
	Paving the Way, SFY 2018, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.								
					PE \$150 STBG-M				
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$150</b>			<b>\$150</b>				
3423	MORPC FRA-Paving the Way-FY19	105883	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
	Program Administration								<b>MTP Reference:</b> Project ID 144
	Paving the Way, SFY 2019, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.								
					PE \$150 STBG-M				
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$150</b>			<b>\$150</b>				
3424	MORPC FRA-Paving the Way-FY20	NP	E	mi	<b>Ped Components:</b> Not applicable. <b>Bike Components:</b> Not applicable.				
	Program Administration								<b>MTP Reference:</b> Project ID 144
	Paving the Way, SFY 2020, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.								
							PE \$150 STBG-M		
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$150</b>					<b>\$150</b>		

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018 Project Type	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
Project Location and Description					2018 Project Type	2019 Phase/Amount*/Source	2020 Phase/Amount*/Source	2021 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
3425	MORPC FRA-Paving the Way-FY21	NP	E	mi	NP	Ped Components: Not applicable. Local Let <input type="checkbox"/> Bike Components: Not applicable.			
Program Administration					MTP Reference: Project ID 144				
Paving the Way, SFY 2021, Program Administration, to keep the public informed on the progress of transportation construction throughout Central Ohio and to improve planning and communication of construction projects.									
Total Costs (includes costs prior to SFY18)*:					\$150			PE \$150 STBG-M	\$150
2945	Columbus FRA-SGNL-Phase E	99733	E	mi	NP	Ped Components: ADA curb ramps. Reconstruct ramps where disturbed by the project. Local Let <input checked="" type="checkbox"/> Bike Components: None. No change to the vehicle detection equipment is included.			
Signalization					MTP Reference: Project ID 334				
Signals Phase E, Signalization, add approximately 250 traffic signals and up to 20 traffic flow monitors onto a fiber-optic communications network. Construct the network along arterial roadways and replace signal controllers incapable of connecting.									
					ROW \$250 CMAQ-M		Con \$1,046 Local	Con \$11,918 CMAQ-M	
					ROW \$350 Local				
Total Costs (includes costs prior to SFY18)*:					\$16,164	\$600	\$1,046	\$11,918	
3427	Columbus FRA-Smart Columbus Electric Vehicle Infrast	105946	E	mi	NP	Ped Components: No information provided. Local Let <input checked="" type="checkbox"/> Bike Components: No information provided.			
Intelligent Vehicle Systems					MTP Reference: Project ID 334				
Smart Columbus Electric Vehicle Infrastructure, Intelligent Vehicle Systems, includes design and construction of public fleet electric vehicle charging stations and public fleet electric vehicle purchases for year 1 of the 3-year electrification grant from the Paul G. Allen Family Foundation. Smart Columbus program management, outreach, residential charging and other aspects of the planning and stakeholder involvement and future year funding is not included in this project.									
					Purch \$2,289 Local				
					Purch \$300 Private				
					PE DD \$140 Private				
					Con \$600 STBG-M				
					Con \$100 Private				
Total Costs (includes costs prior to SFY18)*:					\$3,429	\$3,429			
3426	Columbus FRA-Smart Columbus-	NP	E	mi	NP	Ped Components: No information provided. Local Let <input type="checkbox"/> Bike Components: No information provided.			
ITS					MTP Reference: Project ID 334				
Smart Columbus, ITS, includes the planning, design and deployment of 15 identified transportation projects in the city of Columbus as described in the USDOT Smart City Challenge grant award. The funding reflects the USDOT funds and local matches over the 4-year period from Columbus, Franklin County and ODOT. It does not include the value of in-kind contributions or tangential initiatives spurred as a result of the Smart City Challenge grant award.									
					Plan/Dply \$40,000 Federal				
					Plan/Dply \$19,000 Local				
Total Costs (includes costs prior to SFY18)*:					\$59,000	\$59,000			

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018	2019	2020	2021	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
207	Dublin FRA-Tuttle Crossing Blvd-Extension	99815	SA	0.91 mi	<b>Ped Components:</b> Multi-use path on 2 sides. 1.82 mi. added to ped network. <b>Bike Components:</b> Multi-use path on 2 sides. Also add sharrows in wide outside lanes and Share the Road signs. 1.8 mi. added to bike network.				
New Roadway					<b>MTP Reference:</b> Project ID 23				
Tuttle Crossing Blvd from Wilcox Rd to Avery Rd, New Roadway, also includes a major widening of Avery Rd from Tuttle Crossing Blvd (Extension) to Rings Rd, from 2 lanes to 5 lanes.					Con \$7,000 STBG-M				
					Con \$6,800 Local				
<b>Total Costs (includes costs prior to SFY18)*:</b> \$16,013					\$13,800				
2952	Whitehall FRA-Whitehall Signals Interconnect-	99827	E	mi	<b>Ped Components:</b> ADA curb ramps. <b>Bike Components:</b> Bicycle detectors.				
Signalization					<b>MTP Reference:</b> Project ID 334				
Whitehall Signals Interconnect, Signalization, replace existing interconnect equipment and/or install new interconnect lines at 30 existing signalized intersections: on Main, Broad, Hamilton, Yearling (radio interconnect) & Siegman (radio interconnect).						Con \$1,119 CMAQ-M			
<b>Total Costs (includes costs prior to SFY18)*:</b> \$1,426						\$1,119			
2918	Columbus FRA-CR003-12.96	98557	E	0.8 mi	<b>Ped Components:</b> Sidewalk on 2 sides. Add on both sides of Hilliard-Rome south of Feder and fill gaps on side of Feder/Fisher. 0.2 mi. added to ped network. <b>Bike Components:</b> Bicycle lanes. 0.8 mi. added to bike network.				
Intersection Modification/Sidewalks					<b>MTP Reference:</b> Project ID 604				
Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification & Sidewalks, add turn lanes at the intersection, modify I-70 eastbound ramps and modify access at Feder Rd and Evans Way Ct.					ROW \$1,200 CMAQ-M		Con \$3,000 HSIP		
					ROW \$300 Local		Con \$4,285 CMAQ-M		
							Con \$1,405 Local		
<b>Total Costs (includes costs prior to SFY18)*:</b> \$10,890					\$1,500		\$8,690		
929	Columbus FRA-SR016-(E Broad St)	105734	SA	1.01 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 2.02 mi. added to ped network. <b>Bike Components:</b> Multi-use path. 1.01 mi. added to bike network.				
Major Widening/Intersection Modification					<b>MTP Reference:</b> Project ID 92				
E Broad St from I-270 to Outerbelt St, Major Widening from 5 lanes to 7 lanes & Intersection Modification, includes signal modifications at 3 intersections, additional/extended turn lanes at various intersections, and median additions.					PE Envir \$1,003 Local	PE DD \$75 Local		ROW \$459 STBG-M	
								ROW \$306 Local	
								Con \$8,273 STBG-M	
								Con \$5,516 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b> \$15,632					\$1,003	\$75		\$14,554	

\*All Amounts in Thousands

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\*\*Funding information in the Future Years column is not officially included in the TIP.



# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length							
Project Location and Description	Project Type	2018		2019		2020		2021		Future Years**	
		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
3253 Whitehall FRA-SR016-06.87	105768 E	0.44 mi	<b>Ped Components:</b> Modify existing facilities. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.44 mi. added to bike network.								
Intersection Modification					<b>MTP Reference:</b> Project ID 185						
E Broad St at Hamilton Rd, Intersection Modification, Proposed: EB Broad: 2 thru, 1 LTL, 1 continuous RTL WB Broad: 1 thru, 1 LTL, 1 thru/RT lane NB Hamilton: 2 thru, 2 LTL, 1 RTL SB Hamilton: 2 thru, 2 LTL, 1 RTL Includes medians on all 4 approaches and street lighting.											
		PE Envir	\$75	Local	PE DD	\$424	Local			ROW \$1,322 STBG-M ROW \$331 Local Con \$5,088 STBG-M Con \$1,272 Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$8,511		\$75		\$424				\$8,012	
3018 Columbus FRA-US040-08.64	98358 E	0.02 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> No information provided.								
Signals					<b>MTP Reference:</b> Project ID 334						
W Broad St (US 40) & Sullivant Ave at Hague Ave, Signals, Replace existing traffic signals with new strain poles, 12" LED signal heads, backplates and battery backup. At Sullivant and Hague, revise timing to allow a protected/permitted left turns from Sullivant Ave.											
		Con	\$491	HSIP							
		Con	\$109	Local							
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$601		\$601							
1272 Worthington FRA-CR084-01.36	95516 SA	0.29 mi	<b>Ped Components:</b> Multi-use path. 0.29 mi. added to ped network. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> Multi-use path. 0.29 mi. added to bike network.								
Major Widening/Intersection Modification					<b>MTP Reference:</b> Project ID 69						
Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening from 2 lanes to 4 lanes & Intersection Modification, also known as the Northeast Gateway.											
		ROW	\$2,142	STBG-M					Con \$8,667 STBG-M Con \$2,167 Local		
		ROW	\$786	Local							
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$14,961		\$2,928						\$10,834	
2942 Columbus FRA-CR103-02.56	99852 SA	1.6 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 5' sidewalks on W side of Hamilton and S side of Morse. 3.2 mi. added to ped network. <b>Local Let</b> <input checked="" type="checkbox"/> <b>Bike Components:</b> Multi-use path. 10' paths on E side of Hamilton and N side of Morse. 1.6 mi. added to bike network.								
Major Widening/Intersection Modification					<b>MTP Reference:</b> Project IDs 549/ 54						
N Hamilton Rd from Morse Rd to Preserve Blvd, Major Widening from 3 lanes to 5 lanes & Intersection Modification, with widening of Morse from Hamilton to Trellis Ln/Underwood Farms Blvd to match the 3-lane cross-section of Morse to be constructed prior.											
								Con \$14,614 STBG-M Con \$3,653 Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>		\$28,166								\$18,267	

\*All Amounts in Thousands

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# Projects with Intelligent Transportation System Components Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length										
Project Location and Description	Project Type	2018		2019		2020		2021		Future Years**				
		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source				
1565	Columbus	95570	E	1.79 mi	Ped Components: Sidewalk on 1 side, multi-use path on 1 side. A 6' wide sidewalk on the east side of the road and a 10' path on the west. 3.58 mi. added to ped network.									
FRA-SR317-10.63					Local Let <input checked="" type="checkbox"/>		Bike Components: Multi-use path. A 10' wide asphalt path along the west side of the road. 1.79 mi. added to bike network.							
Safety Improvement/Multi-Use Path												MTP Reference: Project ID 79		
S Hamilton Rd from 1500' S of Refugee Rd to 550' N of Groves Rd, Safety Improvement & Multi-Use Path, roundabout proposed at Kimberly Pwy, replacement of structure over Miller Ditch, safety improvements at other intersections, add curb & gutter, lighting, mast arms. (Southern boundary also referred to as Helsel Park or Big Walnut Creek.)														
		ROW	\$260	HSIP	Con	\$1,574	HSIP			Con	\$12,158	STBG-M		
		ROW	\$1,600	STBG-M	Con	\$1,152	NHPP			Con	\$3,040	Local		
		ROW	\$429	Local	Con	\$288	State							
						Con	\$393	Local						
Total Costs (includes costs prior to SFY18)*:		\$22,294	\$2,289		\$3,407						\$15,198			
3296	ODOT	104674	SA	6.47 mi	Ped Components: No information provided.									
FRA-IR670-03.92					Local Let <input type="checkbox"/>		Bike Components: No information provided.							
Operational Upgrades/Study												MTP Reference: Project ID 907		
I-670 from 4th St to I-270, Operational Upgrades & Study, hard shoulder running installation.														
		PE DD	\$560	NHPP										
		PE DD	\$140	State										
		Con	\$39,280	NHPP										
		Con	\$9,820	State										
Total Costs (includes costs prior to SFY18)*:		\$54,100	\$49,800											
3374	ODOT 6	105438	E	31.37 mi	Ped Components: No information provided.									
LOG-US033-Smart Mobil Ph2					Local Let <input type="checkbox"/>		Bike Components: No information provided.							
Intelligent Vehicle Systems												MTP Reference: Project ID 334		
US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems, Install conduit and fiber optics from East Liberty (SR 347) to Dublin (Avery Rd) along county roads and city streets along the US 33 corridor. Includes installation of roadside and in-vehicle communication equipment.														
		Purch	\$2,090	Federal										
		Other	\$867	Federal										
		Purch	\$2,600	Private										
		Other	\$775	Local										
		Other	\$100	Private										
		Con	\$3,041	Federal										
Total Costs (includes costs prior to SFY18)*:		\$9,473	\$9,473											

\*All Amounts in Thousands

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MORPC SFY 2018-2021 TIP



## Projects with Significance for Freight

The FAST Act federal transportation legislation contains specific freight provisions to incorporate goods movement and economic development considerations in the MPO programming process. Through its long-range transportation planning, TIP development, and the conduct of technical studies (e.g., Inventory of Railroad Operations and Right-of-Way, the Mid-State Freight web application, the 2018 Comprehensive Rickenbacker Area Study, etc.), MORPC has proactively sought to fulfill the federal requirement to include freight as a planning factor. MORPC's goal is to engage leaders in the Central Ohio region in a public/private partnership for our economy and for the mobility of freight and goods, as well as to facilitate mobility and access to the workforce for areas such as Rickenbacker. This is done in order to retain and attract new employers that generate jobs, and to advance the region's freight movement overall in a reliable, multimodal and intermodal, efficient, cost-effective, safe, and environmentally responsible manner, in order to maintain Central Ohio as an international freight center.

### *Central Ohio Freight Overview*

From the Central Ohio region, goods are moved, transferred, and distributed to destinations across the United States and around the world via truck, rail, and air. Homeland security, national economic competitiveness, international trade, and commodity flow issues depend on the efficient movement of goods through the Central Ohio region.

Strategically located within 500 miles, or a 10-hour one-day truck trip, of over 47% of the U.S. population, 50% of the Canadian population, 44% of the U.S. manufacturing capacity and 40% of the U.S. corporate headquarters, Columbus sits at a freight distribution nexus. Columbus is also fortunate to be at the crossroads of major interstates, two international airports (including Foreign Trade Zone #138), major intermodal rail yards, two Class-1 railroads, and many trucking companies. As a result, many manufacturers, distributors and logistics companies have located within the region.

There is a direct correlation between the success of a region and the strategic placement of freight hubs and assets. Working with the private sector, MORPC has identified six Freight Districts in Central Ohio based on high industrial square footage and the presence of freight inducers such as intermodal rail yards or airports. These freight "hot spots" generate a large portion of the freight moving in and out of Central Ohio, making the adjacent infrastructure networks critical to successful goods movement in the region.

### *MORPC's Role in Freight Planning*

MORPC recognizes these dynamics and is identifying projects with significance for freight to elevate the importance of goods movement to Central Ohio. This continues our work to highlight those provisions into our planning process and program development to illustrate that our planning processes provide assistance to these stakeholders that are vital to our economic success. This elevation will help ensure that freight-related economic development opportunities are adequately addressed from a regional improvements and funding allocation perspective. Global and national freight logistics companies rely on the planning studies that MPOs conduct, and the infrastructure local agencies build, to continue their business in and around the region.

While it is recognized that many projects in the TIP will have a positive impact on freight movement (particularly those which are regional in scope or which occur on the National Highway System, such as ODOT's TRAC projects), the identified projects are those which portend the greatest benefits for freight movement.



The identified projects have a direct, significant, and positive association with the flow of goods at intermodal facilities, near manufacturing, office, or commercial locations, or in corridors. The projects improve intermodal connectivity, National Highway System (NHS) intermodal connector routes, operating conditions for commercial vehicles, and access to economic activity centers. The benefits of the projects can be expressed in terms of increasing safety, security, and efficiency, spurring economic activity, creating jobs, and protecting the environment and the region's quality of life. The following pages provide a listing of the projects selected for their significance for freight, the locations of which are identified on the map on the next page.



## Freight Project Listing Sorted by County-Route-Section

(To be included in final draft.)



# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**	
Project Location and Description					Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source	
2850	Delaware	95625	E	0.66 mi	Ped Components:		Modify existing facilities. Sidewalks will be maintained on both sides of US 36 for the full length of the project. Safety improvements for ped crossings at US 36 will be incorporated as warranted.							
DEL-US036-10.59					Local Let <input type="checkbox"/>		Bike Components:		Maybe - To be determined. Depending on ROW constraints, sidewalks may be widened to accommodate multi-use.					
Minor Widening											MTP Reference: Project ID 569			
E William St (US-36) from Lewis St to E Central Ave (SR-37), Minor Widening from 2 lanes to 3 lanes, Provide a two way left turn lane from Potter St to SR-37 and replace bikeway bridge to increase intersection radius at US 42. PE Env on PID 80824 (Veterans Pkwy).														
						Con	\$2,805	HP						
						Con	\$215	Local						
Total Costs (includes costs prior to SFY18)*:					\$3,980	\$3,019								
3212	Delaware	103626	SA	0.72 mi	Ped Components:		Multi-use path on 2 sides. 0.7 mi. added to ped network.							
DEL-US036-11.030					Local Let <input type="checkbox"/>		Bike Components:		Multi-use path on 2 sides. 0.35 mi. added to bike network.					
Major Widening/Bridge Replacement											MTP Reference: Project IDs 750/ 749			
US-36 & SR-37 from W of Foley St & E of East St to SR-521, Major Widening from 2 lanes to 5 lanes & Bridge Replacement, Construct additional lanes on US 36/SR 37 and reconstruct the CSXT Railroad structure on the east side of Delaware.														
					PE Envir	\$3,000	HSIP	PE DD	\$1,200	Federal			Con	\$13,279
					PE Envir	\$333	Local	PE DD	\$300	State			Con	\$7,046
								PE DD	\$500	Local			Local	
Total Costs (includes costs prior to SFY18)*:					\$25,658	\$3,333	\$2,000						\$20,325	
2427	ODOT 6	90200	SA	mi	Ped Components:		No information provided.							
DEL-IR071-07.91					Local Let <input type="checkbox"/>		Bike Components:		No information provided.					
New Interchange											MTP Reference: Project IDs 384/ 325			
I-71 at Sunbury Pkwy, New Interchange, construct a partial interchange south of the existing US-36/SR-37 interchange to access a new segment of Sunbury Pkwy, which will cross over I-71 and connect to an extension of Wilson Rd. A collector-distributor (CD) roadway will be constructed in the northbound direction from Sunbury Pkwy and US 36/SR 37.														
					ROW	\$4,000	Federal					Con	\$43,000	Unfunded
					ROW	\$1,000	State							
Total Costs (includes costs prior to SFY18)*:					\$48,861	\$5,000							\$43,000	
2918	Columbus	98557	E	0.8 mi	Ped Components:		Sidewalk on 2 sides. Add on both sides of Hilliard-Rome south of Feder and fill gaps on side of Feder/Fisher. 0.2 mi. added to ped network.							
FRA-CR003-12.96					Local Let <input checked="" type="checkbox"/>		Bike Components:		Bicycle lanes. 0.8 mi. added to bike network.					
Intersection Modification/Sidewalks											MTP Reference: Project ID 604			
Hilliard-Rome Rd at Feder Rd/Fisher Rd, Intersection Modification & Sidewalks, add turn lanes at the intersection, modify I-70 eastbound ramps and modify access at Feder Rd and Evans Way Ct.														
					ROW	\$1,200	CMAQ-M					Con	\$3,000	HSIP
					ROW	\$300	Local					Con	\$4,285	CMAQ-M
											Con	\$1,405	Local	
Total Costs (includes costs prior to SFY18)*:					\$10,890	\$1,500							\$8,690	

\*All Amounts in Thousands

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# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section		Project Type		2018	2019	2020	2021	Future Years**	
Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
929	Columbus	105734	SA	1.01 mi	<b>Ped Components:</b> Sidewalk on 1 side, multi-use path on 1 side. 2.02 mi. added to ped network.				
	FRA-SR016-(E Broad St)			<b>Local Let</b> <input checked="" type="checkbox"/>	<b>Bike Components:</b> Multi-use path. 1.01 mi. added to bike network.				
	Major Widening/Intersection Modification				<b>MTP Reference:</b> Project ID 92				
	E Broad St from I-270 to Outerbelt St, Major Widening from 5 lanes to 7 lanes & Intersection Modification, includes signal modifications at 3 intersections, additional/extended turn lanes at various intersections, and median additions.								
		PE Envir	\$1,003	Local	PE DD	\$75	Local		
								ROW	\$459 STBG-M
								ROW	\$306 Local
								Con	\$8,273 STBG-M
								Con	\$5,516 Local
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$15,632</b>		<b>\$1,003</b>		<b>\$75</b>			<b>\$14,554</b>
3373	ODOT 6	105418	E	0 mi	<b>Ped Components:</b> No information provided.				
	FRA-US023D/IR-71-04.41/17.47			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Bridge Deck Replacement				<b>MTP Reference:</b> Project ID 203				
	S High St & Oak St at I-71, Bridge Deck Replacement,								
								Con	\$4,050 Federal
								Con	\$450 State
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$4,500</b>						<b>\$4,500</b>	
2922	ODOT 6	98111	SA	1.86 mi	<b>Ped Components:</b> No change to existing conditions.				
	FRA-US033-24.26			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No change to existing conditions.				
	Major Widening/Resurfacing				<b>MTP Reference:</b> Project IDs 379/ 204				
	US-33 from I-270 (SE Outerbelt) to Hamilton Rd (SR-317), Major Widening from 4 lanes to 6 lanes & Resurfacing, Build an auxiliary lane between the ramps for Hamilton Rd and the ramps for EB I-270 in both directions of US-33; widening of Big Walnut Creek bridge; multi-lane resurfacing.								
		Con	\$2,833	HSIP					
		Con	\$1,920	NHPP					
		Con	\$480	State					
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$6,182</b>		<b>\$5,232</b>					
2958	ODOT 6	91146	E	3.41 mi	<b>Ped Components:</b> No information provided.				
	FRA-IR070-00.00			<b>Local Let</b> <input type="checkbox"/>	<b>Bike Components:</b> No information provided.				
	Minor Pavement Rehabilitation				<b>MTP Reference:</b> Project ID 204				
	I-70 from Madison Co line to 0.4 mi W of Darby Creek Rd, Minor Pavement Rehabilitation, Priority System minor rehabilitation.								
					Con	\$955	NHPP		
					Con	\$106	State		
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,061</b>				<b>\$1,061</b>			

\*All Amounts in Thousands

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# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**
Project Location and Description					Project Type		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
1139	ODOT 6 FRA-IR070-03.410	25594	SA	4.19 mi	Local Let <input type="checkbox"/>		Ped Components: No change to existing conditions. Bike Components: No change to existing conditions.						
Major Widening/Resurfacing					MTP Reference: Project ID 884								
I-70 from 0.4 mi W of Alton & Darby Creek Rd to 0.3 mi W of Wilson Rd, Major Widening from 6 lanes to 8 lanes & Resurfacing, add auxiliary lanes from Hilliard-Rome to I-270. Add EB outside lane on I-70 from I-270 to Wilson Rd. Resurfacing to project limits. Overlay one pair of bridges. Redeck/widen 3 pairs of structures. Add noisewalls on I-70.													
					Con	\$135	NHPP						
					Con	\$15	State						
Total Costs (includes costs prior to SFY18)*:					\$51,349	\$150							
1497	ODOT 6 FRA-IR070-07.600	79667	E	3.61 mi	Local Let <input type="checkbox"/>		Ped Components: Not Applicable. Bike Components: Not Applicable.						
Resurfacing					MTP Reference: Project ID 204								
I-70 from 0.34 mi W of Wilson Rd to W Broad St, Resurfacing, and deck overlay and abutment repair on bridge over Fisher Rd.													
					Con	\$3,231	HBP						
					Con	\$571	NHPP						
					Con	\$422	State						
Total Costs (includes costs prior to SFY18)*:					\$4,624	\$4,224							
2571	ODOT 6 FRA-IR070-11.78 (Proj 6)	81828	SA	3.59 mi	Local Let <input type="checkbox"/>		Ped Components: Not Applicable. Bike Components: Not applicable.						
Interchange Modification/Major Widening					MTP Reference: Project ID 189								
I-70/I-71 Innerbelt (Phase 6), Interchange Modification & Major Widening, Upgrade I-70/I-71/SR-315 Interchange. Limits: I-70 from Sullivant Ave to NS/CSX Railroads, IR 71 from Greenlawn Ave to IR 70, SR 315 from IR 70 to Broad St													
					ROW	\$225	NHPP					Con\$338,000 Unfunded	
					ROW	\$25	State						
Total Costs (includes costs prior to SFY18)*:					\$340,346		\$250					\$338,000	
3295	ODOT 6 FRA-IR070-12.68 (Proj 4R)	105523	SA	1.77 mi	Local Let <input type="checkbox"/>		Ped Components: Modify existing facilities.The new Front Street bridge will include 10 foot wide sidewalks. Bike Components: Bicycle lanes.The Fulton Street bike lane will be extended to Front. 0.1 mi. added to bike network.						
Major Widening/Interchange Modification					MTP Reference: Project IDs 270/ 1117								
I-70/I-71 Innerbelt (Phase 4R), Major Widening & Interchange Modification, Rebuilds 70/71 EB/NB and adds an extra lane through the 70/71 overlap area. Constructs a new ramp onto Fulton St from 70 E and 71 N. Closes the existing ramps from 70 E to Front and 70 E to Livingston eliminating weave with 71N traffic. Widens structure FRA-70-12.82R(70 over Souder). New structures to carry new ramp are FRA-70-1301A, FRA-70-1358A, FRA-70-1373A, FRA-70-1390C, and FRA-71-1518A. Replaces structures: FRA-7013.73R(70 over Short St) and FRA-13.95C (Front St over I-70). Also, reconstructs Livingston between Front and High completing conversion to two way traffic. Converts Front St to two way traffic between Livingston and Mound. Reconstructs Fulton between Front and High.													
					Con	\$87,300	Federal						
					Con	\$9,700	State						
					Con	\$2,532	STBG-M						
					Con	\$633	Local						
Total Costs (includes costs prior to SFY18)*:					\$100,165							\$100,165	

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# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
		Project Type			2018	2019	2020	2021	Future Years**
	Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3207	ODOT 6 FRA-IR070-12.89 Cols Powr	103184	E	1.63 mi	Ped Components: No information provided. Bike Components: No information provided.				
	Utility Relocation				MTP Reference: Project ID 204				
	I-70/I-71 Innerbelt (Columbus Power), Utility Relocation, I-70 Souder to CSX/NS RR; I-71 Greenlawn to I-70. Relocate City of Columbus power line in advance of FRA-70-12.68 (Prj 4A), PID 77372.								
					Con \$2,847 NHPP				
					Con \$712 State				
					Con \$173 Local				
Total Costs (includes costs prior to SFY18)*:		\$3,732			\$3,732				
2874	ODOT 6 FRA-IR070-14.00 (Ph 4B)	96053	SA	0.73 mi	Ped Components: Modify existing facilities. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized intersections. Bike Components: Bicycle lanes. Locations of bike lanes and bike-activated signal loop detectors will be coordinated with Columbus.				
	Major Widening/Bridge Replacement				MTP Reference: Project ID 270				
	I-70/I-71 Innerbelt (Phase 4B), Major Widening & Bridge Replacement, Replace pavement on I-70 from Front to Grant. Replace pavement on 3rd & 4th St from Livingston to Fulton. 3rd & 4th St bridge replacements and 5 retaining walls. PE DD under PID 77372.								
					ROW \$225 NHPP				Con \$73,000 Unfunded
					ROW \$25 State				Con \$1,261 STBG-M
Total Costs (includes costs prior to SFY18)*:		\$78,346			\$250				\$74,261
3293	ODOT 6 FRA-IR070-14.30 (Proj 2E)	105322	SA	2.68 mi	Ped Components: Modify existing facilities. A sidewalk extension will be installed along the north leg of the Fulton and 4th St intersection. Bike Components: Bicycle lanes. Fulton St bike lane will be extended from 4th to High. 0.2 mi. added to bike network.				
	Major Widening/Interchange Modification				MTP Reference: Project ID 1117				
	I-70/I-71 Innerbelt (Phase 2E), Major Widening & Interchange Modification, Reconstruct & widen portions of I-70 EB & WB between 4th St and Miller Ave to include ramps from Fulton Ave to I-70 EB & I-70 EB to Parsons Ave. Reconstruct Mooberry St from Parsons Ave to 18th St & Fulton St between 3rd St & 4th St. Reconstruct structures FRA-70-14.61, FRA-70-14.79 R, and FRA 70-14.93L&R. Construct 8 retaining walls.								
					Con \$60,300 Federal				
					Con \$6,700 State				
					Con \$400 STBG-M				
					Con \$100 Local				
Total Costs (includes costs prior to SFY18)*:		\$67,500			\$67,500				
2452	ODOT 6 FRA-IR070-15.29 (Proj 5)	88035	SA	1.26 mi	Ped Components: Maybe - To be determined. Bike Components: Maybe - To be determined.				
	Major Widening/Bridge Reconstruction				MTP Reference: Project ID 271				
	I-70/I-71 Innerbelt (Phase 5) from just east of 18th Ave to just east of Fairwood Ave, Major Widening & Bridge Reconstruction, Reconstruct I-70 including overhead structures in accordance with the Columbus Crossroads study and environmental assessment. Tentative 4 to 5 through lanes. Includes City Streets are Mooberry, Cole, Crossings: Ohio, Champion, Linwood, Miller, Kelton. Underpass: Fairwood								
					ROW \$450 IM				Con \$94,100 Unfunded
					ROW \$50 State				
Total Costs (includes costs prior to SFY18)*:		\$100,115			\$500				\$94,100

\*All Amounts in Thousands

\*\*Funding information in the Future Years column is not officially included in the TIP.

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MORPC SFY 2018-2021 TIP



# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	2018		2019		2020		2021		Future Years**
Project Location and Description					Project Type		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source		Phase/Amount*/Source
3249	ODOT 6 FRA-IR070-15.29	101260	E	4.08 mi	Local Let <input type="checkbox"/>	Minor Pavement Rehabilitation	Ped Components: No information provided.		Bike Components: No information provided.		MTP Reference: Project ID 204		
I-70 from 0.05 mi E of S 18th St Bridge to 0.06 mi E of S James Rd, Minor Pavement Rehabilitation, asphalt concrete overlay.											Con \$3,481 NHPP		
											Con \$387 State		
Total Costs (includes costs prior to SFY18)*:					\$3,868						\$3,868		
1490	ODOT 6 FRA-IR070-16.47	79668	E	8.47 mi	Local Let <input type="checkbox"/>	Resurfacing	Ped Components: No change to existing conditions. Pedestrians Prohibited		Bike Components: No change to existing conditions. Bicycles Prohibited		MTP Reference: Project ID 204		
I-70 from Fairwood Ave to Fairfield Co Line, Resurfacing,													
							Con \$5,350 NHPP						
							Con \$594 State						
Total Costs (includes costs prior to SFY18)*:					\$5,944		\$5,944						
3089	ODOT 6 FRA-IR070-22.85 (FEF-1B&C)	98232	SA	2.37 mi	Local Let <input type="checkbox"/>	Interchange Modification	Ped Components: No information provided.		Bike Components: No information provided.		MTP Reference: Project ID 135		
I-70 at I-270 (East Outerbelt), Interchange Modification, Provide additional westbound lanes and reconstruct the IR 70 WB to IR 270 NB ramp. Upgrade IR 70/Brice Rd interchange and Brice Rd. Phases 2 & 3 of the Far East Freeway project.													
					PE DD \$5,600 Federal						Con \$71,797 Unfunded		
					PE DD \$1,400 State								
Total Costs (includes costs prior to SFY18)*:					\$78,797		\$7,000				\$71,797		
2644	ODOT 6 FRA-IR071-0.00	93496	SA	5.29 mi	Local Let <input type="checkbox"/>	Major Widening/Bridge Deck Replace	Ped Components: No change to existing conditions.		Bike Components: No change to existing conditions.		MTP Reference: Project IDs 376/ 204		
I-71 from Pickaway Co Line to SR-665, Major Widening from 4 lanes to 6 lanes & Bridge Deck Replace, Major rehabilitation. Re-deck 3 pairs of mainline structures.													
							Con \$48,539 GARVEE		Con \$600 State				
							Con \$13,391 State						
Total Costs (includes costs prior to SFY18)*:					\$66,262		\$61,930		\$600				
2447	ODOT 6 FRA-IR071-05.290	84868	SA	4.45 mi	Local Let <input type="checkbox"/>	Major Widening/Bridge Deck Replace	Ped Components: No change to existing conditions.		Bike Components: No change to existing conditions.		MTP Reference: Project ID 533		
I-71 from SR-665 to Stringtown Rd, Major Widening from 4 lanes to 6 lanes & Bridge Deck Replace, major rehabilitation and additional third lane widened to the median of I-71. Re-deck and widen structures over White Rd.													
							Con \$300 NHPP						
							Con \$75 State						
Total Costs (includes costs prior to SFY18)*:					\$43,493		\$375						

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.



# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section		Project Type		2018	2019	2020	2021	Future Years**	
Project Location and Description		Phase/Amount*/Source		Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3330	ODOT 6	104799	SA	5.56 mi	<b>Ped Components:</b> Other. Plan to accommodate future shared-use paths along Frank Rd and Greenlawn Ave under I-71.				
FRA-IR071-09.62/09.71		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Other. Plan to accommodate future shared-use paths along Frank Rd and Greenlawn Ave under I-71.					
Major Widening/Interchange Modification					<b>MTP Reference:</b> Project IDs 374/ 178				
I-71 from Stringtown Rd to SR-315, Major Widening from 6 lanes to 8 lanes & Interchange Modification, includes re-deck & rehab 5 pairs of mainline structures. Part 2: Construct new I-71 SB to Stringtown exit by separating mainline and exiting traffic.									
		Con \$103,269	GARVEE	Con \$1,500	State				
		Con \$8,798	NHPP						
		Con \$10,182	State						
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$124,124</b>	\$122,249	\$1,500					
3294	ODOT 6	105453	SA	0.69 mi	<b>Ped Components:</b> Sidewalk on 1 side. Sidewalks will be extended from Long to Broad along Lester Dr and Elijah Pierce Ave. Wider sidewalks on both sides of the new Broad St bridge. 0.6 mi. added to ped network.				
FRA-IR071-17.46 (Proj 3B)		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Bicycle lanes. Bike lanes along Lester Dr and Elijah Pierce Ave will be extended from Long St to Broad St. New Broad St bridge will accommodate new bike lanes. 0.6 mi. added to bike network.					
Major Widening/New Roadway					<b>MTP Reference:</b> Project ID 126				
I-70/I-71 Innerbelt (Phase 3B), Major Widening & New Roadway, Reconstruct & widen I-71 from Broad St to Long St & the Broad St bridge over I-71. Build Lester Dr and Elijah Pierce Ave between Broad St & Long St. Includes retaining walls N5 and N6 and the Columbus sanitary siphon. Eliminates two existing ramps.									
					Con \$39,843	Federal			
					Con \$4,427	State			
					Con \$1,471	STBG-M			
					Con \$368	Local			
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$46,109</b>			\$46,109				
1272	Worthington	95516	SA	0.29 mi	<b>Ped Components:</b> Multi-use path. 0.29 mi. added to ped network.				
FRA-CR084-01.36		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Multi-use path. 0.29 mi. added to bike network.					
Major Widening/Intersection Modification					<b>MTP Reference:</b> Project ID 69				
Worthington-Galena Rd from Wilson Bridge/Huntley Rds to Sancus Blvd, Major Widening from 2 lanes to 4 lanes & Intersection Modification, also known as the Northeast Gateway.									
		ROW \$2,142	STBG-M				Con \$8,667	STBG-M	
		ROW \$786	Local				Con \$2,167	Local	
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$14,961</b>	\$2,928				\$10,834		
3390	Franklin County	NA	E	mi	<b>Ped Components:</b> Pedestrian detectors.				
FRA-CR122-Rohr Rd		<b>Local Let</b> <input type="checkbox"/>		<b>Bike Components:</b> Other.					
Intersection Modification					<b>MTP Reference:</b> Project ID 185				
Alum Creek Dr at Rohr Rd, Intersection Modification, includes 4' paved shoulder and grading for future sidewalk/multi-use path.									
		Con \$1,200	Local						
<b>Total Costs (includes costs prior to SFY18)*:</b>		<b>\$1,200</b>	\$1,200						

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.



# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency	PID	AirQ	Length					
County-Route-Section									
Project Location and Description					2018	2019	2020	2021	Future Years**
					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3323	ODOT 6	104673	E	0 mi	Ped Components: No information provided.				
FRA-IR270/670/US23D-18.56/0.31/2.82					Local Let <input type="checkbox"/>	Bike Components: No information provided.			
Bridge Maintenance Activities					MTP Reference: Project ID 203				
Locations on I-270, I-670 & N 3rd St (US-23D), Bridge Maintenance Activities, I-270 (South Outerbelt) EB & WB over Scioto River: seal decks with SRS sealer.									
I-670 over US 33 & Scioto River, N 3rd St over RR yards & Goodale St: seal decks with HMWM sealer.									
I-270 over SR-745, Scioto River & SR-257:									
		PE DD	\$9	NHPP					
		PE DD	\$1	State					
		Con	\$396	NHPP					
		Con	\$59	State					
Total Costs (includes costs prior to SFY18)*:		\$465	\$465						
2672	ODOT 6	76469	SA	7.94 mi	Ped Components: No change to existing conditions.				
FRA-IR270-09.15					Local Let <input type="checkbox"/>	Bike Components: No change to existing conditions.			
Major Widening/Minor Pavement Rehabilitation					MTP Reference: Project IDs 375/ 204				
I-270 (West Outerbelt) from I-70 to US-33, Major Widening from 6 lanes to 8 lanes & Minor Pavement Rehabilitation, add one lane in each direction, 3.5" overlay, joint repair, signs, guardrail, drainage, lighting. Work on five pairs of mainline structures.									
		Con	\$29	State	Con	\$300	State		
Total Costs (includes costs prior to SFY18)*:		\$70,462	\$29	\$300					

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.







# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
					2018	2019	2020	2021	Future Years**
					Project Type	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
					Project Location and Description				
I-270 at US-33/SR-161, Interchange Modification, interchange reconstruction and expansion.									
									Pay (\$782) Local-Pay
									Pay \$806 STBG-M
									Pay \$794 STBG-M
									Pay (\$806) Local-Pay
									Pay (\$794) Local-Pay
									Pay \$818 STBG-M
									Pay \$830 STBG-M
									Pay (\$818) Local-Pay
									Pay (\$830) Local-Pay
									Pay \$842 STBG-M
									Pay \$855 STBG-M
									Pay (\$842) Local-Pay
									Pay (\$855) Local-Pay
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$93,590</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
2957	ODOT 6 FRA-IR270-21.69	76467	E	6.38 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
					Minor Pavement Rehabilitation				<b>MTP Reference:</b> Project ID 204
I-270 (North Outerbelt) & SR-315 at various locations, Minor Pavement Rehabilitation, asphalt concrete overlay with repairs on: 1) I-270 from CSX RR bridge (E of Smoky Row) to CSX/NS RR bridge (E of US 23) 2) SR-315 from SR-161 to Clubview Blvd.									
					Con \$5,040 IM				
					Con \$605 NHPP				
					Con \$627 State				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$6,272</b>	<b>\$6,272</b>			
3299	ODOT 6 FRA-IR270-30.60 CD Lanes	105137	E	3.18 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
					Resurfacing				<b>MTP Reference:</b> Project ID 204
I-270 from SR-161 to McCutcheon Rd, Resurfacing, mill and fill collector-distributor (CD) lanes.									
					PE Envir \$69 NHPP	Con \$3,510 NHPP			
					PE Envir \$8 State	Con \$390 State			
					PE DD \$12 NHPP				
					PE DD \$1 State				
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$3,990</b>	<b>\$90</b>	<b>\$3,900</b>		
1890	ODOT 6 FRA-IR270-36.94	86067	E	3.51 mi	<b>Ped Components:</b> No information provided. <b>Local Let</b> <input type="checkbox"/> <b>Bike Components:</b> No information provided.				
					Reconstruction				<b>MTP Reference:</b> Project ID 204
I-270 from 0.36 mi W of Hamilton Rd to 0.92 mi S of Broad St, Reconstruction, Upgrade interchange ramp geometrics. Provide vertical and horizontal clearance on bridges. Widen shoulders to accommodate bus bypass lanes if warranted.									
						Con \$67,743 IM			
						Con \$7,527 State			
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$79,539</b>		<b>\$75,270</b>		

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.



# Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length						
		Project Type			2018	2019	2020	2021	Future Years**	
	Project Location and Description				Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	
3394	Franklin County FRA-SR317-Rohr Rd	NA	E	mi	<b>Ped Components:</b> Pedestrian detectors. <b>Bike Components:</b> Other.					
	Intersection Modification				<b>MTP Reference:</b> Project ID 185					
	London-Groveport Rd at Rohr Rd, Intersection Modification, including 4-foot paved shoulder, pedestrian buttons, and grading for a future sidewalk/multi-use path.									
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$1,400</b>				Con \$1,400 Local				
3296	ODOT FRA-IR670-03.92	104674	SA	6.47	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Operational Upgrades/Study				<b>MTP Reference:</b> Project ID 907					
	I-670 from 4th St to I-270, Operational Upgrades & Study, hard shoulder running installation.									
			PE DD	\$560	NHPP					
			PE DD	\$140	State					
			Con	\$39,280	NHPP					
			Con	\$9,820	State					
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$54,100</b>			\$49,800					
2967	ODOT 5 LIC-US040-00.00	93109	E	13.27	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Resurfacing				<b>MTP Reference:</b> Project ID 204					
	US 40 from Franklin/Licking County Line to SR-37, Resurfacing, 2% Repairs, Milling 1 1/4", Placing 1" Item 446 Asphalt Concrete Intermediate Course and 1 1/4" Item 446 Asphalt Concrete Surface Course.									
			PE Envir	\$1	State					
			Con	\$3,264	STBG-S					
			Con	\$2,934	NHPP					
			Con	\$1,504	State					
			Con	\$45	Local					
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$7,748</b>						\$7,748		
2975	ODOT LIC-IR070/SR-158-Bridge Overlay	93290	E	0.12	mi	<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.				
	Bridge Repair				<b>MTP Reference:</b> Project ID 203					
	I-70 Corridor in Licking Co, Bridge Repair, Work on 3 structures: 1) Mink St over I-70: deck replacement. 2) Watkins Rd SW over I-70: deck overlay, concrete patching & painting. 3) Loop Rd over SR-158: deck overlay, concrete patching & painting.									
			PE Envir	\$15	State		Con	\$2,535	NHPP	
			PE DD	\$5	State		Con	\$365	State	
	<b>Total Costs (includes costs prior to SFY18)*:</b>	<b>\$2,920</b>			\$20		\$2,900			

\*All Amounts in Thousands

April 28, 2017

\*\*Funding information in the Future Years column is not officially included in the TIP.



## Freight Project Listing Sorted by County-Route-Section for the SFY 2018 to 2021 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length					
					2018	2019	2020	2021	Future Years**
Project Location and Description					Project Type	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
3374	ODOT 6 LOG-US033-Smart Mobil Ph2	105438	E	31.37 mi		<b>Ped Components:</b> No information provided. <b>Bike Components:</b> No information provided.			
					Local Let <input type="checkbox"/>				
					Intelligent Vehicle Systems			<b>MTP Reference:</b> Project ID 334	
US-33 from SR-347 to Avery Rd, Intelligent Vehicle Systems, Install conduit and fiber optics from East Liberty (SR 347) to Dublin (Avery Rd) along county roads and city streets along the US 33 corridor. Includes installation of roadside and in-vehicle communication equipment.									
					Purch	\$2,090	Federal		
					Other	\$867	Federal		
					Purch	\$2,600	Private		
					Other	\$775	Local		
					Other	\$100	Private		
					Con	\$3,041	Federal		
<b>Total Costs (includes costs prior to SFY18)*:</b>					<b>\$9,473</b>	<b>\$9,473</b>			



# FREIGHT TRANSPORTATION IMPROVEMENT PROGRAM PROJECT LOCATION MAP

Fiscal Years 2018 - 2021

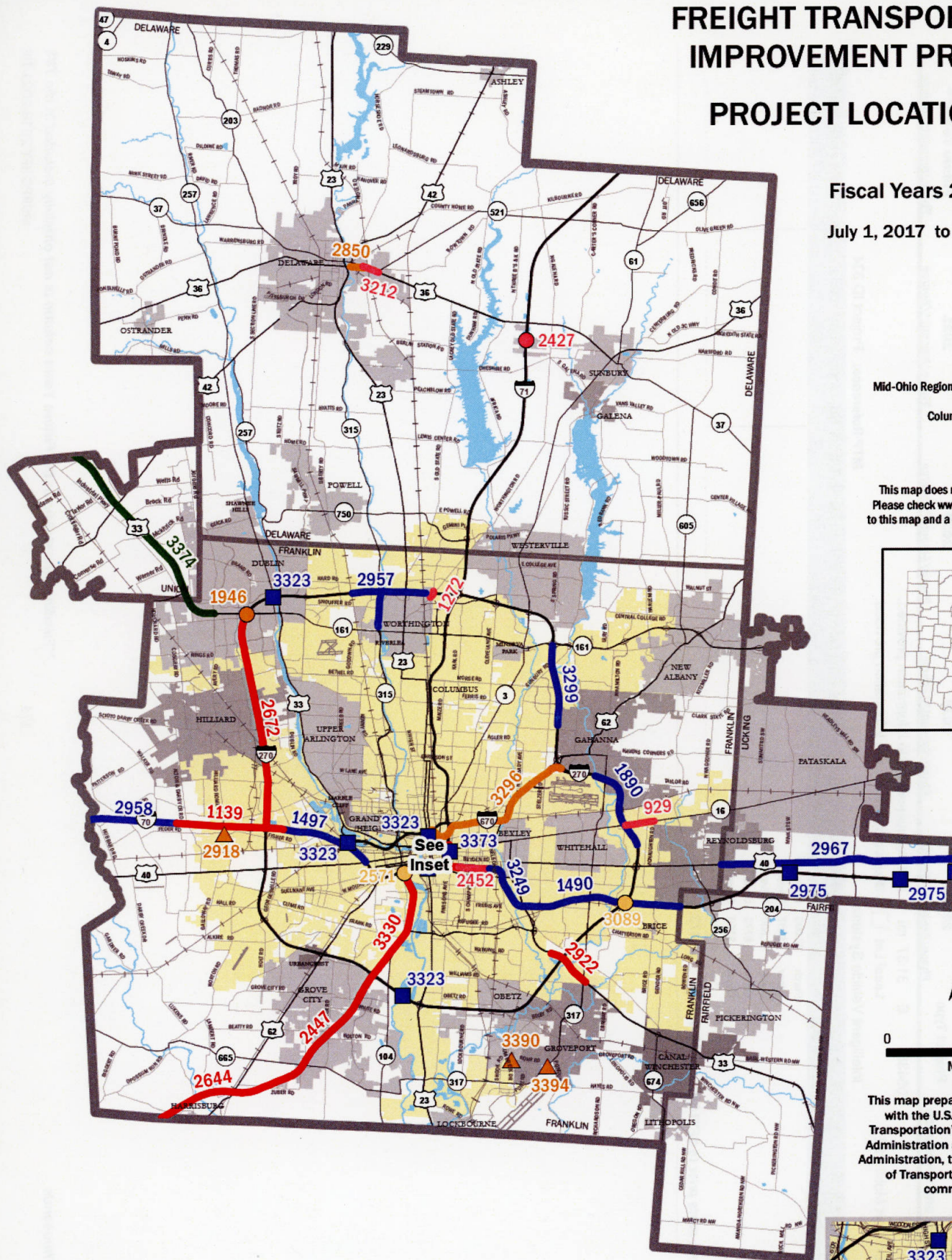
**July 1, 2017 to June 30, 2021**

Mid-Ohio Regional Planning Commission  
111 Liberty Street  
Columbus, Ohio 43215-5272  
614.228.2663  
March 2017

**This map does not show all TIP projects.  
Please check [www.morpc.org](http://www.morpc.org) for updates  
to this map and a complete project listing.**

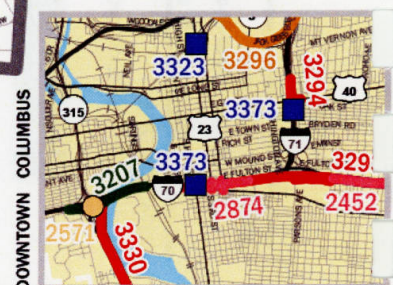


### Ohio Location Map



**This map prepared in cooperation with the U.S. Department of Transportation's Federal Highway Administration and Federal Transit Administration, the Ohio Department of Transportation, and local communities.**

The information shown on this map is compiled from various sources available to us which we believe to be reliable.  
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# Appendix A

## Transit Supportive Documentation

### COTA's 2017-2021 Short-Range Transit Plan Section 14 – The Transportation Improvement Program



## 12 TIP and Financial Plan

### 12.1 Background

The State of Ohio TIP delineates a four-year operating and capital plan. Listed in the TIP tables on the following pages are COTA's annual service levels, operating and capital expenses, and anticipated financing levels.

To avoid confusion, it should be noted that although this program is designed to span four State fiscal years (2018-2021), it actually covers five fiscal years for the Central Ohio Transit Authority (COTA). COTA begins its fiscal year January 1, while the State of Ohio begins its fiscal year July 1, and the Federal Government begins its fiscal year October 1. Therefore, it is necessary for the span of this document to encompass five COTA fiscal years (i.e., 2017-2021) in order to meet state and federal requirements of a four-year program.

A discussion of the operating and capital components of the TIP follows.

### 12.2 Operating Plan

The 2018-2021 four-year TIP operating plan represents COTA's continued response to the growing transportation needs of the central Ohio region by providing an expanded, reliable, and safe transit system. The following is a summary, with supporting tables, of the four-year operating component of the TIP including years 2018 through 2021. The most recently projected data for 2017 has also been included in each of the tables.

Table 12-1 displays the existing and projected bus hours of service. The hours of service represent implementation of COTA's Transit System Review (TSR) service plan. The consultant led TSR analyzed the entire bus system and services, land use changes, the road network, operating budget and the use of technology. The TSR Final Report recommended improvements for positive changes to COTA's bus service and network for the period 2015-2017, taking into consideration the needs of central Ohio residents, riders, and businesses. Post completion of the TSR Final Report, COTA refined the recommendations with input from the public in 2015 and 2016. The TSR was rebranded as the Transit System Redesign in 2016.

In addition to COTA's permanent .25% sales tax, with the overwhelming passage of COTA's additional 10-year renewable .25% sales tax in November 2016, the projected amount of annual service hours COTA can afford to operate (1,250,950) will be reached by 2019, after which COTA will not be able to expand service.

Through 2019, the TIP calls for continued, system-wide expansion of COTA's fixed-route and paratransit bus service. Overall, the SRTP calls for an 11.8% increase in fixed-route service hours by 2019. As a result of the increase of fixed-route service coverage, the capital plan



includes dollars for fleet expansion, and the Mobility Services budget includes funds for a 16% increase in Mainstream service between 2017 and 2021. Section 7 includes a more detailed discussion of Mobility Services and Mainstream operations.

The number of vehicle hours directly affects each year's operating expenses. Direct cost per hour and indirect expenses as budgeted for 2017 are included in Table 12-1. From 2017 through 2021, the direct cost per hour was increased by approximately 2.5% per year to account for general inflation and escalating employee benefits costs. A 3.5% increase in cost per year has been budgeted for expanded Mainstream services in order to offset inflation and increase service hours in concert with the fixed route.

Operating revenue was estimated based on 2016 operating revenue and historical trends. In order to keep pace with inflation and to attempt to achieve a target level of 20% farebox recovery ratio, fare increases have been projected to take effect in 2018 & 2021. In addition, this plan assumes that the average rate of interest on COTA's investment portfolio will continue to be about 1% per year from 2017 to 2021, a significantly lower return on investment than experienced during previous SRTP cycles.

Section 12.7, the financial summary of the TIP, summarizes the various sources of revenue and assistance and relates this income to total operating and capital expenses.

### **12.3 Local Funding**

In November 1999, COTA won approval by voters to make an existing 10-year 0.25% temporary sales tax, scheduled to expire in 2000, permanent. In November 2006, Issue 7 was approved by voters, and created an additional ten-year renewable, 0.25% sales tax to help fund expanded transit services described in the 2006 LRTP through December 31, 2016.

Projecting the sales tax revenue over the next five years is challenging in part due to a change at the state level to sales tax on Premiums for Medicaid Managed Care Organizations (MCO's). With a removal of sales tax on the MCO'S, COTA will lose an estimated \$8 million annually beginning in July of 2017. After the removal of the MCO sales tax, the TIP analysis assumes that the tax receipts will grow at an annual rate of approximately 3% for the years 2017 to 2021.

### **12.4 Capital Plan**

An outline of the Capital Acquisition Plan is provided in Table 12-2. All projects in the 2017 column have been fully funded as outlined by the Authority's approved budget. Major capital items in Table 12-2, such as buses, park and rides, and other facilities are described in detail in Sections 6 and 9 respectively. Major capital items will be funded primarily with Federal Section 5307 Urbanized Area Formula program grants and Congestion Mitigation Air Quality (CM/AQ) funds. Total capital expenditures planned for 2017-2021 are just over \$323 million. Major components of the capital program are discussed in Section 12.5.



Existing federal transportation bill language gives regional transit authorities the latitude to use their Section 5307 Federal Formula Assistance on the capitalization of maintenance. This plan assumes that Section 5307 Urban Formula assistance will be utilized for any funding shortfall from other sources for revenue vehicle replacement and/or other qualifying capital projects.

## **12.5 Major Capital Projects**

The total five-year Capital Acquisitions Plan is projected to cost over \$323 million as identified in Table 12-2. During this SRTF timeframe, COTA is proposing significant capital improvement investments aimed to strengthen and provide new transit services in the central Ohio area.

### **12.5.1 Bus Replacement and Expansion**

Replacement of aging existing coaches and purchasing new coaches necessary to meet fixed-route and paratransit expansion plans continues to be a priority at COTA.

- In addition to the traditional FTA Section 5307 funding, COTA has programmed federal CMAQ funds and state toll revenue credits in the regional TIP. During SFYs 2017-2021, \$15.3 million in MORPC attributable CMAQ funding and state toll revenue credits will be used towards assisting with the purchase of fixed-route coaches;
- In conjunction with the increase in fixed-route service hours during 2017-2019, COTA will be reducing its fixed-route active fleet from 357 in January 2017 to 321 following the implementation of the TSR. The procurement process for ordering and delivery of fixed-route coaches takes approximately 12 to 18 months. On average, COTA will purchase approximately 28 CNG buses annually from 2017-2021.
- In 2017, 13 new uniquely branded buses for the Cleveland Avenue CMAX BRT service will be added to the fleet with two spares. The BRT fleet will have a separate replacement schedule due to their unique design and special branding. As much as possible, COTA desires to maintain a "smoothing" approach to bus purchases in order to replace vehicles in a predictable and timely manner, which allows COTA to ramp up service levels as quickly as possible within financial constraints; and
- COTA currently utilizes 70 vehicles to operate "Mainstream", a complementary paratransit service for individuals who are unable to use the regular fixed-route bus service due to a disability. As the fixed-route system changes from 2017 through 2021, and as the TSR changes are implemented, COTA anticipates purchasing additional paratransit vehicles to accommodate expected increases in paratransit service. As a result, the Mainstream fleet is projected to expand each



year from 2018 through 2021, resulting in a total fleet size of 74 vehicles by 2021. To provide for this expansion, during the 2017-2021 SRTP COTA has budgeted \$10.4 million for the purchase of replacement and expansion paratransit vehicles.

### **12.5.2 CMAX Cleveland Avenue BRT**

Following inclusion in President Obama's FFY 2016 budget request, on June 1, 2016, COTA and the Federal Transit Administration entered into a grant agreement for the Cleveland Avenue CMAX BRT project. The agreement includes \$37.4 million in federal Section 5309 Small Starts Capital Investment Grant funds to support the project. This funding represents 77% of the \$48.6 million total project cost. The remaining 23% local match requirement (\$11.2 million) will be funded by COTA's local operating funds.



*Figure 12-1 CMAX Grant Award Signign (Sen. Sherrod Brown and COTA CEO Curtis Stitt)*

### **12.5.3 Non-Revenue Vehicles**

Non-revenue vehicles are utilized to assist in the operations of COTA's services. COTA has established a consistent replacement schedule for service vehicles. Examples include vehicles for street supervisors, street facility and road crews, security operations, etc. The non-revenue fleet mix includes cars, vans, large trucks, dump trucks, and pick-up trucks. The estimated program cost for non-revenue support vehicles over the next five years is programmed at \$3.4 million.

### **12.5.4 Facility Construction Projects**

Continued renovation of the McKinley Avenue bus storage facility is included in the Capital Plan. Described in detail in Section 10.1.2, due to its aging condition, this facility encountered numerous mechanical, electrical, and equipment failures. Consequently, staff will continue renovation to the building and grounds.

This major renovation project was designed in several phases. With completion of Phases 1 and 2 and partial completion of Phase 3, major components of the facility (vehicle lifts, air handlers, vehicle exhaust systems, bus wash, etc.) were replaced or upgraded as well as addition of a new customer service call center and training rooms, and a redesigned operator day room.

During 2017 - 2019, \$25.3 million has been budgeted in order to fund the last phase (3 C) of this long-term renovation project. COTA plans to use local money for this project; however, staff will make every effort to pursue available federal funding opportunities if they arise.



COTA will pursue sustainable development practices in the renovation of this facility in order to achieve LEED “Silver” certification when this renovation project is completed. Additionally, renovation of the Fields Avenue Bus Storage and Maintenance Facility and Mobility Services buildings are planned to convert the facilities to service CNG vehicles beginning in 2017. Within the SRTP timeframe, \$36.6 million has been budgeted for these two projects.

A test track for fixed-route buses is planned to be constructed in 2018. This track will allow for the testing of new buses and training of operators. A total of \$6,000,000 is budgeted in the SRTP capital plan.

### **12.5.5 Strategic Investments – Park and Rides and Turnaround Locations**

An analysis of park and ride utilization and express service ridership were analyzed as part of the TSR project. Low performing express lines will be discontinued or consolidated to create fewer overall lines in the TSR network, however, the remaining express lines will have more trips per line beginning May 1, 2017 than the existing bus network (see Section 5 for additional details). Under-used park and ride lots are de-emphasized but most areas with express service still have a nearby park-and-ride lot with linking express service.

During this SRTP timeframe, COTA will also:

- Relocate park and ride service from a leased lot on Gender Road to a COTA-owned park and ride site which will be constructed in Canal Winchester near Gender Road and Winchester Pike (opening in 2018);
- As part of the Cleveland Avenue CMAX BRT project, COTA will relocate the currently leased Northern Lights Park and Ride site located within the Northern Lights Shopping Center to a COTA-owned facility adjacent to this shopping center. The existing leased site limits COTA to 60 park and ride spaces, sits a distance back from Cleveland Avenue, and is inadequate to meet the demands of the proposed CMAX Cleveland Avenue BRT service; and
- In conjunction with the CMAX BRT project, a new transit center/park and ride located just south of the Cleveland Avenue/SR-161 intersection will finish construction in the fall of 2017.

### **12.5.6 Other Strategic Investments**

Improving transportation capacity in the region will require investing in resources that make transit more convenient, reliable, and responsive. These investments could include:

- High capacity fixed-guideway options proposed in COTA NextGen, such as high-level BRT or a rail based option;



- Non-fixed-guideway options such as BRT in mixed-traffic, a type of BRT service with fewer amenities than a full BRT line;
- Other capital investments that directly support transit use.

High capacity fixed-guideway alternatives are modes of transit that are reserved solely for a specific type of mass transit vehicle. Because only transit vehicles use fixed guideways, they allow for the quick and timely transport of people to and from key urban centers. Primary examples of fixed-guideway transit can be divided into commuter rail, light rail transit, streetcar, and BRT alternatives.

In total, COTA has programmed \$81.8 million in the 2018-2021 TIP for strategic investment planning and acquisitions that provide transportation options in the most congested traveled corridors of the region.

### **12.5.7      Intelligent Transportation Systems (ITS)**

ITS is the application of various technologies that improve information, control, and communication systems for a region's transportation system, including public transit. Examples include travel information systems, traffic signal priority for emergency or public transit vehicles, fleet maintenance systems, and numerous other applications. COTA's ITS applications are designed to make bus travel easier and more convenient, reduce traffic congestion, provide timely and comprehensive transit information, improve on-time performance, and facilitate integration of COTA's operations into a regional transportation network. Example components of COTA's ITS plans include:

- Passenger information systems that provide real-time bus arrival/ departure information;
  - Signal priority systems that adjust traffic signal timing to expedite bus service; and
  - Electronic fare collection systems, which speed up passenger boarding, and provide opportunities for riders to renew bus passes remotely, using the Internet.
- ITS components already in place at COTA include:
- CAD/AVL;
  - Onboard automated stop announcements;
  - APCs; and
  - Safety and security systems.



During the 2017-2021 SRTP, COTA has budgeted nearly \$17.6 million for various ITS project components described in detail in Section 10. Included in the plans is the installation of COTA's real time passenger information, a new farebox system that includes smart card and mobile payment technologies, and deployment of Wi-Fi on all buses for customer use. Over the next three years, COTA will continue to work closely with the City of Columbus Smart Columbus project team to design and implement additional new technologies that improve customer safety and integrate COTA's services with smart mobility options under development by the City (multimodal payment systems, autonomous vehicles, creation of mobility hubs, etc.).

### **12.5.8 Bus Stop Shelter and Transit Enhancements**

COTA's Capital Improvement Plan includes improvements to various passenger amenities such as installation and replacement of bus stop signs, shelters, information displays, trashcans, etc. Investments in these amenities are designed to provide convenient, comfortable, and safe passenger waiting areas for customers. To meet this goal, COTA has programmed \$2.8 million for associated transit improvements during the 2017-2021 timeframe. COTA will also investigate deployment of passenger benches for bus stop locations that have insufficient space for passenger shelters, or at stop locations that do not warrant, based on ridership, installation of shelters.

## **12.6 Achieving 25 million rides by 2025 and the Financial Plan**

To reach the goal of 25 million rides by 2025, COTA has developed a list of initiatives that do not currently effect the ridership projections found in the model's financial summary table, Table 12-1. The current financial plan projects COTA will be able to expand fixed-route bus service hours, the primary variable effecting ridership, through 2019. After 2019, ridership growth will be dependent upon non-service related factors, such as population and job growth and passenger amenities and services.

Financial models cannot accurately account for the influence of non-service related amenities and services have on ridership, such as the affect free Wi-Fi or real-time information. However, research suggests that these factors do promote ridership retention and growth. Reports such as Transit Center's "Who's On Board 2016 " demonstrate that the availability of amenities such as clean, safe bus shelters, sidewalks connecting to bus stops, quality customer service and the structure of fares drive changes in ridership.

For 2016, total ridership (fixed route network and Mainstream service) was 18.8 million rides. Based on 2016 ridership, 6.2 million more annual rides are need to achieve the 25x25 goal. As described in Section 8, a suite of projects and initiatives that are focused on attracting new riders and retaining current riders to ensure COTA meets its ridership goals are currently underway or planned. Listed below are these projects and initiatives separated into those that are currently within the financial constraints of the 2017-2021 SRTP and those that are proposed to be added during future updates, completed every two years.



Included in the 2017-2021 SRTP Financial Plan:

1. CMAX BRT;
2. Improving amenities at bus stops;
3. Wi-Fi on buses;
4. Real-time signage at major stops;
5. First mile/last mile connections to difficult to serve attraction centers;
6. Flex route or feeder services;
7. Real-time passenger alerts;
8. Online customer service;
9. New fare payment system;
10. Review fare policies and potentially change fares;
11. Follow data driven service standards
12. Revisit the TSR 70 percent ridership and 30 percent coverage service allocation;
13. Update bus stop spacing standards;
14. Customer and Community Insights Program;
15. Work with developers and employers to site developments close to transit;
16. Target improvements to pedestrian infrastructure along transit corridors and between bus stops and destinations;
17. Encourage municipalities to develop transit supportive policies, guidelines and practices;
18. Proposed to be implemented in future planning:
19. Expanding the high-frequency network;
20. Additional limited stop service in high-frequency corridors;
21. Dedicated bus lanes on surface streets;



22. Dedicated bus lanes or high-occupancy vehicle (HOV) lanes on highways;
23. Implementation of high-capacity corridor(s);
24. Expanding the fixed-route bus network;
25. Customer loyalty program;
26. Lifestyle/health/environmental campaigns;
27. Unique "place making" bus stops;
28. New vehicles types focused on comfort and capacity;
29. Skip stop service in Downtown; and
30. New transit centers in areas of high ridership.

## 12.7 Financial Summary

Table 12-1 is a financial summary of the system, which displays COTA's projected annual fixed-route service levels, sources of revenue, operating expenses, net capital outlays and resulting cash balances through 2021.

Since the passage of an additional 10-year renewable 0.25% sales tax in November 2006, COTA has initiated implementation of many transit enhancements described in the 2006 LRTP, which supported the additional sales tax request. In 2008, however, a major nationwide economic slowdown began that negatively influenced several sectors of the economy, and led to significantly higher unemployment rates in the region. In 2010, COTA adjusted its rate of annual service hour expansion as described in the 2012 LRTP from 60,000 annual hours to 30,000 annual hours. Economic improvement in the last few years allowed COTA to increase annual hours of expansion to approximately 70,000 hours per since 2015. COTA will continue to maintain prudent management of its financial resources and a conservative projection of future local sales tax receipts and federal and state financial assistance.

This five-year plan (2017-2021) represents implementation of recommendations that were included in the TSR bus service plan, and takes into account numerous public and stakeholder comments received during development of the TSR service plan. During 2017-2021, COTA plans to continue to expand service at an annual rate of approximately 26,000 hours, leveling off at a sustainable level of 1,250,950 hours in 2019. In addition, COTA will continue to monitor the performance of existing routes to help ensure that the transit system is operating efficiently and so operational resources can be allocated in the most efficient manner.

COTA's Board of Trustees and management staff will continue to work vigorously to provide affordable, cost-effective public transit services to the citizens of Central Ohio.



Table 12-1: Financial Summary

CENTRAL OHIO TRANSIT AUTHORITY  
SRTP 2017-2021

	Budget	Projected	Projected	Projected	Projected
	2017	2018	2019	2020	2021
Beginning service hours	1,118,776	1,190,191	1,249,700	1,250,950	1,250,950
Change in hours	71,415	59,510	1,250	0	0
Ending service hours	1,190,191	1,249,700	1,250,950	1,250,950	1,250,950
Passengers	18,774,570	20,109,840	21,574,049	21,897,660	21,870,542
<b>SOURCES</b>					
Total Sales and Use Tax	\$ 129,937,419	\$ 131,886,481	\$ 135,843,075	\$ 139,918,367	\$ 144,115,918
Passenger Revenues	\$ 19,504,901	\$ 22,563,481	\$ 24,206,342	\$ 24,569,437	\$ 26,011,352
Federal Asst. (JARC, 5307, Misc Grants)	\$ -	\$ -	\$ -	\$ -	\$ -
State Assistance	\$ -	\$ -	\$ -	\$ -	\$ -
Fuel Tax Refund (State)	\$ 554,054	\$ 542,973	\$ 543,516	\$ 543,516	\$ 434,813
Investment Income	\$ 1,010,872	\$ 1,231,748	\$ 967,401	\$ 794,313	\$ 850,738
Lease Income	\$ 731,850	\$ 731,850	\$ 731,850	\$ 750,146	\$ 768,900
Other (Miscellaneous)	\$ 238,253	\$ 238,253	\$ 238,253	\$ 244,210	\$ 250,315
<b>TOTAL SOURCES</b>	<b>\$ 151,977,350</b>	<b>\$ 157,194,786</b>	<b>\$ 162,530,437</b>	<b>\$ 166,819,990</b>	<b>\$ 172,432,035</b>
<b>USES</b>					
Operating Labor	\$ 47,607,459	\$ 51,747,320	\$ 53,865,948	\$ 56,559,245	\$ 59,387,207
Administrative Labor	\$ 18,828,764	\$ 18,983,205	\$ 19,559,830	\$ 20,146,625	\$ 20,751,024
Benefits	\$ 27,700,708	\$ 30,212,824	\$ 31,748,261	\$ 33,335,674	\$ 35,002,458
Services	\$ 12,113,261	\$ 10,228,755	\$ 10,489,623	\$ 10,751,863	\$ 11,020,660
Paratransit	\$ 8,245,371	\$ 8,451,505	\$ 8,662,793	\$ 8,879,362	\$ 9,101,346
Fuel	\$ 4,495,638	\$ 4,223,126	\$ 4,026,047	\$ 3,824,744	\$ 3,623,442
Other Materials and Supplies	\$ 9,558,568	\$ 9,969,221	\$ 10,227,075	\$ 10,482,752	\$ 10,744,821
Utilities	\$ 2,308,775	\$ 2,366,495	\$ 2,425,657	\$ 2,486,299	\$ 2,548,456
Casualty & Liability Costs	\$ 329,150	\$ 353,836	\$ 363,036	\$ 372,112	\$ 381,415
Other	\$ 3,195,066	\$ 2,577,761	\$ 2,642,574	\$ 2,708,638	\$ 2,776,354
<b>TOTAL USES</b>	<b>\$ 134,382,762</b>	<b>\$ 139,114,048</b>	<b>\$ 144,010,843</b>	<b>\$ 149,547,315</b>	<b>\$ 155,337,183</b>
<b>NET (OPERATIONS)</b>	<b>\$17,594,588</b>	<b>\$18,080,738</b>	<b>\$18,519,594</b>	<b>\$17,272,675</b>	<b>\$17,094,852</b>
<b>Capital</b>	<b>(\$34,451,591)</b>	<b>(\$38,529,529)</b>	<b>(\$45,487,519)</b>	<b>(\$11,162,009)</b>	<b>(\$17,558,270)</b>
<b>Ending Cash Balance- in Current Dollars</b>	<b>\$ 156,450,695</b>	<b>\$ 136,001,905</b>	<b>\$ 109,033,981</b>	<b>\$ 115,144,646</b>	<b>\$ 114,681,229</b>



Table 12-2: System Capital Program

**CENTRAL OHIO TRANSIT AUTHORITY**  
System Capital Program  
SRTP 2017-2021

	Fiscal Year	2017	2018	2019	2020	2021
<b>SOURCES</b>						
State Funding		\$ 1,691,735	\$ 1,747,258	\$ 1,764,731	\$ 1,022,264	\$ 1,094,858
Federal Funding		\$ 54,602,939	\$ 20,659,468	\$ 20,299,584	\$ 26,628,874	\$ 46,648,952
<b>TOTAL SOURCES</b>		<b>\$ 56,294,674</b>	<b>\$ 22,406,726</b>	<b>\$ 22,064,315</b>	<b>\$ 27,651,137</b>	<b>\$ 47,743,809</b>
<b>USES</b>						
Fixed Route Buses- CNG		\$ 13,601,980	\$ 15,087,735	\$ 15,540,367	\$ 16,006,578	\$ 16,317,424
Non-revenue Support Vehicles		\$ 698,100	\$ 691,731	\$ 566,183	\$ 811,068	\$ 641,400
Bus Rapid Transit		\$ 27,806,376	\$ -	\$ 2,000,000	\$ 10,000,000	\$ 35,000,000
Transt Centers; P&R improvements		\$ 2,028,222	\$ 480,000	\$ 350,000	\$ 909,727	\$ 2,000,000
ITS		\$ 11,234,966	\$ 2,000,000	\$ 250,000	\$ 2,071,431	\$ 2,073,713
Computer Hardware \ Software		\$ 5,754,398	\$ 2,000,000	\$ 3,794,349	\$ 3,907,610	\$ 4,032,459
Facility Improvements		\$ 10,182,878	\$ 36,500,000	\$ 40,500,000	\$ 1,418,030	\$ 1,463,336
Shop \ Other Equipment		\$ 1,021,437	\$ 784,926	\$ 808,670	\$ 832,809	\$ 859,417
Strategic Investments- Property		\$ 3,060,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Paratransit Vehicles		\$ 3,238,068	\$ 1,976,863	\$ 2,314,814	\$ 1,415,620	\$ 1,460,849
Non-Operating Expenses		\$ 11,050,000	\$ -	\$ -	\$ -	\$ -
Transit Enhancements		\$ 1,069,839	\$ 415,000	\$ 427,450	\$ 440,274	\$ 453,482
<b>TOTAL USES</b>		<b>\$ 90,746,264</b>	<b>\$ 60,936,255</b>	<b>\$ 67,551,833</b>	<b>\$ 38,813,146</b>	<b>\$ 65,302,079</b>
Local Capital Requirement		\$(34,451,591)	\$(38,529,529)	\$(45,487,519)	\$(11,162,009)	\$(17,558,270)



# **Appendix B**

## **Policies for Managing MORPC-Attributable Funds**

**Approved by Resolution T-4-16  
Adopted on April 14, 2016**





**Mid-Ohio Regional  
Planning Commission**

# **Policies for Managing MORPC-Attributable Funds**

**April 2016**

**Mid-Ohio Regional Planning Commission**

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Mid-Ohio Regional  
Planning Commission

## Policies for Managing MORPC-Attributable Funds

April 2016

The Policies for Managing MORPC-Attributable Funds was prepared by the Mid-Ohio Regional Planning Commission (MORPC), 111 Liberty St., Suite 100, Columbus, OH 43215, 614-228-2663, with funding from the Federal Highway Administration, Federal Transit Administration, Ohio Department of Transportation, and Delaware, Fairfield, Franklin, Licking, and Union counties. The contents of this report reflect the views of MORPC, which is solely responsible for the information presented herein.

In accordance with requirements of the US Department of Transportation (USDOT), MORPC does not discriminate on the basis of race, color, national origin, gender, or disability in employment practices or in programs or activities. More information on non-discrimination resources and related MORPC policies is available at [www.morpc.org](http://www.morpc.org).



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## 1 Introduction

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The federal transportation program in the United States was authorized in 2015 by the Fixing America's Surface Transportation Act, or FAST Act. Three of the many funding programs that this law reauthorized are the Surface Transportation Program (STP), the Congestion Mitigation & Air Quality Improvement Program (CMAQ), and the Transportation Alternatives Program (TAP). The Ohio Department of Transportation (ODOT) sub-allocates a portion of these funds to the state's metropolitan planning organizations (MPOs), including the Mid-Ohio Regional Planning Commission (MORPC). MORPC's program depends upon the continuation of federal funding programs and ODOT's policy. Each MPO is charged with attributing the funds to projects and activities sponsored by local public transportation agencies located within the MPO. MORPC's allocations are about \$32 million annually:

Federal Transportation Program	MORPC's Annual Allocation
Surface Transportation Program (STP)	\$20 million
Congestion Mitigation & Air Quality Improvement Program (CMAQ) <sup>1</sup>	\$10 million
Transportation Alternatives Program (TAP)	\$2 million
<b>Total</b>	<b>\$32 million</b>

MORPC has established a competitive evaluation process to help determine which of the requests will be granted. Staff and the Attributable Funds Committee evaluate information from applicants based on established criteria in order to make recommendations for awards. A public involvement process follows, and the MORPC Transportation Policy Committee (TPC) makes awards based on the recommendations and public comments.

The TPC has adopted this document to establish the policies to guide the allocation and management of these MORPC-attributable federal funds. If warranted by circumstances, the TPC may suspend any of these policies at its discretion.

## 2 Attributable Funds Committee (AFC)

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MORPC convened the Attributable Funds Committee (AFC) to review the policies and procedures for managing these funding programs and to recommend modifications to them. The purpose of the committee is to advise MORPC's TPC, Transportation Advisory Committee (TAC), and Community Advisory Committee (CAC) on the development and execution of the processes used to allocate MORPC-attributable federal funds. To accomplish this, the AFC oversees the evaluation of applications, reviews the results of the evaluation, and recommends a program of funding commitments to the TPC.

As established in the AFC's bylaws, membership includes representatives from the following entities:

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<sup>1</sup> CMAQ funding is distributed through a process implemented by Ohio's eight large MPOs. The annual allocation is an estimate based on the MORPC's per capita proportion of the total available through the eight MPOs. See Section 10.3 for more information.



- MORPC Committees:
  - *Transportation Policy Committee (TPC)*: 1 appointed by the Chair of the TPC
  - *Community Advisory Committee (CAC)*: 2 appointed by the Chair of the CAC
  - *Transportation Advisory Committee (TAC)*: All members as identified in the current TAC bylaws with the same voting rights as listed in the TAC bylaws
  - *MORPC Sustainability Advisory Committee*: 1 as appointed by the Chair of the Sustainability Advisory Committee
  - *MORPC Air Quality and Energy Working Group*: 1 as appointed by the Chair of the Air Quality and Energy Working Group
- *Columbus and Franklin County Metropolitan Park District*: 1 as appointed by the Executive Director of Metro Parks (non-voting)
- *Sierra Club*: 1 as appointed by the Chair of the Central Ohio Group (non-voting)
- *Rails-to-Trails Conservancy*: 1 as appointed by Midwest Regional Office Director (non-voting)
- *Clean Fuels Ohio*: 1 as appointed by the Executive Director of CFO (non-voting)
- *MORPC staff*: 3 as appointed by the Executive Director (non-voting)
- Representatives of communities which have a future commitment of MORPC-attributable federal funding or which submitted final application(s) for MORPC-attributable federal funding on the most recent deadline date, except for those communities that already have representation through Permanent Member seats: 1 per community applicant appointed by the chief executive of that community.

The chairs of the CAC, TAC, and TPC will ensure that various fields have balanced representation on the AFC.

### **3 Process Milestones and Schedule**

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In the summer of the year prior to the TIP update (typically even-numbered years), staff will request applications for new funding commitments and updated information for all outstanding funding commitments. The process is outlined below:

1. Ask sponsors of outstanding funding commitments to complete the Commitment Update Form.
2. Request Screening Applications for new funding commitments.
3. Review the requests to modify outstanding commitments on the Commitment Update Forms and recommend changes.
4. Estimate the amount of funding available for new funding commitments based on recommended changes to outstanding commitments.
5. Review the Screening Applications and discuss with the applicants the competitiveness of their requests in comparison to others submitted by the same sponsoring agency and the amount of funding available.
6. Request Final Applications for new funding commitments in order to complete the evaluation process.



Below is the schedule for the 2016-2017 application and selection process:

Date	Milestone
<b>April 14</b>	The TPC adopts the Policies.
<b>April 18</b>	Solicitation of funding applications announced.
<b>May 10</b>	MORPC hosts a workshop for applicants from 2:30 p.m. to 4:30 p.m.
<b>June 6</b>	The Commitment Update Form must be completed online by 5 p.m., when staff downloads the data in the online form.
<b>June 13</b>	Staff notifies sponsors of any errors and omissions on the Commitment Update Forms. Sponsors have one week to provide corrections.
<b>June 13</b>	Screening Applications must be completed online by 5 p.m., when staff downloads the data in the online form.
<b>June 20</b>	Staff will notify applicants of any errors and omissions on the Screening Applications. Applicants will have one week to provide corrections.
<b>July 1</b>	MORPC posts the summary of Updates and Screening Applications.
<b>July 6</b>	AFC meets at approximately 10 a.m. (following TAC). Staff presents changes requested on the Commitment Update Forms and recommendations for modifications to outstanding funding commitments. Staff presents an overview of Screening Applications received.
<b>July 8</b>	Staff revises the forecast of funding available for new commitments.
<b>July 15</b>	Staff sends feedback to Screening Applicants and guidance for completing the Final Application.
<b>Aug. 15</b>	Final Applications must be completed online by 5 p.m., when staff downloads the data in the online form.
<b>Aug. 22</b>	Staff notifies applicants of any errors and omissions on the Final Applications. Applicants have one week to provide corrections. Applications will be penalized if the applicants fail to respond. See Section 6.3.
<b>Aug. 31</b>	AFC meets at approximately 10 a.m. (following TAC) to approve modifications to outstanding funding commitments. Staff presents a summary of each final application for new funding.
<b>September</b>	Staff applies scoring criteria to the applications for new funding commitments to develop a preliminary ranking of applications.
<b>Oct. 5</b>	AFC meets at approximately 10 a.m. (following TAC) to review MORPC staff preliminary scoring and ranking the applications.
<b>October</b>	AFC provides feedback to staff on preliminary scoring. Staff revises scoring as needed.
<b>Nov. 2</b>	AFC meets at approximately 10 a.m. (following TAC) to review the staff's revised ranking within each Activity Category and develop a draft recommendation of new funding commitments.
<b>Nov. 16</b>	AFC meets at 10 a.m. to present member feedback on the draft recommendation and progress toward endorsing the recommendation.
<b>Nov. 30</b>	AFC meets at approximately 10 a.m. (following TAC) to consider final adjustments to the draft recommendation of funding commitments and approve it for the public review and comment period.
<b>Dec. 2</b>	Draft recommendation of funding commitments is announced and made available for public review and comment (30 days).
<b>December</b>	Sponsors of applications included in the draft recommendations will coordinate with ODOT to program the project (obtain a PID) and initiate project development.
<b>Jan. 3</b>	Close of public review and comment period.
<b>Jan. 4</b>	AFC meets at approximately 10 a.m. (following TAC) to review public comments received and discuss changes to the awards, if necessary. Otherwise the AFC will proceed with the business of the February 1 meeting.
<b>Feb. 1</b>	AFC meets at 10 a.m. to complete discussion on changes to the draft recommendations. AFC approves final recommendations for updated and new commitments of MORPC-attributable funding.
<b>March</b>	MORPC's CAC, TAC and TPC reviews, modifies and approves the awards of MORPC funding.



## 4 Eligibility and Requirements

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### 4.1 Eligible Sponsors

The sponsor submitting an application must be a public agency that is legally eligible to enter into a contract with ODOT. Citizen groups, other private organizations, public school districts, or government agencies ineligible to contract with ODOT may indirectly sponsor an application by coordinating with a sponsoring agency. The sponsoring agency assumes responsibility for executing the project. The sponsoring agency must own the proposed project facility and/or must own the property on which the proposed project will be located upon completion of the project.

The sponsoring agency's legislative body (e.g., city council) must approve a resolution or legislation committing the agency to maintain the facility, equipment, or other activity proposed in the application. Sponsoring agencies that have not adequately maintained prior projects that received MORPC-attributable funds are ineligible to apply for funding for additional projects.

### 4.2 Eligible Roadways: The Federal-Aid System

The federal-aid status of a roadway is largely determined by its functional classification. These classifications are determined by each state's department of transportation (in conjunction with MPOs such as MORPC and local officials) based on criteria established by the Federal Highway Administration (FHWA). Roads functionally classified as local streets are not part of the federal-aid highway system and are not normally eligible for federal transportation funds. Roads functionally classified as Minor Collectors that are located outside of the Urbanized Area also are not normally eligible for federal transportation funds. Minor Collectors within the Urbanized Area and all Major Collectors, Arterials, Freeways/Expressways, and Interstates are eligible for federal transportation funds.

### 4.3 Eligible Activities: The Metropolitan Transportation Plan

To be eligible for funding, the proposed activity must be either individually identified on the MORPC Metropolitan Transportation Plan (MTP), consistent with it, or eligible to be included in it. The MTP identifies many individual roadway and bikeway projects. The proposed activity does not have to exactly match the MTP listing. For example, a project could have different limits or propose a different number of lanes than the MTP project. Some activities, such as transit, pedestrian facilities, maintenance and intermodal access, are listed as Unmapped Projects. Intersection modification projects that are not individually listed on the MTP are included as a single line item in the Unmapped Projects.

If a proposed activity is not included or consistent with the MTP, it is still eligible for a funding commitment. However, the application must include justification for its absence on the MTP, the application's score will be lower in the Collaboration and Funding goal, and it must be added to the MTP before it can be included with federal funding in the Transportation Improvement Program (TIP).

### 4.4 Eligible Costs

#### 4.4.1 Non-Federal Matching Requirements

All of the programs generally limit federal funding to 80 percent of eligible costs and require a 20 percent match from non-federal sources; however, Toll Revenue Credit (TRC) may be used to raise the federal share up to 100 percent of eligible costs, subject to the policy on use of TRC (see Section 4.4.2). Matching funds must be provided in cash, as in-kind contributions are not permitted. Ridesharing and signals projects can be funded 100 percent with MORPC-attributable funds.



#### 4.4.2 Toll Revenue Credit

Toll Revenue Credit (TRC) provides the opportunity for funding of project costs in excess of 80 percent. TRC is not additional federal dollars to the region; rather, it is a credit applied by FHWA for Ohio's use of state turnpike revenues on highway projects that are otherwise federally eligible. The credit, in turn, allows use of federal funds in excess of the 80 percent limit on any federally eligible project within the state. TRC is intended to provide additional flexibility to fund projects at a higher rate than the 80 percent limit; however, use of TRC takes away the ability to fund other eligible projects in the region.

MORPC's policy allows TRC to be applied to funding commitments in a variety of circumstances to facilitate program management, including, but not limited to:

- The AFC or staff may recommend uses of TRC that allow for the more efficient delivery of outstanding commitments or to minimize funds subject to recall by ODOT's Carry Forward Policy.
- Increasing federal share on an earlier phase of a project – typically preliminary engineering or right-of-way – by advancing funds committed to a later phase (construction) of the project, such that the total funds committed to the project do not exceed 80 percent of the eligible phases (typically right-of-way and construction).
- An applicant can request federal funds in excess of 80 percent using TRC. However, the score will be reduced as described in the criteria for Collaboration in Section 7.1.4.

This section does not apply to ridesharing and signal projects, which are eligible for up to 100 percent funding without use of TRC.

#### 4.4.3 Eligibility of Preliminary Engineering

MORPC expects sponsors of construction projects to undertake preliminary development and detailed design activities without use of MORPC-attributable funds because it shows the sponsor's commitment to their project. It also avoids spending the additional time needed to procure engineering services when federal funds are used. In certain situations (a multi-jurisdictional project or severe financial hardship by the local agency, MORPC may attribute funds for preliminary engineering. Except as noted below, if MORPC funds are used for preliminary engineering, its total funding commitment to the project (preliminary engineering, right-of-way and construction) will not exceed the amount it would have been had MORPC funds only been used for the right-of-way and construction phases.

As an incentive for eligible projects slated for construction in the first four years of TIP to maintain their schedules, MORPC will fund up to 25 percent of costs of their preliminary engineering phase. If the project fails to meet the plan file date on the initial Partnering Agreement, then the PE costs will be deducted from the eligible construction funds for said project. Only applications for new funding commitments are eligible for this incentive; it is not available after funds have been committed.

#### 4.4.4 Prior Federal Authorization

STP, CMAQ, and TAP are not grant programs; they operate on a reimbursement basis as work progresses. **Costs for any activity that occurs prior to authorization of the project phase by the Federal Highway Administration (FHWA) are not eligible for reimbursement.** The sponsoring agency will be responsible for those costs. In some cases, actions taken by the applicant that are inconsistent with the PDP (e.g., acquiring right-of-way before environmental clearance or through inappropriate means) can jeopardize the use of federal funds on the project.



## 4.5 Eligible Activities

The U.S. Department of Transportation has established eligibility requirements for the STP, CMAQ and TAP programs, which are summarized below. Contact MORPC staff if you have a question on the eligibility of a proposed activity. Because of the difficulty in administering separate selection processes for each program and in applying for multiple programs for an eligible activity, MORPC has combined the funding programs into a single selection process and established funding targets for Activity Categories based on the eligibility provisions and allocations for the three programs. The funding targets are provided in Section 5.3.

### 4.5.1 STP Eligibility Guidance

STP is the most flexible of the MORPC-attributable funding programs. Generally, any capital project or program eligible for federal highway or transit funding is eligible for STP funds. STP funds may be used for construction, expansion, reconstruction or preservation projects on any federal-aid highway (e.g., arterials, collectors, but not local streets) or a bridge on any public road, transit capital projects, bicycle and pedestrian projects, and intracity and intercity bus terminals and facilities. Guidance on the eligibility for STP funds is available on the Web at:

<http://www.fhwa.dot.gov/specialfunding/stp/160307.cfm>.

### 4.5.2 CMAQ Eligibility Guidance

The purpose of the CMAQ program is to fund transportation projects or programs that reduce congestion and/or contribute to air quality improvements. CMAQ activities must demonstrate reductions in emissions of pollutants that contribute to the non-attainment of air quality standards, such as ozone precursors (nitrogen oxides and volatile organic compounds) and particulate matter. Eligible activities include:

- Traditional traffic flow improvements, such as the construction of roundabouts, left-turn or other managed lanes.
- Intelligent Transportation Systems (ITS) projects, such as traffic signal synchronization projects, traffic management projects, and traveler information systems.
- Projects and programs targeting freight capital costs – rolling stock or ground infrastructure.
- Programs for the provision of all forms of high-occupancy, shared-ride services.
- Programs to control extended idling of vehicles.
- New transit vehicles to expand the fleet or replace existing vehicles.
- Bicycle and pedestrian facilities and programs.
- Alternative fuels infrastructure and vehicles.

The U.S. Department of Transportation released a guidance document for the CMAQ program that includes an overview of the program and additional eligibility provisions. The guidance document is available on the web:

[http://www.fhwa.dot.gov/environment/air\\_quality/cmaq/policy\\_and\\_guidance/2013\\_guidance/index.cfm](http://www.fhwa.dot.gov/environment/air_quality/cmaq/policy_and_guidance/2013_guidance/index.cfm)

### 4.5.3 TAP Eligibility Guidance

Transportation alternatives include construction of on-road and off-road trail facilities for pedestrians, bicyclists, and other nonmotorized forms of transportation, including sidewalks, bicycle infrastructure, pedestrian and bicycle signals, traffic calming techniques, lighting and other safety-related infrastructure, transportation projects to achieve compliance with the Americans with Disabilities Act, and projects to provide safe routes for non-drivers. Each project or activity must demonstrate a relationship to surface transportation. FHWA provides general guidance on the TAP



and additional eligible activities. The guidance is available on the Web:  
<http://www.fhwa.dot.gov/map21/guidance/guidetap.cfm>.

#### 4.5.4 Complete Streets Policy

Projects are required to adhere to [MORPC's Complete Streets Policy](#) in the planning and design of all proposed transportation projects using MORPC-attributable federal funds. The main objective of the policy is to design and build roads that safely and comfortably accommodate all users of roadways, including motorists, cyclists, pedestrians, transit and school bus riders, people with disabilities, delivery and service personnel, freight haulers, and emergency responders. It includes people of all ages and abilities.

Sponsors are responsible for determining, within the context of the project, the most appropriate project approach to meet the Complete Street Policy's requirements. Sponsors shall copy MORPC staff on all submittals to ODOT concerning Complete Streets. The Complete Streets Policy is available on the MORPC website.

#### 4.6 Guidance for Applicants

Applicants should consider the following points before applying:

- Scrutinize the cost versus benefit when applying for federal funds. The program requirements can be demanding, and what is believed to be a small, inexpensive project can spiral quickly into a complicated and expensive one. For example: a project once thought to have a total cost of \$85,000 with no right-of-way acquisition became a \$120,000 construction cost with an additional \$220,000 required for right-of-way acquisition.
- Federally funded projects are subjected to many requirements, including the National Environmental Policy Act (NEPA), the Uniform Relocation Assistance and Real Property Acquisition Act, and other ODOT regulations and standards. Most locally planned and funded projects are not subject to these requirements and may often be developed more quickly and at less expense than those that are federally funded.
- When developing a project schedule, keep in mind that the project will be subject to all of the ODOT PDP. Many steps will take much longer than if they were performed in-house. Even the least complicated projects do not happen overnight. Remember that ODOT has thousands of projects being developed at any given time. ODOT cannot expedite one applicant's project at the expense of other projects.
- Before hiring a consultant, review the experience of the personnel to be assigned to the project have with federally funded projects. How many have they successfully advanced through the system? When, where, and what type of project(s)? Consultants working on projects with a commitment of MORPC-attributable funds for any phase must be pre-qualified by ODOT.

## 5 Activity Categories

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### 5.1 Purpose

MORPC promotes a multi-modal transportation system. Realizing the difficulty in evaluating different types of projects, the applications will be evaluated by criteria developed for one of six Activity



Categories. Each category will have the same or similar types of projects. Much of the evaluation criteria are the same across the categories, but some criteria may be different to better reflect the distinguishable aspects of projects within particular categories. The grouping into categories of projects and the criteria unique to each category allows for a better “apples-to-apples” comparison of projects.

## 5.2 Definitions

The six Activity Categories are:

- **Major Widening/New Roadway** – This category primarily includes addition of through lanes or new roadways. It would also include new or expanded interchanges.
- **Minor Widening/Intersections/Signals** – This category includes minor widening/safety projects which add center turn lanes and/or widen lanes to standard widths. It also includes intersection projects. Coordinated signal system projects would also fall into this category
- **Bike and Pedestrian** – This category primarily includes multiuse paths and sidewalk projects. Projects which may add other type of bikeway such as a bike lane would also fall into this category. These must be stand alone projects and not part of a larger roadway project.
- **Transit** – This category includes transit vehicle replacements, park and rides, transit centers, enhanced bus stops, capital projects related to new service, streetcar, bus rapid transit, or rail transit.
- **System Preservation** – This category includes projects that are solely replacement of existing roadway infrastructure such as bridge replacements, resurfacing or rehabilitation or signal replacement/installation. If the project includes major or minor capacity increases, it would fall into the major or minor categories above.
- **Other** – If the funding request does not fit in any of the above categories, it falls into this category. These may be education or enforcement activities, non-transit engine retrofits, refueling stations, etc.

## 5.3 Funding Target Ranges

MORPC has established the target ranges of funding below for different Activity Categories. The purpose of the criteria is to identify the projects among the various categories that best advance the goals of the MTP. Once the most worthy projects are identified, the appropriate funding source(s) will be identified.

	Major Widening	Minor/ Intersections	Transit	System Preservation	Bike & Pedestrian
<b>Minimum %</b>	40	20	5	10	5
<b>Maximum %</b>	50	30	10	15	15

MORPC traditionally funds four programs from its attributable funding: RideSolutions, Paving the Way, Air Quality Awareness and Supplemental Planning. These programs may use up to five percent of MORPC-attributable funding without submitting applications for the formal selection process. The AFC may still make recommendations to the TPC regarding funding for these programs.



## 6 Application Process for New Funding Commitments

There is a two-step process to apply for new funding commitments – a Screening Application and a Final Application.

### 6.1 Screening Application

Screening Applications will be submitted through an online form and are due on June 13, 2016. The Screening Application gathers enough information to determine whether the project or program is eligible for funding, which Activity Category is most suitable for the project and for MORPC to gather information on the total funding expected to be requested.

Applicants will be asked to provide the following information as applicable:

Project Title	Project Scope
Sponsoring Local Public Agency	Project Type
ODOT PID (if assigned)	Activity Category
Metropolitan Transportation Plan Project ID or Status	Right-of-Way Authorization Date
Complete Streets Verification	Award Contract Date
Applicant Contact Information	Date Funds are Needed (if no construction proposed)
Name	MORPC-Attributable Funds for Preliminary Engineering
Address	Source, Amount, and Percent of Phase Subtotal:
Phone Number	Preliminary Engineering
E-mail Address	Right-of-Way
Facility Name	Construction
Project Limits (From-To)	Other Costs
Project Length	Total Cost

After reviewing the Screening Applications for eligibility and completeness, MORPC staff will assign each one to an appropriate Activity Category. The AFC will consider the forecast of available funding and the new funding requests and direct the staff to advise each sponsor about the competitiveness of their application(s) and recommend which one(s) are good candidates to submit Final Applications. If a sponsor submits more than one Final Application, the sponsor will provide a priority ranking of the applications.

In mid-July, staff will provide feedback to the applicants on their Screening Applications. The AFC may recommend that sponsors limit the number of applications or amounts requested, but sponsors may submit Final Applications for any Screening Applications. The AFC will also provide guidance to the applicants about the specific information they will need to evaluate the application based on the Activity Category.



## 6.2 Final Application

The Final Application, which is due on August 15, 2016, will request the following information, as applicable, in addition to an authorized signature, a supporting resolution, and the information needed to evaluate the application using the criteria in Section 7.1:

Scope Information	Milestone Dates	Funding (Source, Amount, and Percent of Subphase)
Project Location Map	Consultant Authorization	Preliminary Engineering - Detailed Design
Two-Way Center Turn Lane	Submittal of Alternative Evaluation Report or Feasibility Study	Preliminary Engineering - Environmental/Preliminary Development
Number of Lanes in Each Direction	Preferred Alternative Approval	Right-of-Way Services
Travel Lane Widths in Each Direction	Stage 1 Design Plan Submittal	Right-of-Way Acquisition
Turn Lane Widths in Each Direction	Preliminary Right-of-Way Plan Submittal	Utility Relocation
Shoulder Widths in Each Direction	Stage 2 Design Plan Submittal	Construction Contract
Transit Components/Impacts	Final Right-of-Way Plan Submittal	Construction Engineering/Inspection
Bicycle Components/Impacts	Environmental Document Approval	Other Costs
Pedestrian Components/Impacts	Right-of-Way Authorization	Total Cost
Curb/Gutter	Stage 3 Design Plan Submittal	Cost Estimate Preparation Date
Stormwater System	Right-of-Way Certification	Additional Funding Considerations
Stormwater Treatment	Final Plans and Bid Package Submittal to ODOT	
Lighting	Award Contract	
Deliverables (if no construction is proposed)	Begin Construction	
Additional Scope Considerations	Complete Construction	
Priority Rank among Sponsor's Applications	Additional Schedule Considerations	

The AFC or staff may request information not listed above to address issues or concerns with the Screening and Final applications.

Applicants will provide a schedule that is realistic and recognizes the processing and review times needed by ODOT and other state and federal agencies in the project development process. If selected for funding, the sponsor and MORPC must agree on a schedule, in consultation with ODOT, when the partnering agreement is executed (see Section 9.1).

New funding commitments will not be scheduled to receive funding without allowing sufficient time for project development. **For most projects with a construction phase, this means that funding will not be available for any phase until SFY 2020.** Sponsors of such projects seeking funding before SFY 2020 will have to provide justification in the application. Sponsors that develop their projects ahead of their funding schedule may award such projects early if funds are available.

Sponsors should anticipate that preliminary development and environmental activities will take two years. Detailed design will take one year, but may be completed concurrently with right-of-way acquisition and utility relocation, which will take one to three years.



Funding commitments will be determined to be on schedule or behind schedule based on the dates in the Partnering Agreement. The schedule may be revised between the Screening Application and Final Application and between the Final Application and the Partnering Agreement.

### 6.3 Penalties for Incomplete Applications

As described previously, MORPC staff will review the applications and updates for errors and omissions. If additional information is needed, staff will send a request to the Sponsor Project Manager identified on the application. The applicant must adequately respond by the date indicated in the request, which will be approximately one week after it is sent. A failure to adequately respond to the request will result in a reduction of 5 points from a new application's overall score, which is on a 100 point scale. The penalty will increase by 5 points for each additional week that passes before the applicant adequately responds to a request. MORPC staff will determine whether a response to the request is adequate. The applicant may appeal any penalties to the AFC.

Applications lacking an authorized signature or supporting legislation will be subject to penalties as follows:

- Authorized Signature: If the signature area is incomplete (including printed name and title) a new project's evaluation score will be reduced by 10 points. The penalty will increase by 5 points for each additional week that passes before the applicant provides complete signature information.
- Supporting Legislation: If a copy of enacted supporting legislation is not received by September 30, 2016, a new project's evaluation score will be reduced by 10 points. The penalty will increase by 5 points for each additional week that passes before the applicant provides a copy of enacted supporting legislation.

## 7 Evaluation and Selection Process

Because of the high demand for MORPC-attributable federal funds, the AFC developed criteria and processes to identify the best candidates for funding. The criteria reflect current adopted MTP goals and objectives and satisfy the planning factors required by the federal Metropolitan Transportation Planning regulations.

### 7.1 Evaluation Criteria

As part of the continuing metropolitan transportation planning process, MORPC has been preparing the 2016-2040 Metropolitan Transportation Plan, which is scheduled to be adopted in May 2016. In December 2014, MORPC adopted six goals for the MTP below.

Through transportation:

- Reduce per capita **energy** consumption and promote alternative fuel resources to increase affordability and resilience of regional energy supplies.
- Protect **natural resources** and mitigate infrastructure vulnerabilities to maintain a healthy ecosystem and community.
- Position Central Ohio to attract and retain **economic opportunity** to prosper as a region and compete globally.
- Create **sustainable neighborhoods** to improve residents' **quality of life**.



- Increase regional **collaboration** and employ innovative transportation solutions to maximize the return on **public expenditures**.
- Use public investments to benefit the **health, safety, and welfare** of people.

The criteria for evaluating applications for new funding commitments are used to measure how well they advance the six goals identified for the MTP. These criteria help assure consistency between the MTP goals and the funding commitments that result from this process. The criteria that follow will be applied to the Final Applications. The criteria for evaluating applications follow and consist of qualitative information based on the information in the final application and well as quantitative data derived from GIS or travel demand model analysis.

#### 7.1.1 Economic Opportunity Goal Criteria

The evaluation for the economic opportunity goal criteria is mostly based on information provided in the Final Application. Two criteria are evaluated using MORPC-derived data from the regional travel demand model. Generally, the more job creation/retention, financial support for the project or the project area, and reduction in the amount of congestion, the higher the application score.

MORPC Derived	Economic Opportunity Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Blke & Ped	Transit	Other
	Is congestion hampering economic development in the area? How will improvements to the transportation system as a result of this project improve economic development?	X	X	X			
	Describe the type and amount of acreage of site(s) that will primarily benefit from the project's improvements (e.g., greenfields, developed, redeveloped, infill, brownfields, intermodal facilities). Provide a map showing the site(s) relationship to the project.	X	X	X			
	Explain the project's appropriateness in relationship to current local zoning, community planning and surrounding uses. Provide a map showing these in relationship to the project. Describe how the project may affect nearby property values, vacancy rates or other development factors.	X	X	X			
	Describe the presence and timing of all necessary economic development components in the project area, such as infrastructure (e. g., utilities, water and sewer, broadband), access to appropriately trained labor (skilled and unskilled), and other transportation options (e.g., rail, airports, transit or bicycle and pedestrian).	X	X	X			
	What private financial support has been or will be provided to this transportation project? Please specify the amount and entity providing the support and their relationship to the project. This may be support within the past three years or commitments into the future, and please specify the timeline for this support.	X	X	X			
	What public financial support has been or will be provided to the transportation project, such as grants, loans, bonds, tax incentives (e.g., SIB, TID, CRA, TIF, JEDD, JEDZ, CEDA) or other programs? Please specify the entity providing the support and the specific sources of the public funding (e.g. capital program from general revenue, specific TIF, etc.), the timeline for this support, and the relationship of the entity providing the support to the project.	X	X	X			



MORPC Derived	Economic Opportunity Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
	How much new private or public capital investment has been made in the project area or will be as a result of the project? This investment can be within the past three years or commitments between now and 5 years after completion of the transportation project. Provide a map similar to that of question #1 showing the past and committed investments. Please specify the type of investment and the timeline for this investment.	X	X	X			
	Provide the number of permanent jobs of each type (manufacturing, office, warehousing, retail, institutional) and corresponding average hourly wage that will be created in the region as a result of the project. Provide a map showing the locations in relationship to the project. Provide documentation showing that these jobs are committed to being created in this area with the improvements to the area.	X	X	X			
	Provide the number of permanent jobs of each type (manufacturing, office, warehousing, retail, institutional) and corresponding average hourly wage that will be <b>retained</b> in the region as a result of the project. If the jobs will be relocated from within the region, please indicate how many and where they are currently located. Provide a map showing the locations in relationship to the project. Provide documentation showing that these jobs are in jeopardy without the improvements to the area.	X	X	X			
	Is there anything unique about this project that has not already been discussed? This could include how the project will impact a specific industry cluster, innovative business, or industry target as identified by Columbus 2020.	X	X	X			
	Current and Future Average Daily Traffic	X	X	X			
	Truck Traffic	X	X	X			
X	The ability of the project to improve travel within a corridor by redistributing travel in the corridor so one or more congested components of the transportation system are relieved. Measured using the regional model by the percentage reduction in 2040 VMT within 1 mile of the project that experiences LOS E or worse.	X	X			X	
X	Travel time uncertainty is a significant issue for business. Using existing travel time data, the existing travel time uncertainty index will be calculated for the area within a mile of the project.	X	X			X	
X	Travel Delay Reduction measured using the regional model as the average 2040 travel time reduction per person for a complete trip using the facility during peak periods (including AM and PM peak hours) as a result of the project.	X	X			X	
	Please provide information with regard to the project's impact on economic development in the area. Refer to the questions in the Major category and, if appropriate, include information with regard to them in your response.				X	X	X



### 7.1.2 Natural Resources Goal Criteria

The scores for the natural resources goal criteria are mostly based on information provided in the Final Application. The emission reductions are estimated using the regional travel demand model.

MORPC Derived	Natural Resources Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
	<b>Addressing Sensitive Land Issues:</b> Based on project location information provided in the initial application, a listing of sensitive lands in the project vicinity will be provided to the applicant. In the Final Application, the applicant is to provide information addressing how the project impacts each of these. Projects that do not impact sensitive lands or will go beyond environmental document requirements will score better.	X	X	X	X	X	
X	<b>Emission Reduction:</b> The vehicle emissions of PM2.5 (fine particulates), VOC (volatile organic compounds), and NOx (oxides of nitrogen) contribute to the region being recently in non-attainment of the ozone and PM 2.5 national air quality standards. The change in the regional emissions as a result of the project will be estimated with the regional model and reported in kilograms per day. Projects with more emission reductions will score better.	X	X			X	
	<b>Water Runoff Quality &amp; Quantity:</b> Describe a current significant water runoff quality or quantity problem in the project area that will be resolved as a result of the project and complying with NEPA requirements. If there is no current significant water runoff quality or quantity problem, describe aspects of the project that will improve water runoff quality or quantity that will go above and beyond NEPA requirements. Projects which address problems or go beyond NEPA requirements will score better.	X	X	X	X	X	X
	<b>Vegetation and Habitat Restoration:</b> Describe a current significant vegetation or habitat problem in the project area that will be resolved as a result of the project and complying with NEPA requirements. If there is no current significant vegetation or habitat problem, describe aspects of the project that will improve vegetation or habitat restoration that will go above and beyond NEPA requirements. Projects that address problems or go beyond NEPA requirements will score better.	X	X	X	X	X	X
	<b>Other Extraordinary Aspects:</b> A statement by the sponsor about any extraordinary aspects of the project's impact on the natural habitat. With regard to projects in the "Other" category, this includes rationale on how project would further this goal especially in regard to any criteria listed above.	X	X	X	X	X	X



### 7.1.3 Energy Goal Criteria

Two criteria for the energy goal are scored based on information provided in the Final Application, and one is scored using results from the regional travel demand model and GIS analysis.

MORPC Derived	Energy Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
	<b>Components that Save Energy:</b> An assessment provided by the sponsor as to the potential project level technology components that save energy.	X	X	X	X	X	X
X	<b>Vehicle Miles of Travel:</b> Projects that would reduce regional Vehicle Miles of Travel will score better.	X	X		X	X	X
	<b>Other Extraordinary Aspects:</b> A statement by the sponsor about any extraordinary aspects of the project's impact on energy. This could include renewable energy production as part of the project.	X	X	X	X	X	X



#### 7.1.4 Collaboration and Funding Goal Criteria

The evaluation for the collaboration and funding goal criteria is exclusively based on information provided in the Final Application. A first consideration in the score for this goal will be inclusion in the MTP. If the activity is not in the MTP, the maximum score for the goal is reduced to five (5).

MORPC Derived	Collaboration and Funding Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
	<b>Inclusion in the Metropolitan Transportation Plan:</b> Identify the Metropolitan Transportation Plan (MTP) strategy or Project ID that this project is advancing.	X	X	X	X	X	X
	<b>Origin of project/Project Readiness:</b> The applicant is to provide the origin of the project including all planning studies recommending the project or activity and which ODOT Project Development Process (PDP) steps have been completed at time of final application submittal. Projects that that are further through the planning and PDP process will score better.	X	X	X	X	X	X
	<b>Documentation of Support and Collaboration:</b> The applicant is to provide letters of support from neighboring government jurisdictions, community associations, business associations, or others. The sponsor is also to provide documentation on interagency and community collaboration that has occurred to date to advance the project. Projects that have more support will score better.	X	X	X	X	X	X
	<b>Applicant Priority Ranking:</b> Applicants that submit more than one project must also submit a priority ranking of their projects. Projects that rank higher on their priority ranking will be given more consideration than those ranked lower.	X	X	X	X	X	X
	<b>Amount of MORPC Funding Requested:</b> Projects that request lower amounts of MORPC funding will score better.	X	X	X	X	X	X
	<b>Percentage of Funding Requested:</b> The percentage will only be based on the total right-of-way and construction cost. If it is not a traditional construction project, the percent of the total program/activity will be used. Applications that request lower percents of MORPC funding will score better. Applications that request the use of Toll Credit to increase the normally-required non federal match will be reduced 2 points from what it normally would receive.	X	X	X	X	X	X
	<b>Amount of Private Sector Funding:</b> The amount will only be based on the total right-of-way and construction cost. If it is not a traditional construction project the percent of the total program/activity will be used. The higher private sector funding the better the score.	X	X	X	X	X	X
	<b>Percentage of Private Sector Funding:</b> The percentage will only be based on the total right-of-way and construction cost. If it is not a traditional construction project the percent of the total program/activity will be used. The higher private sector funding the better the score.	X	X	X	X	X	X
	<b>Number of Funding Partners:</b> The number of unique funding partners will be reported. This will includes those funding any aspects of project development as well as the number contributing to right-of-way and construction. A strong sign of collaboration is the amount of funding partners. The more funding partners, especially if the project is leveraging ODOT discretionary funding into the region, the better the score.	X	X	X	X	X	X
	<b>Agency Funding Capacity:</b> The applicant is to provide a statement as to the amount of funding they are providing for the project relative to the usual size of their transportation infrastructure expenditures. Providing significant portion of local funding capacity towards project will score higher. Demonstration of significant hardship in providing local match can counteract the Toll Credit reduction described above.	X	X	X	X	X	X



### 7.1.5 Health, Safety & Welfare Goal Criteria

Some of the for the health, safety and welfare goal criteria are evaluated based on information provided in the Final Application, and others are evaluated based on MORPC-derived data using GIS analysis.

MORPC Derived	Health, Safety & Welfare Goal Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
X	<b>Crash Reduction:</b> Using the ODOT crash data and tools, crash information for the project area will be calculated, including overall frequency, bike/ped frequency, crash rate, and severity index. Using ODOT crash modification factor methodology for the project improvement(s), the change in expected crashes will be estimated. Projects that address worse safety problems will score higher.	X	X	X	X	X	
X	<b>Pavement Condition Rating (PCR):</b> This is a measure of the average PCR of the existing roadway that would be improved as part of the project based on the most recent ODOT data. The sponsor should review the ODOT data and may provide supplemental data if desired. Projects that are on facilities with lower PCR's will score higher.	X	X	X			
X	<b>Bridge Rating:</b> This is a measure of the worst existing bridge rating based on ODOT data that would be improved as part of the project. The sponsor should review the ODOT data and may provide supplemental data if desired. Projects that are on facilities with lower bridge ratings will score higher.	X	X	X			
	<b>System Life:</b> The applicant is to provide information on the age and condition of the components being replaced. Also provide a statement, if applicable, as to the potential of the project to maximize life of transportation system. This is any extraordinary aspect that is likely to be part of the project.	X	X	X	X	X	
	<b>New Transit Ridership:</b> The sponsor provides an estimate of the increase in transit ridership. This is to include both the ridership on the specific project or activity as well as overall system ridership. Projects that have higher ridership will score better.					X	
X	<b>Environmental Justice:</b> Of the estimated opening day users of the project, what is the minority percentage, what is the poverty percentage, what is the elder percentage, and what is the transportation handicapped percentage? The ratio of each of these relative to the regional average of each will be calculated. For the Bike and Pedestrian category, the population within 2 miles of the project will be estimated instead of the users.	X	X	X	X	X	
	<b>Other:</b> Statement by the sponsor with rationale on how the project would further this goal especially in regard to any criteria listed in the other Activity Categories. When possible, reference should be made to as many of the above criteria as applicable in justifying the benefits of the program/activity/project relative to this goal.	X	X	X	X	X	X



### 7.1.6 Sustainable Neighborhoods and Quality of Life Goal Criteria

Some of the criteria for the sustainable neighborhoods goal are based on information provided in the Final Application. A few criteria are based on MORPC-derived data that uses GIS analysis and the travel demand model.

MORPC Derived	Sustainable Neighborhoods and Quality of Life Evaluation Criteria & Description	Activity Category					
		Major	Minor	Preservation	Bike & Ped	Transit	Other
	<b>Displacements:</b> The applicant will provide an estimate of the number of displacements (business and residential) as a result of the project. The information can be provided in terms of a likely range of displacements.	X	X	X	X	X	
	<b>Pedestrian System:</b> The applicant will provide information on the relationship of the project to the existing pedestrian transportation system and/or how the project will include improvements to enhance or connect to the pedestrian system. Projects that provide pedestrian facilities where none currently exist will score higher.	X	X	X	X	X	
	<b>Bikeway System:</b> The applicant will provide information on the relationship of the project to the existing bikeway transportation system and/or how the project will include improvements to enhance or connect to the bikeway system. Projects that provide bike facilities where none currently exist or provide connections to regional facilities will score higher.	X	X	X	X	X	
X	<b>On Transit Line:</b> The information will be simply "yes" or "no" with regard to if an existing transit route uses the project facilities. Projects along existing transit routes will need to provide appropriate transit related facilities and will score higher.	X	X	X	X		
	<b>Transit System:</b> A statement by the applicant as to how the project enhances transit service. Beyond what transit related facilities may be part of the project if on existing transit line, projects that make additional improvement or that could enhance transit while not on a current transit line will score higher.	X	X	X	X	X	
X	<b>2010 Origin/Destination Density:</b> The average density (population + jobs) of the project user's origins and destinations will be estimated based on 2010 conditions. Both the average for higher density end of the trip and lower density end of the trip will be estimated. For the Bike and Pedestrian category, the density within 2 miles of the project will be estimated instead of the user's origin and destination density. Projects that serve travelers going to and from more dense areas will score higher.	X	X	X	X	X	
X	<b>2040 Origin/Destination Density:</b> The average density (population + jobs) of the project user's origins and destinations will be estimated based on 2010 conditions. Both the average for higher density end of the trip and lower density end of the trip will be estimated. For the Bike and Pedestrian category, the density within 2 miles of the project will be estimated instead of the user's origin and destination density. Projects that serve travelers going to and from more dense areas will score higher.	X	X	X	X	X	
	<b>Other:</b> Statement by the applicant with rationale on how the project would further quality of life and relationship of this project to furthering the community's quality of life goals. For projects in the Other Activity Category, also provide additional information especially in regard to any of criteria above criteria as applicable in justifying the benefits of the program/activity/project relative to this goal.	X	X	X	X	X	X



## 7.2 Application Scoring Process

Applications will be evaluated by staff, subject to review and oversight of the AFC. Applications with higher scores will generally be selected before applications with lower scores. Applications that are not selected may be considered in succeeding years if sponsors reapply.

The following generally describes the evaluation and selection process:

- a. Staff shall apply the scoring criteria to applications for new funding commitments and outstanding commitments forced to re-compete.
- b. Staff shall submit the collected information about each application and the scores for each application to the AFC for review and comment.
- c. Staff shall consider AFC comments on the application scores and then identify the high, moderate, and low scoring applications within each category along with the target funding range available within each category.
- d. The AFC shall select applications to recommend for new funding commitments.
- e. The recommended program of funding commitments (changes to outstanding funding commitments as well as new commitments) shall be provided to TAC, CAC, TPC, MORPC's members, and the public for review and comment.
- f. At the conclusion of public involvement, the applications, schedules and costs will be endorsed through the MORPC committee process and incorporated into the TIP to be adopted the following May.

Data for the criteria in each goal will be compiled. The overall score for each goal on a scale of 1 to 10 will be established subjectively based on an overall consideration of the data and qualitative statements with regard to each criterion. There is no specific weighting of criteria within each goal. The score will also be established relative to the other applications' information for the goal. If the data associated with a particular goal do not provide a meaningful distinction between two applications, they will receive the same score for that goal. For minor differences, the scores between two applications will be close to each other. For applications that are clearly separated based on the goal criteria, the applications scores will be significantly different. Included with the goal score will be a brief rationale for the score.

MORPC staff will compile the data for each goal and develop the preliminary goal score and rationale. The AFC will then review the scores and rationales and make modifications as necessary to reach agreement.



### 7.3 Weighting Scores by Goal and Category

Once the goal scores are completed, they will be multiplied by the corresponding weight in the table below.

Activity Category	Economy	Natural Resources	Energy	Collaboration	Health, Safety & Welfare	Sustainable Neighborhoods
Major Widening/New Roadway	30	10	5	15	30	10
Minor Widening/Intersections/Signals	25	10	5	15	30	15
Bike and Pedestrian	5	15	5	15	30	30
Transit	10	15	15	15	20	25
System Preservation	15	10	10	15	35	15
Other	NA	NA	NA	NA	NA	NA

The overall score for an application will be the sum of all of the weighted scores divided by 10, resulting in an overall score between 0 and 100.

### 7.4 Prioritizing and Recommending Applications for Funding

Once the overall score is established, the applications are ranked within each category. The AFC will review the ranking, make adjustments if necessary, and agree upon a program of funding commitments to recommend that can meet the targets funding for each category.

MORPC staff would then use this recommendation, the application schedules, and when funding is available to develop a draft program of funding commitments. MORPC may make commitments to fully use the funding expected to be available for a six-year period (four years of next TIP plus two years). The construction phase of a project must be scheduled to begin, i.e. receive federal authorization, within this six-year period. MORPC may commit funding beyond the sixth year, but not to exceed 25percent of the total amount committed in the first six years. Also, there cannot be more than 40 percent of the yearly average committed in a single year beyond the sixth year.

This program would then be provided for a 30-day agency and public comment period. MORPC staff and the AFC would review any comments received and make adjustments, if necessary, before final action by the CAC, TAC and TPC.

The AFC will not reject portions of an application for funding. If a significant portion of an application appears to be inconsistent with MORPC's goals and policies, the project will be down-rated and therefore be less likely to be funded.

To limit the corrective action necessary to account for a project that is unable to achieve its obligation schedule, the amount that a phase of a project may receive in any particular year is limited to approximately \$7 million. However, to minimize the administrative burden caused by each occurrence, the funding for a project phase will not be split if the phase is less than \$10 million. If the project phase is over \$10 million, the funding will be split with no more than approximately \$7 million per year. The full 80 percent share of project right-of-way and construction would be made



available to the sponsor, but projects costing more than the annual limit would have to utilize the following options:

- Split the project into smaller phases or modify the scope such that the right-of-way and construction phases are consistent within the annual limit.
- Finance the amount over the annual limit through a State Infrastructure Bank (SIB) loan or other loan mechanism, which can be repaid with commitments of MORPC-attributable funds in later fiscal years. Payback might be accelerated if funds became available.
- The sponsoring agency, with prior approval by ODOT and MORPC, may self-finance the amounts over the annual limit. The sponsor would be paid back with future allocations of MORPC-attributable federal funds. Payback might be accelerated if funds became available.

## 7.5 Scoring Phased Construction Projects

Large construction projects are often developed and constructed in phases, i.e. under separate contracts. The NEPA process requires interrelated projects to be considered in one document, even when construction will occur in phases. Because it is difficult to evaluate the benefits and impacts of individual phases of a larger project, the criteria will be applied to the scope defined by the environmental document. If the document has not yet been developed to the point of defining the scope, then the scope anticipated for the environmental document will be evaluated rather than on the construction sections.

## 7.6 Agency Prioritization of Multiple Applications

An agency which submits multiple funding applications may request, during the scoring and evaluation period, that the score for any project submitted by that agency be reduced and the project demoted in the list of highest scoring projects within a category in order to score lower than a higher priority project by the same agency. The request shall be made in writing.

## 7.7 Incentives to Create a Reservoir of Commitments

Even in a well-managed program, there will be occasions when not all of the projects will be able to be obligated as scheduled. Consequently, it is desirable to create a “reservoir” of projects that are ready ahead of funding availability that could be obligated when necessary to effectively manage the program. MORPC will create a “reservoir” by scheduling projects to use State Infrastructure Bank (SIB) loans or another financing mechanism. MORPC will first develop the MORPC-attributable program based on expected funding per year, the applicants’ schedules and the evaluation criteria results. Then, project phases over \$7 million for which there are insufficient funds available when needed, according to a realistic project development schedule, will be considered for a loan schedule. For these situations, MORPC will pay loan fees and interest, to the maximum extent possible, on the MORPC-attributable funding amount being borrowed. MORPC will schedule no more than four project loans in the four-year TIP and no more than one per SFY. At the time it is necessary to set up the financing, the actual amount needed may be reduced or eliminated if there is more MORPC-attributable funding available than originally expected.

# 8 Project Development Requirements

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Federal law requires that federally funded projects conform to NEPA and the National Historic Preservation Act. To comply with these laws, projects must have an environmental review to assess



and/or mitigate effects on social, economic, and environmental factors. Similarly, work involving sensitive historic structures or archaeological sites must conform to the U.S. Secretary of the Interior's standards and guidelines for archaeology and historic preservation.

If federal funds are used in the preliminary engineering phase, the consultant must be selected through ODOT's federal procurement process. Consultants working on projects with a commitment of MORPC-attributable funds for any phase must be pre-qualified by ODOT.

Any right-of-way or property acquisition must conform to the Uniform Relocation Assistance and Real Property Acquisition Act, as amended.

Engineering and architectural designs for all facilities must conform to current regulations resulting from the Americans with Disabilities Act (ADA).

To ensure these and other requirements are met, all activities using federal transportation funds must follow either ODOT's PDP or Local Public Agency (LPA) process. ODOT maintains a website with PDP information: <http://www.dot.state.oh.us/projects/pdp/Pages/default.aspx>. Projects normally advance through the "traditional" process where ODOT oversees and reviews environmental studies, right-of-way and construction plan preparation, bidding, and construction. With ODOT and MORPC concurrence, sponsors may elect to advance their projects through ODOT's LPA process (also called the "local-let" process) that allows the LPA more control of the project. The LPA process does not exempt the project from any NEPA, public involvement, or other requirements. Only applicants who have proficiently advanced their projects through ODOT's PDP in the past will be eligible for LPA consideration.

ODOT allows LPAs to administer construction projects on the LPA's system using federal funds if the LPA has completed all of the required LPA eLearning Qualification Modules, the LPA can prove it has properly licensed and experienced employees, all of the required written processes and policies are in place, and the LPA has enough internal support to complete the project properly.

For more information on Ohio's LPA Qualification Process, please review chapter one of the Locally Administered Transportation Projects (LATP) Manual available at <http://www.dot.state.oh.us/Divisions/Planning/LocalPrograms/Pages/LocalLetProcesses.aspx> or contact the District LPA Manager (list available at [https://www.dot.state.oh.us/Divisions/Planning/LocalPrograms/Documents/LPA\\_District\\_Managers.pdf](https://www.dot.state.oh.us/Divisions/Planning/LocalPrograms/Documents/LPA_District_Managers.pdf)).

MORPC will include new and outstanding funding commitments in SFYs 2018-2021 in the updated Transportation Improvement Program (TIP). For a project or activity to be eligible to receive federal funds, it must be included in the TIP.

## **9 Maintaining Funding Commitments**

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It is the sponsor's responsibility, with ODOT and MORPC support, to develop the project on schedule in order to allow the funds to be authorized.

### **9.1 Partnering Agreements**

To document the local commitment to each project, a partnering agreement will be developed in consultation with ODOT and executed among the sponsor and MORPC. The agreement will include



the scope of the activity, its schedule prepared with mutually agreeable dates, a commitment on the parts of the sponsor to become suitably knowledgeable about the ODOT process, attending regular progress meetings with ODOT and MORPC and providing status update information necessary for monthly updates to the TAC, and commitment of all the partners to carry out their responsibilities to the project at a level of quality and in a time frame consistent with the best practices customary in Central Ohio. In certain circumstances, the partnering agreements may be revised as described in Section 9.5. A sample Partnering Agreement is provided in the Appendix.

## 9.2 Project Monitoring

To assist in more timely delivery of MORPC-funded projects and to make the status of these projects more widely known, MORPC will closely monitor the status of projects. Steps MORPC will take to monitor will include:

- Maintain a list with contact info of project managers for the sponsor, ODOT and consultant.
- Maintain a list of milestone dates for the project, including at a minimum the milestones included in the application.
- Contact the sponsor, ODOT and consultant project managers at least monthly for status updates, which will be compiled into a report.
- Attend quarterly meetings and other project meetings. Sponsor attendance at quarterly project status meetings scheduled by ODOT will be mandatory unless the sponsor, ODOT, and MORPC agree to cancel the meeting.
- Report on the status of all projects at each TAC meeting. Managers of projects falling behind schedule may be requested to report on the project to TAC.
- Report a summary of the information to the sponsor CEO and chair of council (if such exists) at the beginning of each fiscal year at a minimum. These would be more often if a project begins to fall behind.
- Investigate additional means of monitoring and providing updates.

## 9.3 Commitment Update Form

After receiving a commitment, sponsors must submit a Commitment Update Form every two years, during the application period, to maintain their funding commitment until the funds have received federal authorization. Exceptions will be made for funds expected to receive authorization for the final phase before SFY 2018. Sponsors of construction projects with a final plan package submittal date after January 1, 2017, are expected to submit an Update Form. Staff may grant exceptions at their discretion.

The purposes of the Update Form are to request adjustments to the committed amount and schedule; provide justification for requesting significant changes (as defined on the Update Form) to the scope, schedule, or budget; and reaffirm the sponsor's commitment to deliver the project. Sponsors need to provide a resolution or legislation supporting the project that was approved within a year of the Update Form due date. Staff will present the requests to the AFC, which will recommend adjustments to make to the outstanding funding commitments. Staff will use the recommendations as the basis of determining the availability of funds for new commitments.

## 9.4 Cost Overruns

The estimated cost of projects sometimes increases dramatically from the time the application was submitted. At times, MORPC's program has absorbed these costs by delaying funding commitments that follow. In order to provide more accurate funding schedules to all sponsors, MORPC will limit the amounts that projects may overrun their estimates.



MORPC's total participation in a project for Right-of-Way and Construction shall be fixed at no more than the commitments shown in the TIP at the time the project phase is obligated plus 10 percent or \$300,000 whichever is greater as long as the total commitment does not increase more than 50 percent. Costs in excess of these amounts shall be the responsibility of the sponsor. Prior to obligation, sponsors have the right to withdraw projects and ask that they be reprioritized in a later year to obtain a higher MORPC commitment with the stipulation that if the withdrawal results in a loss of federal funds or obligation authority to the region, for this funding commitment and others for the sponsoring agency may be delayed by MORPC indefinitely.

Commitments for non-construction activities, such as studies, preliminary engineering, MORPC programs, other programs, and purchases are fixed at the dollar amount shown on the TIP from which the project phase is obligated, i.e. there is no additional 10 percent MORPC participation. This also applies to construction projects that receive a commitment of a fixed dollar amount.

## 9.5 Delays and Penalties

Because, at times, sponsors have been unable to deliver their projects on the original schedule or within original budget, it is necessary to include penalties for delays and cost increases. The application of penalties will only take place after several notifications of the delayed or increased cost status of the project through the reports and letters generated through the monitoring system. Sponsors may appeal penalties by petitioning MORPC's Attributable Funds Committee (AFC) for relief. The AFC will develop procedures for hearing such petitions.

- The schedule of dates provided in the application for which the funding was originally awarded will be the reference dates in determining penalties.
- The TPC resolution that first committed MORPC funding to the project will be the funding referenced in determining penalties.
- The partnering agreement between MORPC and the local agency shall further document the established dates and funding commitment. The partnering agreement may include modest adjustments to the reference dates, provided the partnering agreement is executed prior to first incorporating the project into the Transportation Improvement Program.
- If the sponsor has not authorized a consultant nor completed any additional project development tasks per the schedule by the time the first updated application is due, the project must re-compete.
- If a project's federal right-of-way authorization or final plan package submittal to ODOT is delayed more than one year, then the sponsor will be penalized on all new projects submitted for funding by reducing each new project's total score by 5 points. The penalty will be applied until the right-of-way is authorized or the final plan package is submitted to ODOT. If a sponsor has multiple existing projects with delays, the penalty will be applied for each delay up to a maximum of 15 penalty points.
- If a project's federal right-of-way authorization is delayed more than two years, then the sponsor is ineligible to apply for funding of additional projects until right-of-way is authorized.
- If a project's final plan package submittal to ODOT is delayed more than two years, then the sponsor is ineligible to apply for funding of additional projects until it has submitted the final plan package to ODOT.



- Projects which miss obligation dates that result in loss of funding to the region will have their federal share reduced by 10 percent (typically from 80 percent to 70 percent, but 100 percent projects would also drop to 70 percent), as well as have funding for this project and other projects sponsored by the agency delayed by MORPC indefinitely.
- During the formal commitment update cycle, with approval of the AFC and adopted through TPC resolution, the partnering agreement may be updated to reflect new funding commitments.
- In extenuating circumstances, if agreed to by the AFC, the partnering agreement may be updated during the formal commitment update cycle to reflect new reference dates.

## **10 Other Policies for Program Management**

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### **10.1 Out-of-Cycle Requests**

When circumstances require MORPC to decide outside of its normal funding cycle about committing MORPC-attributable funds to a project to which it has not previously made any commitments, the sponsor shall:

1. Fill out the final application from the previous funding round including all information used to score it.
2. Provide a letter to the Executive Director and Transportation Director requesting the funding which answers the following questions:
  - Why is this request being made outside the normal funding cycle?
  - What is the urgency of the request that it cannot wait until the next normal funding cycle?
  - When did the applicant know the funds being request would be needed?

Once the applicant has provided the completed application and letter of request, staff will:

1. Assign the application to the appropriate Activity Category and determine whether committing the requested funds would cause the total funding for that category to be outside its targeted range.
2. Score the application relative to the applications in the Activity Category from the last round
3. Assess if the requested funding would impact other funding commitments.

Once staff has completed the above assessment, the request will be processed as described below:

- If the requested amount is under \$2,000,000, staff will prepare a recommendation to the CAC, TAC and TPC on whether to provide the requested funding. Staff has the discretion to recommend a more rigorous process if it determines that circumstances warrant it.



- If the requested amount is \$2,000,000 or over, staff will provide a summary of the request to the TPC chair who will consult with the other officers, the CAC chair and the TAC chair. This evaluation group would then determine the additional steps to be taken to assess this request before submitting the request to CAC, TAC, and TPC. The options include:
  - No additional assessment. Go directly to CAC, TAC and TPC with staff recommendation
  - Direct the request to the AFC for further discussion and recommendation. The AFC recommendation would then be submitted to CAC, TAC and TPC
  - In consultation with the evaluation group and consistent with the Bylaws governing the TPC, the chair of the TPC appoints a special sub-committee or work group to further discuss the request and make a recommendation. The recommendation would then be submitted to CAC, TAC and TPC
- MORPC may adjust the type of federal funding (i.e., STP, CMAQ, and TAP) awarded in order to balance its program. This does not mean that funding will not be committed, but that MORPC may alter funding arrangements to make the funds available.

## 10.2 Trading Funds with Other MPOs

Staff is authorized to negotiate with other MPOs, ODOT, and the County Engineers Association of Ohio to exchange obligation authority so it may be used to the advantage of Central Ohio. At the time it is necessary to submit a SIB loan application per Section 7.4, the principal amount applied for may be reduced or eliminated if there is the ability to exchange obligation authority. The Transportation Systems and Funding Director is authorized to approve these exchanges.

## 10.3 Ohio Statewide Urban CMAQ Program

As of the fall of 2013, MORPC no longer receives a direct allocation from ODOT of Congestion Mitigation and Air Quality (CMAQ) funds specifically for the MORPC MPO area. The funds historically provided are now pooled with the funds formerly provided to each of the eight large MPOs in the state. The eight large MPOs have cooperatively developed (with ODOT's concurrence) the Ohio Statewide Urban CMAQ Committee (OSUCC) to solicit, evaluate, and select applications to use the pooled CMAQ funding. As outlined below, MORPC will work within the guidelines of the OSUCC to secure CMAQ funding for MORPC MPO area commitments. If ODOT's current funding policy changes in regards to amount of funds sub-allocated or the elimination the program, MORPC will reevaluate the CMAQ funding commitments.

- MORPC will strive to ensure that the MORPC MPO area obtains a fair share of CMAQ funding.
- The OSUCC does not require ridesharing and air quality programs to go through the project selection process. MORPC may continue them per Section 5.3 up to the funding threshold established in the OSUCC program.
- The application and selection process as described in Section 7 will be used to identify applications to be submitted to the statewide process for CMAQ funding. The target percentages of funding by Activity Category in Section 5.3 will assume MORPC will receive its fair share of CMAQ funding.



- All applications will be evaluated according to the category criteria as specified in Section 7. CMAQ-eligible applications will also be scored according to the OSUCC scoring criteria.
- The results of the MORPC evaluation and the statewide scoring will be considered in identifying applications to submit to the statewide process. The AFC will rank the top four applications in accordance to the statewide program.
- For applications being submitted to the statewide process, MORPC may work with the applicants to adjust the project's scope, schedule or funding to allow it to be more competitive in the statewide process and maximize the CMAQ funding able to be brought into the region. This may include relaxing some requirements identified in this document.
- If necessary, some funding commitments resulting from MORPC's normal selection process may be identified as contingent upon receiving funding through the statewide CMAQ process.

in accordance with the Principles, entities that receive funding are to enter into a partnership agreement that specifies the scope and schedule of the project receiving the funding commitment as well as the project sponsor and MORPC's commitment to the knowledgeable and deliver the project through ODOT's Project Development Process (PDP). This requires that the project sponsor and their consultant, if applicable, attend quarterly meetings and provide other information to MORPC so that progress through the PDP process can be monitored. This letter, once signed by both parties, constitutes the partnership agreement.

Via MORPC resolution 1-15-15, funding for (Project Name) (P15-15-15) has been awarded for the following phases in the state fiscal year and amount shown.

Phase	Amount
Phase 1	\$100,000
Phase 2	\$200,000
Phase 3	\$300,000
Phase 4	\$400,000
Phase 5	\$500,000
Phase 6	\$600,000
Phase 7	\$700,000
Phase 8	\$800,000
Phase 9	\$900,000
Phase 10	\$1,000,000

To ensure the implementation of this schedule and the availability of funding for this and other projects, project milestones will be monitored. The dates listed below for Final Plan and Bid Package Submission to ODOT will be used to establish the dates that will trigger penalties for the Principles if they are not met.

Project Name	Final Plan and Bid Package Submission to ODOT
Project A	12/31/2015
Project B	12/31/2015
Project C	12/31/2015
Project D	12/31/2015
Project E	12/31/2015
Project F	12/31/2015
Project G	12/31/2015
Project H	12/31/2015
Project I	12/31/2015
Project J	12/31/2015

As outlined in the Principles, if either of these milestones is delayed by more than one year, new projects submitted for MORPC-attributable funding will have their score reduced by 5 points. If either



## Appendix: Sample Partnering Agreement

Dear [CEO and Project Manager]:

Your project, [Project Name], has been selected for MORPC-attributable funding. MORPC receives an allocation of federal transportation funding in accordance with federal transportation law and by Ohio Department of Transportation (ODOT) Policy. MORPC has established *Principles for Managing MORPC-Attributable Federal Funds* (Principles) to guide the solicitation, selection and administration of these funds. The Principles were last adopted in April 2014.

Beginning in the spring of 2014, MORPC requested updated cost and schedule information from previous funding commitments and solicited, evaluated and selected projects for new funding commitments. This process concluded with the adoption of the program of projects to receive MORPC-attributable funding via resolution T-##-15 on March 12, 2015.

In accordance with the Principles, entities that receive funding are to enter into a partnering agreement that specifies the scope and schedule of the project receiving the funding commitment as well as the project sponsor and MORPC's commitment to be knowledgeable and deliver the project through ODOT's Project Development Process (PDP). This requires that the project sponsor and their consultant, if applicable, attend quarterly meetings and provide other information to MORPC so that progress through the PDP process can be monitored. This letter, once signed by both parties, constitutes the partnering agreement.

Via MORPC resolution T-##-15, funding for [Project Name] (PID #####) has been awarded for the following phases in the state fiscal year and amount shown.

Phase	State Fiscal Year	Amount
PE	2015	\$100,000
ROW	2016	\$500,000
CON	2021	\$1,000,000

To ensure the implementation of this schedule and the availability of funding for this and other projects, project milestones will be monitored. The dates listed below for Right-of-Way Authorization and the Final Plans and Bid Package Submittal to ODOT will be used to establish the dates that will trigger penalties per the Principles if they are not met.

Milestone	Scheduled Date	Trigger Date for Score Reduction	Trigger Date for Ineligibility
Right-of-Way Authorization	12/12/2017	12/12/2018	12/12/2019
Final Plans and Bid Package Submittal to ODOT	12/12/2018	12/12/2019	12/12/2020

As outlined in the Principles, if either of these milestones is delayed by more than one year, new projects submitted for MORPC-attributable funding will have their score reduced by 5 points; if either



of these milestones is delayed by more than two years, the sponsoring jurisdiction will be ineligible to submit new projects for MORPC-attributable funding. Penalties will be applied until the milestone creating the penalty is complete.

Additionally, projects that miss obligation dates that result in the loss of funding to the region will have their federal share reduced by 10 percent (typically from 80 percent to 70 percent).

If all funding is not expected to be obligated by June 30, 2017, the project sponsor will submit an updated application in spring of 2016.

The project manager, [Project Manager], should remain in contact with MORPC staff and communicate any changes to the scope, cost and schedule promptly.

See the Principles and the *Application Procedure for MORPC-Attributable Funding Programs* for additional information and don't hesitate to contact MORPC staff with any questions.

Sincerely,

Thea Walsh

MORPC agrees to fund the [Project] project in the amounts shown above according to the included schedule contingent upon MORPC's continued federal funding. The [Jurisdiction] agrees to the amounts shown above and the included schedule and is aware of the potential penalties of failing to maintain that schedule. Changes to the scope, cost and schedule as outlined in this agreement must be approved in accordance with the Principles.

\_\_\_\_\_  
Director, Transportation Systems & Funding  
Mid-Ohio Regional Planning Commission

\_\_\_\_\_  
Date

\_\_\_\_\_  
Project Manager/CEO  
[Jurisdiction]

\_\_\_\_\_  
Date



# Appendix C

## MORPC Complete Streets Policy

Approved by Resolution T-6-10  
Adopted on April 8, 2010



## MORPC Complete Streets Policy

### 1. Background

MORPC has long been a proponent of creating a multimodal, safe and efficient transportation system that ensures accessibility to all roadway users. In order to increase the number of projects that provide bicycle and pedestrian facilities in central Ohio, MORPC adopted a Routine Accommodation policy in 2004. This policy recognized the importance of and encouraged the construction of non-motorist facilities by putting a mechanism in place that required all project sponsors receiving MORPC-attributable federal funding to provide bicycle and pedestrian facilities in their design and construction phases as appropriate.

Since 2004, MORPC has engaged in intensive research to better understand how it can help make the region as attractive, livable, and prosperous as possible. The foundation of this research was a multifaceted growth strategy called *Regional Connections*. The objectives of *Regional Connections* were to create an understanding of central Ohio's anticipated growth over the next 20 to 30 years, and to formulate a strategy to address this growth in a way that would enhance the region aesthetically and economically. In 2007, MORPC adopted the recommendations of *Regional Connections* as "a significant guiding framework for Commission policy decisions."

This Complete Streets policy builds upon these efforts and promotes a multimodal transportation system that is integrated with sustainable land use developments. Its main objective is to design and build roads that safely and comfortably accommodate all users of roadways, including motorists, cyclists, pedestrians, transit and school bus riders, delivery and service personnel, freight haulers, and emergency responders. It includes people of all ages and abilities.

Building complete streets provides many benefits to residents, business owners, developers, and the community as a whole. First and foremost, embracing the complete streets concept will create balanced transportation systems by providing accessible, safe, and efficient connections between destinations. It will bolster economic growth and stability while increasing property values. It will ensure job growth, reduce crashes through safety improvements, improve public health and fitness, reduce harmful emissions, and reduce the overall demand on our roadways by allowing people to replace motor vehicle trips with active transportation options. Secondly, integrating sidewalks, bike facilities, transit amenities, or safe crossings into the initial design of a project spares the expense and complications of retrofits later.

### 2. Definition

Complete Streets are roadways designed to safely and comfortably accommodate all users, including, but not limited to motorists, cyclists, pedestrians, transit and school bus riders, delivery and service personnel, freight haulers, and emergency responders. "All users" includes people of all ages and abilities.

### 3. Vision/Purpose

To create an equitable, balanced, and effective transportation system where every roadway user can travel safely and comfortably and where sustainable transportation options are available to everyone.

The **goals** of this Complete Streets Policy are:

- 1) To create a comprehensive, integrated, and connected transportation network that supports compact, sustainable development and provides livable communities.



- 2) To ensure safety, ease of use, and ease of transfer between modes for all users of the transportation system.
- 3) To provide flexibility for different types of streets, areas, and users.

#### 4. Policy

##### Policy Statement

1. MORPC will promote the Complete Streets concept throughout the region and, therefore, recommends that all local jurisdictions and the state adopt comprehensive Complete Streets policies, consistent with the Regional Policy. MORPC will seek incorporation of the Complete Streets concept and policy into the development of all transportation infrastructures within the region at all phases of their development, including planning and land use control, scoping, design approvals, implementation, and performance monitoring.
2. MORPC requires that all projects receiving MORPC-attributable federal funding adhere to this policy. MORPC members receiving MORPC-attributable federal funding shall fill out the checklist accompanying this policy. More information on the review and appeals process is available in the Applicability section. Projects utilizing any other funding sources are also encouraged to adhere to this policy.

##### Applicability

This Complete Streets Policy applies to all projects, including the new construction, reconstruction, rehabilitation, repair, maintenance, or planning of roadways, trails and other transportation facilities that will use federal funds allocated through MORPC.

Review process – The following three steps will be part of the general review process of MORPC-funded projects. A MORPC checklist accompanying the policy was developed to guide project sponsors through the project definition, scoping, funding application, and project design stages.

Step 1: As described in MORPC's funding application process, MORPC staff will perform an initial screening of new requests and discuss with the applicants the competitiveness of their requests in comparison to other projects and available funding. MORPC staff will also be available to discuss the different ways of adhering to the Complete Streets policy and provide technical assistance.

Step 2: Projects sponsors applying for MORPC-attributable federal funding will be asked to provide a statement that their project will comply with the Complete Streets policy by accommodating all users as reasonably as possible. Questions as shown in the Complete Streets checklist *Section A* are only informational. Applicants will respond to these questions as part of completing the funding application itself.

Step 3: After MORPC has committed funding to a project, MORPC staff will review the project throughout the design phase to ensure that the requirements are met and to provide assistance where needed. The completion of the answers in *Section B* of the Complete Streets checklist will assist with this process. Because of the flexibility of the policy and the variety of approaches that a sponsor may take to complete a street, MORPC staff, as stewards of the Complete Streets policy, will work with the project sponsor throughout the project development to find an acceptable solution for both parties. MORPC staff will maintain publically available information describing the nature and extent of the compliance with the Complete Streets policy. The appeals process described below would be used in those instances where sponsors and staff cannot reach an agreement.



Appeal process – Project sponsors may request an exemption or re-review of their projects by the Appeals committee if they cannot reach an agreement with MORPC staff.

The Appeals committee is made up of a total of six (6) people who are appointed by the Policy Committee Chair for two years terms. Members may be reappointed for successive terms. The voting membership consists of three (3) representatives of local communities and two (2) public members who are all knowledgeable about transportation design. This committee is supported by one (1) non-voting MORPC staff. The Appeals committee will meet on an “as needed” basis. MORPC staff will review the requests initially and provide a report with recommendations to the committee in advance of each meeting. The applicant will have the opportunity to review the report and add comments to it prior to its submittal to the committee. During each meeting the committee shall discuss and evaluate the request(s) and vote on a recommendation. The committee may invite the applicant to attend the meeting(s).

A quorum will consist of at least three (3) voting members, and a majority of the voting members of the full appeals committee is needed to act. Members with conflicts of interest on a particular project before the committee must recuse themselves from deliberation on that project. In the event that the sponsor disagrees with the action of the Appeals committee, the sponsor may appeal to the MORPC Policy Committee officers who may or may not elect to hear the appeal request.

Instead of an exemption, the Appeals committee may also suggest a lesser level of accommodation. All exemptions will be kept on record and made publicly available. Over the next year, MORPC staff will prepare an exemption document that will help streamline the appeals process. Exceptions would account for issues of prohibitive costs, highways or other roads where pedestrians are not allowed, and other justifiable reasons that arise during development of projects with allocated MORPC funds.

## Requirements

- Each project shall use the most appropriate design standards and procedures. For projects using MORPC attributable federal funding, it will be necessary to meet or exceed standards and procedures acceptable to the Ohio and U.S. Departments of Transportation, such as the Ohio Department of Transportation’s Project Development Process and Location & Design Manual.
- Project sponsors shall fill out Section B of the checklist accompanying this policy and provide completed form to MORPC.
- Designs shall include accommodation of all users and be sensitive to the context of the project setting. It is important to note that Complete Streets may look different for every project and road type. For example, wide lanes or paved shoulders may be sufficient in a rural area, whereas sidewalks and/or bike lanes are needed in an urban setting. Also, when re-striping projects are considered, where the right-of-way will not change, options such as bike lanes, sharrows, and pedestrian crosswalks could still be implemented. More information and examples will be provided as part of the checklist and toolkit.
- A systems approach shall be used in developing roadway projects, especially to ensure coordination with nearby jurisdictions, projects, and plans irrespective of the project sponsor.
- If there is another project planned or in development near this project the two should be coordinated to ensure consistency in the facilities serving the corridor.
- Logical termini should be chosen to include connections through “pinch points,” such as overpasses, railroad crossings, and bridges. Logical termini should not be chosen so that the project ends before such a “pinch point” unless there is a compelling reason to do so.



- If the project serves a destination point, such as a school, recreational facility, shopping center, hospital, or office complex, the project shall provide the opportunity for the destination to have access to the project's pedestrian and bicycle facilities.
- Every project shall involve the local transit agency in the design process to ensure that sufficient accommodation of transit vehicles and access to transit facilities is provided. The project sponsor shall provide the local transit agency during Step 1 of the Project Development Process the opportunity to participate throughout the entire process.
- Public transit facilities shall be designed with the goals of Complete Streets in mind, by including sidewalks, bicycle connections, or secure bicycle parking, among others.
- Every project shall provide the opportunity for utility/telecommunications infrastructure to be appropriately accommodated to allow for existing and future growth. Efficient use of right-of-way during construction and maintenance should be considered to improve access to utility systems, including future broadband networks. This policy is not intended to create new rights for utilities outside those provided by existing law and contract.
- Every project shall ensure that the provision of accommodations for one mode does not prevent safe use by another mode (e.g., a bus shelter should not block the clear walking zone on the sidewalk).

## 5. Recommendations

- All users should be considered during the entire life cycle of a project, including planning, design, construction, operations, and maintenance.
- Street furniture, such as bike racks or benches, should be considered as part of all projects as long as they do not impede any user.
- When designing a facility that includes or crosses an existing or future transit route, ensure that the appropriate pedestrian and wheelchair access is provided to and from the transit stops.
- Traffic-calming elements including, but not limited to, landscaping, street trees, and narrowing of lanes, should be considered where safe and appropriate.
- Project sponsors should consider including street trees and landscape components, with careful analysis of tree, site, and design considerations.
- Special consideration should be given to future planned facilities or services.
- Each project design should be coordinated with appropriate access management strategies. Access management strategies should consider the placement of sidewalks and ramps to eliminate sight distance issues.
- Although this policy focuses on engineering projects, the project sponsor should provide education, encouragement, and enforcement strategies during or after the project. The education component should include government officials, developers, and the public. A toolkit designed by MORPC staff will provide best practices, ideas, and resources to help with these efforts (see Implementation section).
- While this policy focuses on transportation, local governments should review their land use and zoning policies to provide for mixed land use developments and projects that provide direct non-vehicular connections within a given development.
- Each local community should regularly update its project design standards and procedures and train its staff to adhere to them.



- Local governments are encouraged to adopt their own Complete Streets policies, consistent with this regional policy and federal and state design standards. State governments should work with the local Metropolitan Planning Organizations to ensure consistency in policies at the state, regional and local level.

## 6. Implementation

Upon approval and adoption of this Complete Streets policy, it will become part of MORPC's planning process and project selection for MORPC-attributable funding. The principles of this policy will also guide MORPC staff in the preparation of the Regional Transportation Plan and other plans it prepares or to which it contributes.

A toolkit will be developed and provided to each community in modules as they become available. The objective of this toolkit is to assist project sponsors in developing Complete Streets projects. This toolkit will contain model policies, sample design standards, examples for land use and zoning practices, educational and enforcement strategies, and information on other resources.

## 7. Evaluation

MORPC shall, at a minimum, evaluate this policy and the documents associated with it on an annual basis. This evaluation may include recommendations for amendments to the Complete Streets Policy, including the development of exemption guidance, and subsequently be considered for adoption by the Policy Committee of MORPC utilizing its then current public and member involvement procedures.



# Appendix D

## Policy for Revising the Transportation Improvement Program (TIP)

- The Policy for Revising the TIP is intended to conform to the minimum requirements of the Federal-Aid Highway Act (FAST Act) (P.L. 114-94, December 18, 2016).
- 23 CFR 450.104, May 27, 2017.
- Procedure for Ohio Statewide Transportation Program (STIP) Amendments and Administrative Modifications (signed by ODOT and FHWA on September 24, 2017).
- Standard Procedures for Developing Statewide Transportation Improvement Programs and Ohio Metropolitan Planning Organization Transportation Improvement Programs.

### I. Definitions

#### A. Administrative Modifications

Per 23 CFR 450.104 and in compliance with 49 CFR 612, Administrative modification means a minor revision to a long-range statewide or metropolitan transportation plan, Transportation Improvement Program (TIP) or Statewide Transportation Improvement Program (STIP) that includes minor changes to project phases, cost, minor changes to funding sources or program included projects and minor changes to project phase initiation dates. An administrative modification is a revision that does not require public review and comment, re-demonstration of fiscal constraint, or a continuing determination of nonentitlement and maintenance status.

#### B. Amendment

Per 23 CFR 450.104 and in compliance with 49 CFR 612, Amendment means a revision to a long-range statewide or metropolitan transportation plan, TIP or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP or STIP, including the addition or deletion of a project or a major change in project cost, project phase initiation dates, or major change in design concept or design scope (e.g., changing project length or the number of through traffic lanes). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, or a continuing determination of nonentitlement and maintenance status. The State is in accordance with its public investment process.



# Policy for Revising the Transportation Improvement Program (TIP)

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Before the U.S. Department of Transportation (USDOT) can authorize the use of federal funds in MORPC's transportation planning area, MORPC must approve of their use by including a description of the purpose and amount of those funds in its TIP. Generally, this means that the TIP must list the specific project or program with the funding source and amounts that are consistent with the request for authorization. If the TIP will not be consistent with an anticipated request before the next scheduled biennial TIP update, MORPC must revise the TIP by a formal amendment or an administrative modification as described in this policy.

MORPC's TIP is a component of the Statewide TIP (STIP). After MORPC approves a revision to the TIP, ODOT must submit it and other STIP revisions to the USDOT for final approval.

The Policy for Revising the TIP is intended to conform to the minimum requirements of:

- The Fixing America's Surface Transportation Act (FAST Act) (P. L. 114-94, December 4, 2015)
- 23 CFR 450, May 27, 2016
- *Procedures for Ohio Statewide Transportation Program (STIP) Amendments and Administrative Modifications* (signed by ODOT and FHWA on September 24, 2013)
- *Standard Procedures for Developing Statewide Transportation Improvement Program and Ohio Metropolitan Planning Organization Transportation Improvement Programs.*

## I. Definitions

### A. Administrative Modifications

Per 23 CFR 450.104 and in compliance with 49 CFR 613: *Administrative modification means a minor revision to a long-range statewide or metropolitan transportation plan, Transportation Improvement Program (TIP), or Statewide Transportation Improvement Program (STIP) that includes minor changes to project/phase costs, minor changes to funding sources of previously included projects, and minor changes to project/project phase initiation dates. An administrative modification is a revision that does not require public review and comment, re-demonstration of fiscal constraint, or a conformity determination (in nonattainment and maintenance areas).*

### B. Amendment

Per 23 CFR 450.104 and in compliance with 49 CFR 613: *Amendment means a revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes). Changes to projects that are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, or a conformity determination (for metropolitan transportation plans and TIPs involving "non-exempt" projects in nonattainment and maintenance areas). In the context of a long-range statewide transportation plan, an amendment is a revision approved by the State in accordance with its public involvement process.*



## II. STIP/TIP Revisions

Projects listed in any of the four years of the approved STIP are eligible for authorization in any other of the four years of the STIP. STIP/TIP revisions are needed only for federal- and state-funded projects that require federal approval or authorization action prior to the next scheduled biennial STIP/TIP update. There are two categories of STIP revisions: formal amendments and administrative modifications.

The ODOT Central Office and CEAO Program Managers are responsible for coordinating STIP revisions with the appropriate District and through the District to MORPC. Changes requested for project commitment dates as described in Section I. above do not necessarily constitute a request for a STIP amendment, but both may be addressed at the same time.

### A. STIP/TIP revisions must meet three major criteria:

1. Fiscal constraint must be maintained.
2. Transportation conformity requirements must be met for air quality nonattainment and maintenance areas.
3. STIP/TIP revisions shall be coordinated through MORPC's current adopted public involvement process.

### B. Revisions Requiring an Amendment

1. Project phase funding increase over the modification limits in II. C. below.
2. Major changes in the scope of the project, such as extending project termini, adding work to a bridge, changes to the resulting capacity of the system, changes to the resulting access to the system, changes to the type of item to be purchased, or working on another route.
3. Programming funds for a new project/study that is not on current STIP.
4. Project phase moved from outside of the STIP years into one of the four years of the current approved STIP.

### C. Revisions Acceptable through an Administrative Modification

1. Revise a project description without causing significant change to the project scope or conflict with the environmental document.
2. Revise a project's fiscal year within the current STIP/TIP in accordance with 23 CFR 450.216(n) and in compliance with 49 CFR 613.
3. For project phases with MORPC-attributable funding, any increase in the amount of MORPC-attributable funding for a project such that the total MORPC funding for the project remains less than the agreed cap for the phases listed in the TIP (as amended) and defined in the Policies (Cost Overruns) in Appendix B.
4. For FHWA project phases without MORPC-attributable funding, revision to project phase funding within the following limits:



- a. for a project phase listed amount less than \$3,000,000, a change in phase cost less than or equal to 50 percent.
  - b. for a project phase listed amount greater than or equal to \$3,000,000, but less than \$10,000,000, a change in phase cost less than or equal to 30 percent.
  - c. for a project phase listed amount greater than \$10,000,000, a change in phase cost less than or equal to 20 percent.
  - d. a revision that deletes a project.
5. For FTA project phases without MORPC-attributable funding:
- a. for a project phase listed amount less than \$1,000,000, a change in phase cost less than or equal to 50 percent.
  - b. for a project phase listed amount greater than or equal to \$1,000,000, but less than \$5,000,000, a change in phase cost less than or equal to 30 percent.
  - c. for a project phase listed amount greater than \$5,000,000, a change in phase cost less than or equal to 20 percent.
  - d. a revision that affects only local transit funding sources and/or funding type changes.
  - e. a revision that deletes a project.
6. Change in source of funds among federal, state and local (any combination or type).
7. Change in project lead agency.
8. Split or combine individually listed projects without changes to the total scope or cost that would require a TIP amendment.
9. Change in funding type for statewide line items.
10. Revise the ALI code, project name, number of vehicles, or type of vehicles.

#### D. MORPC TIP Amendment Procedures

The Office of Systems Planning and Program Management and the Program Managers will work together to identify project changes which require a STIP amendment. Amendments to the STIP for activities within MORPC's transportation planning area will be submitted to the MORPC TIP Manager for formal inclusion in the TIP by Transportation Policy Committee resolution. Projects that span more than one MPO area will be coordinated with all affected MPOs.

- 1. ODOT will send TIP amendment requests for ODOT projects within MORPC's transportation planning area through the District to the MORPC TIP Manager. Project sponsors and ODOT must submit requests to the MORPC TIP Manager **by the 10th day of August, November, February, or May (April** for fourth quarter transit TIP amendments) to be included in the next regularly scheduled STIP amendment. MORPC may choose to postpone consideration of requests received after this date until the next TIP/STIP amendment.
- 2. TIP revision requests to MORPC should include current information for all fields included in the TIP project listing, including a funding table that shows the amount, fiscal year, and source for each phase of a project. Requests should highlight fields that differ from the current TIP listing. Requests should also provide information about how the project affects bicyclists, pedestrians and transit riders, such as the facilities available to them before and after the project.



3. MORPC staff will prepare a resolution packet for members of the Community Advisory Committee (CAC), Transportation Advisory Committee (TAC), and Transportation Policy Committee for the September, December, March, and June (May for fourth quarter transit TIP amendments) meetings.
4. MORPC submits TIP revision packages to the Office of Systems Planning and Program Management following Transportation Policy Committee approval. The packages include a TIP table illustrating the change, documentation of the effect on TIP fiscal constraint for transit and MORPC-attributable funding sources, and the Transportation Policy Committee approval resolution(s). ODOT will address fiscal constraint for State-sponsored projects in MORPC's transportation planning area.
5. The ODOT Office of Systems Planning and Program Management will prepare highway program-funded STIP Amendment requests including overall fiscal constraint for submittal to FHWA by the first business day of the months of October, January, April, and July (or necessary special submittal). For FTA projects, the fourth quarter STIP revision is submitted by June 10 to provide time for FTA approval prior to the annual TEAM/TrAMS shutdown.
6. STIP revisions become effective only following USDOT approval.
7. The ODOT Office of Systems Planning and Program Management will notify the MORPC TIP Manager of USDOT approval of STIP revisions.

E. MORPC Administrative Modification Procedures

1. The Policy Committee has delegated the authority to approve administrative modifications (i.e., revisions meeting the criteria described in II. C. above) to MORPC's Transportation Systems & Funding Director.
2. The MORPC TIP Manager will submit each approved administrative modification to the appropriate ODOT District office, which will forward it to the ODOT Office of Program Management and/or ODOT Office of Transit for approval.
3. Once approved by ODOT the administrative modification will be incorporated into Ohio's STIP and no federal action will be required. ODOT will notify MORPC of the approved administrative modification and provide a copy of the approved administrative modification to FHWA and FTA.



# Appendix E

## Documentation of MORPC Transportation Policy Committee Adoption of the SFY 2018-2021 TIP



RESOLUTION T-5-17

**"Adoption of the FY 2018-2021 Transportation Improvement Program (TIP) and Reaffirmation of the 2016-2040 Metropolitan Transportation Plan"**

WHEREAS, the Mid-Ohio Regional Planning Commission is designated as the metropolitan planning organization (MPO) by the Governor, acting through the Ohio Department of Transportation and in cooperation with locally elected officials for Franklin and Delaware counties, the cities of New Albany and Pataskala and Etna Township in Licking County, and Violet and Bloom townships in Fairfield County, and Jerome Township in Union County; and

WHEREAS, pursuant to 23 United States Code 134, and 49 United States Code 5303, 5305, and 5306, MORPC, as the MPO, has caused the 2016-2040 Metropolitan Transportation Plan dated May 2016 to be prepared; and

WHEREAS, pursuant to 23 United States Code 134, and 49 United States Code 5304, MORPC, as the MPO, has prepared a Transportation Improvement Program (TIP) for Fiscal Years 2018 through 2021 dated April 28, 2017, and available at [www.morpc.org/tip](http://www.morpc.org/tip); and

WHEREAS, all projects in the TIP are included in the 2016-2040 Metropolitan Transportation Plan; and

WHEREAS, pursuant to 23 USC 134 and 42 USC 7506, the 2016-2040 Metropolitan Transportation Plan has been reanalyzed based on accepted methodology and has been determined to be in conformity with the requirements of the Clean Air Act Amendments of 1990, and said fact is documented in the *Air Quality Conformity Determination Documentation for the Franklin, Delaware, Licking, Fairfield, Madison and Knox County Ozone Non-Attainment Area and the Franklin, Delaware, Licking, Fairfield and Coshocton County (Franklin Twp.) PM 2.5 Non-Attainment Area* dated April 28, 2017, and the SFY 2018-2021 TIP projects are consistent with this conformity determination; and

WHEREAS, the TIP includes the Central Ohio Transit Authority's (COTA's) Short-Range Transit Plan (SRTP) with specific details provided in Appendix A of the TIP, which was adopted by the COTA board at its April 26, 2017 meeting; and

WHEREAS, in compliance with the U.S. Department of Transportation's Title VI regulations, solicitation of citizens' comments on the TIP was made by following MORPC's adopted Public Involvement Process including review by the Community Advisory Committee (CAC), advertisements in the *Columbus Dispatch*, *Delaware Gazette*, *Newark Advocate*, *Lancaster Eagle-Gazette*, and *Columbus Post*, sunshine mailings and an open house meeting; and

WHEREAS, in response to the Federal Transit Administration's guidelines on private sector participation, private transportation operators in the region have been involved in the planning process through representation on the Transportation Advisory Committee, the CAC and/or the Transportation Policy Committee; and

WHEREAS, pursuant to 23 USC 134, the financial plan for the TIP demonstrates that it can be implemented and that it is consistent with funding reasonably expected to be available; and

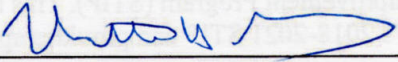
WHEREAS, the TIP does not become effective until approval is received from the federal and state authorities; and



WHEREAS, the Community Advisory Committee at its meeting on May 1, 2017 and the Transportation Advisory Committee at its meeting on May 3, 2017 recommended approval of this resolution to the Transportation Policy Committee; now therefore

**BE IT RESOLVED BY THE TRANSPORTATION POLICY COMMITTEE OF THE MID-OHIO REGIONAL PLANNING COMMISSION:**

- Section 1. That it adopts the Transportation Improvement Program for Fiscal Years 2018 through 2021 dated April 28, 2017, as provided on the MORPC website at [www.morpc.org/tip](http://www.morpc.org/tip) and recommends that its members incorporate these improvements into their transportation improvement programming for their governmental units.
- Section 2. That it affirms the consistency between the Fiscal Years 2018 through 2021 TIP and the 2016-2040 Metropolitan Transportation Plan and thus the determination of conformity between the TIP and the State Implementation Plan (SIP).
- Section 3. That it authorizes the Transportation Systems and Funding Director to approve administrative modifications to the TIP as provided in Appendix D of the document.
- Section 4. That the Transportation Policy Committee finds and determines that all formal deliberations and actions of this committee concerning and relating to the adoption of this resolution were taken in open meetings of this committee.

  
Matt Greeson, Chair

**MID-OHIO REGIONAL PLANNING COMMISSION**

5/11/17  
Date

Prepared by: Transportation Systems & Funding Staff





U.S. Department  
of Transportation

Federal Transit Administration  
Region V  
200 West Adams St., Suite 320  
Chicago, IL 60606-5253  
312-353-2789  
312-886-0351 (fax)

Federal Highway Administration  
OH Division  
200 North High St., Room 328  
Columbus, OH 43215

Jerry Wray  
Director  
Ohio Department of Transportation  
1980 West Broad Street  
Columbus, OH 43223

Dear Director Wray:

This is in response to your letter dated May 1, 2017 regarding Ohio's 2018-2021 Statewide Transportation Improvement Program (STIP). This letter is the documented USDOT Planning Finding for Ohio's 2018-2021 STIP and provides approval of the 2018-2021 STIP.

In order to approve the STIP, the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) must make a determination that each metropolitan TIP incorporated into the STIP is based on a continuing, cooperative, and comprehensive (3-C) planning process and as necessary conforms to the applicable state implementation plan in accordance with the provisions of the Transportation Conformity Rule (40 CFR Parts 51 and 93). In addition, this Planning Finding is based upon the extent that all the projects in the STIP, directly incorporating the 17 MPO TIPs and 5 RTPOTIPs, are the result of planning processes in accordance with provisions in U.S.C. 23 and U.S.C. 49.

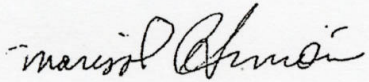
Based on our review of the information provided in the 2018-2021 STIP submittal and our ongoing oversight of statewide and metropolitan transportation planning processes, no areas of the planning process have been identified as failing to comply with federal law or regulation. Therefore, we approve the 2018-2021 STIP. This approval is effective July 1, 2017.

FHWA recognizes progress has been made in addressing the identified deficiencies from the 2016-2019 Planning Finding regarding Title VI and American with Disabilities Act (ADA). At this time, FHWA notes several items remain to be completed based on revised action plan timelines provided by the ODOT Division of Opportunity, Diversity and Inclusion (ODI). We expect outstanding action plan items to be completed by the next STIP approval.



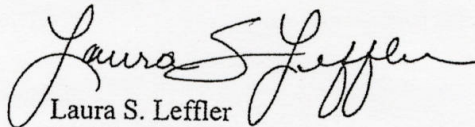
If you have any questions, please contact Mr. Andy Johns of FHWA at (614) 680-6896 or Stewart McKenzie of FTA at (312) 353-2866.

Sincerely,



Marisol R. Simón  
Regional Administrator  
Federal Transit Administration

By messenger (ODOT)

 -6/27/2017

Laura S. Leffler  
Division Administrator  
Federal Highway Administration