



EASTGATE

Regional Council of Governments

FY 2021 - 2024 Transportation Improvement Program April 2020

Title VI/Non-Discrimination Policy

It is Eastgate's Policy that all recipients of federal funds that pass through this agency ensure that they are in full compliance with Title VI and all related regulations and directives in all programs and activities.

No person shall, on the grounds of race, color, national origin, sex, age, disability, low-income status, or limited English proficiency be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any of Eastgate's programs, policies, or activities.

This report was financed by the Ohio Department of Transportation and Eastgate Regional Council of Governments.

EASTGATE REGIONAL COUNCIL OF GOVERNMENTS

Serving Northeast Ohio since 1973

The Eastgate Regional Council of Governments is a multipurpose Regional Council of Governments for Ashtabula, Mahoning and Trumbull Counties, as established by Section 167.01 of the Ohio Revised Code. Eastgate is the agency designated or recognized to perform the following functions:

- Serve as the Metropolitan Planning Organization (MPO) in Mahoning and Trumbull counties, with responsibility for the comprehensive, coordinated, and continuous planning for highways, public transit, and other transportation modes, as defined in Fixing America's Surface Transportation Act (FAST Act) legislation.
- Perform continuous water quality planning functions in cooperation with Ohio and U.S. EPA.
- Provide planning to meet air quality requirements under FAST Act and the Clean Air Act Amendments of 1990.
- Administration of the Economic Development District Program of the Economic Development Administration.
- Administration of the Local Development District of the Appalachian Regional Commission.
- Administration of the State Capital Improvement Program for the District 6 Public Works Integrating Committee.
- Administer the area clearinghouse function, which includes providing local government with the opportunity to review a wide variety of local or state applications for federal funds.
- Administration of the Clean Ohio Conservation Funds
- Administration of the regional Rideshare Program for Ashtabula, Mahoning, and Trumbull Counties.
- With General Policy Board direction, provide planning assistance to local governments that comprise the Eastgate planning area.

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Chair - Kevin Kern Vice Chair - Gerald Hurayt

Fiscal Year 2021 - 2024 Transportation Improvement Program

Mahoning and Trumbull Counties

Eastgate Regional Council of Governments

City Centre One

100 East Federal Street, Suite 1000

Youngstown, Ohio 44503

This report was financed by the Federal Highway Administration, Ohio Department of Transportation, Federal Transit Administration, and Eastgate Regional Council of Governments. The contents of this report reflect the views of Eastgate, which is responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official views of policy of the Department of Transportation. This report does not constitute a standard, specification, or regulation.

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Chapter 1 - Introduction

About the Eastgate Regional Council of Governments

Established through federal legislation, Metropolitan Planning Organizations (MPOs) exist throughout the United States. The MPO has authority to plan, prioritize, and select transportation projects that use federal funding and to coordinate any major transportation initiative that has regional significance. The Eastgate Regional Council of Governments (Eastgate) is the MPO for the Youngstown Metropolitan Area.

Eastgate serves as a regional partner with the United States Department of Transportation, the Ohio Department of Transportation (ODOT), member communities, local elected officials, the business community, and citizens across the two-county area. Eastgate leads in the development of the region's Metropolitan Transportation Plan (MTP) and Short-Range Transportation Improvement Program. Eastgate contributes to ongoing conversations about issues regarding land use, economic development, climate change, energy use, and the environment.

Eastgate is committed to providing the region with leadership in planning, funding, and development of a regional multi-modal transportation system.

Purpose and Need

Eastgate is required to prepare a Transportation Improvement Program (TIP) for our study area that meets the requirements of the Moving Ahead for Progress in the 21st Century (MAP-21) and the Fixing America's Surface Transportation Act (FAST Act). The TIP must be consistent with Eastgate's 2040 MTP and local transportation and transit plans. This document provides a financially feasible TIP and depicts the regional priorities for fiscal year 2021 - 2024 federal fund expenditure. When approved by the Governor, the FY 2021 - FY 2024 TIP will become part of Ohio's State Transportation Improvement Program (STIP).

MPO Planning Requirements

Federal law requires urbanized areas with a population of at least 50,000 to maintain a "Continuing, Comprehensive, and Cooperative", or "3-C", transportation planning process. To carry out its responsibilities, Eastgate produces three major work products: an overall Transportation Work Program, Metropolitan Transportation Plan, and Transportation Improvement Program.

Overall Transportation Work Program

The Transportation Work Program is a one-year plan developed to focus work efforts of staff using planning funds in the upcoming fiscal year.

Metropolitan Transportation Plan

The MTP is a major component of any metropolitan area. The MTP provides local governments and state agencies with information documenting anticipated future demands to the system as well as solutions to meet those demands. It specifically catalogs priority network needs and projects costs over a twenty-year planning horizon. Identifying alternative solutions to meet future travel demands on the system offers planning level information to local stakeholders for making sound transportation policy decisions.

Transportation Improvement Program

The TIP provides a comprehensive list of transportation improvements for our area's highway, bridge, non-motorized, and transit systems. These improvements are developed to promote and safeguard the environment and overall public health and safety by maintaining clean air standards and providing

transportation improvements and enhancements geared to improve the quality of life throughout our area.

Specifically, the TIP consists of improvements developed within the overall goals and objectives of the transportation plans and transportation planning process. It reflects the priorities of the implementing agencies, while staying within the funding constraints for the programming period. TIP projects are drawn directly from Eastgate's 2040 MTP. In general, the TIP must do the following:

- Be developed for each metropolitan area, by the MPO in cooperation with the Ohio Department of Transportation and transit operators. All projects identified in the document are utilizing Title 23 or Federal Transit Administration funds unless stated otherwise.
- Be approved by the MPO and the Governor of Ohio and shall allow for a reasonable opportunity for public comment prior to approval.

Preparation of the TIP involves cooperation from all levels of government and citizen participation. Eastgate's Technical Advisory Committee (TAC) and Citizens Advisory Board (CAB) review and recommend the TIP to the General Policy Board (GPB), Eastgate's decision making body. Project review meetings are held on a regular basis with representatives from ODOT and Eastgate, as well as officials from the county, city, township, village, or transit authority. The purpose of review meetings is to discuss the status and resolve issues affecting individual highway, non-motorized, or transit projects.

Performance Measures

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 7 key areas, and states are required to establish performance targets in support of these national goals. More information is detailed on performance measures in Chapter 9.

As part of a memorandum of understand between Eastgate, Trumbull Transit System, Western Reserve Transit Authority, and the Ohio Department of Transportation, standard procedures of operation and coordination concerning the performance-based planning process have been developed. The agreement documents the coordination and consensus among the parties regarding their mutual responsibilities in carrying out the performance-based transportation planning and programming process for the metropolitan planning area.

Chapter 2 - Highway Improvements

The highway portion of the TIP discusses the highway, bridge, and alternative projects scheduled to use available local, state, and federal funds in FY 2021 - FY 2024. Some sections within this chapter critique the status of projects from the previous FY 2018 - FY 2021 TIP. All projects listed were programmed by Eastgate and ODOT.

Sold Projects

Table 2 lists projects sold during FY 2018 - FY 2021 for Mahoning and Trumbull Counties. It identifies projects sold by the project identification number (PID), county, route, location, description of work, sponsor, funding sources, phases, and total project cost.

Highway Improvement Program

Highway projects and studies programmed for any phase of implementation during FY 2020 - FY 2024 are shown in Tables 3 and 4. Table 3 lists all projects and shows detailed information regarding each project. Table 4 lists all the same projects, sorted by primary funding source, with simplified information. Figure 1 shows the project locations for the two counties and are colored by planned construction year.

Projects submitted and funded by ODOT and the County Engineers Association of Ohio are reviewed for consistency with Eastgate's MTP. Projects are presented to Eastgate's TAC, CAB, and GPB before being included in the TIP.

Project Priority Procedures

To carry out the GPB's policies and to prioritize projects, Surface Transportation Block Grant Program (STBG), Congestion Mitigation and Air Quality (CMAQ), and Transportation Alternatives Set Aside Program (TAP) project rating systems were developed. Under this system, Eastgate staff, in cooperation with a selection committee, evaluates each project and award points based on evaluation criteria. Points awarded to a project are tabulated and each project is ranked based on these point totals.

Evaluation Criteria for Project Prioritization

An evaluation criterion was developed to form an objective basis for ranking projects. Criteria were chosen to reflect previously listed policies to differentiate between similar projects and to assure the most important projects would be ranked highest.

Projects are evaluated on a wide range of factors that include, but are not limited to, the following:

- Inclusion in Eastgate's 2040 MTP
- Enhancement to a programmed project in Eastgate's current TIP
- Overall project application
- Past performance measures
- Project readiness to proceed with construction / implementation
- Priority for projects of regional significance whose benefits extend beyond a single jurisdiction

The above criteria will be used to evaluate and compare submitted projects. In addition, each proposal will be evaluated by criteria specific to each funding category. Additional information about category specific evaluation criteria is available upon request.

Statewide Line Items

Projects not considered to be of appropriate scale for individual identification in a given program year may be added to the STIP by statewide line item. Appendix A provides the current list of the statewide line items.

When utilizing a statewide line item, the below processes and criteria should be followed and met.

- Projects considered for statewide line item usage must meet the following criteria:
 - Not regionally significant (23CFR 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 and MPO transportation plans

- A project/phase utilizing a statewide line item does not require a STIP/TIP amendment or a modification.

Table 1: Statewide Line Item Group List

Note: Missing Reference ID's are no longer active. TIP with \$0 in Program SFY indicates MPO funding not planned for SLI usage.			Total Program Cost Per SFY (Federal/State & Federal Labor) (\$000's)				
REF ID	PROGRAM	DEFINITION	2018	2019	2020	2021	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.	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
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.	\$375,000	\$375,000	\$375,000	\$375,000	\$1,500,000
SLI 07	EMERGENCY RELIEF PROJECTS	ODOT emergency category A, B, or C projects; these projects are usually weather related and require prompt action	\$26,534,457	\$19,827,152	\$10,000,000	\$10,000,000	\$66,361,609
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)	\$11,000,000	\$11,000,000	\$11,000,000	\$11,000,000	\$44,000,000
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.	\$17,846,550	\$22,488,943	\$19,503,911	\$19,893,989	\$79,733,393
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).	\$23,474,837	\$11,466,050	\$15,286,350	\$8,564,802	\$58,792,039
SLI 15	HIGHWAY SAFETY PROGRAM	Highway Safety - ODOT targets specific safety concerns for hazard elimination (e.g., vertical and horizontal alignment, signalizations, intersection channelization)	\$35,447,630	\$72,974,372	\$88,724,335	\$85,577,467	\$282,723,803
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).	\$124,684,950	\$75,629,414	\$54,130,505	\$116,189,802	\$370,634,671
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.	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000
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.	\$1,725,684	\$1,764,568	\$1,806,758	\$1,849,957	\$7,146,966
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.	\$12,572,000	\$14,072,000	\$15,203,000	\$15,203,000	\$57,050,000
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.	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$4,000,000

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).	\$3,748,450	\$3,438,480	\$4,000,000	\$4,000,000	\$15,186,930
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)	\$3,656,530	\$3,734,049	\$3,813,211	\$3,893,421	\$15,097,210
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.	\$7,408,307	\$18,581,438	\$11,298,079	\$11,018,879	\$48,306,703
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.	\$10,859,195	\$10,000,000	\$10,000,000	\$10,000,000	\$40,859,195
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.	\$5,900,000	\$6,350,000	\$8,100,000	\$6,216,872	\$26,566,872
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)	\$2,229,228	\$2,278,902	\$2,329,589	\$2,378,721	\$9,216,440
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. (Rev. 10/26/2015)	\$840,000	\$840,000	\$840,000	\$840,000	\$3,360,000
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)	\$24,162,235	\$24,729,095	\$25,308,255	\$25,908,255	\$100,107,840
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)	\$733,941,089	\$770,850,005	\$735,785,965	\$722,916,152	\$2,963,493,211
SLI 34	OHIO RAIL FIXED GUIDWAY SYSTEM SAFETY & SECURITY OVERSIGHT PROGRAM (5329)	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 effective management of safety and security risk.	\$584,324	\$596,712	\$609,362	\$622,362	\$2,412,760
SLI 36	BUS & BUS FACILITIES 5339(b)	Discretionary funding to replace buses for 33 of Ohio's rural transit systems	\$2,230,545	\$2,230,544	\$0	\$0	\$4,461,089
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.	\$1,000,000	\$1,000,000	\$0	\$0	\$2,000,000
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.	\$140,663,031	\$65,180,820	\$65,944,476	\$66,759,406	\$338,547,734

Table 2 - Projects Sold between July 1st, 2017 - June 30th, 2020

Table 2: Projects Sold between July 1st, 2017 - June 30th, 2020

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE
80192	MAH	680/164 Interchange	ODOT	Beaver Township - construct interchange at IR-680 and SR-164	New Interchange	State	#012-2016 #003-2015 #032-2013	4PF7		SP	C	\$ 135,000	2018	11/30/2017
									4PS7	SP	C	\$ 15,000	2018	
									4BG7	L	C	\$ 1,500,000	2018	
								4HJ7		HSIP	C	\$ 2,640,000	2018	
									4BC7	S	C	\$ 660,000	2018	
									4TL7	S	C	\$ 6,000,000	2018	
								4HJ7		HSIP	C	\$ 760,000	2018	
									4BC7	S	C	\$ 190,000	2018	
								LABR		SP	CE	\$ 103,500	2018	
									LABR	SP	CE	\$ 11,500	2018	
								LABR		SP	CE	\$ 200,000	2018	
									LABR	SP	CE	\$ 50,000	2018	
								LABR		SP	CE	\$ 450,000	2018	
									LABR	SP	CE	\$ 50,000	2018	
								4HJ7		HSIP	CE	\$ 4,000	2018	
	4PS7	SP	CE	\$ 1,000	2018									
Total:												\$ 12,770,000		
93385	TRU	Greenway Trailhead	Local	City of Warren - trailhead construction along the Great Ohio Lake to River Greenway	Bikeway	City of Warren	#032-2016 #040-2015	4TC7		TAP	C	\$ 255,625	2018	4/5/2018
									LNT	L	C	\$ 220,000	2018	
									LNT	L	C	\$ 55,000	2018	
									LNT	L	CE	\$ 50,000	2018	
								Total:						
94376	TRU	IR 0080 02.04 Landscaping	Local	City of Girard - landscaping and signing enhancement of IR-80 at US-422	Landscaping	City of Girard	#011-2012	4TC7		TAP	C	\$ 59,760	2019	5/16/2019
									LNT	L	C	\$ 14,940	2019	
								4TC7		TAP	CE	\$ 6,640	2019	
									LNT	L	CE	\$ 1,660	2019	
								Total:						
95446	MAH	South Avenue (CR 0151 03.57)	Local	Boardman Township - intersection improvements and signalization upgrade from Matthews Road to Midlothian Boulevard	Intersection Improvement	Mahoning County Engineer	#004-2016 #013-2013	4HJ7		HSIP	R	\$ 400,000	2019	4/15/2020
									LNT	L	R	\$ 44,444	2019	
								4HJ7		HSIP	C	\$ 1,330,953	2021	
									LNT	L	C	\$ 147,884	2021	
								4TB7		CMAQ	C	\$ 1,920,000	2021	
	LNT	L	C	\$ 480,000	2021									
Total:												\$ 4,323,281		
95844	TRU	US 0422 13.00	Local	City of Warren - reconstruction of US-422 from Laird Avenue to Ridge Avenue	Major Rehabilitation	City of Warren	#006-2013	4TA7		STBG	C	\$ 2,800,000	2018	8/24/2017
									4PS7	SP	C	\$ 700,000	2018	
								4TA7		STBG	CE	\$ 280,000	2018	
									4PS7	SP	CE	\$ 70,000	2018	
								Total:						
97934	TRU	Tibbetts Wick (CR-28)	ODOT	Weathersfield Township - construction of 550 foot westbound right turn lane on Tibbetts Wick	Intersection Improvement	State	#001-2015 #032-2014	4R47		LGHP	C	\$ 258,789	2018	3/8/2018
									4BG7	L	C	\$ 321,211	2018	
								4TB7		CMAQ	C	\$ 600,000	2018	
									4PS7	SP	C	\$ 150,000	2018	
								4R47		LGHP	CE	\$ 5,425	2018	
								LABR		SP	CE	\$ 60,000	2018	
	LABR	SP	CE	\$ 15,000	2018									
Total:												\$ 1,410,425		

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE
98773	TRU	Burnett East Road Bridge	Local	Kinsman Township - replace Burnett East Road Bridge over Sugar Creek	Bridge	Trumbull County Engineer	#015-2014	4B87		BRC	C	\$ 609,840	2018	2/20/2018
									4BG7	L	C	\$ 152,460	2018	
								4B87		BRC	CE	\$ 67,760	2018	
									4BG7	L	CE	\$ 16,940	2018	
								Total:				\$ 847,000		
98774	TRU	Morford Road Bridge	Local	Kinsman Township - replace Morford Road Bridge over Stratton Creek	Bridge	Trumbull County Engineer	#015-2014	4TA7		STBG	P Env	\$ 80,000	2018	2/8/2019
									4BG7	L	P Env	\$ 20,000	2018	
								4TA7		STBG	P Dtl Dsgn	\$ 120,000	2018	
									4BG7	L	P Dtl Dsgn	\$ 30,000	2018	
								4TA7		STBG	R	\$ 20,000	2018	
									4BG7	L	R	\$ 5,000	2018	
								4B87		BRC	C	\$ 596,880	2019	
									4BG7	L	C	\$ 149,220	2019	
								4B87		BRC	CE	\$ 66,320	2019	
									4BG7	L	CE	\$ 16,580	2019	
Total:				\$ 1,104,000										
98840	MAH	Lowellville Road Bridge	Local	Village of Lowellville - replace Lowellville Road Bridge over Hines Run	Bridge	Mahoning County Engineer	#007-2016 #028-2014	4TA7		STBG	P Dtl Dsgn	\$ 17,726	2018	3/27/2019
									LNTP	L	P Dtl Dsgn	\$ 4,432	2018	
								4TA7		STBG	R	\$ 16,000	2018	
									LNTP	L	R	\$ 4,000	2018	
								4B87		BRC	C	\$ 734,400	2019	
									LNTP	L	C	\$ 183,600	2019	
								4B87		BRC	CE	\$ 81,600	2019	
									LNTP	L	CE	\$ 20,400	2019	
Total:				\$ 1,062,158										
98980	MAH	Federal Street / Market Street	Local	City of Youngstown - resurfacing Federal Street from Phelps Street to Walnut Street; resurfacing Market Street from Front Street to Commerce Street	Resurfacing	City of Youngstown	#026-2014	4TA7		STBG	C	\$ 288,000	2020	6/16/2017
									LNTP	L	C	\$ 72,000	2020	
								4TA7		STBG	CE	\$ 32,000	2020	
									LNTP	L	CE	\$ 8,000	2020	
Total:				\$ 400,000										
99577	TRU	North Road / Reeves Road	Local	Howland Township - intersection improvements, includes north and southbound dedicated turn lanes	Intersection Improvement	Trumbull County Engineer	#042-2014 #023-2018	4TA7		STBG	P Dtl Dsgn	\$ 8,000	2018	9/11/2019
									LNTP	L	P Dtl Dsgn	\$ 2,000	2018	
								4TA7		STBG	R	\$ 8,000	2018	
									LNTP	L	R	\$ 2,000	2018	
								4HB7		CEAO	C	\$ 125,280	2020	
									LNTP	L	C	\$ 31,320	2020	
								4HB7		CEAO	CE	\$ 13,920	2020	
	LNTP	L	CE	\$ 3,480	2020									
Total:				\$ 194,000										
99581	TRU	Tod Avenue / Atlantic Street	Local	City of Warren - resurfacing Tod Avenue from Market Street to Elm Hill Drive; resurfacing Atlantic Street from Mahoning Avenue to Elm Road	Resurfacing	City of Warren	#007-2014	4TA7		STBG	C	\$ 810,000	2019	6/1/2017
									LNTP	L	C	\$ 202,500	2019	
								4TA7		STBG	CE	\$ 90,000	2019	
									LNTP	L	CE	\$ 22,500	2019	
Total:				\$ 1,125,000										

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE
99586	TRU	North Road / North River Road	Local	Howland Township - intersection improvements, includes north and southbound dedicated turn lanes	Intersection Improvement	Trumbull County Engineer	#016-2016 #042-2014	4TA7		STBG	R	\$ 10,134	2018	4/24/2018
									LNTP	L	R	\$ 2,533	2018	
								4HB7		CEAO	C	\$ 317,840	2019	
									LNTP	L	C	\$ 79,460	2019	
								4HB7		CEAO	CE	\$ 31,760	2019	
									LNTP	L	CE	\$ 7,940	2019	
								Total:		\$ 449,667				
99595	TRU	Laird / Genesee / Woodland	Local	City of Warren - resurfacing Laird Avenue from Youngstown Road to Atlantic Street; resurfacing Genesee Avenue from Market Street to Elm Road; resurfacing Woodland Avenue from Elm Road to Perkinswood Boulevard	Resurfacing	City of Warren	#042-2014	4TA7		STBG	C	\$ 1,098,000	2021	5/31/2018
									LNTP	L	C	\$ 274,500	2021	
								4TA7		STBG	CE	\$ 122,000	2021	
									LNTP	L	CE	\$ 30,500	2021	
								Total:		\$ 1,525,000				
99802	MAH	Western Reserve Road Roundabout	Local	Springfield Township - constructing roundabout at 5 leg intersection where Western Reserve Road, North Lima Road, and Springfield Road intersect	Intersection Improvement	Mahoning County Engineer	#011-2016 #001-2015	4TB7		CMAQ	P Dtl Dsgn	\$ 35,742	2018	2/13/2019
								4TB7		CMAQ	R	\$ 150,000	2018	
								4TB7		CMAQ	C	\$ 1,030,000	2019	
								4TB7		CMAQ	CE	\$ 70,000	2019	
								Total:		\$ 1,285,742				
101707	TRU	Salt Springs / South Leavitt Road	ODOT	Village of Lordstown - resurfacing Salt Springs Road from Elsworth Bailey Road to SR-45; resurfacing South Leavitt Road from Palmyra Road to Hewitt Gifford Road	Resurfacing	Village of Lordstown	#019-2015	4TA7		STBG	C	\$ 561,600	2018	8/24/2017
									4BG7	L	C	\$ 140,400	2018	
								4TA7		STBG	CE	\$ 40,000	2018	
									4BG7	L	CE	\$ 10,000	2018	
								Total:		\$ 752,000				
101759	TRU	Main Street (Cortland)	Local	City of Cortland - resurfacing from McCleary Jacoby Street to Erie Street, and Walnut Street to SR-11	Resurfacing	City of Cortland	#019-2015	4TA7		STBG	P Env	\$ 19,200	2018	9/19/2018
									LNTP	L	P Env	\$ 4,800	2018	
								4TA7		STBG	P Dtl Dsgn	\$ 4,800	2018	
									LNTP	L	P Dtl Dsgn	\$ 1,200	2018	
								4TA7		STBG	C	\$ 345,600	2019	
									LNTP	L	C	\$ 86,400	2019	
								4TA7		STBG	CE	\$ 38,400	2019	
	LNTP	L	CE	\$ 9,600	2019									
								Total:		\$ 510,000				
101773	MAH	12th Street (Sebring)	ODOT	Village of Sebring - resurfacing 12th Street from 2,000 feet north of US-62 to 500 feet north of West Pine Lake Road	Resurfacing	Village of Sebring	#019-2015	4TA7		STBG	C	\$ 368,640	2018	7/13/2017
									4BG7	L	C	\$ 92,160	2018	
									4BG7	L	C	\$ 86,400	2018	
									4BG7	L	C	\$ 52,800	2018	
									4BG7	L	CE	\$ 6,250	2018	
									4BG7	L	CE	\$ 6,250	2018	
								4TA7		STBG	CE	\$ 30,000	2018	
									4BG7	L	CE	\$ 7,500	2018	
								Total:		\$ 650,000				
101897	MAH	Mahoning / Victoria Signal	Local	Austintown Township - install signal at the intersection of Mahoning Avenue and Victoria Road	Signals	Mahoning County Engineer	#028-2015	4TA7		STBG	C	\$ 158,400	2018	3/28/2018
									LNTP	L	C	\$ 39,600	2018	
								4TA7		STBG	CE	\$ 17,600	2018	
									Intp	L	CE	\$ 4,400	2018	
								Total:		\$ 220,000				

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE
102004	MAH	Meridian Road Upgrade (Meridian Road Phase II)	Local	Austintown Township - road upgrade from I-680 to Trumbull County Line C STPM \$1,780,000 & L \$445,000 (FY 2020)	Resurfacing	Mahoning County Engineer	#019-2015	4TA7		STBG	P Env	\$ 160,000	2018	1/29/2020
									LNTP	L	P Env	\$ 40,000	2018	
								4TA7		STBG	P Dtl Dsgn	\$ 40,000	2019	
									LNTP	L	P Dtl Dsgn	\$ 10,000	2019	
								4TA7		STBG	C	\$ 1,602,000	2020	
									LNTP	L	C	\$ 400,500	2020	
								4TA7		STBG	CE	\$ 178,000	2020	
	LNTP	L	CE	\$ 44,500	2020									
Total:											\$ 2,475,000			
102103	MAH	SR 46 16.64	ODOT	Austintown Township - restripe and reconfigure lanes along SR 46 from Lou Ida Boulevard to County Line Road	Widening	State	#023-2017	4HJ7		HSIP	R	\$ 450,000	2018	5/2/2019
									4BC7	S	R	\$ 50,000	2018	
								4HJ7		HSIP	C	\$ 450,000	2020	
									4BC7	S	C	\$ 50,000	2020	
									4BG7	L	C	\$ 2,500,000	2020	
Total:											\$ 3,500,000			
102542	MAH	Youngstown Signals	Local	City of Youngstown - signal upgrade at 17 locations throughout the city	Signals	City of Youngstown	#004-2016	4TB7		CMAQ	P Dtl Dsgn	\$ 181,275	2019	Non-Let
								4TB7		CMAQ	R	\$ 120,000	2020	
								4TB7		CMAQ	C	\$ 2,240,000	2021	
								4TB7		CMAQ	CE	\$ 169,504	2021	
								Total:						
103283	MAH	Dobbins Road Sidewalk	Local	Poland Township - construct new sidewalk on south side of Dobbins Road	Sidewalks	Poland Township	#040-2015	4TC7		TAP	C	\$ 118,080	2018	10/16/2017
									LNTP	L	C	\$ 29,520	2018	
								4TC7		TAP	CE	\$ 13,120	2018	
									LNTP	L	CE	\$ 3,280	2018	
Total:											\$ 164,000			
103454	MAH	Mahoning Avenue (CR 0018 00.96) Causeway	Local	Milton Township - install curb and gutter drainage system to prevent further causeway embankment erosion from roadway runoff	Drainage Improvement	Mahoning County Engineer	#040-2015	4TC7		TAP	C	\$ 180,000	2018	11/22/2017
									LNTP	L	C	\$ 45,000	2018	
								4TC7		TAP	CE	\$ 20,000	2018	
									4BG7	L	CE	\$ 5,000	2018	
Total:											\$ 250,000			
103720	MAH	SR 0046 14.67	ODOT	Austintown Township - intersection improvements at SR-46 and Mahoning Avenue	Intersection Improvement	State	#023-2016	4HJ7		STBG	R	\$ 171,000	2018	4/4/2019
									4BC7	L	R	\$ 19,000	2018	
								4TA7		HSIP	C	\$ 400,000	2019	
									4BG7	SP	C	\$ 100,000	2019	
								4HJ7		HSIP	C	\$ 540,000	2019	
									4BC7	SP	C	\$ 60,000	2019	
								LABR		SP	CE	\$ 54,000	2019	
									LABR	SP	CE	\$ 6,000	2019	
								LABR		SP	CE	\$ 40,000	2019	
									LABR	L	CE	\$ 10,000	2019	
Total:											\$ 1,400,000			
103794	MAH	E Cohasset Drive, Phase II	Local	Mill Creek Park - rehabilitation of a 1.07 mile section of East Cohasset Drive	Resurfacing	Mill Creek MetroParks	#040-2015	4TC7		TAP	C	\$ 262,152	2020	6/7/2017
									LNTP	L	C	\$ 65,538	2020	
								4TC7		TAP	CE	\$ 29,128	2020	
									LNTP	L	CE	\$ 7,282	2020	
Total:											\$ 364,100			

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE
103932	MAH	Harding Elementary Sidewalks	Local	City of Youngstown - sidewalk reconstruction near Harding Elementary	Sidewalks	City of Youngstown	#040-2015	4TC7		TAP	C	\$ 152,485	2019	5/25/2018
									LNTF	L	C	\$ 38,121	2019	
								4TC7		TAP	CE	\$ 16,943	2019	
									LNTF	L	CE	\$ 4,236	2019	
Total:												\$ 211,785		
103933	MAH	Garfield Street Sidewalks	Local	City of Struthers - install new sidewalk on the east side of Garfield Street and north side of Como Avenue	Sidewalks	City of Struthers	#040-2015	4TC7		TAP	C	\$ 146,880	2019	4/16/2018
									LNTF	L	C	\$ 36,720	2019	
								4TC7		TAP	CE	\$ 16,320	2019	
									LNTF	L	CE	\$ 4,080	2019	
Total:												\$ 204,000		
104602	MAH	Idora Bridge	Local	Mill Creek Park - improvements to the Idora Bridge	Bridge	Mill Creek MetroParks	#033-2016	4TA7		STBG	C	\$ 180,000	2019	8/1/2018
									LNTF	L	C	\$ 45,000	2019	
								4TA7		STBG	CE	\$ 20,000	2019	
									LNTF	L	CE	\$ 5,000	2019	
Total:												\$ 250,000		
104634	TRU	West Market Street (Warren Township)	Local	Warren Township - resurfacing from SR-5/82 interchange to Lovers Lane	Resurfacing	Trumbull County Engineer	#033-2016 #007-2018	4TA7		STBG	C	\$ 822,948	2021	2/12/2020
									LNTF	L	C	\$ 205,737	2021	
								4TA7		STBG	CE	\$ 25,452	2021	
									LNTF	L	CE	\$ 6,262	2021	
Total:												\$ 1,060,399		
104635	TRU	State Road (Champion)	Local	Champion Township - resurfacing from SR-45 to SR-305	Resurfacing	Trumbull County Engineer	#033-2016	4TA7		STBG	C	\$ 622,080	2019	6/20/2018
									LNTF	L	C	\$ 155,520	2019	
								4TA7		STBG	CE	\$ 25,920	2019	
									LNTF	L	CE	\$ 6,480	2019	
Total:												\$ 810,000		
104643	TRU	Trumbull Avenue (Girard)	Local	City of Girard - resurfacing from US-422 to Girard East Corp Limit	Resurfacing	City of Girard	#033-2016	4TA7		STBG	C	\$ 357,349	2019	6/27/2019
									LNTF	L	C	\$ 89,337	2019	
								4TA7		STBG	CE	\$ 14,880	2019	
									LNTF	L	CE	\$ 3,720	2019	
Total:												\$ 465,286		
104644	TRU	East Liberty Street (Girard)	Local	City of Girard - resurfacing from US-422 to Girard East Corp Limit	Resurfacing	City of Girard	#033-2016	4TA7		STBG	C	\$ 433,768	2019	6/26/2018
									LNTF	L	C	\$ 108,442	2019	
								4TA7		STBG	CE	\$ 18,080	2019	
									LNTF	L	CE	\$ 4,520	2019	
Total:												\$ 564,810		
104645	MAH	Rayen Avenue (SR289) Youngstown	Local	City of Youngstown - resurfacing from MLK Boulevard to Watt Street	Resurfacing	City of Youngstown	#033-2016	4TA7		STBG	C	\$ 537,600	2020	Non-Let
									LNTF	L	C	\$ 134,400	2020	
								4TA7		STBG	CE	\$ 22,400	2020	
									LNTF	L	CE	\$ 5,600	2020	
Total:												\$ 700,000		
104651	MAH	McGaffney Avenue Extension	ODOT	Village of Lowellville - construct new roadway approximately 590 feet long for industrial development	New Construction	Village of Lowellville	#038-2016	4D37		ARC	C	\$ 450,000	2019	7/11/2019
								4D37		ARC	CE	\$ 50,000	2019	
								Total:						
104652	MAH	Front Street (Youngstown)	Local	City of Youngstown - resurfacing and installing landscaped median between Marshall Street and South Avenue	Resurfacing	City of Youngstown	#033-2016	4TA7		STBG	P Env	\$ 76,800	2018	Non-Let
									LNTF	L	P Env	\$ 19,200	2018	
								4TA7		STBG	P Dtl Dsgn	\$ 19,200	2018	
									LNTF	L	P Dtl Dsgn	\$ 4,800	2018	
								4TA7		STBG	C/CE	\$ 880,000	2022	
									LNTF	L	C/CE	\$ 220,000	2022	
Total:												\$ 1,220,000		

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	SOLD DATE	
104656	TRU	Myron Street Bridge Replacement	ODOT	City of Hubbard - replacing the Myron Street Bridge	Bridge	Trumbull County Engineer	#033-2016 #044-2018	4TA7		STBG	P Env	\$ 165,000	2018	4/9/2020	
									4BG7	L	P Env	\$ 41,250	2018		
								4TA7		STBG	P Dtl Dsgn	\$ 55,000	2019		
									4BG7	L	P Dtl Dsgn	\$ 13,750	2019		
								4TA7		STBG	R	\$ 24,000	2019		
									4BG7	L	R	\$ 6,000	2019		
								4TA7		STBG	C	\$ 654,720	2020		
									4BG7	L	C	\$ 163,680	2020		
								4TA7		STBG	CE	\$ 49,280	2020		
									4BG7	L	CE	\$ 12,320	2020		
Total:											\$ 1,185,000				
104659	MAH	Fifth Avenue (Youngstown)	Local	City of Youngstown - resurfacing and installing landscaped median from Federal Street to Madison Avenue Expressway	Resurfacing	City of Youngstown	#033-2016	4TA7		STBG	P Env	\$ 139,520	2018	Non-Let	
										LNTP	L	P Env	\$ 34,880		2018
								4TA7		STBG	P Dtl Dsgn	\$ 34,880	2018		
										LNTP	L	P Dtl Dsgn	\$ 8,720		2018
								4TA7		STBG	C	\$ 2,119,322	2019		
										LNTP	L	C	\$ 529,831		2019
								4TA7		STBG	CE	\$ 65,520	2019		
										LNTP	L	CE	\$ 16,380		2019
Total:											\$ 2,949,053				
104866	MAH	Commerce (CR 0151)	Local	City of Youngstown - resurfacing from Fifth Avenue to Federal Street	Resurfacing	City of Youngstown	#026-2014	4TA7		STBG	C	\$ 388,800	2021	Non-Let	
										LNTP	L	C	\$ 97,200		2021
								4TA7		STBG	CE	\$ 43,200	2021		
										LNTP	L	CE	\$ 10,800		2021
Total:											\$ 540,000				

Table 3 - FY 2021 - 2024 Fiscally Constrained Project Listings

Table 3: FY 2021 - 2024 Fiscally Constrained Project Listings

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY				
80674	MAH	Western Reserve Road (Phase I)	Local	Boardman Township - widening from Hitchcock Road to SR-7	Major Reconstruction	Mahoning County Engineer	#004-2016 #038-2006	4R47		LGHP	C	\$ 559,055	2021				
									LNTP	L	C	\$ 500,000	2021				
									LNTP	L	C	\$ 500,000	2021				
									LNTP	L	C	\$ 473,000	2021				
									LNTP	L	C	\$ 3,364	2021				
								4B77		CSTP	C	\$ 2,000,000	2021				
								4TB7		CMAQ	C	\$ 2,000,000	2021				
								4PF7		SP	C	\$ 600,000	2021				
	4PS7	SP	C	\$ 150,000	2021		Total:			\$ 6,785,419							
85005	MAH	MetroParks Bikeway (Phase III)	Local	Green Township - construction of 6.25 mile multi-use trail from Western Reserve Road to SR-14	Bikeway	Mill Creek MetroParks	#022-2007 #030-2019	4TB7		CMAQ	C	\$ 3,238,050	2022				
									LNTP	L	C	\$ 809,513	2022				
								4TB7		CMAQ	CE	\$ 185,850	2022				
									LNTP		CE	\$ 46,462	2022				
							Total:			\$ 4,279,875							
99804	TRU	Western Reserve Greenway (Phase IV)	ODOT	Trumbull County - construct Phase IV of the Western Reserve Greenway Bike Trail	Bikeway	Trumbull MetroParks	#039-2016 #001-2015	4TB7		CMAQ	C	\$ 1,930,400	2022				
									4BG7	L	C	\$ 482,600	2022				
								4TB7		CMAQ	CE	\$ 4,000	2022				
									4BG7	L	CE	\$ 1,000	2022				
								LABR		L	C	\$ 48,708	2022				
									LABR	L	C	\$ 108,025	2022				
									LABR	L	C	\$ 12,177	2022				
							Total:			\$ 2,586,910							
101877	MAH	Eastgate FY21 Air Quality	-	Eastgate FY21 Air Quality Program	Air Quality	Eastgate	-	4TE7		SPR	P	\$ 152,000	2021				
									LNTP	L	P	\$ 38,000	2021				
														Total:			\$ 190,000
101879	MAH	Eastgate FY21 Rideshare	-	Eastgate FY21 Rideshare Program	Air Quality	Eastgate	-	4TE7		SPR	P	\$ 60,000	2021				
														Total:			\$ 60,000
102541	TRU	East Market Street / North Road	Local	Howland Township - intersection improvements at East Market Street and North Road, included exclusive westbound right turn lane	Intersection Improvement	Trumbull County Engineer	#004-2016 #023-2018 #030-2019 #038-2019	4TB7		CMAQ	C	\$ 548,782	2021				
									LNTP	L	C	\$ 137,195	2021				
									LNTP	L	C	\$ 61,105	2021				
								4TB7		CMAQ	CE	\$ 30,864	2021				
									LNTP	L	CE	\$ 7,716	2021				
							Total:			\$ 785,662							
104591	MAH	Bridge Painting, Phase II	Local	Mahoning County - painting of four structures with minor structural repair	Bridge	Mahoning County Engineer	#033-2016	4TA7		STBG	C	\$ 1,339,200	2022				
									LNTP	L	C	\$ 334,800	2022				
								4TA7		STBG	CE	\$ 100,800	2022				
									LNTP	L	CE	\$ 25,200	2022				
							Total:			\$ 1,800,000							
104607	MAH	Hopkins Road Bridge Replacement	Local	Boardman Township - replacement of Hopkins Road Bridge with a 40' single span prestressed box beam structure	Bridge	Mahoning County Engineer	#033-2016	5BP7		BRC	C	\$ 607,500	2021				
								5BP7		BRC	CE	\$ 67,500	2021				
														Total:			\$ 675,000
104612	TRU	Reserve Avenue Bridges	Local	City of Warren - rehabilitation of Reserve Avenue Bridges	Bridge	City of Warren	#033-2016 #023-2018	4TA7		STBG	C	\$ 563,770	2022				
									LNTP	L	C	\$ 140,942	2022				
								4TA7		STBG	CE	\$ 64,000	2022				
									LNTP	L	CE	\$ 16,000	2022				
														Total:			\$ 784,712

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
104613	TRU	Warner Road Bridge	ODOT	Hartford Township - replacement of Warner Road Bridge	Bridge	Trumbull County Engineer	#033-2016	4B87		BRC	C	\$ 1,238,737	2021
									4BG7	L	C	\$ 65,197	2021
								4B87		BRC	CE	\$ 90,573	2021
									4BG7	L	CE	\$ 4,767	2021
								Total:				\$ 1,399,274	
104619	TRU	East Market Street (Warren)	Local	City of Warren - resurfacing from Main Street to the SR-82 interchange	Resurfacing	City of Warren	#033-2016 #016-2018	4TA7		STBG	C	\$ 1,823,600	2021
									LNTD	L	C	\$ 455,900	2021
								4TA7		STBG	CE	\$ 56,400	2021
									LNTD	L	CE	\$ 14,100	2021
								Total:				\$ 2,350,000	
104626	TRU	Mecca Street (Cortland)	Local	City of Cortland - resurfacing from Wakefield Drive to Cortland North Corp Limit	Resurfacing	City of Cortland	#033-2016 #002-2019	4TA7		STBG	C	\$ 738,560	2022
									LNTD	L	C	\$ 184,640	2022
								4TA7		STBG	CE	\$ 49,440	2022
									LNTD	L	CE	\$ 12,360	2022
								Total:				\$ 985,000	
104641	TRU	Tibbetts Wick Road (CR-28)	Local	Liberty Township - resurfacing from SR-11 to SR-193	Resurfacing	Trumbull County Engineer	#033-2016 #016-2018	4TA7		STBG	C	\$ 553,360	2021
									LNTD	L	C	\$ 138,340	2021
								4TA7		STBG	CE	\$ 23,040	2021
									LNTD	L	CE	\$ 5,760	2021
								Total:				\$ 720,500	
104642	TRU	Niles Vienna Road (CR 56)	Local	Howland / Vienna Township - resurfacing from Niles East Corp Limit to Warren Sharon Road	Resurfacing	Trumbull County Engineer	#033-2016 #016-2018	4TA7		STBG	C	\$ 981,600	2022
									LNTD	L	C	\$ 245,400	2022
								4TA7		STBG	CE	\$ 30,400	2022
									LNTD	L	CE	\$ 7,600	2022
								Total:				\$ 1,265,000	
104657	MAH	Mahoning Avenue (CR 18)	Local	Austintown Township - resurfacing from Meander Reservoir Bridge to Meridian Road	Resurfacing	Mahoning County Engineer	#033-2016	4TA7		STBG	C	\$ 2,265,920	2021
									LNTD	L	C	\$ 566,480	2021
								4TA7		STBG	CE	\$ 70,080	2021
									LNTD	L	CE	\$ 17,520	2021
								Total:				\$ 2,920,000	
104658	MAH	South Avenue (CR 151)	Local	Boardman Township - resurfacing from Western Reserve Road to Presidential Drive	Resurfacing	Mahoning County Engineer	#033-2016	4TA7		STBG	C	\$ 962,240	2022
									LNTD	L	C	\$ 240,560	2022
								4TA7		STBG	CE	\$ 29,760	2022
									LNTD	L	CE	\$ 7,440	2022
								Total:				\$ 1,240,000	
105728	MAH	Eastgate FY21 RTPP	-	Eastgate 2021 Regional Transportation Planning Program Supplemental Funding	Planning	Eastgate	#033-2016	4TD7		SPR	P	\$ 128,000	2021
									LNTD	L	P	\$ 32,000	2021
								Total:				\$ 160,000	
106731	MAH	Eastgate FY22 RTPP	-	Eastgate 2022 Regional Transportation Planning Program Supplemental Funding	Planning	Eastgate	#033-2016	4TD7		SPR	P	\$ 128,000	2022
									LNTD	L	P	\$ 32,000	2022
								Total:				\$ 160,000	
106733	MAH	Eastgate FY23 RTPP	-	Eastgate 2023 Regional Transportation Planning Program Supplemental Funding	Planning	Eastgate	#033-2016	4TD7		SPR	P	\$ 128,000	2023
									LNTD	L	P	\$ 32,000	2023
								Total:				\$ 160,000	
106734	MAH	Eastgate FY22 Air Quality	-	Eastgate FY22 Air Quality Program	Air Quality	Eastgate	#033-2016	4TE7		SPR	P	\$ 152,000	2022
									LNTD	L	P	\$ 38,000	2022
								Total:				\$ 190,000	

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
106735	MAH	Eastgate FY22 Rideshare	-	Eastgate FY22 Rideshare Program	Air Quality	Eastgate	-	4TE7		SPR	P	\$ 60,000	2022
								Total:		\$ 60,000			
106736	MAH	Eastgate FY23 Air Quality	-	Eastgate FY23 Air Quality Program	Air Quality	Eastgate	-	4TE7		SPR	P	\$ 152,000	2023
									LNTF	L	P	\$ 38,000	2023
								Total:		\$ 190,000			
106737	MAH	Eastgate FY23 Rideshare	-	Eastgate FY23 Rideshare Program	Air Quality	Eastgate	-	4TE7		SPR	P	\$ 60,000	2023
								Total:		\$ 60,000			
107211	MAH	Poland Cemetery Bridge	ODOT	Village of Poland - rehabilitation of the Cemetery Bridge	Bridge	Village of Poland	#004-2018	4TC7		TAP	C	\$ 149,760	2021
									4BG7	L	C	\$ 37,440	2021
								4TC7		TAP	CE	\$ 16,640	2021
									4BG7	L	CE	\$ 4,160	2021
								Total:		\$ 208,000			
107213	TRU	Girard Jr/High School Sidewalks	Local	City of Girard - new sidewalks on local streets near the junior / high school	Sidewalks	City of Girard	#004-2018	4TC7		TAP	C	\$ 70,992	2021
									LNTF	L	C	\$ 17,748	2021
								4TC7		TAP	CE	\$ 7,888	2021
									LNTF	L	CE	\$ 1,972	2021
								Total:		\$ 98,600			
107216	TRU	Kinsman Sidewalks Phase 2	Local	Kinsman Township - new sidewalks along SR 5	Sidewalks	Trumbull County Engineer	#004-2018	4TC7		TAP	C	\$ 112,464	2021
									LNTF	L	C	\$ 28,116	2021
								4TC7		TAP	CE	\$ 12,496	2021
									LNTF	L	CE	\$ 3,124	2021
								Total:		\$ 156,200			
107226	MAH	Poland Signal Upgrade	ODOT	Village of Poland - upgrade 10 signals on various routes within the village	Signals	Village of Poland	#037-2017	4TB7		CMAQ	R	\$ 50,000	2021
								4TB7		CMAQ	P Dtl Dsgn	\$ 105,435	2021
								4TB7		CMAQ	C	\$ 1,348,500	2023
								4TB7		CMAQ	CE	\$ 101,500	2023
								Total:		\$ 1,605,435			
107228	MAH	Youngstown Signal Upgrade	Local	City of Youngstown - upgrade signals along Mahoning Avenue	Signals	City of Youngstown	#037-2017	4TB7		CMAQ	R	\$ 100,000	2021
								4TB7		CMAQ	P Dtl Dsgn	\$ 42,119	2021
								4TB7		CMAQ	C/CE	\$ 1,602,500	2023
								Total:		\$ 1,744,619			
107235	TRU	Warren Signal Upgrade	Local	City of Warren - upgrade signals on various routes within the city	Signals	City of Warren	#037-2017	4TB7		CMAQ	P Dtl Dsgn	\$ 72,135	2021
								4TB7		CMAQ	C	\$ 1,236,150	2022
								4TB7		CMAQ	CE	\$ 137,350	2022
								Total:		\$ 1,445,635			
107236	TRU	County Engineer Truck Replacement	-	Trumbull County - replace diesel maintenance vehicles with CNG vehicles	Vehicle Emission Reduction	Trumbull County Engineer	#037-2017	4TB7		CMAQ	OTH	\$ 880,000	2023
									LNTF	L	OTH	\$ 220,000	2023
								Total:		\$ 1,100,000			

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY	
108547	TRU	SR 46 / 82 DDI	ODOT	Howland Township - construct diverging diamond interchange at SR 46 / SR 82 interchange; replacement of SR 82 structure over SR 46	Intersection Improvement	State	#004-2019 #030-2019 #009-2020		4BC7	S	R	\$ 60,000	2021	
								4HJ7		HSIP	R	\$ 540,000	2021	
									4PS7	SP	P Dtl Dsgn	\$ 100,000	2021	
									4BC7	S	P Dtl Dsgn	\$ 25,000	2021	
									4HJ7	HSIP	P Dtl Dsgn	\$ 225,000	2021	
									4PF7	SP	P Dtl Dsgn	\$ 400,000	2021	
									4TB7	CMAQ	C/CE	\$ 2,500,000	2023	
										4BG7	L	C/CE	\$ 5,750,000	2023
									4PF7	SP	C/CE	\$ 5,100,000	2023	
									4HJ7	HSIP	C/CE	\$ 3,262,500	2023	
										4PS7	SP	C/CE	\$ 1,900,000	2023
										4BC7	S	C/CE	\$ 362,500	2023
									4TA7	STBG	C/CE	\$ 3,000,000	2023	
		LNTF	L	C/CE	\$ 750,000	2023								
Total:												\$ 23,975,000		
108742	MAH	CR 0032 18.11	Local	Boardman Township - widening of Western Reserve Road from Market Street to South Avenue	Major Reconstruction	Mahoning County Engineer	#030-2018 #030-2019 #009-2020	4HJ7		HSIP	R	\$ 1,379,700	2021	
									LNTF	L	R	\$ 153,300	2021	
								4HJ7		HSIP	C/CE	\$ 414,100	2023	
									LNTF	L	C/CE	\$ 41,410	2023	
								4TB7		CMAQ	C/CE	\$ 2,500,000	2023	
									LNTF	L	C/CE	\$ 625,000	2023	
									LNTF	L	C/CE	\$ 4,601	2023	
								4TA7		STBG	C/CE	\$ 2,500,250	2023	
	LNTF	L	C/CE	\$ 625,063	2023									
Total:												\$ 8,243,424		
110187	MAH	Youngstown SMART ² Network	Local	City of Youngstown - resurfacing, streetscaping, and other roadway improvements to seven downtown streets; implementation of autonomous shuttle	Roadway Minor Rehabilitation	City of Youngstown	#012-2019 #029-2019	4D57		BUILD	C/CE	\$ 7,523,437	2021	
								4D57		BUILD	C/CE	\$ 800,000	2021	
								4TA7		STBG	C/CE	\$ 1,374,391	2021	
								4TA7		STBG	C/CE	\$ 575,000	2021	
									4PS7	SP	C/CE	\$ 143,750	2021	
									LNTF	L	C/CE	\$ 4,158,965	2021	
									LNTF	L	C/CE	\$ 1,880,859	2021	
									LNTF	L	C/CE	\$ 343,598	2021	
	LNTF	L	C/CE	\$ 200,000	2021									
Total:												\$ 17,000,000		
110819	MAH	Trailstar	J&C	Smith Township - construct 400 feet of two 11' lanes and install 1600 cu yards of embankment along Bandy Road	New Roadway	Mahoning County Engineer			4JC7	JC	C/CE	\$ 20,925	2021	
Total:												\$ 20,925		
110845	TRU	CR 90 (Pritchard Ohltown Road)	Local	Newton Township - replacing the Pritchard Ohltown Road Bridge over Kale Creek	Bridge	Trumbull County Engineer	#031-2019	4TA7		STBG	P Dtl Dsgn	\$ 12,500	2021	
									LNTF	L	P Dtl Dsgn	\$ 3,125	2021	
								4B87		BRC	C	\$ 753,120	2021	
									LNTF	L	C	\$ 188,280	2021	
								4B87		BRC	CE	\$ 83,680	2021	
									LNTF	L	CE	\$ 20,920	2021	
Total:												\$ 1,061,625		

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
110848	TRU	CR 255 (Orangeville Kinsman)	Local	Vernon Township - replacing the Orangeville Kinsman Road Bridge over stream	Bridge	Trumbull County Engineer	#031-2019	4TA7		STBG	P Dtl Dsgn	\$ 12,500	2022
									LNTF	L	P Dtl Dsgn	\$ 3,125	2022
								4B87		BRC	C	\$ 780,480	2022
									LNTF	L	C	\$ 195,120	2022
								4B87		BRC	CE	\$ 86,720	2022
									LNTF	L	CE	\$ 21,680	2022
Total:											\$ 1,099,625		
111316	MAH	Old Orchard Bridge	Local	Rehabilitation of the Old Orchard Bridge on Chestnut Hill Drive in Mill Creek Park	Bridge	Mill Creek MetroParks	#038-2019	4TA7		STBG	C	\$ 144,000	2021
									LNTF	L	C	\$ 36,000	2021
								4TA7		STBG	CE	\$ 16,000	2021
									LNTF	L	CE	\$ 4,000	2021
Total:											\$ 200,000		
111326	TRU	West Park / East State Street	Local	City of Niles - resurfacing of West Park Avenue from Western Corp Limit to Main Street; East State Street from Main Street to Robbins Avenue	Resurfacing	City of Niles	#038-2019	4TA7		STBG	P Dtl Dsgn	\$ 8,000	2021
									LNTF	L	P Dtl Dsgn	\$ 2,000	2021
								4TA7		STBG	C	\$ 563,939	2024
									LNTF	L	C	\$ 140,985	2024
								4TA7		STBG	CE	\$ 17,441	2024
									LNTF	L	CE	\$ 4,360	2024
Total:											\$ 736,725		
112585	MAH	East Park Hike and Bike Trail (Phase II)	-	Construction of 1660 foot asphalt trail in Mill Creek Park	Trail	Mill Creek MetroParks	#008-2020	4TC7		TAP	C/CE	\$ 136,000	2022
									LNTF	L	C/CE	\$ 34,000	2022
Total:											\$ 170,000		
112586	MAH	Memorial Hike and Bike Trail	-	Canfield Township - construction of trail connecting greenway trail to township park	Trail	Canfield Township	#008-2020	4TC7		TAP	C/CE	\$ 199,300	2023
									LNTF	L	C/CE	\$ 199,480	2023
Total:											\$ 398,780		
112604	MAH	Stavich Trail (Phase I)	-	Village of Lowellville - rehabilitation and improvements to existing Stavich Trail	Trail	Village of Lowellville	#008-2020	4TC7		TAP	C/CE	\$ 215,200	2023
									LNTF	L	C/CE	\$ 53,800	2023
Total:											\$ 269,000		
112605	TRU	Tod Avenue Sidewalks	-	Warren Township - install 986 feet of new sidewalk along Tod Avenue	Sidewalks	Warren Township	#008-2020	4TC7		TAP	C/CE	\$ 92,019	2024
									LNTF	L	C/CE	\$ 23,005	2024
Total:											\$ 115,024		
112606	TRU	Vienna Township Sidewalks	-	Vienna Township - install 2097 feet of new sidewalk along SR 193 and Warren Sharon Road	Sidewalks	Vienna Township	#008-2020	4TC7		TAP	C/CE	\$ 190,266	2022
									LNTF	L	C/CE	\$ 47,566	2022
Total:											\$ 237,832		
112607	TRU	SR 5 Sidewalks (Phase III)	-	Kinsman Township - install 3193 feet of new sidewalk along SR 5	Sidewalks	Kinsman Township	#008-2020	4TC7		TAP	C/CE	\$ 192,177	2023
									LNTF	L	C/CE	\$ 48,044	2023
Total:											\$ 240,221		
112610	TRU	Cemetery Bridge Rehabilitation	-	Newton Township - rehabilitation of cemetery bridge spanning Mahoning River	Bridge	Newton Township	#008-2020	4TC7		TAP	C/CE	\$ 120,400	2024
									LNTF	L	C/CE	\$ 30,100	2024
Total:											\$ 150,500		
112612	TRU	High / Willow Pedestrian Enhancement	-	Howland Township - install 795 feet of new sidewalk along High and Willow	Sidewalks	Howland Township	#008-2020	4TC7		TAP	C/CE	\$ 151,291	2022
									LNTF	L	C/CE	\$ 37,823	2022
Total:											\$ 189,114		
112614	TRU	Myron Street Sidewalks	-	City of Hubbard - install 1000 feet of new sidewalk along Myron Street	Sidewalks	City of Hubbard	#008-2020	4TC7		TAP	C/CE	\$ 132,043	2022
									LNTF	L	C/CE	\$ 33,010	2022
Total:											\$ 165,053		
112618	MAH	Elm Street	-	City of Struthers - resurfacing Elm Street from State Street to 5th Street	Resurfacing	City of Struthers	#009-2020	4TA7		STBG	C/CE	\$ 132,600	2023
									LNTF	L	C/CE	\$ 33,150	2023
Total:											\$ 165,750		

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
112622	MAH	Mahoning Avenue Rehabilitation (Phase I)	Local	City of Youngstown - rehabilitation from Meridian Road to Belle Vista Avenue	Minor Road Rehab	City of Youngstown	#033-2016	4TA7		STBG	P Env	\$ 121,174	2023
									LNTF	L	P Env	\$ 30,294	2023
								4TA7		STBG	P Dtl Dsgn	\$ 30,294	2024
									LNTF	L	P Dtl Dsgn	\$ 7,573	2024
								4TA7		STBG	C/CE	\$ 1,575,267	2025
									LNTF	L	C/CE	\$ 393,817	2025
Total:												\$ 2,158,419	
112623	MAH	Mahoning Avenue Rehabilitation (Phase II)	Local	City of Youngstown - rehabilitation from Belle Vista Avenue to IR 680 bridge	Minor Road Rehab	City of Youngstown	#033-2016	4TA7		STBG	P Env	\$ 81,489	2023
									LNTF	L	P Env	\$ 20,372	2023
								4TA7		STBG	P Dtl Dsgn	\$ 20,372	2024
									LNTF	L	P Dtl Dsgn	\$ 5,093	2024
								4TA7		STBG	C/CE	\$ 1,059,362	2025
									LNTF	L	C/CE	\$ 264,841	2025
Total:												\$ 1,451,529	
112624	MAH	South Avenue	-	Boardman Township - resurfacing from Presidential Drive to Mathews Road	Resurfacing	Mahoning County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 1,044,224	2024
									LNTF	L	C/CE	\$ 261,056	2024
Total:												\$ 1,305,280	
112626	TRU	High / Mahoning	-	City of Warren - resurfacing of High street from Mahoning Avenue to Chestnut Avenue; Mahoning Avenue from South Street to Summit Street	Resurfacing	City of Warren	#009-2020	4TA7		STBG	C/CE	\$ 960,000	2024
									LNTF	L	C/CE	\$ 240,000	2024
Total:												\$ 1,200,000	
112629	TRU	Ellsworth Bailey / Salt Springs	-	Village of Lordstown - resurfacing of Ellsworth Bailey Road from Lyntz Road to Palmyra Road; Salt Springs Road from Highland Avenue to Village Limits	Resurfacing	Village of Lordstown	#009-2020	4TA7		STBG	C/CE	\$ 603,463	2023
									LNTF	L	C/CE	\$ 150,866	2023
Total:												\$ 754,329	
112638	TRU	Goldie Road	-	Liberty Township - resurfacing from SR 193 to Fifth Avenue	Resurfacing	Liberty Township	#009-2020	4TA7		STBG	C/CE	\$ 220,000	2021
									LNTF	L	C/CE	\$ 55,000	2021
Total:												\$ 275,000	
112639	TRU	Fifth Avenue	-	Liberty Township - resurfacing from Goldie Road to City Limits	Resurfacing	Liberty Township	#009-2020	4TA7		STBG	C/CE	\$ 280,000	2022
									LNTF	L	C/CE	\$ 70,000	2022
Total:												\$ 350,000	
112652	TRU	North River Road	-	Warren/Howland Township - resurfacing from Leavitt Road to Elm Road	Resurfacing	Trumbull County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 1,212,000	2024
									LNTF	L	C/CE	\$ 303,000	2024
Total:												\$ 1,515,000	
112653	TRU	Painesville Warren State Road	-	Southington/Farmington Township - resurfacing from SR 534 to Trumbull County Line	Resurfacing	Trumbull County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 966,400	2022
									LNTF	L	C/CE	\$ 241,600	2022
Total:												\$ 1,208,000	
112654	TRU	Hoagland Blackstub Road	-	Bazetta Township - resurfacing from SR 5 to Everett Hull Road	Resurfacing	Trumbull County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 784,000	2022
									LNTF	L	C/CE	\$ 196,000	2022
Total:												\$ 980,000	
112655	TRU	West Park / Austintown Warren	-	Weathersfield Township - resurfacing of West Park Avenue from Austintown Warren Road to Niles City Limits; Austintown Warren Road from Trumbull County Line to Lordstown and Carson Salt Springs Road to Burnett East Road	Resurfacing	Trumbull County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 1,260,000	2024
									LNTF	L	C/CE	\$ 315,000	2024
Total:												\$ 1,575,000	
112656	TRU	Tibbetts Wick Road	-	Liberty Township - resurfacing from US 422 to SR 11	Resurfacing	Trumbull County Engineer	#009-2020	4TA7		STBG	C/CE	\$ 464,000	2024
									LNTF	L	C/CE	\$ 116,000	2024
Total:												\$ 580,000	

PID #	COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	GPB RESOLUTION	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
112658	TRU	Salt Springs Road / East Federal Street	-	City of Niles - resurfacing of Salt Springs Road from City Limits to City Limits; East Federal Street from SR 169 to SR 46	Resurfacing	City of Niles	#009-2020	4TA7		STBG	P Env	\$ 22,400	2022
									LNTF	L	P Env	\$ 5,600	2022
								4TA7		STBG	P Dtl Dsgn	\$ 5,600	2023
									LNTF	L	P Dtl Dsgn	\$ 1,400	2023
								4TA7		STBG	C/CE	\$ 454,822	2024
									LNTF	L	C/CE	\$ 113,705	2024
Total:											\$ 603,527		
112660	TRU	North Road	-	City of Niles - resurfacing from SR 169 to SR 422	Resurfacing	City of Niles	#009-2020	4TA7		STBG	P Env	\$ 32,000	2021
									LNTF	L	P Env	\$ 8,000	2021
								4TA7		STBG	P Dtl Dsgn	\$ 8,000	2021
									LNTF	L	P Dtl Dsgn	\$ 2,000	2021
								4TA7		STBG	C/CE	\$ 460,745	2022
									LNTF	L	C/CE	\$ 115,186	2022
Total:											\$ 625,931		
112661	TRU	Niles Vienna Road / Warren Avenue	-	City of Niles - resurfacing of Niles Vienna Road from SR 46 to SR 422; Warren Avenue from Chestnut Street to City Limits	Resurfacing	City of Niles	#009-2020	4TA7		STBG	P Env	\$ 32,000	2022
									LNTF	L	P Env	\$ 8,000	2022
								4TA7		STBG	P Dtl Dsgn	\$ 8,000	2023
									LNTF	L	P Dtl Dsgn	\$ 2,000	2023
								4TA7		STBG	C/CE	\$ 400,000	2024
									LNTF	L	C/CE	\$ 100,000	2024
Total:											\$ 550,000		

Table 4: FY 2021 - 2024 Projects by Funding Source

PID #	County	Project Name	Total Cost	Main Funding Source	Total Cost in FY 2021	Total Cost in FY 2022	Total Cost in FY 2023	Total Cost in FY 2024
101877	Mahoning	Eastgate FY21 Air Quality	\$ 190,000	Planning	\$ 190,000	\$ -	\$ -	\$ -
101879	Mahoning	Eastgate FY21 Rideshare	\$ 60,000	Planning	\$ 60,000	\$ -	\$ -	\$ -
105728	Mahoning	Eastgate FY21 RTPP	\$ 160,000	Planning	\$ 160,000	\$ -	\$ -	\$ -
106731	Mahoning	Eastgate FY22 RTPP	\$ 160,000	Planning	\$ -	\$ 160,000	\$ -	\$ -
106733	Mahoning	Eastgate FY23 RTPP	\$ 160,000	Planning	\$ -	\$ -	\$ 160,000	\$ -
106734	Mahoning	Eastgate FY22 Air Quality	\$ 190,000	Planning	\$ -	\$ 190,000	\$ -	\$ -
106735	Mahoning	Eastgate FY22 Rideshare	\$ 60,000	Planning	\$ -	\$ 60,000	\$ -	\$ -
106736	Mahoning	Eastgate FY23 Air Quality	\$ 190,000	Planning	\$ -	\$ -	\$ 190,000	\$ -
106737	Mahoning	Eastgate FY23 Rideshare	\$ 60,000	Planning	\$ -	\$ -	\$ 60,000	\$ -
110819	Mahoning	Trailstar	\$ 20,925	JC	\$ 20,925	\$ -	\$ -	\$ -
104607	Mahoning	Hopkins Road Bridge Replacement	\$ 675,000	BRC	\$ 675,000	\$ -	\$ -	\$ -
104613	Trumbull	Warner Road Bridge	\$ 1,399,274	BRC	\$ 1,399,274	\$ -	\$ -	\$ -
110845	Trumbull	CR 90 (Pritchard Ohtown Road)	\$ 1,061,625	BRC	\$ 1,061,625	\$ -	\$ -	\$ -
110848	Trumbull	CR 255 (Orangeville Kinsman)	\$ 1,099,625	BRC	\$ -	\$ 1,099,625	\$ -	\$ -
Other Funding Sources			Total by Funding Source:		\$ 3,566,824	\$ 1,509,625	\$ 410,000	\$ -
80674	Mahoning	Western Reserve Road (Phase I)	\$ 6,785,419	CMAQ	\$ 6,785,419	\$ -	\$ -	\$ -
85005	Mahoning	MetroParks Bikeway (Phase III)	\$ 4,279,875	CMAQ	\$ -	\$ 4,279,875	\$ -	\$ -
99804	Trumbull	Western Reserve Greenway (Phase IV)	\$ 2,586,910	CMAQ	\$ -	\$ 2,586,910	\$ -	\$ -
102541	Trumbull	East Market Street / North Road	\$ 785,662	CMAQ	\$ 785,662	\$ -	\$ -	\$ -
107226	Mahoning	Poland Signal Upgrade	\$ 1,450,000	CMAQ	\$ -	\$ -	\$ 1,450,000	\$ -
107228	Mahoning	Youngstown Signal Upgrade	\$ 1,744,619	CMAQ	\$ 142,119	\$ -	\$ 1,602,500	\$ -
107235	Trumbull	Warren Signal Upgrade	\$ 1,445,635	CMAQ	\$ 72,135	\$ 1,373,500	\$ -	\$ -
107236	Trumbull	County Engineer Truck Replacement	\$ 1,100,000	CMAQ	\$ -	\$ -	\$ 1,100,000	\$ -
Congestion Mitigation / Air Quality			Total by Funding Source:		\$ 7,785,335	\$ 8,240,285	\$ 4,152,500	\$ -
104591	Mahoning	Bridge Painting, Phase II	\$ 1,800,000	STBG	\$ -	\$ 1,800,000	\$ -	\$ -
104612	Trumbull	Reserve Avenue Bridges	\$ 784,712	STBG	\$ -	\$ 784,712	\$ -	\$ -
104619	Trumbull	East Market Street (Warren)	\$ 2,350,000	STBG	\$ 2,350,000	\$ -	\$ -	\$ -
104626	Trumbull	Mecca Street (Cortland)	\$ 985,000	STBG	\$ -	\$ 985,000	\$ -	\$ -
104641	Trumbull	Tibbetts Wick Road (CR-28)	\$ 720,500	STBG	\$ 720,500	\$ -	\$ -	\$ -
104642	Trumbull	Niles Vienna Road (CR 56)	\$ 1,265,000	STBG	\$ -	\$ 1,265,000	\$ -	\$ -
104657	Mahoning	Mahoning Avenue (CR 18)	\$ 2,920,000	STBG	\$ 2,920,000	\$ -	\$ -	\$ -
104658	Mahoning	South Avenue (CR 151)	\$ 1,240,000	STBG	\$ -	\$ 1,240,000	\$ -	\$ -
108547	Trumbull	SR 46 / 82 DDI	\$ 23,975,000	STBG	\$ 1,350,000	\$ -	\$ 22,625,000	\$ -
108742	Mahoning	CR 0032 18.11	\$ 8,243,424	STBG	\$ 1,533,000	\$ -	\$ 6,710,424	\$ -
110187	Mahoning	Youngstown SMART ² Network	\$ 17,000,000	STBG	\$ 17,000,000	\$ -	\$ -	\$ -
111316	Mahoning	Old Orchard Bridge	\$ 200,000	STBG	\$ 200,000	\$ -	\$ -	\$ -
111326	Trumbull	West Park / East State Street	\$ 726,725	STBG	\$ -	\$ -	\$ -	\$ 726,725
112618	Mahoning	Elm Street	\$ 165,750	STBG	\$ -	\$ -	\$ 165,750	\$ -
112624	Mahoning	South Avenue	\$ 1,305,280	STBG	\$ -	\$ -	\$ -	\$ 1,305,280
112626	Trumbull	High / Mahoning	\$ 1,200,000	STBG	\$ -	\$ -	\$ -	\$ 1,200,000
112629	Trumbull	Ellsworth Bailey / Salt Springs	\$ 754,329	STBG	\$ -	\$ -	\$ 754,329	\$ -
112638	Trumbull	Goldie Road	\$ 275,000	STBG	\$ 275,000	\$ -	\$ -	\$ -
112639	Trumbull	Fifth Avenue	\$ 350,000	STBG	\$ -	\$ 350,000	\$ -	\$ -
112652	Trumbull	North River Road	\$ 1,515,000	STBG	\$ -	\$ -	\$ -	\$ 1,515,000
112653	Trumbull	Painesville Warren State Road	\$ 1,208,000	STBG	\$ -	\$ 1,208,000	\$ -	\$ -
112654	Trumbull	Hoagland Blackstub Road	\$ 980,000	STBG	\$ -	\$ 980,000	\$ -	\$ -
112655	Trumbull	West Park / Austintown Warren	\$ 1,575,000	STBG	\$ -	\$ -	\$ -	\$ 1,575,000
112656	Trumbull	Tibbetts Wick Road	\$ 580,000	STBG	\$ -	\$ -	\$ -	\$ 580,000
112658	Trumbull	Salt Springs Road / East Federal Street	\$ 603,527	STBG	\$ -	\$ 28,000	\$ 7,000	\$ 568,527
112660	Trumbull	North Road	\$ 625,931	STBG	\$ 50,000	\$ 575,931	\$ -	\$ -
112661	Trumbull	Niles Vienna Road / Warren Avenue	\$ 550,000	STBG	\$ -	\$ 40,000	\$ 10,000	\$ 500,000
Surface Transportation Block Grant			Total by Funding Source:		\$ 26,398,500	\$ 9,256,643	\$ 30,272,503	\$ 7,970,532
107211	Mahoning	Poland Cemetery Bridge	\$ 208,000	TAP	\$ 208,000	\$ -	\$ -	\$ -
107213	Trumbull	Girard Jr/High School Sidewalks	\$ 98,600	TAP	\$ 98,600	\$ -	\$ -	\$ -
107216	Trumbull	Kinsman Sidewalks Phase 2	\$ 156,200	TAP	\$ 156,200	\$ -	\$ -	\$ -
112585	Mahoning	East Park Hike and Bike Trail (Phase II)	\$ 170,000	TAP	\$ -	\$ 170,000	\$ -	\$ -
112586	Mahoning	Memorial Hike and Bike Trail	\$ 398,780	TAP	\$ -	\$ -	\$ 398,780	\$ -
112604	Mahoning	Stavich Trail (Phase I)	\$ 269,000	TAP	\$ -	\$ -	\$ 269,000	\$ -
112605	Trumbull	Tod Avenue Sidewalks	\$ 115,024	TAP	\$ -	\$ -	\$ -	\$ 115,024
112606	Trumbull	Vienna Township Sidewalks	\$ 237,832	TAP	\$ -	\$ 237,832	\$ -	\$ -
112607	Trumbull	SR 5 Sidewalks (Phase III)	\$ 240,221	TAP	\$ -	\$ -	\$ 240,221	\$ -
112610	Trumbull	Cemetery Bridge Rehabilitation	\$ 150,500	TAP	\$ -	\$ -	\$ -	\$ 150,500
112612	Trumbull	High / Willow Pedestrian Enhancement	\$ 189,114	TAP	\$ -	\$ 189,114	\$ -	\$ -
112614	Trumbull	Myron Street Sidewalks	\$ 165,053	TAP	\$ -	\$ 165,053	\$ -	\$ -
Transportation Alternatives Set Aside			Total by Funding Source:		\$ 462,800	\$ 761,999	\$ 908,001	\$ 265,524

Future Projects

During the development of the FY 2021 - FY 2024 TIP, Eastgate identified the projects in Table 5 below as potential, future transportation improvements for the region. Currently, Eastgate is capable of programming projects for completion in the fiscal years that coincide with the TIP, plus one additional year. This gives Eastgate the ability to program projects in FY 2025. The four projects identified below are currently scheduled for construction to be complete in FY 2025, with the hopes of being completed at an earlier date. The projects shown in Table 5 are not scheduled for any phase implementation prior to FY 2025

Table 5: Future Transportation Projects

COUNTY	ROUTE	LETTING	LOCATION AND TERMINI	DESCRIPTION	SPONSOR	SAC FEDERAL	SAC NON FEDERAL	FUNDING SOURCE	PHASE	COST	FY
MAH	Center Road	Local	City of Struthers - resurfacing Center Road from Lowellville Road to Clingan Road	Resurfacing	City of Struthers	4TA7		STBG	C/CE	\$ 134,300	2025
							LNTF	L	C/CE	\$ 33,575	2025
						Total:		\$ 167,875			
TRU	Park Avenue	Local	City of Warren - resurfacing from South Street to Ivanhoe Avenue	Resurfacing	City of Warren	4TA7		STBG	C/CE	\$ 960,000	2025
							LNTF	L	C/CE	\$ 240,000	2025
						Total:		\$ 1,200,000			
TRU	Hallock Young Road	Local	Village of Lordstown - resurfacing from Ellsworth Bailey Road to SR 45	Resurfacing	Village of Lordstown	4TA7		STBG	C/CE	\$ 1,496,902	2025
							LNTF	L	C/CE	\$ 374,226	2025
						Total:		\$ 1,871,128			
TRU	Trumbull Avenue / West Liberty Street	Local	Weathersfield Township - resurfacing of Trumbull Avenue from Girard City Limits to SR 193; West Liberty Street from Four Mile Run Road to Girard City Limits	Resurfacing	Trumbull County Engineer	4TA7		STBG	C/CE	\$ 564,000	2025
							LNTF	L	C/CE	\$ 141,000	2025
						Total:		\$ 705,000			

ODOT SAC Codes

The Ohio Department of Transportation identifies each funding source for a project by a Standard Administrative Code (SAC) to assure the proper funding source is being applied. Table 6 lists the current ODOT Capital Program SAC Codes for use by all the agencies involved with the funding of transportation projects.

Table 6 - ODOT Capital Program SAC Codes

STIP Fund Group	SAC Code	SAC Name	Capital Program Line Name	Fund Type Name
Discretionary / Earmark	4D37	F - Other APD	APD - Local Access Roads	Federal
Emergency	4BY7	F - Emergency Construction	Emergency	Federal
Local	LNTP	O - Local Not Traditional Projects - Local Share	Local Let Match LNTP	Local Match
Local	4BG1	O - Local Gov't Matches - Personal Service	Traditional Programs Match	Local Match
Local	4BG2	O - Local Gov't Match - Maint	Traditional Programs Match	Local Match
Local	4BG3	O - Local Gov't match - Equipment	Traditional Programs Match	Local Match
Local	4BG6	O - Local Gov't OPWE Issue 2	Traditional Programs Match	Local Match
Local	4BG7	O - Local Gov't Match	Traditional Programs Match	Local Match
Local	4BG9	O - Local Gov't Reimburse.	Traditional Programs Match	Local Match
FLAP	4AL7	F - Federal Lands Access Program	Forest Highways	Federal
Local Programs	4B77	F - County Engineer's Association	County STP	Federal
Local Programs	4HB7	F - CEAO HSIP	CEAO HSIP	Federal
Local Programs	4B87	F - Local Bridge - County	County Bridge	Federal
Local Programs	5BP7	F - County Brdg Part Prgm	County Bridge Part Prgm	Federal
Local Programs	4R87	F - Local Bridge - Municipal	Municipal Bridge	Federal
Local Programs	4HC7	F - Local Major / High Cost Bridge	Local Maj/High Cost Bridge	Federal
Local Programs	4B97	F - Small Cities	Small Cities	Federal
Local Programs	4B37	F - Enhancements	Enhancements	Federal
Local Programs	4B32	F - Enhancements Maintenance	Enhancements Maintenance	Federal
Local Programs	4SC7	F - Safe Route to School	Safe Route to School	Federal
Local Programs	4SC2	F - Safe Rte to School - Materials	Safe Route to School Mtrls	Federal
Major Rehab	4BK7	F - Major & New Construction	Major New	Federal
Major Rehab	4PX7	F - Portsmouth Bypass - Construction	Public/Private Partnership - Portsmouth	Federal
Major Rehab	4RC7	F - Multi-Lane / Major Rehab	Multi-Lane Major Rehab	Federal
Major Rehab	7PM7	B - Multi-Lane / Major Rehab (Garvee)	Major Rehab Garvee Bond	Federal
Major Rehab	5MT7	F - Major 2 / Major Rehab	2-Lane Major Rehab	Federal
Major Rehab	4BU7	F - Major Bridge	Major Bridge	Federal
Major Rehab	7MB7	B - Major Bridge (Garvee)	Major Bridge Garvee Bond	Federal
MPO Capital	4TA7	F - MPOs & Large Cities - STP	MPOs - STP, CMAQ, Enh	Federal
MPO Capital	4TB7	F - MPOs - CMAQ	MPOs - STP, CMAQ, Enh	Federal

MPO Capital	4TC7	F - MPOs - ENH	MPOs - STP, CMAQ, Enh	Federal
MPO Planning	4TE7	F - MPO Planning - CMAQ	MPO Planning	Federal
MPO Planning	4TD7	F - MPO Planning STP	MPO Planning	Federal
MPO Planning	4MC7	F - MPO Planning Study	MPO Planning	Federal
National Highway Freight	4NF7	F - National Highway Freight	National Highway Freight	Federal
National Highway Freight	5FE7	F - National Highway Freight Rail	National Highway Freight Rail	Federal
National Highway Freight	5NF7	F - National Highway Freight Modal	National Highway Freight Modal	Federal
Other	5PI7	F - Project Impact Advisory Council	PIAC	Federal
Other	5BV7	F - Noise Walls	Noisewalls	Federal
Other	4SF7	F - Slips, Slides, Mine Subsidence	Geologic Site Management	Federal
Other	4B47	F - Statewide Miscellaneous	Statewide Miscellaneous	Federal
Other	4NG5	F - Diesel Emissions Reduction - Subsidy	Diesel Emissions Reduction Grant	Federal
Other	4RE5	F - DBE & OJT/SS Programs - Subsidy	DBE	Federal
Other	4JT1	F - OJT/SS - Personal Service	DBE & OJT/SS Program	Federal
Other	4JT5	F - OJT/SS - Subsidy	DBE & OJT/SS Program	Federal
Preservation	4PF7	F - District Preservation	District Preservation (Pv & Br)	Federal
Rail	4FN7	F - Railroad Grade Crossing Pavements	Railroad Crossing Safety	Federal
Rail	4FP7	F - Railroad Crossing Improvements	Railroad Crossing Safety	Federal
Safety	4HJ7	F - Safety HSIP	Safety HSIP Federal	Federal
Safety	4HJ2	F - Safety HSIP Materials	Safety HSIP Materials	Federal
Safety	4HJ3	F - Safety HSIP Equipment	Safety HSIP Equipment	Federal
Safety	4HJM	F - Safety - HSIP Per Srv	Safety HSIP Personal Services	Federal
SIB	6PA9	F - SIB - Debt Service/002 - Garvee	SIB - Debt Service - Garvee	Federal
State	4CP7	S - Maintenance Contracts	District Maintenance Contracts	State
State	4PS7	S - District Preservation	District Preservation (Pv & Br)	State
State	4BD7	S - Major & New Construction	Major New	State
State	4PU7	S - Portsmouth Bypass - Construction	Public/Private Partnership - Portsmouth	State
State	4PW7	S - Portsmouth Bypass - TIFIA/Financing	Public/Private Partnership - Portsmouth	State
State	4RA7	S - Multi-Lane / Major Rehab	Multi-Lane Major Rehab	State
State	7RAB	B - Multi-Lane / Major Rehab	Multi-Lane Major Rehab	Bonds
State	4MT7	S - Major 2 / Major Rehab	2-Lane Major Rehab	State

State	4BC7	S - Safety Upgrading	Safety	State
State	4BC2	S - Safety Upgrading - Maintenance	Safety	State
State	4BC3	S - Safety Upgrading Equipment	Safety	State
State	4BCM	S - Safety Upgrading Personal Services	Safety	State
State	4SN7	S - TSMO/SAFETY CAPITAL	Safety TSMO	State
State	4BT7	S - Major Bridge	Major Bridge	State
State	7BTB	B - Major Bridge	Major Bridge	Bonds
State	4AC7	S - ADA Facilities	ADA	State
State	4PI7	S - Project Impact Advisory Council	PIAC	State
State	4BR7	S - Rest Areas	Rest Areas	State
State	4BV7	S - Noise Walls	Noisewalls	State
State	4BF2	S - Parks - ODNR - Materials	Parks	State
State	4BF7	S - Parks ODNR	Parks	State
State	4BF9	S - Parks ODNR Reimbursement	Parks	State
State	4BW2	S - Parks - Metro - Materials	Parks	State
State	4BW7	S - Parks Metro	Parks	State
State	4SS7	S - Slips, Slides, Mine Subsidence	Geologic Site Management	State
State	4BX7	S - Statewide miscellaneous	Statewide Miscellaneous	State
State	4RW7	S - Unrestricted State Revenue	Unrestricted State Revenue	State
State	4JC7	S - Jobs and Commerce	Jobs and Commerce	State
State	4TM7	S - Transportation Improvement	TID	State
State	4PP7	S - Public/Private Partnership	Drive Ohio	State
State	4UA2	S - Unmanned Aerial - Supplies	Unmanned Aerial	State
State	4UA7	S - Unmanned Aerial	Unmanned Aerial	State
State	4UA3	S - Unmanned Aerial - Equipment	Unmanned Aerial	State
State	4UA1	S - Unmanned Aerial - Payroll	Unmanned Aerial	State
State	4UAM	S - Unmanned Aerial - PSC	Unmanned Aerial	State
State	4C87	S - Local Bridge - County	County Bridge	State
State	4SH7	S - LOCAL OIL & SHALE	Local Oil and Shale	State
State	4SR7	S - Structure Damage Repair	Emergency - Damage Repair	State
State	4IS7	S - Intelligent Traffic Systems	ITS	State
State	6PB9	S - SIB - Debt Service/002 - Garvee	SIB - Debt Service - Garvee	State

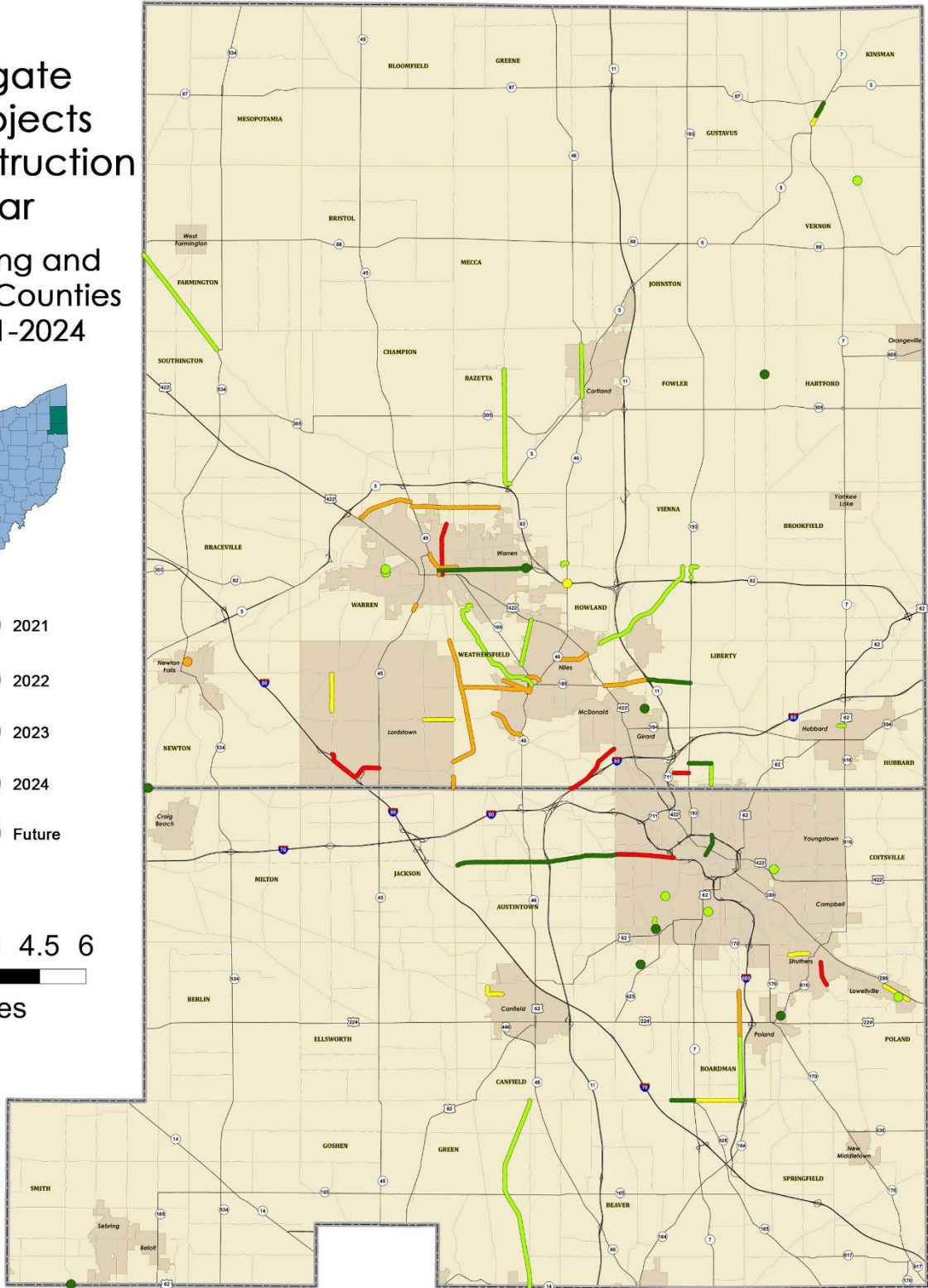
Figure 1: FY 2021 - 2024 Projects by Construction Year

Eastgate TIP Projects by Construction Year

Mahoning and Trumbull Counties FY 2021-2024



- 2021
- 2022
- 2023
- 2024
- Future



3-2020

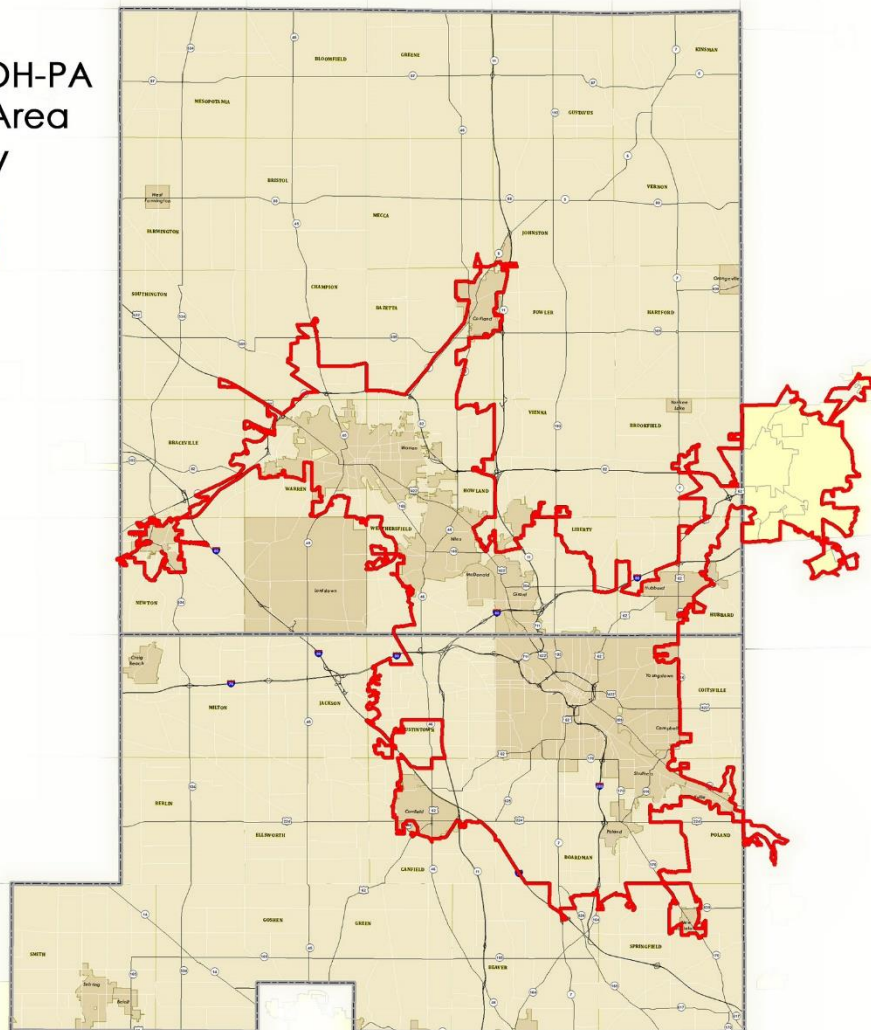
Chapter 3 - Transit Improvements

The Eastgate urbanized area, with a population in excess of 200,000, is a designated Transportation Management Area in accordance with 49 U.S.C. Section 5305(a). As a TMA the area is eligible to receive Urbanized Area Formula Grant Program funding, administered by the U.S. Department of Transportation's Federal Transit Administration (FTA). FTA funds are allocated to urbanized areas to subsidize capital and planning costs associated with providing mass transit services. In urbanized areas with populations greater than 200,000, the funds are apportioned directly to the certified FTA designated recipients in the urbanized area.

Eastgate's urbanized area is referred to as the Youngstown, OH-PA Urban Area since the 2000 Census. Prior to the 2000 Census, the urban area was called the Youngstown-Warren Urbanized Area. The Bureau of the Census establishes the urban areas every ten years by identifying concentrations of urban populations and densities, within a census tract or block. The map below illustrates the Youngstown, OH-PA 2010 Urban Area Boundary.

Figure 2: Urban Area Boundary

Figure 2
Youngstown OH-PA
2010 Urban Area
Boundary



In the Ohio portion of the bi-state urban area, the Western Reserve Transit Authority (WRTA) and the City of Warren are the certified designated recipients of federal transit funding since February 13, 1975. The City of Warren has not applied for federal transit financial assistance since December 1967. In 2009, FTA requested each MPO to reaffirm the authorized "Designated Recipients" of FTA Urbanized Area Formula Programs in their urban areas. On January 25, 2010, Eastgate prepared General Policy Board Resolution #063-2009 stating that the Western Reserve Transit Authority and the City of Warren re-affirmed and accepted their "Designated Recipient" status to be eligible grantee's who apply for FTA Urbanized Area Formula Funding.

The city of Warren in March 2001 authorized the city of Niles as a "designated sub-recipient" to apply for federal transit funding to operate transit services in Trumbull County. The city of Niles managed the operations of Niles Trumbull Transit System (NiTTS) from September 15, 2003 until January 7, 2012. Currently, the city of Niles no longer assumes the grantee role of "designated sub-recipient status" of federal transit funding for Trumbull County.

The city of Warren terminated the arrangement of "designated sub-recipient" with the city of Niles on December 14, 2011, which was recorded in Warren's Ordinance Number 12376/11. The city of Warren also integrated in this ordinance that the Trumbull County Transit Board (TCTB) would assume the grantee role of "designated sub-recipient status" of federal transit funding for Trumbull County. The legal documentation on the transit transition continued as the Trumbull County Commissioners formed the TCTB on July 27, 2011. This board was formed in accordance with the Ohio Revised Code Sections 306.01 through 306.13, and is recorded in the Trumbull County Commission's Journal - Volume 136, Page 16099. The TCTB on December 28, 2011, assumed the existing contract that the city of Niles had with a private sector provider to provide transit services in Trumbull County. The TCTB would therefore manage a demand response transit system in Trumbull County similar to NiTTS. The transit system in Trumbull County is now referred to as Trumbull County Transit System (TCTS).

On October 9, 2019, the City of Warren submitted a request to the Ohio Department of Transportation Office of Transit to begin the process with terminating their designation, pursuant to 49 USC Section 5307 Urbanized Area Formula Grant Programs. The City of Warren and Participating Communities who provided local match to the FTA Section 5307 recognize the importance of one regional transit system for Trumbull and Mahoning counties to bring an efficient and cost-effective transit system to the region. The participating communities and the Trumbull County Commissioners are supportive to regionalize transit services for the region.

As part of the re-designation process, Eastgate prepared General Policy Board Resolution #036-2019 to concur with the City of Warren to terminate their Designated Recipient Status of FTA Section 5307 Urbanized Area Formula Grant Programs. Currently, the re-designation process is pending approval from the State of Ohio.

Once the re-designation process is approved the TCTB will no longer be able to utilize FTA Section 5307 funding. The WRTA is currently the designated grant recipients of Federal Transit Administration (FTA) Urbanized Area Formula Grant Programs in the Ohio portion of the urban area for Mahoning County and in the near future for Trumbull County once the re-designation process is finalized by the State Of Ohio. On the Pennsylvania side of the urban area, the city of Sharon is the designated recipient of FTA Urbanized Area Formula Grant Programs. The Shenango Valley Shuttle Service (SVSS) operates transit services in Mercer County on behalf of the city of Sharon.

In order to ensure that FTA Section 5307 urban area funding allocations are dispersed in an equitable matter, Eastgate continues to work with all planning partners: the Mercer County Regional Planning Commission (MCRPC), the transit agencies, two FTA offices, two DOT's, and local officials to expedite transit funding splits between eligible FTA designated recipients in the urban area. The transit capital projects listed in Eastgate's FY2021-2024 TIP are only for the Western Reserve Transit Authority. The TCTB is under review of FTA eligibility and is not included in this TIP, as a result of not meeting fiscal constraint. On the Pennsylvania side of the urban area, the Mercer County Regional Planning Commission includes transit capital projects for the SVSS.

Eastgate and the MCRPC have a Memorandum of Understanding (MOU) in place since January 31, 2003, to coordinate and incorporate the 3-C planning process in the Youngstown, OH-PA urban area. The MOU was implemented to define the roles and responsibilities of the two Metropolitan Planning Organizations in a bi-state urban area. This MOU is still in effect for the Youngstown, OH-PA urban area. Due to the re-designation of FTA grant programs in Ohio, Eastgate, FTA, ODOT, and our planning partners in Pennsylvania are reviewing the transit impacts to administer FTA transit allocations appropriated for the bi-state urban area.

Eastgate will continue to work with all eligible entities for the distribution and programming of FTA Urbanized Area Formula Grant Programs in the Youngstown, OH-PA urban area. As necessary, the TIP will be amended according to all applicable federal and state regulatory planning requirements for current and future transit agencies operating in the bi-state urban area.

The WRTA's total federal and state funding request for capital and operating improvements are detailed in Table 7.

Financial Capacity Statement

All transit grantees that request federal and state transit funding are required to provide a five-year financial plan to Eastgate. Eastgate uses a grantee's financial plan documentation to determine fiscal constraint in their request for federal and state transit capital investments. Eastgate prepares the Financial Capacity Table (FCT) in-consultation with the transit operators for all transit improvements that are programmed in the FY2021-2024 TIP. The overall financial condition of the transit agency's ability to execute transit projects in the urban area is detailed in Table 8 for WRTA. As mentioned earlier, the TCTB does not meet fiscal constraint for capital project and is not included in this TIP.

The WRTA's FCT is detailed in Table 8. As noted in the table, WRTA has a local dedicated sales tax which funds the majority of their operating expenses. The transit system also receives additional funding sources to support operating expenses. These additional funding sources include investment income, fare-box revenue, wage attachment fees, advertising revenue, rental income, and grants from ODOT's Office of Transit.

Eastgate's Transit Development Program

All capital improvements for transit services operating in Mahoning and Trumbull counties that receive federal and state funding are documented in Eastgate's Transit Development Program (TDP). This document is updated every year in-consultation with the local transit providers to encompass a five-year transit planning horizon. The TDP identifies current transit changes taking place in the Ohio portion of the urban area. The TDP serves as short range planning document that justifies a transit grantees request for programming transit capital projects in Eastgate's TIP, the Metropolitan Transportation Plan (MTP),

as well as documenting the financial stability of a grantee's ability to maintain and operate federally funded transit capital projects.

FTA Section 5310 - Enhanced Mobility of Senior and Individuals with Disabilities *Transportation Program for the Elderly and Disabled*

With the passage of MAP-21 this program was changed for urbanized areas greater than 200,000 in population. Eastgate in-conjunction with our federal, state, and local transit agencies continues to assess the transit agencies with the funding impacts and implementation of this program in a bi-state region. On January 22, 2015, the Governor of the State of Ohio approved the WRTA as the "Designated Recipient" for Mahoning County's portion of the FTA 49 U.S.C. Section 5310 funding allocations in the Youngstown, OH-PA Urban Area, and approved the TCTB as the "Designated Recipient" for Trumbull County's portion of Section 5310 funding allocations. The Governor of the State of Pennsylvania on November 1, 2013, designated the Pennsylvania Department of Transportation (PennDot), as the "Designated Recipient" of the Section 5310 funding allocation that represents the PA funding allocations for the Youngstown, OH-PA Urban Area.

In December 2019, the WRTA's Board of Trustees signed a resolution to return the FTA Section 5310 - Enhanced Mobility of Seniors and Individuals with Disabilities Formula Grant Program designation for Mahoning County's allocation back to the Ohio Department of Transportation Office of Transit.

As part of the re-designation process, Eastgate prepared General Policy Board Resolution #004-2020 to concur with the WRTA to terminate their Designated Recipient Status of FTA Section 5310 Formula Grant Program. Currently, the re-designation process is pending approval from the State of Ohio.

Once the re-designation process is approved, the Ohio Department of Transportation Office of Transit will administer these funds in-accordance with FTA rules and regulations for Mahoning County's share of FTA's Section 5310 funding allocations. The TCTB's designation for FTA Section 5310 has not changed for Trumbull County in the Ohio portion of the urban area during the development of this TIP. On the Pennsylvania side of the urban area, their designations remain the same.

Eastgate will continue to collaborate with ODOT, FTA, and the transit systems operating in the bi-state urban area on the administration and implementation of the FTA's Section 5310 Grant Programs.

Environmental Justice for Public Transit

The United States Department of Transportation has issued a final order on Environmental Justice (EJ) that requires all Metropolitan Planning Organizations, such as Eastgate, to identify and address disproportionately high and adverse public health and environmental effects of transportation policies, programs, and activities on minority and low-income populations. The EJ methodology and documentation filter for public transit systems in Eastgate's urban area were updated using the latest U.S. Department of Commerce Bureau of Census - American Community Survey 5-year Estimates and are referenced at the end of Chapter 3.

Table 7: WRTA Projects

PID	Grantee Primary County	Grantee Agency Long Name	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	SUM Adjusted Total Amount (with TDC) for S/TIP Period	Fund Detail Code	Fund Detail Description	STIP Fund Group	Air Quality Indicator	ALI	*Total Project Cost
111769	MAH	Western Reserve Transit Authority	2021	Buy Replacements - Bus < 30 FT	Bus Rolling Stock	Bus Replacement	4 LTVs	\$332,800	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.12.04	\$416,000
111769								\$83,200	LNTF	Non Traditional Local Match	Local	Exempt	11.12.04	\$416,000
104475	MAH	Western Reserve Transit Authority	2021	Lease - Replacement - Rebuild Spare Parts / Assoc. Capital Maintenance Items	Bus Rolling Stock	Misc Capital Items	Misc. Projects/Shop Equipment: Tire Lease, ADP Hardware, ADP Software, Fare Collection Equipment, Staff Support Vehicles Qty 2, Renovate Adm/Maint Facility	\$72,606	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.16.40	\$1,726,367
104475								\$18,152	LNTF	Non Traditional Local Match	Local	Exempt	11.16.40	\$1,726,367
104475	MAH	Western Reserve Transit Authority	2021	Acquisition - ADP Hardware	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Tire Lease, ADP Hardware, ADP Software, Fare Collection Equipment, Staff Support Vehicles Qty 2, Renovate Adm/Maint Facility	\$20,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.07	\$1,726,367
104475								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.07	\$1,726,367
104475	MAH	Western Reserve Transit Authority	2021	Acquisition - ADP Software	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Tire Lease, ADP Hardware, ADP Software, Fare Collection Equipment, Staff Support Vehicles Qty 2, Renovate Adm/Maint Facility	\$8,487	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.08	\$1,726,367
104475								\$2,122	LNTF	Non Traditional Local Match	Local	Exempt	11.42.08	\$1,726,367
111775	MAH	Western Reserve Transit Authority	2021	Acquisition - ADP Software	Bus Support Equip / Facilities	Schedule Software	Paratransit Scheduling Software	\$200,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.08	\$250,000
111775								\$50,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.08	\$250,000
104475	MAH	Western Reserve Transit Authority	2021	Acquisition - Support Vehicles	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Tire Lease, ADP Hardware, ADP Software, Fare Collection Equipment, Staff Support Vehicles Qty 2, Renovate Adm/Maint Facility	\$80,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.11	\$1,726,367
104475								\$20,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.11	\$1,726,367
104475								\$1,200,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.44.03	\$1,726,367
104475								\$300,000	LNTF	Non Traditional Local Match	Local	Exempt	11.44.03	\$1,726,367
104477	MAH	Western Reserve Transit Authority	2021	Rehab / Renovation - Admin / Maint Facility	Bus Support Equip / Facilities	Bus & Bus Facilities	Bus and Bus Facilities	\$484,400	5339/0002	Bus & Bus Facilities	5339- Bus & Bus Facilities	Exempt	11.44.03	\$605,500
104477								\$121,100	LNTF	Non Traditional Local Match	Local	Exempt	11.44.03	\$605,500

PID	Grantee Primary County	Grantee Agency Long Name	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	Project Description	Fund Detail Code	Fund Detail Description	STIP Fund Group	Air Quality Indicator	ALI	*Total Project Cost
111785	MAH	Western Reserve Transit Authority	2021	Real Estate (R/W - Acquisition)	Other Capital Items (Bus)	Property Acquisition	Property Acquisition	\$200,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.75.91	\$250,000
111785								\$50,000	LNTF	Non Traditional Local Match	Local	Exempt	11.75.91	\$250,000
104471	MAH	Western Reserve Transit Authority	2021	Other Capital Items (Bus - Preventive Maintenance)	Other Capital Items (Bus)	Capital Maintenance	Capitalized Maintenance - STP funds only are a flex fund transfer through the Urban Transit Program	\$550,000	M240	STP FLEXIBLE	Flex Transfer	Exempt	11.7A.00	\$2,910,476
104471								\$1,778,381	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7A.00	\$2,910,476
104471								\$444,595	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
104471								\$137,500	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
104468	MAH	Western Reserve Transit Authority	2021	Other Capital Items (Bus - Non Fixed Route ADA Paratransit)	Other Capital Items (Bus)	ADA Service	ADA	\$372,240	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7C.00	\$465,300
104468								\$93,060	LNTF	Non Traditional Local Match	Local	Exempt	11.7C.00	\$465,300
104466	MAH	Western Reserve Transit Authority	2021	Operating Assistance up to 50% Federal Share	Operating Assistance	Operating Assistance	Operating	\$2,056,119	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	30.09.01	\$4,112,238
104466								\$2,056,119	LNTF	Non Traditional Local Match	Local	Exempt	30.09.01	\$4,112,238
104470	MAH	Western Reserve Transit Authority	2021	Operating Assistance up to 50% Federal Share	Operating Assistance	Enhanced Mobility	Projects for 5310 Enhanced Mobility	\$248,000	5310	Specialized Programs (Rural/Urban)	5310- Specialized Program (Large Urban)	Exempt	30.09.01	\$310,000
104470								\$62,000	LNTF	Non Traditional Local Match	Local	Exempt	30.09.01	\$310,000
104467	MAH	Western Reserve Transit Authority	2021	Short Range Transportation Planning	Other Program Costs	Planning	Planning	\$96,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	44.24.00	\$120,000
104467								\$24,000	LNTF	Non Traditional Local Match	Local	Exempt	44.24.00	\$120,000
111901	MAH	Western Reserve Transit Authority	2022	Buy Replacements - Bus 30 FT	Bus Rolling Stock	Bus & Bus Facilities	Bus and Bus Facilities	\$484,400	5339/0002	Bus & Bus Facilities	5339- Bus & Bus Facilities	Exempt	11.12.03	\$605,500
111901								\$121,100	LNTF	Non Traditional Local Match	Local	Exempt	11.12.03	\$605,500
111907	MAH	Western Reserve Transit Authority	2022	Buy Replacements - Bus < 30 FT	Bus Rolling Stock	Bus Replacement	LTV Replacement	\$504,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.12.04	\$630,000
111907								\$126,000	LNTF	Urban Formula Program	Local	Exempt	11.12.04	\$630,000

PID	Grantee Primary County	State Fiscal Year	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	Project Description	Fund Detail Code	Fund Detail Description	STIP Fund Group	Air Quality Indicator	ALI	*Total Project Cost
111910	MAH	Western Reserve Transit Authority	2022	Buy Replacements - Vans	Bus Rolling Stock	Van Replacement	Van Replacement	\$113,600	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.12.15	\$142,000
111910								\$28,400	LNTF	Non Traditional Local Match	Local	Exempt	11.12.15	\$142,000
111879	MAH	Western Reserve Transit Authority	2022	Lease - Replacement - Rebuild Spare Parts / Assoc. Capital Maintenance Items	Bus Rolling Stock	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$72,606	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.16.40	\$441,367
111879								\$18,152	LNTF	Non Traditional Local Match	Local	Exempt	11.16.40	\$441,367
111879	MAH	Western Reserve Transit Authority	2022	Engineering & Design - Admin / Maint Facility	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$120,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.41.03	\$441,367
111879								\$30,000	LNTF	Non Traditional Local Match	Local	Exempt	11.41.03	\$441,367
111879	MAH	Western Reserve Transit Authority	2022	Acquisition - Shop Equipment	Bus Support Equip / Facilities	Misc. Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000	5307	Urban Formula Program	5307-Urban Formula Program	Exempt	11.42.06	\$441,367
111879								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.06	\$441,367
111879	MAH	Western Reserve Transit Authority	2022	Acquisition - ADP Hardware	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.07	\$416,366
111879								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.07	\$416,366
111879	MAH	Western Reserve Transit Authority	2022	Acquisition - ADP Software	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$8,487	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.08	\$416,366
111879								\$2,122	LNTF	Non Traditional Local Match	Local	Exempt	11.42.08	\$416,366
111879	MAH	Western Reserve Transit Authority	2022	Acquisition - Support Vehicles	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$112,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.11	\$416,366
111879								\$28,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.11	\$416,366
111851	MAH	Western Reserve Transit Authority	2022	Other Capital Items (Bus - Preventive Maintenance)	Other Capital Items (Bus)	Capital Maintenance	Capitalized Maintenance - STBG funds only are a flex fund transfer through the Urban Transit Program	\$550,000	M230/049	YOUNGSTOWN	Flex Transfer	Exempt	11.7A.00	\$2,910,476
111851	MAH	Western Reserve Transit Authority	2022	Other Capital Items (Bus - Preventive Maintenance)	Other Capital Items (Bus)	Capital Maintenance	Capitalized Maintenance - STBG funds only are a flex fund transfer through the Urban Transit Program	\$1,778,381	M230/049	YOUNGSTOWN	Flex Transfer	Exempt	11.7A.00	\$2,910,476
111851								\$137,500	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
111851								\$444,595	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
111849	MAH	Western Reserve Transit Authority	2022	Other Capital Items (Bus - Non Fixed Route ADA Paratransit)	Other Capital Items (Bus)	ADA Service	ADA	\$372,240	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7C.00	\$465,300
111849								\$93,060	LNTF	Non Traditional Local Match	Local	Exempt	11.7C.00	\$465,300

PID	Grantee Primary County	State Fiscal Year	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	Project Description	Fund Detail Code	Fund Detail Description	Fund Detail Des	Air Quality Indicator	ALI	*Total Project Cost
111835	MAH	Western Reserve Transit Authority	2022	Operating Assistance up to 50% Federal Share	Operating Assistance	Operating Assistance	Operating	\$2,056,119	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	30.09.01	\$4,112,238
111835								\$2,056,119	LNTF	Non Traditional Local Match	Local	Exempt	30.09.01	\$4,112,238
111846	MAH	Western Reserve Transit Authority	2022	Short Range Transportation Planning	Planning	WRTA 2022 Planning	Planning	\$104,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	44.24.00	\$130,000
111846								\$26,000	LNTF	Non Traditional Local Match	Local	Exempt	44.24.00	\$130,000
111944	MAH	Western Reserve Transit Authority	2023	Buy Replacements - Bus 30 FT	Bus Rolling Stock	Bus & Bus Facilities	Bus and Bus Facilities	\$484,400	5339/0002	Bus & Bus Facilities	5339- Bus & Bus Facilities	Exempt	11.12.03	\$605,500
111944								\$121,100	LNTF	Non Traditional Local Match	Local	Exempt	11.12.03	\$605,500
111945	MAH	Western Reserve Transit Authority	2023	Buy Replacements - Vans	Bus Rolling Stock	Bus Replacement	LTV Replacement	\$593,600	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.12.15	\$742,000
111945								\$148,400	LNTF	Non Traditional Local Match	Local	Exempt	11.12.15	\$742,000
111941	MAH	Western Reserve Transit Authority	2023	Lease - Replacement - Rebuild Spare Parts / Assoc. Capital Maintenance Items	Bus Rolling Stock	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$72,606	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.16.40	\$301,367
111941								\$18,152	LNTF	Non Traditional Local Match	Local	Exempt	11.16.40	\$301,367
111941	MAH	Western Reserve Transit Authority	2023	Engineering & Design - Admin / Maint Facility	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$120,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.41.03	\$301,367
111941								\$30,000	LNTF	Non Traditional Local Match	Local	Exempt	11.41.03	\$301,367
111941	MAH	Western Reserve Transit Authority	2023	Acquisition - Shop Equipment	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.06	\$301,367
111941								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.06	\$301,367
111941	MAH	Western Reserve Transit Authority	2023	Acquisition - ADP Hardware	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.07	\$301,367
111941								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.07	\$301,367
111941	MAH	Western Reserve Transit Authority	2023	Acquisition - ADP Software	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$8,487	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.08	\$301,367
111941								\$2,122	LNTF	Non Traditional Local Match	Local	Exempt	11.42.08	\$301,367
111937	MAH	Western Reserve Transit Authority	2023	Other Capital Items (Bus - Preventive Maintenance)	Other Capital Items (Bus)	Capital Maintenance	Capitalized Maintenance - STBG funds only are a flex fund transfer through the Urban Transit Program	\$550,000	M230/049	YOUNGSTOWN	Flex Transfer	Exempt	11.7A.00	\$2,910,476
111937								\$1,778,381	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7A.00	\$2,910,476

PID	Grantee Primary County	State Fiscal Year	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	Project Description	Fund Detail Code	Fund Detail Description	Fund Detail Description	Air Quality Indicator	ALI	*Total Project Cost
111937								\$137,500	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
111937								\$444,595	LNTF	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
111920	MAH	Western Reserve Transit Authority	2023	Other Capital Items (Bus - Non Fixed Route ADA Paratransit)	Other Capital Items (Bus)	ADA Service	ADA	\$372,240	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7C.00	\$465,300
111920								\$93,060	LNTF	Non Traditional Local Match	Local	Exempt	11.7C.00	\$465,300
111916	MAH	Western Reserve Transit Authority	2023	Operating Assistance up to 50% Federal Share	Operating Assistance	Operating	Operating	\$2,056,119	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	30.09.01	\$4,112,238
111916								\$2,056,119	LNTF	Non Traditional Local Match	Local	Exempt	30.09.01	\$4,112,238
111917	MAH	Western Reserve Transit Authority	2023	Short Range Transportation Planning	Planning	WRTA 2023 Planning	Planning	\$104,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	44.24.00	\$130,000
111917								\$26,000	LNTF	Non Traditional Local Match	Local	Exempt	44.24.00	\$130,000
111967	MAH	Western Reserve Transit Authority	2024	Buy Replacements - Bus 30 FT	Bus Rolling Stock	Bus & Bus Facilities	Bus and Bus Facilities	\$484,400	5339/0002	Bus & Bus Facilities	5339- Bus & Bus Facilities	Exempt	11.12.03	\$605,500
111967								\$121,100	LNTF	Non Traditional Local Match	Local	Exempt	11.12.03	\$605,500
111969	MAH	Western Reserve Transit Authority	2024	Buy Replacements - Vans	Bus Rolling Stock	MMV Replacement	Modified Minivan Replacement	\$77,040	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.12.15	\$96,300
111969								\$19,260	LNTF	Non Traditional Local Match	Local	Exempt	11.12.15	\$96,300
111964	MAH	Western Reserve Transit Authority	2024	Lease - Replacement - Rebuild Spare Parts / Assoc. Capital Maintenance Items	Bus Rolling Stock	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$72,606	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.16.40	\$359,867
111964								\$18,152	LNTF	Non Traditional Local Match	Local	Exempt	11.16.40	\$359,867
111964	MAH	Western Reserve Transit Authority	2024	Engineering & Design - Admin / Maint Facility	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$120,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.41.03	\$359,867
111964								\$30,000	LNTF	Non Traditional Local Match	Local	Exempt	11.41.03	\$359,867
111964	MAH	Western Reserve Transit Authority	2024	Acquisition - Admin / Maint Facility	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.03	\$359,867
111964								\$5,000	LNTF	Non Traditional Local Match	Local	Exempt	11.42.03	\$359,867
111964	MAH	Western Reserve Transit Authority	2024	Acquisition - Shop Equipment	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$46,800	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.06	\$359,867
111964								\$11,700	LNTF	Non Traditional Local Match	Local	Exempt	11.42.06	\$359,867

State Fiscal Year	State Fiscal Year	ALI Description	Scope Description	Project Name	Project Description	Project Description	Fund Detail Dcode	Fund Detail Description	Fund Detail Description	Air Quality Indicator	ALI	*Total Project Cost
Western Reserve Transit Authority	2024	Acquisition - ADP Hardware	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$20,000.00	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.07	\$359,867
						\$5,000.00	LNTP	Non Traditional Local Match	Local	Exempt	11.42.07	\$359,867
Western Reserve Transit Authority	2024	Acquisition - ADP Software	Bus Support Equip / Facilities	Misc Capital Items	Misc. Projects/Shop Equipment: Shop equipment, Tire Lease, ADP Hardware, ADP Software, Property Protection Systems, Support Vehicles (3), A&E	\$8,487.20	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.42.08	\$359,867
						\$2,121.80	LNTP	Non Traditional Local Match	Local	Exempt	11.42.08	\$359,867
Western Reserve Transit Authority	2024	Other Capital Items (Bus - Preventive Maintenance)	Other Capital Items (Bus)	Capital Maintenance	Capitalized Maintenance - STBG funds only are a flex fund transfer through the Urban Transit Program	550,000.00	M230/049	YOUNGSTOWN	Flex Transfer	Exempt	11.7A.00	\$2,910,476
						1,778,380.80	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7A.00	\$2,910,476
						444,595.20	LNTP	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
						137,500.00	LNTP	Non Traditional Local Match	Local	Exempt	11.7A.00	\$2,910,476
Western Reserve Transit Authority	2024	Other Capital Items (Bus - Non Fixed Route ADA Paratransit)	Other Capital Items (Bus)	ADA Service	ADA	372,240.00	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	11.7C.00	\$465,300
						93,060.00	LNTP	Non Traditional Local Match	Local	Exempt	11.7C.00	\$465,300
Western Reserve Transit Authority	2024	Operating Assistance up to 50% Federal Share	Operating Assistance	Operating	Operating	2,056,119.00	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	30.09.01	\$4,112,238
						2,056,119.00	LNTP	Non Traditional Local Match	Local	Exempt	30.09.01	\$4,112,238
Western Reserve Transit Authority	2024	Short Range Transportation Planning	Planning	WRTA 2024 Planning	Planning	104,000.00	5307	Urban Formula Program	5307- Urban Formula Program	Exempt	44.24.00	\$130,000
						26,000.00	LNTP	Non Traditional Local Match	Local	Exempt	44.24.00	\$130,000

Table 8: WRTA Financial Capacity

EASTGATE	2020	2021	2021	2021	2022	2022	2022	2023	2023	2023	2024	2024	2024
AM04	Carry Forward	Budget1	Estimate	Balance2	Budget1	Estimate	Balance	Budget1	Estimate	Balance	Budget1	Estimate	Balance
5307	\$ 6,495,500	\$ 3,722,407	\$ 6,616,634	\$ 3,601,273	\$ 3,722,407	\$ 3,503,052	\$ 219,355	\$ 3,722,407	\$ 5,145,433	\$ (1,423,026)	\$ 3,722,407	\$ 4,675,673	\$ (953,266)
5310 (Non-ODOT)	\$ -	\$ 447,109	\$ 173,111	\$ 273,998	\$ 447,109	\$ 210,000	\$ 237,109	\$ 447,109	\$ 210,000	\$ 237,109	\$ 447,109	\$ 210,000	\$ 237,109
5337	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5339 (Non-ODOT)	\$ 910,000	\$ 484,400	\$ 484,400	\$ 910,000	\$ 484,400	\$ 484,400	\$ -	\$ 484,400	\$ 484,400	\$ -	\$ 484,400	\$ 484,400	\$ -

EASTGATE	2021	2022	2023	2024	Total
	Estimate	Estimate	Estimate	Estimate	Estimate
ODOT Administered Federal Funds by Program					
5310 (ODOT)	\$ -	\$ -	\$ -	\$ -	\$ -
5311	\$ 796,002	\$ 795,322	\$ 795,147	\$ 794,615	\$ 3,181,085
5339 (ODOT)	\$ -	\$ -	\$ -	\$ 79,126	\$ 79,126
Total Federal	\$ 796,002	\$ 795,322	\$ 795,147	\$ 873,740	\$ 3,260,210
Non-ODOT Administered Federal Funds by Program					
5307	\$ 6,616,634	\$ 3,503,052	\$ 5,145,433	\$ 4,675,673	\$ 19,940,792
5310 (Non-ODOT)	\$ 173,111	\$ 210,000	\$ 210,000	\$ 210,000	\$ 803,111
5337	\$ -	\$ -	\$ -	\$ -	\$ -
5339 (Non-ODOT)	\$ 484,400	\$ 484,400	\$ 484,400	\$ 484,400	\$ 1,937,600
Flex Transfer CMAQ	\$ -	\$ -	\$ -	\$ -	\$ -
Flex Transfer STBG	\$ 285,292	\$ 2,328,381	\$ 550,000	\$ 550,000	\$ 3,713,673
Total Federal	\$ 7,274,145	\$ 4,197,452	\$ 5,839,833	\$ 5,370,073	\$ 22,681,503
Other Funds					
State	\$ 119,629	\$ 240,000	\$ 160,000	\$ 160,000	\$ 679,629
Local	\$ 5,646,845	\$ 3,958,370	\$ 3,956,195	\$ 3,858,004	\$ 17,419,413
Labor	\$ -	\$ -	\$ -	\$ -	\$ -
Total Other	\$ 5,766,474	\$ 4,198,370	\$ 4,116,195	\$ 4,018,004	\$ 18,099,042
Total	\$ 13,836,620	\$ 9,191,144	\$ 10,751,174	\$ 10,261,817	\$ 44,040,755

Public Transit Environmental Justice Filter For Mahoning and Trumbull Counties

The Eastgate Regional Council of Governments (Eastgate) is the Metropolitan Planning Organization (MPO) for Mahoning and Trumbull Counties, and is responsible for establishing and maintaining regional transportation plans in the two-county area. Eastgate and other agencies receiving federal funding are governed under the 1994 Executive Order 12898, Federal Actions to address Environmental Justice (EJ) in Minority Populations and Low-Income Populations, to ensure that transportation projects, policies, and investments embrace the concerns of the whole community. Over the years, there have been many regulations and policies embodied in other statutes, technical statements, and laws, that reinforces the principles of Environmental Justice. These related legislations, regulations and laws are included to protect and address any environmental inequities that might arise in the transportation decision making process. Along with Executive Order 12898, the following list serves as guidance to Eastgate in addressing environmental justice.

- Title VI of the Civil Rights Act of 1964
- National Environmental Policy of 1969 (NEPA)
- 23 USC 109 (h), Federal-Aid Highway Act of 1970
- 23 CFR771, Environmental Impact and Related Procedures (1987)
- Guidance for Preparing and Processing Environmental and Section 4(f) documents TA 6640.8A (1987)
- Uniform Relocation Assistance and Real Property Acquisition Policies Act (1970, referred to as the "Uniform Act") as amended in 1987
- Clean Air Act Amendments of 1990
- Intermodal Surface Transportation Efficiency Act of 1991 (ISTEA)
- The Transportation Equity Act for the 21st Century (TEA-21) (1998)
- Safe, Accountable, Flexible, Efficient, Transportation Equity Act - A Legacy for Users (SAFETEA-LU) (2005)
- Moving Ahead for Progress in the 21st Century Act "MAP-21" (P.L. 112-141) (2012)
- Fixing America's Surface Transportation Act "FAST Act" (P.L. 114-94) (2015)
- Farmland Protection Policy Act (1981), as amended in 1994 (7 CFR 658)
- FHWA Environmental Policy Statements (1990 & 1994)
- Department of Transportation Order on Environmental Justice (1996)
- President's Council on Sustainable Development
- Executive Order 12898 "Federal Action to Address Environmental Justice in Minority Populations & Low-Income Populations"
- Executive Order 13166 "Limited English Proficiency" (LEP)

Title VI of the Civil Rights Act of 1964 ensures that *"no person in the United States shall, on the ground of race, color, or national origin be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving federal financial assistance."* Similarly, the 1994 Executive Order 12898 on Environmental Justice strengthens the Title VI of the Civil Rights Act of 1964. The Executive Order for Environmental Justice states that: *"each Federal agency shall make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportional high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low-income populations."*

Eastgate's evaluation and analysis of environment justice for public transit takes the above fundamental principles to ensure that transportation planning decisions made by local communities and stakeholders avoid, minimize, or mitigate any social, economic, and environmental consequences that will affect our community.

In our community, there are two transit systems that operate in Mahoning and Trumbull Counties. The first system is the Western Reserve Transit Authority (WRTA), a Regional Transit Authority since 1971. WRTA provides fixed route, complimentary paratransit demand response service for individuals with disabilities and seniors, and county-wide demand response curb-to-curb service. The WRTA serves the entire county of Mahoning and provides transit services to areas in Trumbull County. The WRTA expanded their service in the fall of 2009, when Mahoning County voters approved a ¼% sales tax initiative to support and operate a county-wide transit system. The new service is classified as a demand response curb-to-curb transit service that is referred to as the “EasyGo” Program.

The second transit system operating in Eastgate’s planning area is operated by the Trumbull County Transit Board (TCTB). The TCTB provides a county-wide demand response curb-to-curb transit system for Trumbull County. This service was previously operated by the City of Niles which started as a one-year demonstration pilot project that utilized Eastgate’s 2002 Surface Transportation Program funding that was transferred into a Federal Transit Administration (FTA) funding source. The Trumbull County Commissioners formed the TCTB on July 27, 2011 and assumed the existing Capital Cost of Contracting contract that the City of Niles had with a private sector since December 28, 2011.

Eastgate’s ongoing Title VI activities and Environmental Justice public transportation analysis, evaluates how well public transportation met the needs of minority populations and low-income populations in each county. Figures 3 and 4 outlines existing fixed routes in red, and the shaded green areas represents the complimentary paratransit service for Mahoning and Trumbull counties. Also included are maps that represent an analysis of the percentage of minority populations, and low-income populations served by Fixed Route and ADA Paratransit Services in Mahoning and Trumbull Counties.

Eastgate completed an analysis to evaluate the way fixed-route public transportation serves minorities and individuals living at the poverty level in Trumbull and Mahoning counties. This analysis coincides with some of the FTA’s Title VI reporting requirements that are used by transit systems to identify demographic service profiles.

Eastgate continues to monitor, document, and map transit demographic and service profile overlay maps that served transit trip generators on fixed route, and complementary paratransit transit service as required by the 1990 Americans with Disabilities Act (ADA). The ADA service area incorporates a ¾ mile boundary around a fixed route service line, as illustrated in Figures 3 and 4. Eastgate’s transit analysis used the same standard as the ADA to be considered as a reasonable distance to access transportation for all the transit users.

Eastgate’s use of superimposed overlay mapping helps identify transit needs that are often influenced by social and economic issues that affect minority, and low-income populations. The analysis of environmental justice for public transit geographically identifies concentrations of minority and low income/poverty level populations served by fixed route and ADA complimentary paratransit services in Mahoning and Trumbull counties. The assessment can easily recognize the transit interconnections to housing, healthcare, employment, social, economic and environmental needs that will have a community impact on the quality of life of individuals residing in Mahoning and Trumbull Counties. Further GIS transit demographic mapping can be found on Eastgate’s website under Data Center/Maps Tab.

Eastgate, in association with its planning partners, WRTA, TCTB, and the local communities, have strived to enhance the mobility needs of all individuals living in Mahoning and Trumbull Counties. This is revealed by using the U.S. Department of Commerce Bureau of Census - 2018 American Community Survey 5 year estimated data to illustrate that Mahoning County’s entire population of 231,064 has access to public transportation covering an area of 432.42 square miles. Similarly, Trumbull County’s entire population of

201,794 is served by public transportation in an area of 625 square miles. Individuals living in Eastgate's entire two county planning region have access to public transit.

Minorities Populations

The minority population served by fixed route and the ADA complimentary paratransit boundary for Mahoning and Trumbull Counties is identifies by census tracts and is illustrated in Figures 3 and 4. Figures 3 and 4 also show the total population of each county, the total population served by fixed route and ADA, and the percentage of minority populations served by fixed route and ADA by county. In Mahoning County, the percentage of minority populations served by Fixed Route and ADA service is 96.3%. There are 84.5% of minorities in Trumbull County that have access to Fixed Route and ADA service.

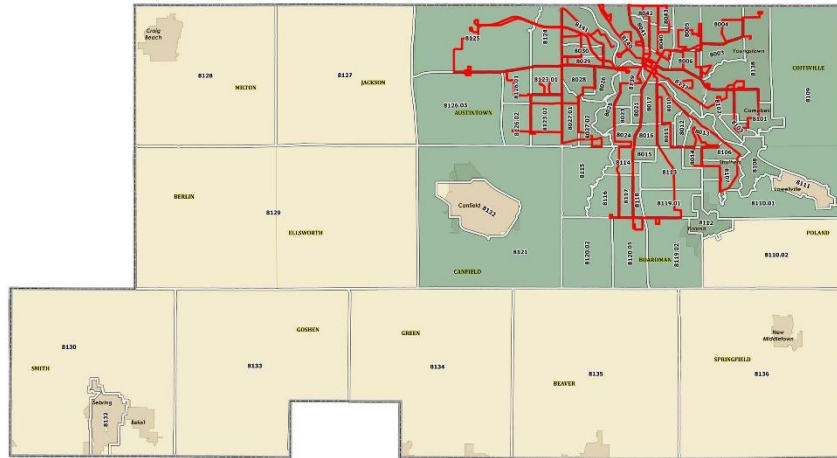
Low-Income Populations

The low-income population served by fixed route and the ADA complimentary paratransit boundary for the two counties is identifies by census tracts for low-income populations is illustrated in Figures 3 and 4. Figures 3 and 4 also show the total population of each county, the total population served by fixed route and ADA by county, and the percentage of poverty populations served by fixed route and ADA by county.

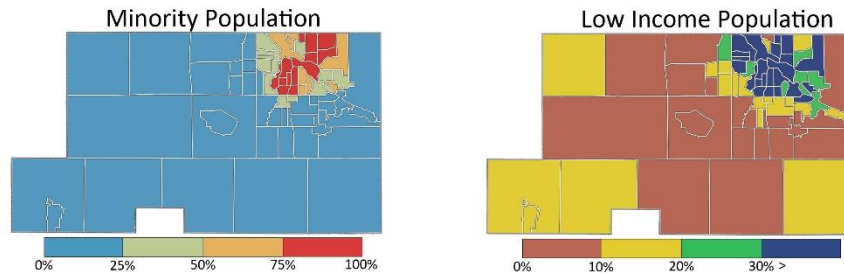
In Mahoning County 88.4% of low-income populations below poverty level have access to fixed route and ADA service, while 71.7% have access in Trumbull County.

Figure 3: Transit Environmental Justice Analysis (Mahoning County)

Figure 3 - Transit Environmental Justice - Mahoning County



Highlighted Census Tracts (green) represent tracts that fall within the ADA Paratransit Boundary
The paratransit boundary is a 3/4 mile buffer around the WRTA Fixed Route (red).



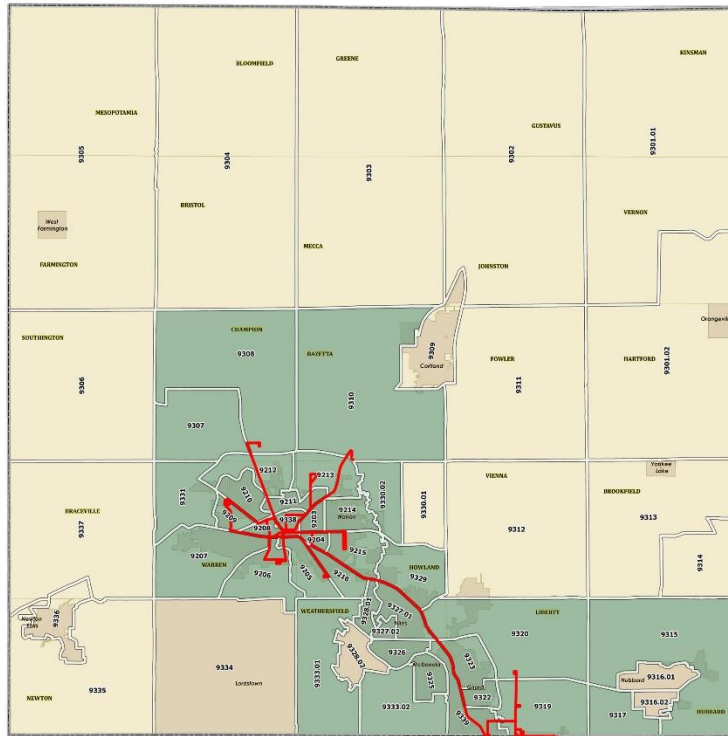
Total County Population	Total Population Served by Fixed Route & ADA	Percentage of Population Served by Fixed Route & ADA
231,064	176,007	76.2%
Total County Minority Population	Total Minority Population Covered by Fixed Route & ADA	Percentage of County Minority Population Served by Fixed Route & ADA
55,078	53,049	96.3%
Total County* Population Below Poverty Level	Total Population Below Poverty Level Served by Fixed Route & ADA	Percentage of County Population Below Poverty Level Served by Fixed Route & ADA
39,441	34,885	88.4%

Census Tract	White	Black African	Hispanic Latino	American Indian Alaska Native	Asian	Native Hawaiian Other Pacific Islander	Some other	Two or more	Total Minority	Poverty*	Total Population
8003	547	800	240	14	0	0	10	54	1017	28.4%	1303
8004	285	764	27	107	0	0	16	118	769	18.2%	947
8005	1279	1766	996	22	22	0	239	79	2733	63.4%	3249
8006	461	1029	523	6	0	0	179	85	1427	56.8%	1547
8010	787	595	144	13	0	5	5	99	749	48.0%	1302
8011	1142	970	277	27	47	0	46	143	1240	41.9%	2089
8012	915	656	161	9	49	6	31	56	810	23.9%	1596
8013	1755	1046	163	8	0	0	57	287	1229	38.9%	2579
8014	1913	325	109	0	6	6	0	61	385	17.8%	2189
8015	1341	721	143	41	39	0	2	50	837	13.5%	2094
8016	1010	2004	379	23	84	0	66	326	2332	64.5%	2806
8017	693	515	406	9	0	0	0	132	845	47.9%	1085
8021	117	980	73	8	0	0	22	8	1039	38.2%	1119
8023	165	512	47	84	14	0	47	77	613	40.8%	760
8024	831	2144	95	64	0	0	14	365	2254	32.9%	2674
8025	577	1053	76	0	0	0	0	153	1129	48.7%	1477
8026	1249	340	79	45	0	0	74	120	445	29.3%	1576
8027.01	3200	307	233	0	0	0	42	100	504	16.8%	3449
8027.02	2359	619	118	30	13	32	37	80	782	19.5%	3010
8028	2345	548	419	75	52	0	0	12	968	31.2%	3008
8029	1862	794	286	17	0	0	45	35	1080	37.2%	2683
8030	1387	461	148	0	0	0	7	0	609	37.7%	1855
8040	1562	865	99	11	28	0	12	154	1006	43.2%	2321
8041	558	624	37	13	0	0	19	20	664	14.5%	1194
8042	842	1408	77	20	114	0	61	114	1575	8.7%	2331
8043	235	591	119	36	0	0	13	45	630	37.1%	821
8101	3254	758	618	135	0	36	27	181	1389	23.8%	4029
8102	1541	702	514	53	0	11	74	140	1061	28.0%	2241
8103	1036	883	578	22	0	0	0	238	1265	56.1%	1694
8106	2675	136	328	38	27	45	128	177	465	30.6%	2858
8107	5073	94	153	0	22	0	22	67	269	11.4%	5144
8108	2195	123	48	18	5	0	0	18	189	24.7%	2323
8109	1970	204	125	0	21	0	0	61	350	4.1%	2134
8110.01	3849	152	206	34	81	0	34	70	337	3.9%	4062
8112	2296	0	47	0	6	0	0	0	53	3.2%	2302
8113	5944	597	165	41	0	0	51	131	803	13.8%	6502
8114	2057	792	64	48	32	0	6	82	919	17.7%	2836
8115	5494	166	53	0	19	0	0	0	238	3.2%	5679
8116	3205	147	100	37	0	0	50	22	255	7.6%	3417
8117	2417	182	31	82	158	0	24	190	464	13.7%	2673
8118	1491	140	81	0	0	0	0	36	213	4.2%	1595
8119.01	4179	451	261	0	26	0	0	74	738	9.8%	4582
8119.02	2992	53	43	25	107	0	21	18	228	4.5%	3180
8120.01	4911	402	184	40	54	45	14	190	682	6.6%	5253
8120.02	3681	170	32	18	22	0	0	43	242	4.8%	3848
8121	8929	229	260	67	380	0	0	215	936	6.0%	9390
8123.01	3655	192	117	15	0	0	50	91	312	18.8%	3821
8123.02	5338	469	309	21	90	0	146	43	889	12.8%	6021
8124	2717	282	204	48	60	0	49	97	498	29.3%	2963
8125	4961	89	36	20	54	0	0	53	199	6.7%	5071
8126.01	3089	605	210	0	121	0	184	60	926	14.6%	3939
8126.02	4879	603	83	0	102	0	0	112	743	9.6%	5447
8126.03	7813	451	374	49	149	53	4	214	956	6.8%	8269
8137	1750	1650	1082	34	9	0	153	258	2542	43.1%	3329
8138	1225	1973	421	111	0	16	108	224	2356	34.3%	3158
8139	158	1413	87	36	0	36	0	86	1460	30.2%	1521
8140	1297	2216	123	20	19	0	0	255	2342	52.4%	3297
8141	1668	731	182	156	70	0	138	309	1059	60.5%	2385
Total	137156	39492	12593	1850	2102	291	2327	6528	53049	20.5%	176007

US Department of Commerce Bureau of Census - 2018 American Community Survey 5-year Estimates

Figure 4: Transit Environmental Justice Analysis (Trumbull County)

Figure 4 - Transit Environmental Justice - Trumbull County

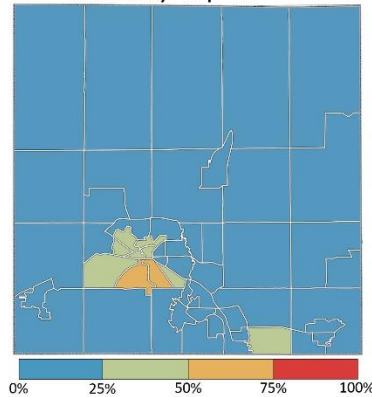


Highlighted Census Tracts (green) represent tracts that fall within the ADA Paratransit Boundary. The paratransit boundary is a 3/4 mile buffer around the WRTA Fixed Route (red).

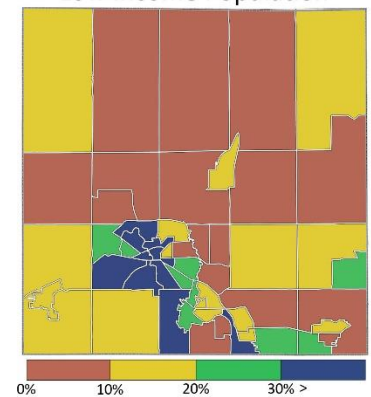
Trumbull County Census Tracts Served by Fixed Route and ADA Paratransit Services

Census Tract	White	Black African	Hispanic Latino	American Indian Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some other	Two or more	Total Minority	Percent* Poverty	Total Population
9203	2586	271	10	0	118	0	5	107	350	12.7%	2824
9204	2069	447	126	11	0	0	0	166	540	36.3%	2361
9205	594	512	82	86	0	0	17	122	526	55.1%	1022
9206	1637	2589	153	0	30	0	13	196	2676	51.9%	4073
9207	2434	2055	100	23	27	15	49	123	2221	36.6%	4465
9208	1615	683	9	0	0	0	0	140	692	63.8%	2158
9209	1873	1385	133	23	15	50	80	149	1523	24.2%	3268
9210	3493	1685	136	181	0	0	0	250	1950	31.1%	5109
9211	2910	824	77	36	10	0	22	142	921	39.4%	3624
9212	1580	304	14	0	0	0	0	45	318	33.8%	1839
9213	2167	68	78	0	0	0	0	0	146	19.6%	2235
9214	3014	120	69	15	0	0	0	36	160	8.7%	3113
9215	5181	395	55	72	41	0	39	198	543	22.8%	5503
9216	2840	913	0	1	40	0	0	157	947	25.7%	3637
9307	4066	16	56	0	3	17	11	20	78	4.7%	4093
9308	4603	69	18	44	7	0	13	72	145	5.0%	4664
9310	5574	117	2	16	0	0	0	35	119	6.7%	5656
9315	3680	36	110	0	11	0	0	0	157	7.7%	3727
9317	1786	262	64	0	0	0	0	40	326	24.0%	2008
9319	3496	1884	120	0	273	0	0	193	2201	22.1%	5460
9320	5263	641	254	0	80	0	0	220	975	8.5%	5764
9322	2386	223	125	24	95	24	0	93	403	15.1%	2635
9323	5632	35	123	109	0	0	18	98	266	10.9%	5696
9325	2990	126	0	69	0	6	20	95	211	8.2%	3116
9326	3307	112	89	18	22	0	0	38	241	19.5%	3421
9327.01	5384	440	108	0	130	0	122	141	678	13.0%	5935
9327.02	2232	202	64	0	8	0	0	94	274	16.8%	2348
9328	2717	201	79	0	0	0	44	23	280	22.3%	2939
9329	2296	164	49	0	38	0	6	12	241	9.6%	2492
9330.02	4198	120	28	63	82	0	20	51	313	6.1%	4432
9331	2464	0	20	0	56	0	0	0	76	26.9%	2520
9333.01	2890	0	75	0	0	0	0	0	75	33.9%	2890
9333.02	4573	97	32	17	0	0	0	17	146	9.2%	4670
9338	2135	546	113	0	93	0	12	100	750	47.0%	2686
9339	1861	242	7	7	0	0	7	68	256	33.0%	2049
Total	107526	17784	2578	815	1179	112	498	3241	21724	20.5%	124432

Minority Population



Low Income Population



Total County Population	Total Population Served by Fixed Route & ADA	Percentage of Population Served by Fixed Route & ADA
201,794	124,432	61.7%
Total County Minority Population	Total Minority Population Covered by Fixed Route & ADA	Percentage of County Minority Population Served by Fixed Route & ADA
25,723	21,724	84.5%
Total County* Population Below Poverty Level	Total Population Below Poverty Level Served by Fixed Route & ADA	Percentage of County Population Below Poverty Level Served by Fixed Route & ADA
34,604	24,801	71.7%

US Department of Commerce Bureau of Census - 2018 American Community Survey 5-year Estimates

Chapter 4 - Operation and Maintenance

There is a clear and present need for an increased focus on transportation operations and maintenance at all levels of government. This need is based on several factors:

- The aging transportation infrastructure
- Growing congestion and incident problems
- Capacity constraints and costs of new construction

Eastgate's GPB supports a strong federal role in the nation's transportation system. It strongly endorses federal leadership by increasing the focus on transportation operations and maintenance. Thereby enhancing the operational performance and preserving our investment in the transportation system. Table 9 identifies sources expected to be available to adequately operate and maintain federal-aid highways. Although the process shown below concentrates on highway segments, a filter for the public transit element is located in Chapter 3 of this document. Over \$102 million in highway projects are listed in the four years of the TIP. Of that total, over 75% is programmed for projects designed to maintain highway system operations. This percentage illustrates Eastgate's commitment to maintain and operate the region's existing transportation system.

ODOT implements transportation projects through state funding programs. ODOT, in an effort to emphasize their commitment to maintain the existing transportation system, has identified projects and funding set aside for various maintenance type projects. These projects are included in Appendix A.

Other Possible Funding Measures

The District 6 Public Works Integrating Committee (D6PWIC) recommends to the Ohio Public Works Commission (OPWC) infrastructure projects that contribute to the district's infrastructure system. These projects would not be undertaken without financial assistance from either the State Capital Improvement Program (SCIP) or the Local Transportation Improvement Program (LTIP). Eastgate was designated by the D6PWIC to administer the programs in Mahoning and Trumbull Counties.

Available financial assistance includes the funds that will be available to District 6 subdivisions from the SCIP and LTIP in Program Year 2020:

\$5,964,000 SCIP Allocation
\$2,565,000 LTIP Allocation
\$1,690,000 Revolving Loan Fund
\$10,219,000 Total Allocation

In accordance with the Ohio Revised Code, this year's financial assistance will be awarded to projects selected by the D6PWIC in the form of grants, loans, credit enhancements, and loan assistance programs. The Ohio Revised Code establishes minimum allocations of SCIP funds at 10% for loans and/or loan assistance, and a maximum of 20% of the SCIP funds for new construction. The SCIP district funding breakdown is as follows:

\$5,964,000 SCIP Total
\$5,367,600 SCIP Grants (Max)
\$1,192,800 New Construction (Max)
\$596,400 Loans / Loan Assistance (Min)

In addition to the above-mentioned funding sources, an additional \$17,500,000 is made available statewide for communities with a population below 5,000. The award of these funds is made by the OPWC Small Government Capital Improvements Commission through a statewide competition. These funds are not allocated on a district basis.

Grants of up to 90% of eligible cost are available to local political subdivisions for infrastructure repair / replacement projects and up to 50% for new / expansion projects listed as eligible for funding under the SCIP. The eligible project types are:

- Roads
- Bridges
- Culverts
- Wastewater treatment systems
- Water supply systems
- Solid waste disposal facilities
- Storm water and sanitary collection, storage, and treatment systems and facilities

The LTIP program funds are derived from a portion of state gasoline tax revenues. The funds are then distributed to nineteen Public Works Integrating Committees. For program year 2020, preliminary figures total \$2,565,000 for District 6. In addition to the \$2,565,000, money may become available from funds awarded but not used in previous rounds. OPWC recommends that districts submit projects totaling 115% of the preliminary allocation listed above. As in the past, projects will be awarded to the level of the projected figures at the time of selection. As a matter of policy, the D6PWIC will fund all projects submitted as part of their 115% package. Any projects not funded by program year 2020 funds will be funded with program year 2021 funds.

LTIP funds are awarded in the form of grants for up to 100% of eligible project costs. These funds are available to local political subdivisions for infrastructure projects for funding as follows:

- Roads
- Bridges

Chapter 5 - Financial Constraint

Several key factors influence implementation of present and future highway improvements within the region. Priority considerations include the available sources of funding, amount of funding allocated to the region, funding management, and inflation. The primary sources of revenues used to support the transportation system have been, and will continue to be, Federal, State, and Local Governments. Inflation rates of 2-5% per year were used in the financial assumptions to reflect “year of expenditure” dollars for most projects. The rate varied due to factors such as project location, project scope, and construction materials needed. The keystone of the process is the collaborative participation of transportation agencies, elected officials, transportation special interest, and the general public.

Ohio Department of Transportation Funding Resources

ODOT is the lead agency responsible for programming projects with state-controlled funding sources. Federal funds for transportation projects are distributed and administered through several programs. ODOT Central Office is responsible for the management and forecasting of the funds. The Ohio STIP addresses fiscal constraint for the projects in this TIP financed with ODOT controlled funding sources. Additional information of the ODOT programs and STIP can be found on ODOT’s website at www.dot.state.oh.us. Table 9 summarizes the use of federal, state, and local funds.

Eastgate Funding Resources

As the MPO, Eastgate is the lead agency responsible for programming locally sponsored transportation projects financed with Eastgate’s federal allocations. Federal Aid Highway funds for highways located within the Transportation Management Area of Mahoning and Trumbull Counties are eligible for programming / finance considerations. Each fiscal year, Eastgate receives an allocation of federal funds via ODOT. Table 9 provides the Eastgate budget amounts expected to be available for FY 2021 - FY 2024. Budget amounts shown are based on the MPO and Large City Program Management sheets provided by ODOT Planning and made available through ODOT’s FTP site.

The FAST Act requires project amounts programmed in the FY 2021 - FY 2024 TIP be financially constrained. The TIP cannot exceed available funding for any individual year in the four-year period. Funding levels considered available for program development purposes combine current Federal Fiscal Year STBG allocations with other categorical funding program allocations, CMAQ and TAP.

Table 9 shows the FY 2021 - FY 2024 TIP fiscal constraint analysis for the Eastgate MPO program. Where necessary, transfers between STBG and TAP funds are identified to maintain fiscal constraint. Project demand totals are taken from Table 4.

Table 9: Fiscal Constraint Analysis

EASTGATE	2020	2021	2021	2021	2022	2022	2022	2023	2023	2023	2024	2024	2024
	Carry Forward	Budget ¹	Estimate	Balance ²	Budget ¹	Estimate	Balance	Budget ¹	Estimate	Balance	Budget ¹	Estimate	Balance
MPO Total	\$ 1,828,585	\$ 10,383,927	\$ 10,800,680	\$ 1,411,832	\$ 10,383,927	\$ 15,046,323	\$ (4,662,396)	\$ 10,383,927	\$ 16,113,712	\$ (5,729,785)	\$ 10,383,927	\$ 7,799,132	\$ 2,584,795
MPO STBG	\$ 1,119,244	\$ 6,031,748	\$ 7,214,206	\$ (63,214)	\$ 6,031,748	\$ 7,568,606	\$ (1,536,858)	\$ 6,031,748	\$ 6,362,285	\$ (330,537)	\$ 6,031,748	\$ 7,586,713	\$ (1,554,965)
MPO CMAQ	\$ 592,691	\$ 3,749,002	\$ 3,216,234	\$ 1,125,459	\$ 3,749,002	\$ 6,868,117	\$ (3,119,115)	\$ 3,749,002	\$ 9,144,750	\$ (5,395,748)	\$ 3,749,002	\$ -	\$ 3,749,002
MPO TA	\$ 116,650	\$ 603,177	\$ 370,240	\$ 349,587	\$ 603,177	\$ 609,600	\$ (6,423)	\$ 603,177	\$ 606,677	\$ (3,500)	\$ 603,177	\$ 212,419	\$ 390,758

EASTGATE	2021	2022	2023	2024	Total
EA04	Estimate	Estimate	Estimate	Estimate	Estimate
Federal Funds by Program					
Garvee Debt Service	\$ -	\$ -	\$ -	\$ -	\$ -
Discretionary / Earmark	\$ 8,882,492	\$ 131,934	\$ -	\$ -	\$ 9,014,426
Emergency	\$ -	\$ -	\$ -	\$ -	\$ -
FLAP	\$ -	\$ -	\$ -	\$ -	\$ -
Garvee / SIB	\$ -	\$ -	\$ -	\$ -	\$ -
Local Programs	\$ 6,603,987	\$ 867,200	\$ 2,000,000	\$ -	\$ 9,471,187
Major Programs	\$ -	\$ -	\$ -	\$ -	\$ -
MPO STBG	\$ 7,214,206	\$ 7,568,606	\$ 6,362,285	\$ 7,586,713	\$ 28,731,810
MPO CMAQ	\$ 3,216,234	\$ 6,868,117	\$ 9,144,750	\$ -	\$ 19,229,101
MPO TA	\$ 370,240	\$ 609,600	\$ 606,677	\$ 212,419	\$ 1,798,936
National Highway Freight	\$ -	\$ -	\$ -	\$ -	\$ -
Other	\$ -	\$ 1,040,000	\$ 2,230,000	\$ 2,520,000	\$ 5,790,000
Preservation	\$ 24,901,331	\$ 32,836,162	\$ 20,422,000	\$ 33,304,630	\$ 111,464,123
Rail	\$ -	\$ -	\$ -	\$ -	\$ -
Rec Trails	\$ -	\$ -	\$ -	\$ -	\$ -
Safety	\$ 2,476,932	\$ 1,125,000	\$ 3,676,600	\$ -	\$ 7,278,532
Total Federal	\$ 53,665,422	\$ 51,046,618	\$ 44,442,312	\$ 43,623,762	\$ 192,778,115

Other Funds					
State	\$ 14,357,073	\$ 8,569,150	\$ 11,125,500	\$ 10,814,070	\$ 44,865,793
Local	\$ 11,948,816	\$ 4,223,646	\$ 5,079,969	\$ 2,009,783	\$ 23,262,214
Labor	\$ 1,599,277	\$ 2,165,225	\$ 3,163,300	\$ 1,917,700	\$ 8,845,501
Total Other	\$ 27,905,166	\$ 14,958,021	\$ 19,368,769	\$ 14,741,553	\$ 76,973,509
Total	\$ 81,570,588	\$ 66,004,639	\$ 63,811,081	\$ 58,365,315	\$ 269,751,623

Note: Estimates include all projects that have a portion of work within the EASTGATE region.

Chapter 6 - Air Quality Conformity

This section of the TIP typically documents the air quality procedures and requirements that were complied with and were essential in demonstrating conformity to the State Implementation Plan for achieving and maintaining National Ambient Air Quality Standards. This documentation is intended to substantiate the air quality conformity assumptions and analyses performed by ODOT's Division of Modeling and Forecasting and Eastgate.

However, Eastgate was notified that since the Eastgate region is a 1997 Ozone standard maintenance area, with 2009 and 2018 (MOBILE based) budgets, and the region is also a 2008 Ozone standard and PM2.5 (1997 and 2006 standards) attainment area, effective July 20th, 2013 the 1997 Ozone standard was revoked for conformity purposes. Accordingly, Eastgate's MTP and TIP no longer need to demonstrate transportation conformity. Eastgate is still required to update its MTP on a five-year schedule. The most recent update was completed in 2018, with a new MTP document scheduled for completion in 2023.

AQ maintenance area and conformity (1997 Ozone Standard Orphan Area Analysis – As a 1997 Ozone Standard “orphan area” and consistent with US EPA's 11/29/2018 guidance resulting from the South Coast vs. US EPA court case, Eastgate advanced qualitative Transportation Plan and new 2021-2024 TIP conformity determinations. The IAC was done in late 2019 and US EPA, OEPA, FWHA and FTA concurrence documented accordingly.

The below 1997 Ozone Standard “Orphan” Areas Conformity Analysis Summary is included to demonstrate conformity. Appendix E includes Eastgate's determination report.

Ohio MPO 2021 – 2024 Transportation Improvement Programs

1997 Ozone Standard “Orphan” Areas

Conformity Analysis Summary

Overview:

Seven Ohio MPOs located within US EPA designated 1997 Ozone Standard “Orphan” Areas are developing new 2021 – 2024 Transportation Improvement Programs (TIP). One of the MPOs, the Toledo Metropolitan Area Council of Governments (TMACOG), is also concurrently developing a 2045 Transportation Plan Update.

As a 1997 Ozone Standard “orphan areas” and consistent with US EPA's November 29, 2018 guidance resulting from the South Coast II Court Case, the MPOs will advance qualitative Transportation Plan and new 2021 – 2024 TIP transportation conformity determinations.

Affected MPO/Air Quality Areas:

Table 10: Affected MPO/Air Quality Areas

MPO	1997 Ozone Standard Geography	New Conformity Determination	
		Transportation Plan Update	2021-2024 TIP
Toledo / TMACOG	Lucas & Wood Cos., OH	Yes	Yes
Lima / LACRPC	Allen County, OH		Yes
Dayton / MVRPC	Clark, Greene, Miami, & Montgomery Cos., OH		Yes
Springfield / SCC-TCC			Yes
Youngstown / Eastgate	Mahoning & Trumbull Cos., OH		Yes
Wheeling / Bel-O-Mar	Belmont Co., OH Marshall & Ohio Cos., WV		Yes
Parkersburg / WWW	Washington Co., OH Wood Co., WV		Yes

Qualitative Conformity Determination Criteria – 40 CFR 93.109:

- Latest planning assumptions – Each MPO maintains current travel demand model socio-economic variables and highway/transit networks used to develop the MPOs’ Transportation Plans.
- Latest emission model – Should a future quantitative emission analyses be needed, the MPOs and ODOT will use US EPA’s MOVES2014a emissions software
- TCMs – The Ohio SIP does not include any TCMs
- Conformity process schedule
 - Each MPOs will conduct a public review of its 2021 - 2024 TIP and 1997 Ozone Standard “Orphan” area conformity determination information consistent with its adopted Public Involvement Process. The MPO TIP public involvement processes will be coordinated with ODOT’s STIP public involvement period, as recorded below.

Table 11: MPO Public Involvement

MPO	ODOT STIP Public Involvement Period	MPO TIP Public Involvement Period	MPO Policy Board TIP Approval & Conformity Determination Resolution Date
Toledo / TMACOG	March 30, 2020 – April 10, 2020	3/30/20 – 4/10/20	4/15/20
Lima / LACRPC		3/30/20 – 4/10/20	4/23/20
Dayton / MVRPC		3/11/20 - 4/13/20	5/7/20
Springfield / SCC-TCC		3/30/20 – 4/10/20	5/8/20
Youngstown / Eastgate		3/30/20 – 4/10/20	4/27/20
Wheeling / Bel-O-Mar		3/26/20 – 4/10/20	4/30/20
Parkersburg / WWW		3/30/20 – 4/10/20	5/20/20

- MPO Conformity Tests
 - 1997 Standard Ozone “Orphan Area” qualitative conformity determination

Outcomes:

- ODOT and the MPOs listed above request Ohio’s Transportation Conformity Interagency Consultation Partners review the information above and provide written concurrence/comments that the documentation herein meets the requirements for advancing **qualitative** 1997 Ozone Standard “Orphan” Area Transportation Plan and 2021 – 2024 TIP conformity determinations. All partners responded concurrence via e-mail on the following dates.

FHWA: Noel Mehlo (12/30/2019) and Chandra Inglis-Smith (1/2/2020)

FTA: Mark Kane (1/2/2020)

U.S. EPA: Anthony Maietta (1/2/2020)

OEPA: Paul Brown (1/6/2020)

Chapter 7 - Environmental Justice Analysis

The following information presents the results of the Eastgate Environmental Justice (EJ) analysis conducted for the FY 2021 - FY 2024 TIP. The concept of EJ is derived from Title VI of the Civil Rights Act of 1964 and other civil rights statutes. It began in 1994 as a national policy goal by Presidential Executive Order 12898, and directs *each federal agency to make achieving environmental justice part of its mission by identifying and addressing, as appropriate, disproportionately high and adverse human health or environmental effects of its programs, policies, and activities on minority populations and low income populations*. In response, the Federal Highway Administration renewed their commitments to assure that EJ is carried out in the programs and strategies they fund, including the activities of MPO's.

Eastgate utilized a four-step process for the EJ analysis of its TIP. Although the process shown below concentrates on highway segments, an EJ filter for the public transit element can also be found in Chapter 3 of this document.

Step 1 - Public Outreach

The objective of Eastgate's public outreach is to make every attempt to involve all stakeholders regardless of their demographic composition, and in particular, those that may be directly impacted as a result of a highway improvement. With the signing of Presidential Executive Order 12898, Eastgate has adopted an aggressive one-on-one approach. Eastgate approaches the communities to inform stakeholders who traditionally tend not to become involved through the regular informational or public involvement process.

Step 2 - Demographic Profile

Based on data from the American Community Survey five-year estimates 2018 (ACS), Eastgate focused on two population groups, minority and low-income residents. The profile summarizes the data for both population groups by U.S. Census Tract. The U.S. Census Bureau defines a census tract as a *geographic region defined for the purpose of taking a census*. Usually these coincide with the limits of cities, towns, and other administrative areas and several tracts commonly exist within a county. There are 125 census tracts in Mahoning and Trumbull County.

Although minority and low-income individuals live throughout the entire Eastgate area, many are concentrated in specific locations and neighborhoods. A person is counted as a member of a minority group if he or she claimed any of the following: Black, American Indian, Alaskan Native, Asian, Native Hawaiian, Other Pacific Islander, or Hispanic. Based on data used in this analysis, minorities comprise 18.7% of the Eastgate population. Therefore, any census tract with a percentage of population considered minority that is above 18.7% is considered to have a regionally significant concentration of minority population. These census tracts are shown in Figure 5.

A similar approach was taken to establish regionally significant concentrations of low-income populations. Based on the data used in the five-year 2014 - 2018 ACS, it was determined that the regional poverty rate was 17.6% of the population. Therefore, any census tract with a percentage of population considered in poverty that was above 17.6% was considered to have a regionally significant concentration of low-income population. These census tracts are shown in Figure 5.

Step 3 - Environmental Effects

To comply with Presidential Executive Order 12898, a list of project control variables was established as a means to qualitatively evaluate the environmental effects of projects that are located in high minority

or low-income areas. In order to accomplish this, the statement “How will this project impact the following?” was subjectively applied to these areas. The variables chosen were:

- Air, noise, water
- Safety
- Congestion
- Aesthetics
- Natural environment
- Character of existing community
- Economic vitality
- Businesses
- Residents
- Accessibility

Step 4 - Analysis of Environmental Effects

In order to apply the control variables, a list of highway projects that had potential effects on high minority or low-income populations had to be generated. To accomplish this task, all FY 2021 - FY 2024 TIP projects were overlaid onto the high minority or low-income census tract maps. Projects were reviewed, and their specific locations were determined. If a project was determined to be located in an area identified as a regionally significant concentration of high minority or low-income people, further analysis was conducted. Projects not located in these areas were exempt from further analysis.

The potential environmental effects of highway projects are displayed in Tables 12 and 13. Projects that are deemed to have a positive effect are represented by a + symbol, whereas projects expected to produce a negative effect are represented by a - symbol. Projects that were determined to have a neutral effect are left blank in the table.

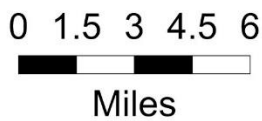
Figure 5: Environmental Justice Areas by Census Tract

Environmental Justice Areas by Census Tract

Mahoning and Trumbull Counties
FY 2021-2024

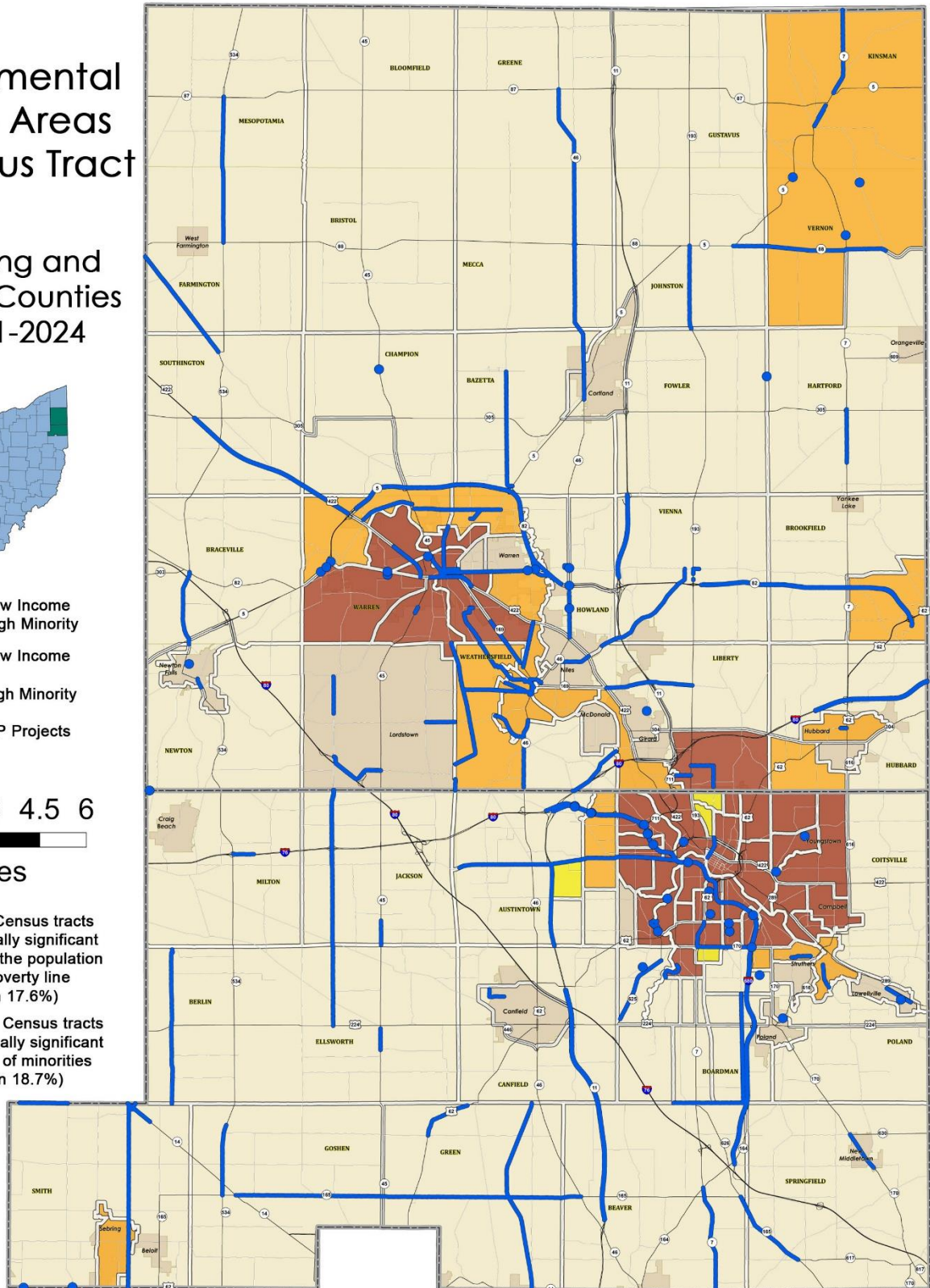


- Low Income High Minority
- Low Income
- High Minority
- TIP Projects



Low Income = Census tracts having a regionally significant concentration of the population below the poverty line (more than 17.6%)

High Minority = Census tracts having a regionally significant concentration of minorities (more than 18.7%)



3-2020

Table 12: Environmental Justice Effects of Projects - Trumbull County

PID	Route	Location and Termini	EJ Designation	EJ Control Variables												
				Accessibility	Aesthetics	Air Noise Water	Business	Character	Congestion	Economic Vitality	Environment	Residents	Safety			
4	Tod Avenue Sidewalks	Warren Township - install 986 feet of new sidewalk along Tod Avenue	Low Income / High Minority	+			+							+	+	
6	SR 5 Sidewalks (Phase III)	Kinsman Township - install 3193 feet of new sidewalk along SR 5	Low Income												+	+
9	Myron Street Sidewalks	City of Hubbard - install 1000 feet of new sidewalk along Myron Street	Low Income				+								+	+
15	TRU High / Mahoning	resurfacing of High Street from Mahoning Avenue to Chestnut Avenue; resurfacing of Mahoning Avenue from South Street to Summit Street	Low Income / High Minority													+
16	TRU Park Avenue	resurfacing from South Street to Ivanhoe Avenue	Low Income / High Minority													+
19	TRU Goldie Road	resurfacing from SR 193 to Fifth Avenue	Low Income / High Minority													+
20	TRU Fifth Avenue	resurfacing from Goldie Road to city limits	Low Income / High Minority													+
21	TRU North River Road	resurfacing from Leavitt Road to Elm Road	Low Income													+
24	TRU West Park / Austintown Warren	resurfacing of West Park Avenue from Austintown Warren Road to Niles City; resurfacing of Austintown Warren Road from Trumbull County line to Lordstown and Carson Salt Springs Road to Burnett East Road	Low Income / High Minority													+
26	TRU Trumbull Avenue / West Liberty Street	resurfacing of Trumbull Avenue from Girard City limits to SR 193; resurfacing of West Liberty Street from Four Mile Run Road to Girard City limits	Low Income / High Minority													+
27	TRU Salt Springs / East Federal	resurfacing of Salt Springs Road from city limits to city limits; resurfacing of East Federal Street from SR 169 to SR 46	Low Income													+
28	TRU Heaton North Road	resurfacing from SR 169 to SR 422	Low Income / High Minority													+
29	TRU Niles Vienna / Warren	resurfacing of Niles Vienna Road from SR 46 to SR 422; resurfacing of Warren Avenue from Chestnut Street to city limits	Low Income													+
84660	TRU SR 0082 22.74	Resurfacing over TRU SR82 22.74 to 29.89 and TRU SR82*1 0.00 to 0.70 and TRU 616 0.00 to 0.62. . Includes minor bridge work to 9 structures and work on 6 culverts.	Low Income				+									+
92055	TRU Warren Mahoning side	Construct trail facilities along the Mahoning River in the City of Warren.	Low Income / High Minority	+										+	+	
93126	TRU US 0422 02.05	Resurfacing. Minor bridge work.	Low Income													+
101045	ATB/TRU MCRO FY2022	Microsurfacing of ATB SR 45 14.61 to 19.75 and 22.28 to 24.08, TRU SR 46 0.12 to 1.05, 1.57 to 2.31 and 5.63 to 7.08, TRU SR 534 3.75 to 4.02 and 5.52 to 7.94.	Low Income													+
101248	TRU SR 0082 13.89	Resurfacing of TRU SR 82 from 13.89 to 17.36. Includes minor bridge work.	Low Income													+
102755	TRU US 0422 09.78	Resurfacing of TRU US 422 from 9.83 to 11.21 and 11.53 to 12.98. Includes minor bridge work to SFN 780704 TRU-422-12.82 under Abandoned Railroad.	Low Income / High Minority													+
105945	TRU SR 0046 01.05	Drainage improvements (catch basin and storm sewer) to improve TRU SR 46 from SLM 1.05 (500 feet North of Prospect Street) to Gilbert Drive (SLM 1.57). Construct curbing on the East side of SR-46 from SLM 1.05 to Ohtown Road. Also included is resurfacing	Low Income				+									
106203	MAH/TRU LG FY2021	Lighting improvements to the following interchanges...MAH IR 680/SR 711, TRU SR 5/82/W Market St and TRU SR 82/E Market St.	Low Income / High Minority													+
107143	TRU SR 0005 6.41/6.63	Reconstruction of slope failures on SR 5 WB in Trumbull County.	Low Income												+	+
107216	Kinsman Sidewalks Phase 2	Kinsman Township - new sidewalks along SR 5	Low Income				+								+	+
108513	TRU SR 0007 19.98	Deck replacement of SFN 7801599 TRU-7-19.98 over Mill Creek.	Low Income													+
110665	TRU SR 45/169 5.78/1.78	Resurfacing of TRU SR 45 from 5.78 to 6.32 and 9.16 to 9.87 and TRU SR 169 from 1.78 to 3.43.	Low Income / High Minority													+
110677	TRU SR 0088 19.11	Resurfacing of TRU SR 88 from 19.11 to 22.76.	Low Income													+
110710	TRU SR 0005 08.30	Resurfacing of TRU SR 5 from 8.30 to 14.16 and minor rehabilitation work to 17 structures.	Low Income													+
110848	CR 255 (Orangeville Kinsman)	Vernon Township - replacing the Orangeville Kinsman Road Bridge over stream	Low Income													+
111185	TRU 0005 29.09	Structure replacement of SFN# 7801416, TRU SR 5 29.00	Low Income													+
111326	West Park / East State Street	City of Niles - resurfacing of West Park Avenue from Western Corp Limit to Main Street; East State Street from Main Street to Robbins Avenue	Low Income													+

Table 13: Environmental Justice Effects of Projects - Mahoning County

PID	Route	Location and Termini	EJ Designation	EJ Control Variables																
				Accessibility	Aesthetics	Air Noise Water	Businesses	Character	Congestion	Economic Viability	Environment	Residents	Safety							
1	East Park Hike and Bike Trail (Phase II)	Construction of 1660 foot asphalt trail in Mill Creek Park	Low Income / High Minority	+																
10	Elm Street	City of Struthers - resurfacing Elm Street from State Street to 5th Street	Low Income																	+
11	MAH Center Road	resurfacing Center Road from Lowellville Road to Clingan Road	Low Income																	+
12	MAH Mahoning Avenue Rehab (Phase I)	rehabilitation from Meridian Road to Belle Vista Avenue	Low Income / High Minority				+													+
13	MAH Mahoning Avenue Rehab (Phase II)	rehabilitation from Belle Vista Avenue to IR 680 bridge	Low Income / High Minority				+													+
91898	MAH IR 0680 00.00	Resurfacing of MAH IR 680 from 0.00 to 7.31, MAH US 62 from 0.45 to 0.64 and MAH SR 711 from 0.00 to 0.37, and miscellaneous bridge work to 18 structures. Includes the rebuilding of catch basins around the IR 680/SR 193 interchange, rebuilding catch basi	Low Income / High Minority			+														+
100970	D04 CHIP FY2021	Chip seal the following locations; ATB SR 7 from 2.37 to 6.98; ATB SR 45 from 11.06 to 11.50, MAH SR 14 from 0.00 to 0.91 and TRU SR 88 from 22.76 to 23.73.	Low Income																	+
103883	MAH IR 0680 07.31	Resurfacing MAH IR 680 from 7.31 to 12.00, includes minor bridge work to 8 structures.	Low Income / High Minority																	+
105857	MAH IR 0680 00.68/03.73	Redeck MAH-680-0.68 under Four Mile Run Road (SFN 5006392) and replace superstructure on MAH-680-3.73 under Belle-Vista Ave (SFN 5006759).	Low Income / High Minority																	+
106205	MAH LG FY2023	Lighting improvements to the following interchanges...MAH IR 680/Belle Vista, MAH IR 680/Edwards, MAH IR 680/Indianola and MAH IR 680/Midlothian.	Low Income / High Minority																	+
106325	MAH SR 0011 11.48 Noise Wall	Construct noise wall along State Route 11 from the Canfield/Austintown Township Line to CR-18 (Mahoning Ave) in Austintown Township, Mahoning County Ohio.	High Minority			+														
106537	MAH US 62/SR 7 13.10/11.26	Resurfacing MAH US 62 from 13.10 to 14.80 and MAH-SR 7 from 11.26 to 12.12, Urban paving in the City of Youngstown.	Low Income / High Minority																	+
107393	D04 CHIP FY2024	Chip seal the following routes. ATB US 6 from 5.75 to 7.17, ATB SR 193 from 11.09 to 14.57 and 22.54 to 24.12, ATB SR 307 from 14.25 to 17.08, ATB SR 531 from 2.41 to 3.64, MAH SR 617 from 3.77 to 4.74, STA SR 153 from 9.87 to 14.69, STA SR 171 from 0.36	Low Income																	+
108519	MAH IR 0680 01.24	Deck replacement of SFN 5006422 MAH-680-1.24 under Lanterman Rd.	Low Income																	+
109140	MAH Youngstown SRTS 2018	Sidewalk replacement, curb ramp installation, crosswalk striping, signage upgrades around 5 elementary schools in the City of Youngstown.	Low Income / High Minority	+																+
109622	MAH Crescent St Bridge Removal	Remove existing structure over abandon railroad and replace with a new road with a reduced vertical grade. Includes new curb and gutter, 5' sidewalks, drive approaches and drainage system.	Low Income / High Minority			+														+
110187	Youngstown SMART ² Network	City of Youngstown - resurfacing, streetscaping, and other roadway improvements to seven downtown streets; implementation of autonomous shuttle	Low Income / High Minority	+	+		+	+	+	+	+									+
110681	MAH SR 170/625 13.34/0.22	Resurfacing of MAH SR 170 from 13.34 to 14.96 and MAH SR 625 from 0.22 to 2.59.	Low Income / High Minority																	+
110931	MAH IR 0680 09.30 Noise Walls	Construction of noise walls along the eastern side of Interstate I-680 in the City of Youngstown and Boardman Township.	Low Income			+														
111316	Old Orchard Bridge	Rehabilitation of the Old Orchard Bridge on Chestnut Hill Drive in Mill Creek Park	Low Income / High Minority		+			+												
111483	MAH E Newport Dr/Valley Dr	Resurfacing of East Newport Drive and Valley Drive in Mill Creek Park.	Low Income / High Minority																	+
111581	MAH CR 12/VAR-0.00/VAR	Resurfacing of 6 county routes. Includes aggregate berms and striping.	Low Income																	+

Chapter 8 - Title VI

As a recipient of federal transportation funds, Eastgate provides assurance of compliance with U.S. DOT requirements in regards to Title VI and civil rights. As recipients of federal funds, Eastgate and their contractors, subcontractors, material suppliers, vendors, and consultants must:

- Ensure nondiscrimination in all of their programs and activities, whether those programs and activities are federally funded or not. The factors prohibited from consideration as a basis for discriminatory action or inaction include race, color, national origin, sex, age, and disability.
- Provide equal employment opportunity by not discriminating based on race, color, religion, sex, national origin, age, or disability.

The Eastgate Regional Council of Governments hereby gives public notice that it is the policy of the agency to assure full compliance with Title VI of the Civil Rights Act of 1964, the Civil Rights Restoration Act of 1987, Executive Order 12898 on Environmental Justice, and related statutes and regulations in all programs and activities. Title VI requires that no person in the United States of America shall, on the grounds of race, color, sex, or national origin, be excluded from the participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity for which the Eastgate Regional Council of Governments receives federal financial assistance.

Project Evaluation

In compliance with Title VI, Eastgate analyzed the various discriminatory factors in our region to better provide for those in the communities. Upon review of these factors, it was decided that a more thorough analysis of what areas have high concentrations of those living with disabilities and those who have a limited ability to read, speak, write, and understand English would be conducted.

Although individuals that are not English proficient and have a disability live throughout the entire Eastgate area, some specific census tracts showed higher concentrations than others. Based on data from the 2018 ACS, it was found that 15.05% of the Eastgate population are considered to have a disability. Therefore, any census tract with a percentage of population considered disability that is above 15.05% is considered to have a regionally significant concentration of those living with a disability. These census tracts are shown in Figure 6.

Additionally, Eastgate used the same data to conclude that 1.65% of the Eastgate population are English deficient. Therefore, any census tract with a percentage of population considered English deficient that is above 1.65% is considered to have a regionally significant concentration of those living with limited English proficiency. These census tracts are shown in Figure 7.

Figure 6: Disabilities by Census Tract

Census Tracts with Significant Disability

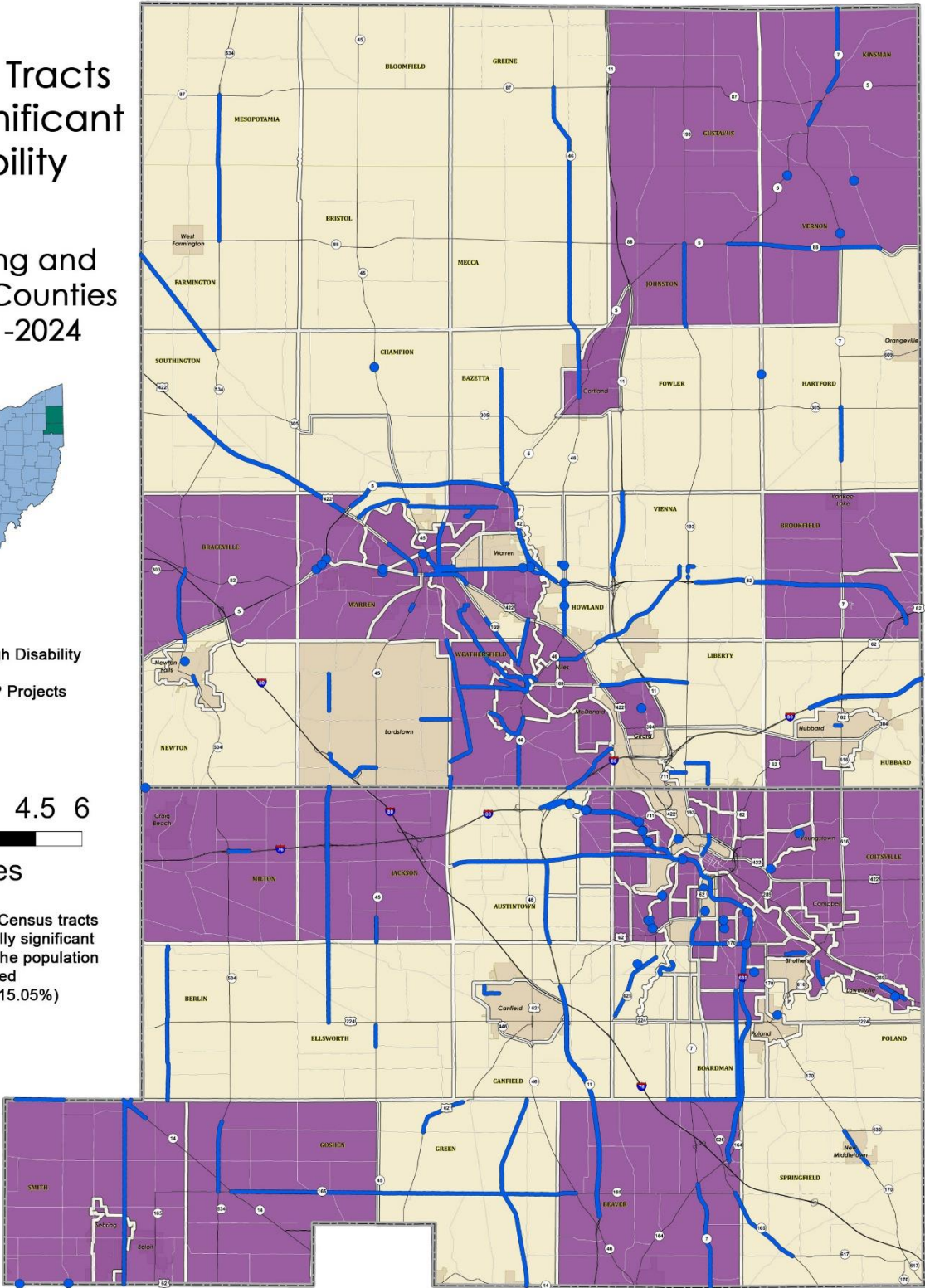
Mahoning and Trumbull Counties
FY 2021-2024



- High Disability
- TIP Projects



High Disability = Census tracts having a regionally significant concentration of the population disabled (more than 15.05%)



3-2020

Figure 7: Limited English Proficiency by Census Tract

Census Tracts with Significant Limited English Proficiency

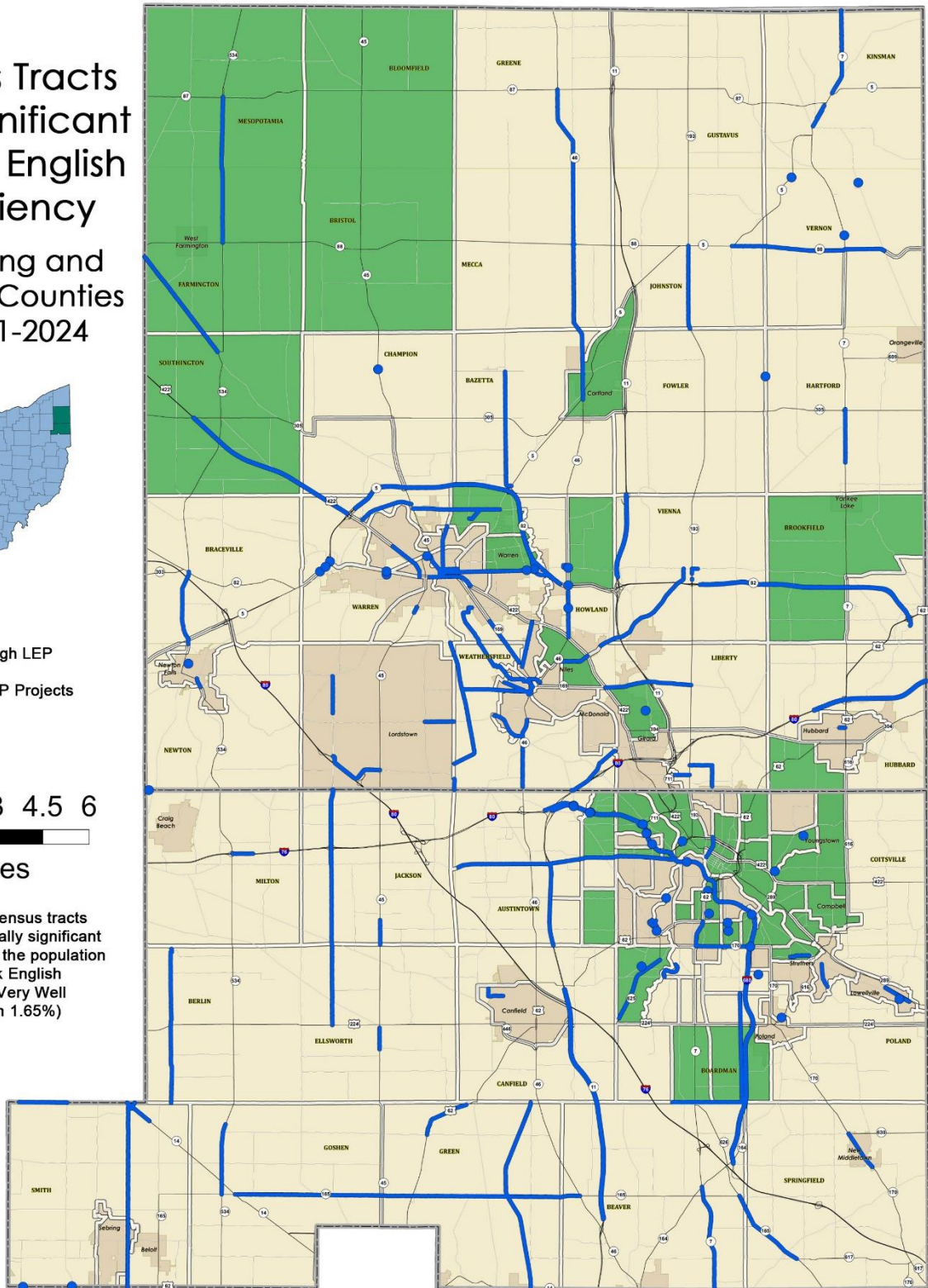
Mahoning and Trumbull Counties
FY 2021-2024



- High LEP
- TIP Projects



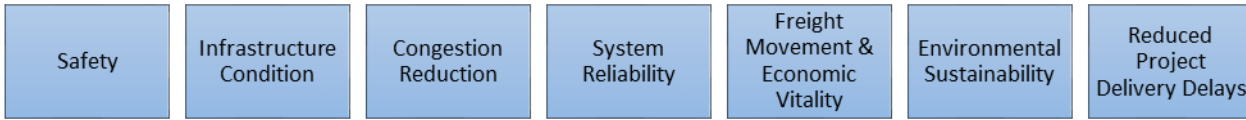
High LEP = Census tracts having a regionally significant concentration of the population who speak English Less than Very Well (more than 1.65%)



3-2020

Chapter 9 - Performance Measures

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 7 key areas, and states are required to establish performance targets in support of these national goals. Projects on Ohio’s STIP address transportation needs in one or more of these key areas, which are:



As part of a memorandum of understand between Eastgate, Trumbull Transit System, Western Reserve Transit Authority, and the Ohio Department of Transportation, standard procedures of operation and coordination concerning the performance-based planning process have been developed. The agreement documents the coordination and consensus among the parties regarding their mutual responsibilities in carrying out the performance-based transportation planning and programming process for the metropolitan planning area.

Safety Performance Management Measures

Federal Rule 23 CFR 490 requires states and MPOs to establish targets for five safety performance measures to demonstrate fatal and serious injury reductions on all public roads. In 2016, ODOT identified five statewide safety baselines through analysis of the crash data in the Ohio Department of Public Safety’s Crash Report System.

In accordance with federal legislation, Ohio used five-year rolling averages to calculate historic crash trends and identify statewide reduction targets. After reviewing historical crash trends, external factors, and through consultation with Ohio’s MPO’s and RTPO’s, Ohio adopted targets based on a 1 percent annual reduction for 2018 across all five measures. The below Table 14 summarizes the baselines and targets.

Table 14: Safety Performance Baseline

Safety Performance Management Measures	BASELINE	TARGET
<i>Number of Fatalities</i>	< 1,072	< 1,051
<i>Number of Serious Injuries</i>	< 9,216	< 9,033
<i>Fatality Rate per 100 Million Vehicle Miles Traveled</i>	< 0.92	< 0.91
<i>Serious Injury Rate per 100 Million Vehicle Miles Traveled</i>	< 8.17	< 8.01
<i>Number of Non-motorized Fatalities and Serious Injuries</i>	< 856	< 840

Eastgate’s TIP includes projects which will improve safety in the region. Eastgate works with ODOT and local officials to identify, apply for, and program projects through ODOT’s HSIP, as well as other funding sources available through Eastgate. Table 15 on the next page lists selected projects in the TIP and the anticipated effect on safety.

Table 15: Safety Projects in Eastgate's TIP

SAFETY PROJECTS IN EASTGATE'S 2021-2024 TIP			
PID	PROJECT	DESCRIPTION	ANTICIPATED EFFECT ON SAFETY
80192	MAH 680/164 Interchange	Construct a new interchange at IR-680 and SR-164 in Beaver Township	Reduction of serious injury and angle crashes.
95446	MAH CR 0151 03.57 South Avenue	Intersection improvements and signalization upgrade from Matthews Road to Midlothian Boulevard in Boardman Township.	Reduction of rear end crashes.
102103	MAH SR 46 16.64	Restripe and reconfigure lanes along SR 46 from Lou Ida Boulevard to County Line Road in Austintown Township	Reduction of serious injury, rear end, and left turn crashes.
103720	MAH SR 0046	Intersection improvements at SR-46 and Mahoning Avenue in Austintown Township.	Reduction of serious injury, rear end, left turn and angle crashes.
104740	TRU CR 0329 3.27 E Market Street	Installing two traffic signals to allow left turns off of SR 82 EB off-ramp to East Market Street	Reduction serious injury, rear end and angle crashes.
107273	MAH-CR162-3.02 New at S.Raccoon	Intersection improvements and signal upgrades at Raccoon Road and New Road	Reduction of driveway related angle crashes.

Eastgate will continue to plan and program projects so that they contribute toward the accomplishment of the Ohio Department of Transportation safety target for that performance measure.

PM2 and PM3 Performance Management Targets

Federal Rule 23 CFR 450 requires states and MPOs to address the transportation performance management pavement and bridge (PM2) and reliability, freight, and CMAQ (PM3) targets. The Ohio Department of Transportation had to report annual targets for pavement, bridge, travel time reliability, freight travel time reliability, and emission reductions measures by May 20th, 2018. Eastgate, as the area MPO, agreed to adopt ODOT's performance management targets through GPB Resolution #048-2018. Table 16 below outlines the 4-year state targets.

Table 16: 4 Year State Targets for PM2 and PM3

NHS Pavement Condition	4 Year State Target
<i>Percent of Interstate Pavements in Good Condition</i>	50%
<i>Percent of Interstate in Poor Condition</i>	1%
<i>Percent of Non-Interstate NHS Pavement in Good Condition</i>	35%
<i>Percent of Non-Interstate NHS Pavement in Poor Condition</i>	3%
NHS Bridge Condition	-
<i>Percent of NHS Bridges by Deck Area in Good Condition</i>	50%
<i>Percent of NHS Bridges by Deck Area in Poor Condition</i>	5%
NHS Travel Time Reliability	-
<i>Percent of Person-Miles Traveled on the Interstate that are Reliable</i>	85%
<i>Percent of Person-Miles Traveled on the Non-Interstate NHS that are Reliab</i>	80%
Interstate Truck Travel Time Reliability	-
<i>Interstate Truck Travel Time Reliability Index</i>	<1.50
Total CMAQ Emission Reduction	-
<i>VOC Total Emission Reduction</i>	69 kg/day
<i>NOX Total Emission Reduction</i>	537 kg/day

As with the adoption of the safety performance management measures, Eastgate's TIP will program projects to address these performance targets. Projects programmed through the Surface Transportation Block Grant Program will aim to address any deficiencies in the NHS system to assure the pavement condition ratings are sufficient. This program, in addition to other funding sources available, will aim to repair bridges that are deemed to be in poor condition. Table 17 lists selected projects in the TIP and the anticipated effect on PM2 targets.

Table 17: Pavement Condition and Bridge Condition Projects

PM2 Performance Management Targets - Pavement Condition and Bridge Condition			
PID	PROJECT	DESCRIPTION	ANTICIPATED EFFECT ON PAVEMENT / BRIDGE CONDITION
80674	MAH Western Reserve Road (Phase I)	Widening of Western Reserve Road from Hitchcock Road to SR 7	Improved pavement condition through resurfacing
84727	TRU Bedford Road (CR 175)	Widening of Bedford Road from Stewart Sharon Road to US-62	Improved pavement condition through resurfacing
95844	TRU US 0422 13.00	Reconstruction of US 422 from Lair Avenue to Ridge Avenue	Improved pavement condition through reconstruction
98773	TRU Burnett East Road Bridge	Replace Burnett East Road Bridge over Sugar Creek	Improved bridge condition through replacement
98774	TRU Morford Road Bridge	Replace Morford Road Bridge over Stratton Creek	Improved bridge condition through replacement
98840	MAH Lowellville Road Bridge	Replace Lowellville Road Bridge over Hines Run	Improved bridge condition through replacement
98980	MAH Federal Street / Market Street	Resurfacing of Federal Street from Phelps Street to Walnut Street; resurfacing of Market Street from Front Street to Commerce Street	Improved pavement condition through resurfacing
99581	TRU Tod Avenue / Atlantic Street	Resurfacing of Tod Avenue from Market Street to Elm Hill Drive; resurfacing of Atlantic Street from Mahoning Avenue to Elm Road	Improved pavement condition through resurfacing
99595	TRU Laird / Genessee / Woodland	Resurfacing of Laird Avenue from Youngstown Road to Atlantic Street; resurfacing of Genessee Avenue from Market Street to Elm Road; resurfacing of Woodland Avenue from Elm Road to Perkinswood Boulevard	Improved pavement condition through resurfacing
101707	TRU Salt Springs / South Leavitt Road	Resurfacing of Salt Springs Road from Elsworth Bailey Road to SR 45; resurfacing of South Leavitt Road from Palmyra Road to Hewitt Gifford Road	Improved pavement condition through resurfacing
101759	TRU Main Street	Resurfacing of Main Street from McCleary Jacoby Street to Erie Street, and Walnut Street to SR 11	Improved pavement condition through resurfacing
101773	MAH 12th Street	Resurfacing of 12th Street from 2,000 feet north of US 62 to 500 feet north of West Pine Lake Road	Improved pavement condition through resurfacing
102004	MAH Meridian Road Upgrade (Phase II)	Reconstruction of Meridian Road from IR 680 to Trumbull County Line	Improved pavement condition through reconstruction
104602	MAH Idora Bridge	Improvement to the Idora Bridge	Improved bridge condition through rehabilitation
104607	MAH Hopkins Road Bridge Replacement	Replacement of Hopkins Road Bridge with a 40' single span prestressed box beam structure	Improved bridge condition through replacement
104612	TRU Reserve Avenue Bridges	Rehabilitation of Reserve Avenue Bridges	Improved bridge condition through rehabilitation
104613	TRU Warner Road Bridge	Replacement of Warner Road Bridge	Improved bridge condition through replacement
104626	TRU Mecca Street	Resurfacing of Mecca Street from Wakefield Drive to Cortland North Corp Limit	Improved pavement condition through resurfacing
104634	TRU West Market Street	Resurfacing of West Market Street from SR 5/82 Interchange to Lovers Lane	Improved pavement condition through resurfacing
104635	TRU State Road	Resurfacing of State Road from SR 45 to SR 305	Improved pavement condition through resurfacing
104643	TRU Trumbull Avenue	Resurfacing of Trumbull Avenue from US 422 to Girard East Corp Limit	Improved pavement condition through resurfacing

104644	TRU East Liberty Street	Resurfacing of East Liberty Street from US 422 to Girard East Corp Limit	Improved pavement condition through resurfacing
104645	MAH Rayen Avenue	Resurfacing of Rayen Avenue from MLK Boulevard to Watt Street	Improved pavement condition through resurfacing
104652	MAH Front Street	Resurfacing and installing landscaped median of Front Street from Marshall Street to South Avenue	Improved pavement condition through resurfacing
104656	TRU Myron Street Bridge Replacement	Replacement of Myron Street Bridge	Improved bridge condition through replacement
104657	MAH Mahoning Avenue	Resurfacing of Mahoning Avenue from Meander Reservoir Bridge to Meridian Road	Improved pavement condition through resurfacing
104658	MAH South Avenue	Resurfacing of South Avenue from Western Reserve Road to Presidential Drive	Improved pavement condition through resurfacing
104659	MAH Fifth Avenue	Resurfacing and installing landscaped median of Fifth Avenue from Federal Street to Madison Avenue Expressway	Improved pavement condition through resurfacing
104866	MAH Commerce Street	Resurfacing of Commerce Street from Fifth Avenue to Federal Street	Improved pavement condition through resurfacing

Travel time reliability is one of the major concerns for travels in the Eastgate region. Community members must be able to affectively arrive at their destinations at the planned time. To help assure our trips meet the targets set, Eastgate plans projects through the Surface Transportation Block Grant Program, the Highway Safety Improvement Program, and most importantly the Congestion Mitigation and Air Quality Program that aim to improve overall reliability. Table 18 below lists selected projects in the TIP and the anticipated effect on PM3 targets.

Table 18: Travel Time Reliability and Emission Reduction Projects

PM3 Performance Management Targets - Travel Time Reliability and Emission Reduction			
PID	PROJECT	DESCRIPTION	ANTICIPATED EFFECT ON TRAVEL TIME / EMISSIONS
80192	MAH 680/164 Interchange	Construct interchange at IR 680 and SR 164	Improved travel time reliability and emission reduction through construction of new interchange and roundabout
80674	MAH Western Reserve Road (Phase I)	Widening of Western Reserve Road from Hitchcock Road to SR 7	Emission reduction through addition of two way left turn lane
85005	MAH MetroParks Bikeway (Phase III)	Construction of 6.25 mile multi-use trail from Western Reserve Road to SR 14	Emission reduction by completion of multi-use trail
95446	MAH South Avenue	Intersection improvements and signalization upgrade from Matthews Road to Midlothian Boulevard	Improved travel time reliability and emission reduction through intersection and signal upgrades
97934	TRU Tibbetts Wick	Construction of 550 foot westbound right turn lane on Tibbetts Wick Road	Improved travel time reliability and emission reduction through intersection improvements
99577	TRU North Road / Reeves Road	Intersection improvements, includes north and southbound dedicated turn lanes	Improved travel time reliability and emission reduction through intersection improvements
99586	TRU North Road / North River Road	Intersection improvements, includes north and southbound dedicated turn lanes	Improved travel time reliability and emission reduction through intersection improvements
99802	MAH Western Reserve Road Roundabout	Constructing roundabout at 5 leg intersection where Western Reserve Road, North Lima Road, and Springfield Road intersect	Improved travel time reliability and emission reduction through construction of roundabout

99804	TRU Western Reserve Greenway (Phase IV)	Construct Phase IV of the Western Reserve Greenway Bike Trail	Emission reduction by completion of multi-use trail
102541	TRU East Market Street / North Road	Intersection improvements at East Market Street and North Road, includes exclusive westbound right turn lane	Improved travel time reliability and emission reduction through intersection improvements
102542	MAH Youngstown Signals	Signal upgrade at 17 locations throughout the city	Improved travel time reliability and emission reduction through signal upgrades

Eastgate will continue to work with its local officials as well as ODOT to identify, apply for, and program projects through various funding sources to address the PM2 and PM3 performance management targets.

Projects

In conjunction with the goals and objectives of Eastgate’s Congestion Management Process and Metropolitan Transportation Plan, the performance measures identified in the TIP work to achieve the targets previously identified. Figure 8 below shows the amounts of projects identified in the Eastgate region that attribute toward reaching targets for safety, pavement, bridges, travel time, emissions, bike/pedestrian, and travel delay.

Figure 8: Funding for PM2 and PM3 Targets

STIP Projects Improving Safety ¹			
Projects funded with HSIP \$	HSIP \$ (Millions)	Projects funded without HSIP \$	Non-HSIP \$ (Millions)
6	\$7.3 M	31	\$23.6 M
¹ Projects that have safety funding or a primary project purpose group of Safety or that have one of the following federal improvement codes (Safety, Safety & Education of Pedestrians/Bicycles).			
STIP Projects Improving Pavements			
Road Type	Number of Projects	Lane Miles Improved ¹	Construction \$ (Millions) ²
Interstate	7	128	\$27.5 M
Non-Interstate NHS	15	240	\$43.7 M
¹ Sum of road segments on STIP that have pavement treatments.			
² Sum of construction contract costs on STIP projects that are devoted specifically to improving pavement condition of interstates or Non-Interstate NHS roads.			

STIP Projects Improving NHS Bridges

Number of Projects	Bridges Improved ¹	Construction \$ (Millions) ²
15	108	\$28.8 M

1 Sum of bridges on STIP projects in that have bridge treatments.

2 Sum of construction contract costs on STIP projects that are devoted specifically to improving bridge condition of NHS bridges.

STIP Projects Improving Travel Time

Road Type	Number of Projects ¹	Construction \$ (Millions) ²
Interstate	0	\$. M
Non-Interstate NHS	0	\$. M

1 Projects that have one of the following project purposes (Bridge Expansion, Intersection Expansion, Interchange Expansion, New Roadway, Add Through Lane(s), Rail Grade Separation, Transport System Mgmt and Ops) or that are marked with one of the following enhancements (Auxiliary Lanes, New Traffic Control Devices, Rail Grade Separation, Signal Coordination, Turn Lanes, 2-Way Left Turn Lanes, Widened Bridges, Widened Intersections), or that have one of the following federal improvement codes (New Construction, Reconstruction -Added Capacity, Bridge - New Construction, Bridge Replacement - Added Capacity, Rail/ Highway Crossing, Traffic Management Engineering - HOV)

2 Sum of construction contract costs for STIP projects that meet criteria 1 above.

STIP Projects with CMAQ Funding

Number of Projects	CMAQ \$ (Millions)
10	\$18.7 M

STIP Projects Improving Non-SOV Travel¹

Projects funded with CMAQ \$	CMAQ \$ (Millions)	Projects funded without CMAQ \$	Non-CMAQ \$ (Millions)
2	\$5.6 M	13	\$4. M

1 Projects that have a primary project purpose related to one of the following (Pedestrians, Bicycles, Rideshare) or that have one of the following federal improvement codes (Facilities for Pedestrians & Bicycles)- Note that transit projects and expenditures are captured separately in the transit state of good repair section.

STIP Projects Improving Peak Hour Excessive Delay¹

Projects funded with CMAQ \$	CMAQ \$ (Millions)	Projects funded without CMAQ \$	Non-CMAQ \$ (Millions)
2	\$4.5 M	1	\$7.5 M

1 Projects that have one of the following primary project purposes (Bridge Expansion, Intersection Expansion, Interchange Expansion, New Roadway, Add Through Lane(s), Rail Grade Separation) or that have one of the following federal improvement codes (New Construction, Reconstruction -Added Capacity, Bridge - New Construction, Bridge Replacement - Added Capacity, Rail/ Highway Crossing, Traffic Management Engineering - HOV) or that are marked with one of the following enhancements (Auxiliary Lanes, New Traffic Control Devices, Rail Grade Separation, Signal Coordination, Turn Lanes, 2-Way Left Turn Lanes, Widened Bridges, Widened Intersections).

Appendix A - Statewide Line Items

Appendix B - Eastgate Funding Guidelines and STBG / TAP / CMAQ Program Processes

(Available at the Eastgate office upon request)

Appendix C - Public Involvement

Public Involvement Process

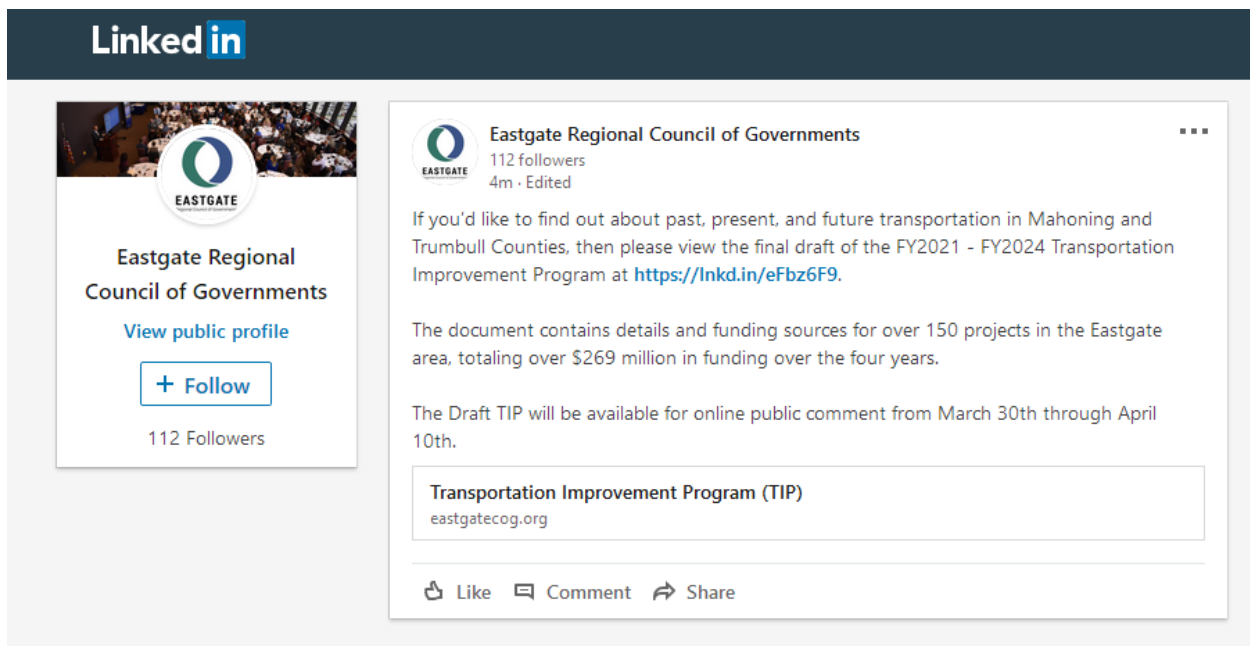
Eastgate’s public involvement process is very instrumental in the development of Eastgate’s FY 2021 - 2024 Transportation Improvement Program. The corner stone of this process is the collaborative participation of transportation agencies, elected officials, transportation special interest, and the public. This cooperative effort provided an opportunity to comment of improvements that would affect the region’s transportation system. The TIP public review meeting was initially scheduled to be held on April 2nd, 2020, to thoroughly review the TIP document.

In response to public wide closures due to the COVID-19 virus outbreak, Eastgate transitioned to a fully electronic public involvement process. Listed below is the schedule of developmental activities leading up to the April 2020 TIP submittal to the Federal Highway and Federal Transit Administrations.

- January 2020 - Draft TIP project list presented to Eastgate’s TAC and CAB
- February 2020 - Draft TIP presented to TAC, ODOT Districts, MPO’s, and Transit Agencies
- March 2020 - Draft TIP available for public review on Eastgate’s website and social media pages
- April 2020 - TAC and CAB recommendations on final TIP action by General Policy Board at April meeting
- April 2020 - Copies of GPB approved TIP presented to ODOT for inclusion in STIP

Eastgate maintained a fully electronic public involvement process. The screenshots below show how Eastgate used various social media resources to reach out to the public in this unique time. Eastgate used Facebook, Twitter, and LinkedIn to attempt to reach out to the public.

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Reminder that public comments for the Draft 2021 - 2024 Transportation Improvement Program close on Friday, April 10th. Visit <https://lnkd.in/eFbz6F9> to view the draft plan and access the comment form

Transportation Improvement Program (TIP)
eastgatecog.org

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Today is the final day to provide comments on the Draft 2021-2024 Transportation Improvement Program. Approximately \$269 million will be used for highways, public transit, and bikeway/pedestrian projects. Visit <https://lnkd.in/eFbz6F9>

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Yesterday at 5:15 AM · 🌐

If you'd like to find out about past, present, and future transportation in Mahoning and Trumbull Counties, then please view the final draft of the FY2021 - FY2024 Transportation Improvement Program at eastgatecog.org/transportation/TIP.

The document contains details and funding sources for over 150 projects in the Eastgate area, totaling over \$269 million in funding over the four years.

The Draft TIP will be available for online public comment from March 30th through April 10th.



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April 8 at 10:24 AM · 🌐

Reminder that public comments for the Draft 2021 - 2024 Transportation Improvement Program close on Friday, April 10th. Visit <https://eastgategog.org/transportation/TIP> to view the draft plan and access the comment form

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 **Eastgate Regional Council of Governments**
April 10 at 5:34 AM · 🌐

Today is the final day to provide comments on the Draft 2021-2024 Transportation Improvement Program. Approximately \$269 million will be used for highways, public transit, and bikeway/pedestrian projects. Visit <https://eastgategog.org/transportation/TIP>

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The document contains details and funding sources for over 150 projects in the Eastgate area, totaling over \$269 million in funding over the four years.

The Draft TIP will be available for online public comment from March 30th through April 10th.



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1



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Public Comments

Eastgate utilized multiple ways for the public to be able to comment on the FY2021-2024 TIP. Eastgate created ways to submit comments through mail, over the phone, and electronically. The following comment form was created to allow members of the public to submit electronically.

2021 - 2024 Transportation Improvement Program Public Comment Form

If you'd like to find out about past, present, and future transportation in Mahoning and Trumbull Counties, then please view the final draft of the FY2021 - FY2024 Transportation Improvement Program at eastgatecog.org/transportation/TIP.

The document contains details and funding sources for over 150 projects in the Eastgate area, totaling over \$269 million in funding over the four years.

A few significant projects identified in Eastgate's TIP include:

- Western Reserve Road Widening
- Western Reserve Greenway Bike Trail (Phase IV)
- SR 46 / SR 82 Diverging Diamond Interchange
- Youngstown SMART² Network

The Draft TIP will be available for online public comment from March 30th through April 10th. Please note that Eastgate will not be accepting comments in person due to the COVID-19 outbreak. Comments will be available to be submitted electronically, by mail, and verbally over the phone. To provide comments via mail or phone, contact Stephen Zubyk (234-254-1513; szubyk@eastgatecog.org) for instructions.

Because the Eastgate TIP is one of 17 such programs from metropolitan planning organizations across Ohio that will comprise the four-year state TIP, you may view and comment on the Ohio Department of Transportation's Draft state TIP by visiting transportation.ohio.gov/stip.

For more information or if you have any questions, please contact Stephen Zubyk by phone (234-254-1513) or by email (szubyk@eastgatecog.org)

Name

Felicia Burkholder

Address

688 W. Wood St. Lowellville, OH 44436

Telephone

330.360.4813

Email

Beeshaboo24@gmail.com

Comments *

Maybe I missed it, but why isn't there anything on the TIP to address the interchange of Shirley Rd. at 680 - it can't be used by trucks and is configured odd - you have to drive through a neighborhood when you get off.

April 21st, 2020

Ms. Felicia Burkholder
688 W. Wood Street
Lowellville, OH, 44436

Dear Ms. Burkholder:

First off, thank you for viewing Eastgate's Transportation Improvement Program draft document online, I appreciate your involvement and interest in our program. Regarding your comment, Eastgate, in partnership with local public and private entities through Eastgate's Grow Mahoning Valley group, is actively seeking solutions for the interchange at Interstate 680 and Shirley Road. Since there are currently no phases of this project with federal funds it will not be present in the Transportation Improvement Program. Your comments regarding the interchange at Interstate 680 and Shirley Road are appreciated and will be incorporated in Appendix B of the FY 2021 - FY 2024 Transportation Improvement Program. This appendix is the Public Involvement section and will be documented for reference and review by local, state, and federal agencies. If you have any additional comments or questions, please feel free to contact me at 234-254-1513.

Respectfully,

Eastgate Regional Council of Governments



Stephen Zubyk
TIP Manager

Appendix D - Resolutions

GPB RESOLUTION #013-2020

RESOLUTION

**OF THE EASTGATE REGIONAL COUNCIL OF GOVERNMENTS AFFIRMING THAT
THE METROPOLITAN TRANSPORTATION PLAN (MTP), AND APPROVAL OF THE
TRANSPORTATION IMPROVEMENT PROGRAM (TIP) IS CONSISTENT WITHIN THE
STATE IMPLEMENTATION PLAN**

WHEREAS, the Eastgate Regional Council of Governments (Eastgate) is officially 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 Mahoning and Trumbull Counties; and

WHEREAS, Eastgate, is the designated MPO for transportation planning in the Youngstown Metropolitan Area which include in its' study area Mahoning and Trumbull Counties; and

WHEREAS, Eastgate, is a Transportation Management Area (TMA) formally identified and established in ISTE, included in TEA-21, retained in SAFETEA-LU, and MAP - 21, and continued under the new transportation legislation - the Fixing America's Surface Transportation Act (FAST Act); and

WHEREAS, Eastgate, pursuant to the Ohio Office of Management and Budget Intergovernmental Review Process, is designated as the Intergovernmental Review Agency for Mahoning and Trumbull Counties; and

WHEREAS, the MPO has, pursuant to 23 United States Code 134, and 49 United States Code 1602(a), 1603(a), and 1604 (g)(1), completed the 2040 MTP Update and met the triennial approval date of July 30, 2018; and

WHEREAS, the MPO has, pursuant to 23 United States Code 134, and 49 United States Code 1602(a)(z), 1603(a), and 1604(g)(1) and (1), prepared a Transportation Improvement Program for Fiscal Years 2021 - 2024 for Mahoning and Trumbull county area; and

WHEREAS, on June 12, 2007, the Federal Register/Vol. 72, No. 112 / Rules and Regulations (page 32193) publication stated that the Youngstown Warren-Sharon PA-OH Counties of Columbiana, Mahoning, and Trumbull, were in "Attainment" of the 8-Hour Ozone Standard; and

WHEREAS, on November 13, 2009, the Federal Register/Vol. 74, No. 218 / Rules and Regulations (page 58697) publication stated that the Youngstown Ohio area was attaining the 24-Hour PM2.5 National Ambient Air Quality Standards; and

WHEREAS, the Eastgate region is a 1997 ozone standard maintenance area with 2009 and 2018 (MOBILE based) budgets, and, the region is also a 2008 ozone standard and PM2.5 (1997 and 2006 standards) attainment area; and

WHEREAS, effective July 20, 2013 the 1997 ozone standard was revoked for conformity purposes and accordingly Eastgate's Metropolitan Transportation Plan (MTP) and Transportation Improvement Program (TIP) no longer need to demonstrate transportation conformity but is still required to update its MTP on a five-year schedule – with a minor MTP update scheduled for May 2018; and

GPB RESOLUTION #013-2020- continued

WHEREAS, the U.S. Court of Appeals for the D.C. Circuit recently issued a decision in *South Coast Air Quality Management District v. EPA*, No. 15-1115, which struck down portions of the *2008 Ozone NAAQS SIP Requirements Rule* concerning the ozone National Ambient Air Quality Standards (NAAQS). These portions of the *2008 Ozone NAAQS SIP Requirements Rule* addressed implementation requirements associated with the revocation of the 1997 ozone NAAQS; and

WHEREAS, Eastgate's 2040 MTP Update air quality conformity process was addressed through coordination with the U.S.EPA, Ohio E.P.A., Ohio-FHWA, ODOT Central Office Division of Modeling/Forecasting and the Division of Statewide Planning/Research, and Eastgate; and

WHEREAS, on June 8, 2018, an air quality interagency e-mail was sent between the above-named agencies, outlining Eastgate's 2040 MTP Update adoption and a new conformity finding. The purpose of the e-mail was to have concurrence from the group about Eastgate's air quality conformity process regarding the latest planning assumptions, emission modeling, conformity analyses years, plan schedule, public review and final plan approval timelines. The group confirmed the 8-Hour Ozone MTP and TIP Air Quality Conformity Parameters; and

WHEREAS, the air quality analyses have determined the conformity status for the agency's 2040 MTP Update, the determination of the conformity of the existing FY 2018-2021 Transportation Improvement Program (TIP), and for the new FY 2021-2024 TIP which will be approved on July 1, 2020.

NOW, THEREFORE, BE IT RESOLVED:

1. That this Board previously approved the 2040 Metropolitan Transportation Plan Update as the transportation Plan for the Youngstown-Warren area on July 30, 2018 and recommends that its members incorporate these improvements into their planning for transportation improvements in their governmental units; and
2. That this Board adopts the Fiscal Year 2021 - 2024 Transportation Improvement Program and recommends that its members incorporate these improvements into their transportation improvement programming for their governmental units; and
3. That Eastgate further determined that the FY2021 - FY2024 Transportation Improvement Program does not increase the frequency or severity of emissions of the relevant pollutants in the future, relative to emissions over the same period without the program.
4. That this Board affirms the FY2021 - FY2024 MPO TIP will become effective concurrent with US DOT approval of the FY2021 - FY2024 Ohio State Transportation Improvement Program.

Passed this 27th day of April, 2020.

ATTEST:


James G. Kinnick, P.E., Executive Director


Julie M Green, Chair

GPB RESOLUTION #014-2020

RESOLUTION
**CERTIFICATION OF THE URBAN TRANSPORTATION PLANNING
PROCESS OF THE EASTGATE REGIONAL COUNCIL OF GOVERNMENTS**

WHEREAS, the Eastgate Regional Council of Governments (Eastgate) is designated as the Metropolitan Planning Organization (MPO) by the Governor of Ohio acting through the Ohio Department of Transportation (ODOT) and in cooperation with locally-elected officials in the Youngstown-Warren urbanized area as evidenced in the Agreement of Cooperation, number 32964, between ODOT and Eastgate encompassing Mahoning and Trumbull Counties; and

WHEREAS, the federal regulations pertaining to urban transportation planning, published as 23 United States Code 134, require the MPO and ODOT to certify that the transportation planning process cooperatively conducted is in conformance with the regulations; and

WHEREAS, the federal regulations, 23 United States Code 134, require that the urban transportation planning process shall include activities to support the development and implementation of a transportation plan and a Transportation Improvement Program inclusive of an annual element and subsequent project development activities to the degree appropriate for the area. These activities have been acted upon by the General Policy Board of the Eastgate by separate resolution number 013-2020 dated April 28, 2020; and

WHEREAS, that in accordance with 23 United States Code 134, ODOT and Eastgate as the MPO for the Youngstown/Warren urbanized areas, hereby certify to the FHWA and the FTA that the transportation planning process is addressing major issues in the metropolitan planning area and is being carried out in accordance with all applicable requirements of:

1. 49 U.S.C. Section 5323 (k), 23 U.S.C. 135, and 23 United States Code 134; and
2. Title VI of the Civil Rights Act of 1964 and the Title VI assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794; and
3. Section 1101 of the Moving Ahead for Progress in the 21st Century Act (MAP-21) (Public Law 112-141) regarding the involvement of socially and economically disadvantaged business enterprises in FHWA and the FTA funded projects (sec. 105(f), Pub. L. 97-424, 96 Stat. 2100; 49 CFR part 23) and MAP-21 sections §1101(b), 1109, 52004(4)(A); 23 USC 104(a), 140(b)-(c), 504(e); and
4. The provisions of the Americans with Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and U.S. DOT implementing regulation; and
5. The provisions of 49 CFR part 20 regarding restrictions on influencing certain Federal activities; and GPB Resolution #009-2017 - continued
6. Sections 174 and 176 (c) and (d) of the Clean Air Act as amended (42 U.S.C. 7504, 7506, (c) and (d)).

GPB RESOLUTION #014-2020- continued

NOW, THEREFORE, BE IT RESOLVED, that in accordance with 23 United States Code 134, the Eastgate Regional Council of Governments, the Metropolitan Planning Organization for the Youngstown/Warren urbanized areas certifies, in consideration of the requirements listed herein and to the degree appropriate for the size of the area and the complexity of its transportation problems, that the urban transportation planning process is being carried out in conformance with all the applicable federal requirements of 23 United States Code 134.

Passed this 27th day of April, 2020.

ATTEST:



James G. Kinnick, P.E., Executive Director



Julie M Green, Chair

GPB RESOLUTION #015-2020

RESOLUTION
**OF THE EASTGATE REGIONAL COUNCIL OF GOVERNMENTS TO REVISE
 FUNDING POLICIES AND PROGRAMING RESTRICTIONS FOR THE FY2021 -
 FY2024 TRANSPORTATION IMPROVEMENT PROGRAM**

WHEREAS, the Eastgate Regional Council of Governments (Eastgate), the designated Metropolitan Planning Organization (MPO) for Mahoning and Trumbull Counties, is responsible for developing a financially constrained bi-annual Transportation Improvement Program (TIP); and

WHEREAS, in Eastgate's efforts to manage the FY2021 - FY2024 TIP for transportation system improvements, it has become necessary to revisit, and if necessary revise, Eastgate's funding policies and implement programming restrictions for those projects using Eastgate's annual federal obligation authority of STP, TAP, and CMAQ funds; and

WHEREAS, the following policy restrictions for funding all project phases as stipulated in this resolution, including Preliminary Engineering (PE), Right-of-Way acquisition (R/W), and Construction (C), shall be implemented immediately upon approval of this resolution by the Eastgate General Policy Board and reviewed on an as needed basis by the Eastgate Technical Advisory Committee and Citizens Advisory Board for reconsideration:

Preliminary Engineering: Eastgate's allocations of STP and CMAQ funding will be provided for the Preliminary Engineering phase of any project at the request of the local sponsor and approval of the GPB. Preliminary Engineering will include activities associated with environmental assessment, alternative scenario development, and the preparation of final construction plans, specifications and estimates. The project sponsor shall be responsible for all costs incurred for PE above the GPB resolution federal amount. In the event of a short fall in funding, the project sponsor must request and receive approval for additional federal funding amounts.

Right-of-Way Acquisition: Eastgate's allocations of STP and CMAQ funding will be provided for the acquisition of right-of-way for any project at the request of the local sponsor and approval of the GPB. The project sponsor shall be responsible for all costs incurred for R/W above the GPB resolution federal amount. In the event of a short fall in funding, the project sponsor must request and receive approval for additional federal funding amounts.

Construction: Eastgate's allocations of STP, CMAQ and TAP funding will be provided for the construction of any project at the request of the local sponsor and approval of the GPB. The project sponsor will be responsible for all cost incurred for C above the GPB resolution federal amount. In the event of a short fall in funding, the project sponsor must request and receive approval for additional federal funding amounts.

NOW, THEREFORE, BE IT RESOLVED that the General Policy Board of the Eastgate Regional Council of Governments, State of Ohio, hereby supports the adoption of the funding policies and programming restrictions for the FY2021 - FY2024 TIP as listed above, which will be reviewed on a yearly basis by the Eastgate Technical Advisory Committee and Citizens Advisory Board and subject to revision as approved by the Eastgate General Policy Board.

GPB RESOLUTION #015-2020 continued

Passed this 27th day of April, 2020.

ATTEST:


James G. Kinnick, P.E., Executive Director


Julie M Green, Chair

Appendix E - Air Quality Conformity Determination

(Available at the Eastgate office upon request)