

Projects with Significance for Freight

The SAFETEA-LU federal transportation legislation contains specific provisions to incorporate goods movement and economic development (or, more simply, freight) considerations in the MPO programming process. Through its long-range transportation planning, TIP development, and the conduct of technical studies (e.g., Greater Columbus Inland Port Studies, Inventory of Railroad Operations and Right-of-Way, Central Ohio Freight Fact Book, Rickenbacker Road Area Assessment, etc.), MORPC has proactively sought to fulfill the federal requirement to include freight as a planning factor. MORPC's goal is to engage leaders in the central Ohio region in a public/private partnership for our economy and for the mobility of freight and goods. This is done in order to advance the region's freight movement in a reliable, multimodal and intermodal, efficient, cost-effective, safe, and environmentally responsible manner, in order to maintain central Ohio as an international freight center.

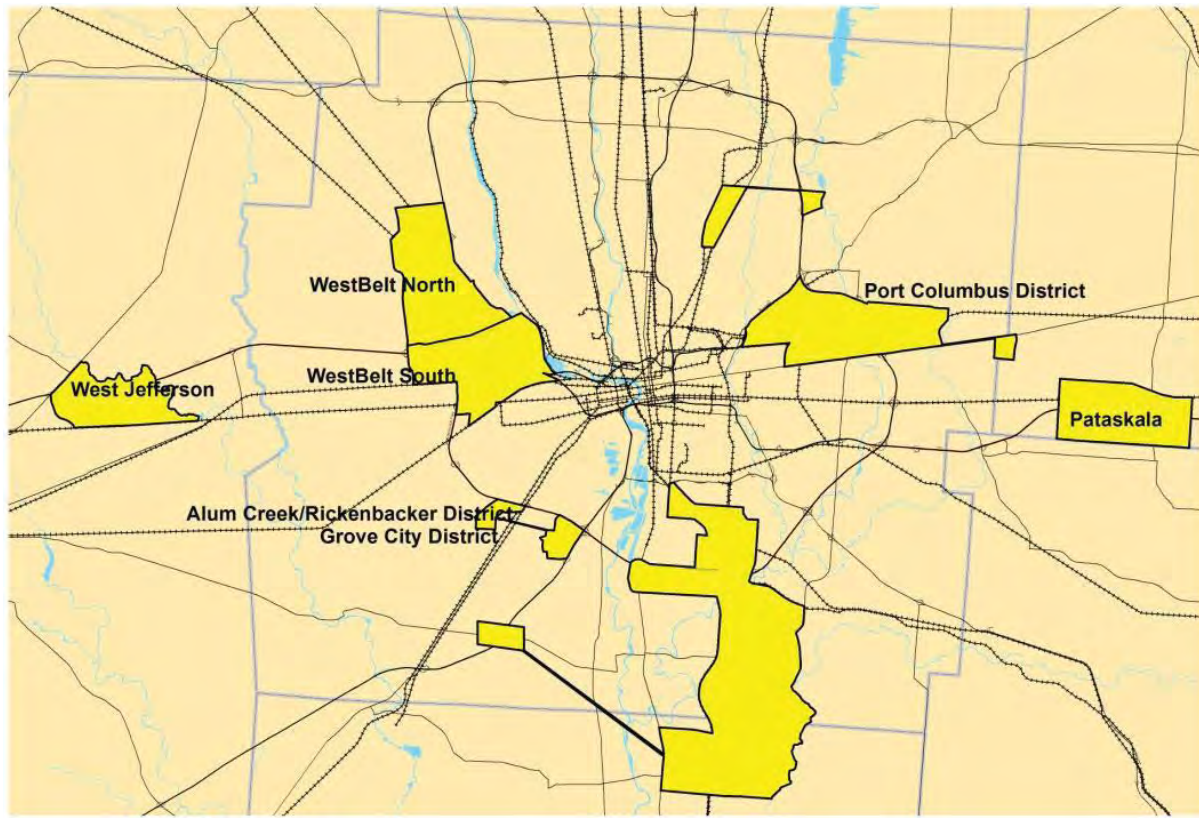
Central Ohio Freight Overview

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

Strategically located within 500 miles, or a one-day truck trip, of over 58% of the U.S. population, 50% of the Canadian population, 61% of the U.S. manufacturing capacity and 80% of the U.S. corporate headquarters, Columbus, Ohio sits at a freight distribution nexus. Columbus is also fortunate to be at the cross-roads of major interstates, 2 international airports, major intermodal rail yards, 2 Class-1 railroads, and many trucking companies. As a result, many manufacturers, distributors and logistics companies have located within the region.

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

Central Ohio Freight Districts, 2011



MORPC's Role in Freight Planning

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

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

The identified projects have a direct, significant, and positive association with the flow of goods at intermodal facilities, near manufacturing, office, or commercial locations, or in corridors. The projects improve intermodal connectivity, National Highway System (NHS) intermodal connector routes, operating conditions for commercial vehicles, and access to economic activity centers. The benefits of the projects can be expressed in terms of increasing safety, security, and efficiency, spurring economic activity, creating jobs, and protecting the environment and the region's quality of life. The following pages provide a listing of the 41 projects selected for the F-TIP, all of which are identified on the comprehensive map.

Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
970	Delaware City DEL-TR015-US-36	NA	E	0.42 mi	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor. Local Let <input type="checkbox"/> Minor Widening					T-Plan Reference: Project ID 539
Houk Rd from US-36 to SR-37, Minor Widening from 2 to 3 lanes, middle phase. Road currently serves as a designated truck route for truck traffic traveling SR37 unable to clear the low RR bridge on SR37 W of downtown Delaware.									PE DD \$50 LOCAL ROW \$50 LOCAL	CON \$350 LOCAL
Total Project Costs*:						\$450			\$100	\$350
632	Delaware City DEL-US023-12.990	80105	SA	0.75 mi	Ped Components: Maybe - To be determined. Still in design; 0.75 mi. added to ped network. Bike Components: Maybe - To be determined. Still in design; 0.75 mi. added to bike network. Local Let <input type="checkbox"/> Interchange Modification					T-Plan Reference: Project ID 208
US-23 at Pennsylvania Ave, Interchange Modification, to allow full access to/from all directions.						PE ENVIR \$101 STP-M PE DD \$200 STP-M PE DD \$50 LOCAL	ROW \$480 STP-M ROW \$120 LOCAL	CON \$1,300 STP-M CON \$700 LOCAL		
Total Project Costs*:						\$2,951	\$351	\$600	\$2,000	
2490	ODOT 6 DEL-US036-07.280	88636	E	mi	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor. Local Let <input type="checkbox"/> Resurfacing					T-Plan Reference: Project ID 1026
US 36 from E of Section Line Rd to Delaware E corp limit, Resurfacing, and SR-521 from US 36 to Delaware corp limit. Two lane urban/rural resurfacing project.						CON \$526 STP-S CON \$647 NHS CON \$44 STATE CON \$272 LOCAL				
Total Project Costs*:						\$1,489	\$1,489			

*All Amounts in 1,000's

May 9, 2011

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

Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
1386	ODOT 6 DEL-US036-17.66	76276	SA	1 mi	SA Interchange Modification/Safety Improvement	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor.				T-Plan Reference: Project ID 701
<p>US-36 at I-71, Interchange Modification/Safety Improvement, add turn lanes to both NB and SB exit ramps providing double left and double right turn lanes. An EB US 36 to SB I-71 slip ramp and widened on-ramp will be constructed. The US 36 structure over IR 71 will be restriped to provide two through lanes in each direction and side by side left turn lanes. Turn lane extensions through the ramp intersections will provide additional storage. Proposed signal at US 36 and Wilson Rd as well as a rear access road from Flying J to Wilson Rd. Addition of removable type curb with delineators to prohibit left turns from driveways to create right in/right out drives. Some structure repair work also included. Pavement to be resurfaced.</p>						ROW \$1,755 HSIP ROW \$195 STATE CON \$1,389 ODPS Safety CON \$1,820 HP CON \$90 STP-S CON \$212 STATE				
Total Project Costs*:		\$5,461			\$5,461					
2427	ODOT 6 DEL-IR071-07.91	90200	E	mi	E Study/New Interchange	Ped Components: Not Applicable. ; 0 mi. added to ped network. Bike Components: Not applicable. ; 0 mi. added to bike network.				T-Plan Reference: Project ID 701
<p>I-71 from Cheshire Rd to Berkshire Rd, Study/New Interchange, Preliminary studies in the area of the I-71 interchange at US36/SR37 to determine future interchange and road improvements to accommodate future development.</p>						PE ENVIR \$4,500 IM PE ENVIR \$500 STATE	PE DD \$4,200 LOCAL			
Total Project Costs*:		\$9,200			\$5,000	\$4,200				
1947	ODOT 6 DEL-IR071-11.50	86921	SA	8.9 mi	SA Major Widening	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor.				T-Plan Reference: Project ID 272
<p>I-71 from Berkshire Rd to Crall Rd in Morrow Co., Major Widening from 4 to 6 lanes, Full depth pavement replacement and addition of third median lane. Widen mainline bridge at Crall Rd. Replace decks, paint, and raise four overhead bridges.</p>								CON \$47,058 IM CON \$2,566 HBP CON \$10,688 NHS CON \$8,186 STATE		
Total Project Costs*:		\$68,496					\$68,496			

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
1882	CRAA FRA-Alum Cr Dr Ext-Phase 2B	86555	SA	0.4 mi	Local Let <input checked="" type="checkbox"/> Major Widening/Intersection Modification	Ped Components: Sidewalk on 1 side, multi-use path on 1 side. sidewalk on the south/east side; 0.8 mi. added to ped network Bike Components: Multi-use path. ; 0.4 mi. added to bike network.				T-Plan Reference: Project ID 830
Rickenbacker Pkwy (Phase 2B) from Second St to SR-317, Major Widening/Intersection Modification from 2 to 4 lanes, Intersection improvements with SR-317. Minor realignment near Port Rd. This project was split from PID 81885. PID 81885 became Phase 2A (ODOT ARRA) and this PID became Phase 2B (MORPC STP).						CON \$8,360 STP-M				
						CON \$2,090 LOCAL				
Total Project Costs*:						\$10,450	\$10,450			
151	Columbus FRA-SGNL-Phase B	13034	E	mi	Local Let <input checked="" type="checkbox"/> Signalization	Ped Components: ADA curb ramps. At about 20% of the intersections, a signal rebuild will be necessary, which includes curb Bike Components: None. No change to the vehicle detection equipment included in project.; 0 mi. added to bike network.				T-Plan Reference: Project ID 118
Signals Phase B, Signalization, extend Columbus Traffic Signal System following the framework laid out in the CTSS study and include new intersections and install new pan-tilt-zoom surveillance cameras.						ROW \$125 CMAQ-M	CON \$5,396 CMAQ-M			
						CON \$2,948 LOCAL				
Total Project Costs*:						\$8,469	\$8,344			
102	Columbus FRA-SGNL-Phase C	14522	E	mi	Local Let <input checked="" type="checkbox"/> Signalization	Ped Components: ADA curb ramps. At about 30% of the intersections, a signal rebuild will be necessary, which includes curb Bike Components: None. No change to the vehicle detection equipment included in project.; 0 mi. added to bike network.				T-Plan Reference: Project ID 120
Signals Phase C, Signalization, Continue transition of the Columbus Traffic Signal System from coaxial to proposed fiber-optic communications network recommended in the CTSS study. Major work components are the construction of fiber-optic network along the arterials for the communications network and replacement of signal controllers.						PE ENVIR \$1,100 LOCAL	PE DD \$1,000 LOCAL	ROW \$250 CMAQ-M	CON \$132 CMAQ-M	PAY \$7,326 CMAQ-M
									CON \$412 LOCAL	PAY (\$7,326) LOCAL-PAY
									CON \$7,326 Local/Fed AC	
Total Project Costs*:						\$10,220	\$1,000	\$250	\$7,870	\$0
932	Columbus FRA-SGNL-Phase D	82573	E	mi	Local Let <input checked="" type="checkbox"/> Signalization	Ped Components: ADA curb ramps. At about 20% of the intersections, a signal rebuild will be necessary, which includes curb Bike Components: None. No change to the vehicle detection equipment included in project.; 0 mi. added to bike network.				T-Plan Reference: Project ID 637
Signals Phase D, Signalization, Signals Phase D, Signalization, Continue transition of the Columbus Traffic Signal System from coaxial to proposed fiber-optic communications network recommended in the CTSS study. Major work components are the construction of fiber-optic network along the arterials for the communications network and replacement of signal controllers. Any remaining intersections should be migrated to the new system.									ROW \$375 CMAQ-M	CON \$10,713 CMAQ-M
									CON \$632 LOCAL	
Total Project Costs*:						\$11,720			\$375	\$11,345

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012		2013		2014		2015		Future Years**		
						Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source			
1819	Grove City FRA-Stringtown Rd (Phase 2)-Hoover Rd	NA	E	0.6 mi	Local Let <input type="checkbox"/>	Ped Components: Sidewalk on 2 sides. ; 1.2 mi. added to ped network. Bike Components: Widen shoulder. 5' striped outside lanes designated as "share-ways" for bicyclists.; 0.6 mi. added to bike ne										
	Stringtown Rd (Phase 2) from Hoover Rd to McDowell Rd, Minor Widening/Bicycle Lanes from 4 to 5 lanes,															
						CON \$6,397 SCIP										
						CON \$711 LOCAL										
	Total Project Costs*:	\$7,108				\$7,108										
1441	Dublin FRA-CR003-Perimeter Dr/Perimeter Loop Rd	NA	E	mi	Local Let <input type="checkbox"/>	Ped Components: Replace existing facilities. ; 0 mi. added to ped network. Bike Components: No information provided by sponsor.										
	Avery-Muirfield Dr at Perimeter Dr/Perimeter Loop Rd, Intersection Modification, from signalized intersections to roundabouts. Additional long-term improvements may be programmed beyond 2015. Dublin CIP Project #ET0410.															
						ROW \$330 LOCAL				CON \$3,500 LOCAL						
	Total Project Costs*:	\$3,830				\$330				\$3,500						
1790	Franklin County FRA-CR007-03.79	84502	E	0.58 mi	Local Let <input checked="" type="checkbox"/>	Ped Components: Multi-use path on 2 sides. Alum Creek Dr will have sidewalks & a crosswalk at the Groveport Rd intersectio Bike Components: Multi-use path on 2 sides. Paths along Groveport Rd only. Alum Creek Dr will have widened shoulders only										
	Alum Creek Dr at Groveport Rd (Phase 2), Intersection Modification/New Bridge, includes a bypass of Groveport Rd around the intersection. The bypass includes a roundabout west and a roundabout east of Alum Creek Dr, connected with app. 1670 ft. of roadway including a 200 ft. bridge over Alum Creek Dr.															
						CON \$2,548 LTIP										
						CON \$301 HSIP										
						CON \$534 HP										
						CON \$1,422 CMAQ-M										
						CON \$3,774 LOCAL										
	Total Project Costs*:	\$8,579				\$8,579										
1555	ODOT 6 FRA-US023-22.230	81746	SA	1.73 mi	Local Let <input type="checkbox"/>	Ped Components: Sidewalk on 1 side. ; 1.73 mi. added to ped network. Bike Components: Widen shoulder. Minimum 4-foot shoulders.; 1.73 mi. added to bike network.										
	US-23 from Wilson Bridge Rd to North Woods Blvd, Major Widening/Bridge Replacement from 4 to 6 lanes, North Central Outerbelt Study: Construction Project # 4 (B & B1). Construction of two NB express lanes, replacement and widening of US-23 over IR-270 bridge, realign York Temple Rd to tie into West Campus View Blvd. Environmental & PE under PID# 77319.															
						ROW \$4,080 NHS					CON \$4,560 STP-S					
						ROW \$1,020 STATE					CON \$78,103 NHS					
											CON \$968 TEA-S					
											CON \$20,674 STATE					
	Total Project Costs*:	\$109,405				\$5,100					\$104,305					

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
329	Columbus FRA-US023-23.69	87779	SA	0.96 mi	Ped Components: Sidewalk on 2 sides. ; 1.92 mi. added to ped network. Bike Components: None. ; 0 mi. added to bike network. Local Let <input checked="" type="checkbox"/> Major Widening					
									CON \$4,852 NHS CON \$1,213 STATE CON \$606 LOCAL	
									\$6,671	
Total Project Costs*:		\$7,271		\$600						
184	Columbus FRA-CR028-06.02	24465	SA	1.9 mi	Ped Components: Sidewalk on 2 sides. ; 3.8 mi. added to ped network. Bike Components: Bicycle lanes. ; 1.9 mi. added to bike network. Local Let <input type="checkbox"/> Major Widening/Bicycle Lanes					
						PAY \$1,507 STP-M PAY (\$1,507) LOCAL-PAY	PAY \$1,515 STP-M PAY (\$1,515) LOCAL-PAY			
Total Project Costs*:				\$0		\$0				
562	ODOT 6 FRA-US033-27.440	76687	SA	1.66 mi	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor. Local Let <input type="checkbox"/> New Interchange					
						PE ENVIR \$831 STATE	ROW \$6,105 STATE			CON \$24,116 Bond CON \$8,539 STATE
Total Project Costs*:		\$39,592		\$831			\$6,105			\$32,656
1333	ODOT 6 FRA-IR070-13.54	77372	SA	17.27 mi	Ped Components: Sidewalk on 2 sides. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized i Bike Components: Yes - Type to be determined. Locations of bike lanes and bike-activated signal loop detectors will be coordi Local Let <input type="checkbox"/> Major Widening/Reconstruction					
						PE DD \$7,200 IM PE DD \$400 STP-S PE DD \$900 STATE	ROW \$9,630 IM ROW \$1,070 STATE			CON \$108,810 IM CON \$8,800 HBP CON \$8,800 STP-S CON \$26,400 NHS CON \$18,690 STATE CON \$4,000 STP-M CON \$1,000 LOCAL CON \$4,000 STP-M CON \$1,000 LOCAL
Total Project Costs*:		\$200,700		\$8,500			\$10,700			\$181,500

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012		2013		2014		2015		Future Years**		
						Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source			
1331	ODOT 6 FRA-IR070-14.48	77370	SA	1.12 mi	SA	Ped Components: Sidewalk on 2 sides. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized i	Local Let <input type="checkbox"/>	Bike Components: Yes - Type to be determined. Locations of bike lanes and bike-activated signal loop detectors will be coord								
						Major Widening/Interchange Modification						T-Plan Reference: Project ID's 644/ 643				
						I-70/I-71 Innerbelt (Second Project), Major Widening/Interchange Modification, I-70 from Grant Ave to 18th St, I-71 from I-70 to Main St: Add 1 lane and rebuild with new ramps to Parsons Ave, Fulton St, and Mound St. Convert Mound and Fulton to one-way.										
						PE DD	\$3,465	IM			CON	\$116,820	IM			
						PE DD	\$1,120	STP-S			CON	\$37,840	STP-S			
						PE DD	\$1,400	NHS			CON	\$47,520	NHS			
						PE DD	\$1,015	STATE			CON	\$34,320	STATE			
											CON	\$500	STP-M			
											CON	\$125	LOCAL			
						Total Project Costs*: \$244,125		\$7,000		\$237,125						
2452	ODOT 6 FRA-IR070-15.29 Fifth Prj	88035	SA	mi	SA	Ped Components: No information provided by sponsor.	Local Let <input type="checkbox"/>	Bike Components: No information provided by sponsor.								
						Major Widening/Bridge Reconstruction						T-Plan Reference: Project ID 644				
						I-70/I-71 Innerbelt (Fifth Project) from just east of 18th Ave to just east of Fairwood Ave, Major Widening/Bridge Reconstruction, Reconstruct I-70 including overhead structures in accordance with the Columbus Crossroads study and environmental assessment. Located in Columbus.										
						PE DD	\$3,312	IM			ROW	\$810	IM			
						PE DD	\$736	NHS			ROW	\$90	STATE			
						PE DD	\$552	STATE								
						Total Project Costs*: \$5,500		\$4,600		\$900						
1945	ODOT 6 FRA-IR070-16.17	76997	E	11.15 mi	E	Ped Components: Not Applicable. Study will investigate facilities to include as appropriate.; 0 mi. added to ped network.	Local Let <input type="checkbox"/>	Bike Components: Not applicable. Study will investigate facilities to include as appropriate.; 0 mi. added to bike network.								
						Study						T-Plan Reference: Project ID 1026				
						I-70 from Kelton Ave to Fairfield/Licking county line, Study, Planning study to develop a transportation operations and construction strategy that addresses the physical and operational deficiencies of the project area.										
						PE ENVIR	\$2,761	STP-S								
						PE ENVIR	\$690	STATE								
						Total Project Costs*: \$3,451		\$3,451								
2444	ODOT 6 FRA-IR071-11.08	80110	E	mi	E	Ped Components: No information provided by sponsor.	Local Let <input type="checkbox"/>	Bike Components: No information provided by sponsor.								
						Reconstruction						T-Plan Reference: Project ID 1026				
						I-71 from 0.47 mi north of I-270 (South Outerbelt) to 0.30 mi south of I-70, Reconstruction, major rehabilitation project located in Jackson Twp and Columbus.										
									PE DD	\$400	STATE					
						Total Project Costs*: \$400		\$400								

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MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
1332	ODOT 6 FRA-IR071-17.14	77371	SA	0.68 mi	Ped Components: Sidewalk on 2 sides. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized i Local Let <input type="checkbox"/> Bike Components: Yes - Type to be determined. Locations of bike lanes and bike-friendly signal loop detectors will be coordina Major Widening/Interchange Modification T-Plan Reference: Project ID 644					
I-70/I-71 Innerbelt (Third Project), Major Widening/Interchange Modification, and reconstruction of I-71 from I-70 (East Split) to I-670 and associated ramps. It also constructs the NB and SB urban streets, as well as the Town, Oak, Broad, and Long St bridges.						PE DD \$3,600 IM	ROW \$5,850 IM		CON \$43,560 IM	
						PE DD \$800 STP-S	ROW \$3,040 STP-S		CON \$10,560 STP-S	
						PE DD \$1,600 NHS	ROW \$2,640 NHS		CON \$19,360 NHS	
						PE DD \$1,000 STATE	ROW \$2,070 STATE		CON \$12,320 STATE	
									CON \$6,000 STP-M	
									CON \$1,500 LOCAL	
Total Project Costs*:		\$113,900		\$7,000		\$13,600			\$93,300	
1330	ODOT 6 FRA-IR071-17.76	77369	SA	2.23 mi	Ped Components: Sidewalk on 2 sides. Sidewalks on surface streets and bridges. Ped signals and crosswalks at signalized i Local Let <input type="checkbox"/> Bike Components: Yes - Type to be determined. Locations of bike lanes and bike-activated signal loop detectors will be coordi Major Widening/Interchange Modification T-Plan Reference: Project ID 643					
I-70/I-71 Innerbelt (First Project), Major Widening/Interchange Modification, Reconstruction of the I-670/I-71 interchange and I-71 from over Jack Gibbs Blvd to Long St. Includes one cap on Spring St and two caps on Long St.						ROW \$1,800 IM				
						ROW \$200 STATE				
Total Project Costs*:		\$2,000		\$2,000						
578	Columbus FRA-CR122-04.140	23953	SA	2.07 mi	Ped Components: Multi-use path on 2 sides. An 8' wide path on each side is proposed.; 4.14 mi. added to ped network. Local Let <input type="checkbox"/> Bike Components: Multi-use path on 2 sides. An 8' wide path on each side is proposed.; 2.07 mi. added to bike network. Major Widening/Multi-Use Path T-Plan Reference: Project ID 196					
Alum Creek Dr from Williams Rd to Refugee Rd, Major Widening/Multi-Use Path from 2 to 5 lanes, add curbs, enclosed drainage, lighting. Includes 2300 ft of widening and reconstruction on Williams Rd and 700 ft on Watkins Rd. Environmental PID #16840.						ROW \$391 STP-M	CON \$6,500 STP-M		PAY \$2,617 STP-M	PAY \$2,617 STP-M
						ROW \$1,209 LOCAL	CON \$7,852 Local/Fed AC		PAY (\$2,617) LOCAL-PAY	PAY (\$2,617) LOCAL-PAY
							CON \$3,588 LOCAL			PAY \$2,617 STP-M
										PAY (\$2,617) LOCAL-PAY
Total Project Costs*:		\$19,541		\$1,600		\$17,941		\$0		\$0

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

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573	Columbus FRA-CR122-06.22	85017	SA	1.2 mi	Ped Components: Multi-use path on 2 sides. An 8' wide path on each side is proposed.; 2.4 mi. added to ped network. Local Let <input type="checkbox"/> Bike Components: Multi-use path on 2 sides. An 8' wide path on each side is proposed.; 1.2 mi. added to bike network. Major Widening/Multi-Use Path					T-Plan Reference: Project ID 198
Alum Creek Dr from Refugee Rd to Frebis Ave, Major Widening/Multi-Use Path from 2 to 5 lanes, includes a railroad grade separation, curbs, enclosed drainage, lighting, signal upgrades, and runoff control. (Environmental PID # 16840).						PE DD \$1,280 STP-M PE DD \$320 LOCAL	ROW \$720 STP-M ROW \$1,780 LOCAL	ROW \$400 STP-M ROW \$100 LOCAL	CON \$14,276 STP-M CON \$3,533 Local/Fed AC CON \$4,452 LOCAL	PAY \$1,178 STP-M PAY (\$1,178) LOCAL-PAY PAY \$1,178 STP-M PAY (\$1,178) LOCAL-PAY PAY \$1,178 STP-M PAY (\$1,178) LOCAL-PAY
Total Project Costs*:		\$26,861		\$1,600		\$2,500		\$500	\$22,261	\$0
1573	Franklin County FRA-CR229-01.44	82403	E	0.45 mi	Ped Components: Yes - Type to be determined. ; 0.45 mi. added to ped network. Local Let <input checked="" type="checkbox"/> Bike Components: Yes - Type to be determined. ; 0.45 mi. added to bike network. Minor Widening					T-Plan Reference: Project ID 924
Bixby Rd (West Phase) from Ebright Rd to US-33, Minor Widening from 2 to 3 lanes, Widen Bixby Road (TR-229) from 2 to 3 or 5 lanes. Add street lights, sidewalk/multi-use path. Planning Study (through Step 6) under PID 81388.						ROW \$880 STP-M ROW \$220 LOCAL		CON \$3,643 STP-M CON \$1,700 STP-C CON \$1,336 LOCAL		
Total Project Costs*:		\$7,778		\$1,100				\$6,678		
1572	Franklin County FRA-CR229-01.890	82404	E	0.9 mi	Ped Components: Yes - Type to be determined. ; 0.9 mi. added to ped network. Local Let <input type="checkbox"/> Bike Components: Yes - Type to be determined. ; 0.9 mi. added to bike network. Minor Widening/Multi-Use Path					T-Plan Reference: Project ID 825
Bixby Rd (East Phase) from US33 to Winchester Pike, Minor Widening/Multi-Use Path from 2 to 3 lanes, Widen Bixby Road (TR229) from US-33 to Winchester Pike from 2 to 3 or 5 lanes. Realign Winchester Pike/Brice/Bixby intersection. Add street lights, sidewalk/multi-use path. Planning Study (through Step 6) under PID 81388.						ROW \$880 STP-M ROW \$220 LOCAL		CON \$750 STP-M CON \$3,300 STP-C CON \$5,452 LOCAL		
Total Project Costs*:		\$10,602		\$1,100				\$9,502		
1807	ODOT 6 FRA-IR270-10.160	84506	SA	1.46 mi	Ped Components: None. No sidewalks on the bridge; 0 mi. added to ped network. Local Let <input type="checkbox"/> Bike Components: Widen outside lane. 14' wide in each direction with signage and pavement markings; 0.49 mi. added to bike network. Interchange Modification/Bridge Deck Replace					T-Plan Reference: Project ID 229
I-270 at Roberts Rd, Interchange Modification/Bridge Deck Replace, reconfigure the Roberts Road interchange from a standard diamond to a diverging diamond interchange (DDI) and replace the Roberts Rd bridge decks over I-270.						PE DD \$360 HSIP PE DD \$40 STATE ROW \$270 HSIP ROW \$30 STATE	CON \$2,178 HSIP CON \$2,181 HBP CON \$484 STATE			
Total Project Costs*:		\$5,544		\$700		\$4,844				

*All Amounts in 1,000's

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

Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
1946	Dublin FRA-IR270-17.29	88310	E	mi	Local Let <input type="checkbox"/>	Ped Components: Maybe - To be determined. Study will investigate facilities to include as appropriate.; 0 mi. added to ped net Bike Components: Maybe - To be determined. Study will investigate facilities to include as appropriate.; 0 mi. added to bike net Preliminary Engineering/Interchange Modification				T-Plan Reference: Project ID 239
	I-270 at US-33/SR-161, Preliminary Engineering/Interchange Modification, Preliminary engineering for the interchange reconstruction and expansion.					PE ENVIR \$226 IM				
						PE ENVIR \$1,283 NHS				
						PE ENVIR \$377 LOCAL				
	Total Project Costs*:	\$1,886			\$1,886					
1556	ODOT 6 FRA-IR270-21.670	81747	SA	2.77 mi	Local Let <input type="checkbox"/>	Ped Components: No change to existing conditions. pedestrians prohibited; 0 mi. added to ped network. Bike Components: No change to existing conditions. bicycles prohibited; 0 mi. added to bike network. Major Widening/New Bridge				T-Plan Reference: Project ID's 236/ 271
	I-270 from 1.1 mi W of SR-315 to 0.7 mi E of US-23, Major Widening/New Bridge, North Central Outerbelt Study: Construction Project #5 (C). Reconfigure I-270 EB. Work on mainline SR-315. New structures. Environmental & PE under PID# 77319.								CON \$47,136 NHS	
									CON \$11,784 STATE	
	Total Project Costs*:	\$58,920							\$58,920	
1557	ODOT 6 FRA-IR270-22.850	81748	SA	1.59 mi	Local Let <input type="checkbox"/>	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor. Major Widening				T-Plan Reference: Project ID 524
	I-270 from SR-315 to 0.7 mi E of US-23, Major Widening, North Central Outerbelt Study: Construction Project #6 (D). Reconfigure I-270 WB. Environmental & PE under PID# 77319.								CON \$37,312 NHS	
									CON \$9,328 STATE	
	Total Project Costs*:	\$46,640							\$46,640	
1890	ODOT 6 FRA-IR270-37.00	86067	E	3.45 mi	Local Let <input type="checkbox"/>	Ped Components: No information provided by sponsor. Bike Components: No information provided by sponsor. Reconstruction				T-Plan Reference: Project ID 1026
	I-270 from 0.36 mi W of Hamilton Rd to 0.92 mi S of Broad St, Reconstruction, Widen shoulders to accommodate bus bypass lanes if warranted. Upgrade interchange ramp geometrics. Provide vertical and horizontal clearance on bridges.					PE DD \$3,617 IM		CON \$54,450 IM		
						PE DD \$402 STATE		CON \$6,050 STATE		
	Total Project Costs*:	\$64,519			\$4,019			\$60,500		

*All Amounts in 1,000's

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012 Phase/Amount*/Source	2013 Phase/Amount*/Source	2014 Phase/Amount*/Source	2015 Phase/Amount*/Source	Future Years** Phase/Amount*/Source
2449	ODOT 6 FRA-IR270-52.640	86289	E	mi	Ped Components: No information provided by sponsor. Local Let <input type="checkbox"/> Bike Components: No information provided by sponsor. Bridge Deck Replace					
									T-Plan Reference: Project ID 1020 CON \$1,098 IM CON \$122 STATE \$1,220	
	Total Project Costs*:	\$1,220								
1481	ODOT 6 FRA-SR317-00.000	25690	E	mi	Ped Components: No information provided by sponsor. Local Let <input type="checkbox"/> Bike Components: No information provided by sponsor. Intersection Modification/Safety Improvement					
									T-Plan Reference: Project ID 73 CON \$2,869 STP-S CON \$355 STATE \$3,224	
	Total Project Costs*:	\$3,224								
1457	ODOT 6 FRA-SR317-00.37	79315	E	6 mi	Ped Components: No information provided by sponsor. Local Let <input type="checkbox"/> Bike Components: No information provided by sponsor. Resurfacing					
									T-Plan Reference: Project ID 1026 CON \$760 STP-S CON \$171 STATE CON \$40 LOCAL \$972	
	Total Project Costs*:	\$972								
1456	ODOT 6 FRA-SR317-06.260	79320	E	2.94 mi	Ped Components: No information provided by sponsor. Local Let <input type="checkbox"/> Bike Components: No information provided by sponsor. Resurfacing					
									T-Plan Reference: Project ID 1026 CON \$2,600 STP-S CON \$204 STP-S CON \$51 STATE CON \$300 STATE CON \$350 LOCAL \$3,505	
	Total Project Costs*:	\$3,505								

*All Amounts in 1,000's

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Freight Project Listing Sorted by County-Route-Section for the SFY 2012 to 2015 TIP

MORPC ID	Agency County-Route-Section	PID	AirQ	Length	Project Type	2012	2013	2014	2015	Future Years**
Project Location and Description					Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source	Phase/Amount*/Source
1453	Dublin UNI-US-33-24.87	80748	SA	mi	Ped Components: No information provided by sponsor. Local Let <input type="checkbox"/> Bike Components: No information provided by sponsor. Interchange Modification					T-Plan Reference: NA - Located outside planning area
US-33 at SR-161/Post Rd, Interchange Modification, to include interchange reconfiguration, ramp relocation, and necessary improvements to adjacent roadways.										
Total Project Costs*:									CON \$2,500 STATE CON \$26,968 LOCAL \$29,468	
		\$29,468								

*All Amounts in 1,000's

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

FREIGHT TRANSPORTATION IMPROVEMENT PROGRAM

PROJECT LOCATION MAP

Fiscal Years 2012 - 2015
July 1, 2011 to June 30, 2015

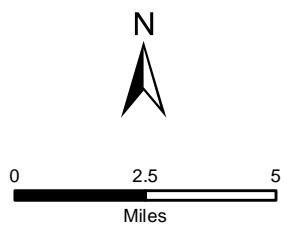
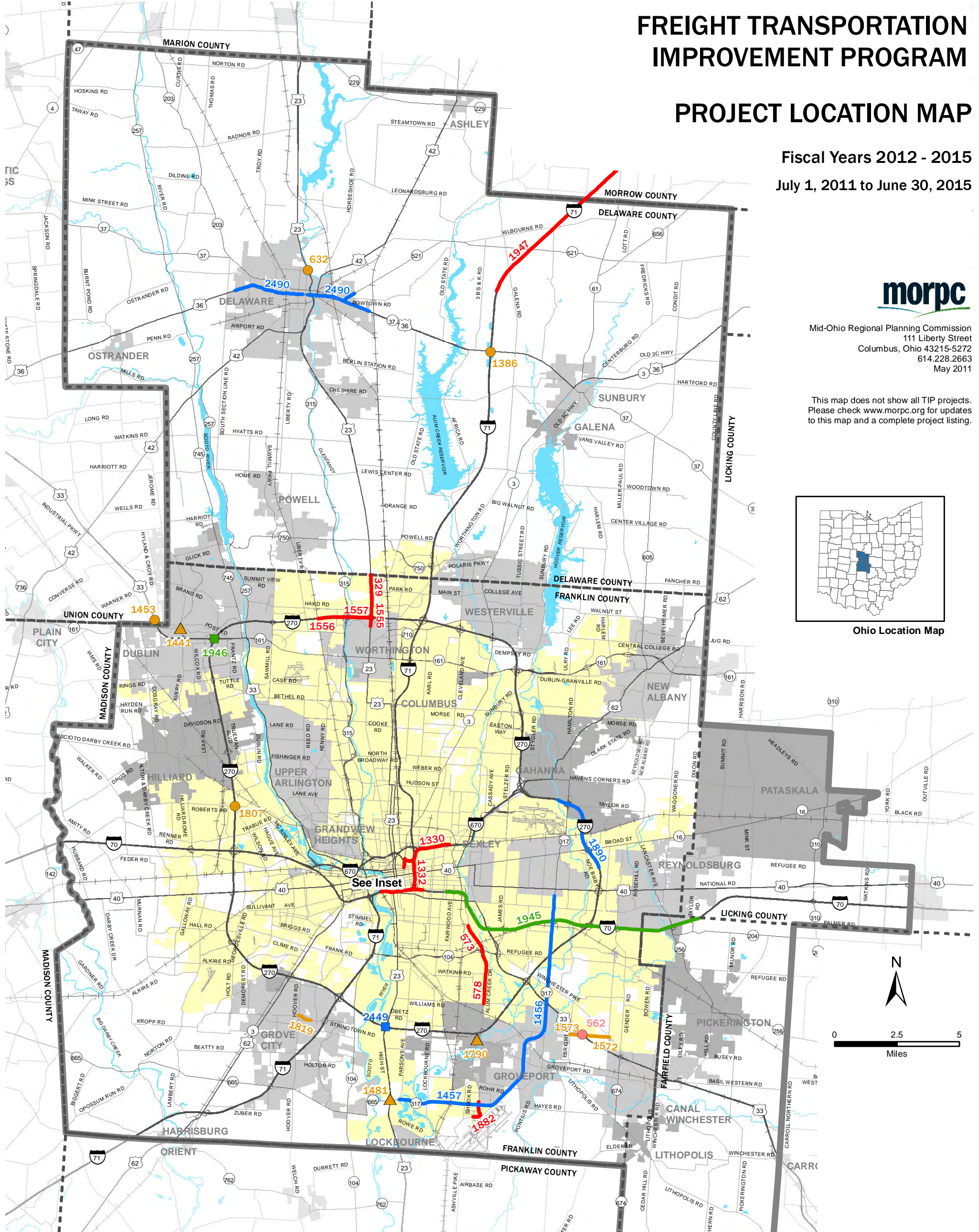


Mid-Ohio Regional Planning Commission
111 Liberty Street
Columbus, Ohio 43215-5272
614.228.2663
May 2011

This map does not show all TIP projects. Please check www.morpc.org for updates to this map and a complete project listing.



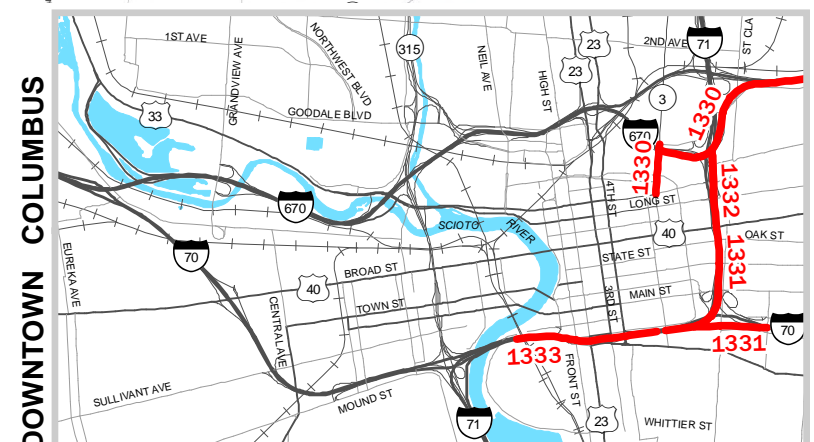
Ohio Location Map



LEGEND

Construction Phase FY 2012 - 2015		Construction Phase after FY 2015 (Construction not part of TIP)	
	Major Widening		Major Widening
	New Road		New Road
	New Interchange		New Interchange
	Minor Widening/Safety Improvement		Minor Widening/Safety Improvement
	Interchange Modification		Interchange Modification
	Intersection Modification		Intersection Modification
	Maintenance/Resurfacing		Maintenance/Resurfacing
	Bridge Repair/Replacement		Bridge Repair/Replacement
	Traffic Signal Upgrade		Traffic Signal Upgrade
	Streetscape/Study/Other		Streetscape/Study/Other
	Bikeway/Sidewalk/Transit		Bikeway/Sidewalk/Transit
	Streetscape/Study/Other		Streetscape/Study/Other
	MORPC Project Identification		MORPC Project Identification
100 100 100 100		100 100 100 100	
	Planning Area		

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



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