

VIII. PLAN IMPLEMENTATION

The “On the Move: 2007-2035 Transportation Plan” is a plan of action. It is a tool to focus our efforts on regional priorities. The overarching objective is to implement the plan, using available resources efficiently for maximum benefit to the region.

To guide implementation, the projects have been grouped into three time periods, essentially outlining a schedule for the short, medium and long term. In creating the schedule, staff considered the timing of committed projects, the priorities of lead agencies, and the necessity of spreading projects over the plan time frame so funding resources will be available. A few committed projects are slated for immediate construction and should be completed by Fiscal Year 2009. By Fiscal Year 2018, during the first ten years of the plan, 33 projects are expected to be completed. The remaining 42 projects are divided between the 2019-2025 and the final 2026-2035 time periods.

Project type or completed-by date	# of Projects	Cost		Expenditure per year in period
All committed	22	\$949.2		
All projects (committed & priority) by 2009	7	\$73.80		\$36.90
by 2018	34	\$668.46		\$74.27
by 2025	21	\$436.45		\$62.35
by 2035	20	\$359.05		\$35.91
Total	82	\$1,537.8	<i>Avg per year:</i>	\$54.92

The complete list of 82 committed and priority projects as represented in the following table (**Table 46**), represents an ambitious program of construction, to be supplemented and supported with the 33 pavement and numerous bridge reconstruction projects, safety projects identified through the safety planning program, 19 plan initiatives, and 41 plan policies. As the years of this plan unfold, TMACOG will work diligently with regional partners make this plan a reality and measure its success in meeting the goals on which it is founded.

Table 46
2035 Plan Implementation Schedule for Committed and Priority Projects

Project "date-by period" indicates the time period during which completion is expected: by 2009 (2007-2009); by 2018 (2010-2018); by 2025 (2019-2025); and by 2035 (2026-2035).

RANK	MODE	Project Description	Project Cost	Notes	Project Sponsor (actual or expected)	Purpose/Need	Date-by period
Committed Projects (funded) – listed in rank order based on funding date and regional priority							
C-1	Water	Provide for passenger connection via water from Toledo to Lake Erie Islands (marine terminal)	*\$5.5	Federal earmark and special funding	Toledo-Lucas County Port Authority	Use transportation to support economic development	2009
C-2	Bike	Craig (former I-280) Bridge and under Veterans' Glass City Skyway – convert to street with bike path and build path on I-280 trench land	\$21.8	Will link from Greenbelt Pkwy path, through N. Toledo, and across bridge to E. Toledo park	Ohio Department of Transportation	Lack of bicycle and pedestrian facilities / lack of access to destinations	2009
C-3	Highway	Improve I-475 interchange at Salisbury/Dussel Rd.	\$35		Ohio Department of Transportation	Need for improved access	2009
C-4	Highway /Rail	Build Wales Rd. rail grade separation (overpass)	\$14		Ohio Department of Transportation	Need to eliminate conflicts between rail & highway and rail & rail.	2009
C-5	Highway	Build new US 24 expressway, Waterville to Napoleon	\$234.2	"Fort to Port" project	Ohio Department of Transportation	Need to improve safety and reduce congestion on US 24	2018
C-6	Highway	Build ITS freeway management / travel info system (improve traffic flow)	\$12.6	Includes surveillance cameras & changeable message signs	Ohio Department of Transportation	Need to improve traffic flow and reduce congestion	2018
C-7	Highway /Rail	Build McCord Road rail grade separation (underpass)	\$18		Ohio Department of Transportation/Lucas County	Need to eliminate conflicts between rail & highway and rail & rail.	2018
C-8	Transit	Build new TARPS paratransit facility adjoining Toledo train station	*\$10.8	Federal earmark for TARTA handicapped van garage/office	Toledo Area Regional Transit Authority	Lack of sufficient transportation for seniors, people with disabilities / special needs, and other nondrivers	2009
C-9	Bike	"Westside" Trail–buy rail corridor and construct path, Laskey Rd. to Knight Preserve (excludes bridge reconstruction, project 14)	*\$10	Federal earmark and local funds. (Part of the rail corridor will also be used for the Technology Corridor people-mover, project 6)	University of Toledo, Metroparks of the Toledo Area, Wood County Parks District, City of Toledo	Lack of bicycle and pedestrian facilities / lack of access to destinations	2009
C-10	Highway	Construct I-75/I-475 systems interchange improvement, Phase 1	\$94.2	Fix the "Jeep split" to reduce congestion; includes new full interchange near Toledo Hospital. See also C-18.	Ohio Department of Transportation	Need to improve safety and reduce congestion	2018
C-11	Highway	Upgrade Buck Rd./Lime City Rd. intersection, add turn lanes, signalization	\$1.2		Wood County/Ohio Department of Transportation	Need to improve intersection safety	2018
C-12	Highway	City of Toledo ITS–install new traffic signal computer & interconnects	\$3	Allows system to be more responsive to traffic conditions	City of Toledo	Need to improve traffic flow and reduce congestion	2009
C-13	Bike	Complete Wabash Cannonball Trail North-South Connector	\$1.7	Bike/hike trail near Whitehouse	Metroparks of the Toledo Area	Lack of bicycle and pedestrian facilities / lack of access to destinations	2018
C-14	Highway	Sylvania Ave., widen from McCord Rd. to Holland-Sylvania Rd.	\$7.2		Lucas County	Need to improve safety and reduce congestion	2018
C-15	Bike	Riverside Trail-Phase 1, build bike/walk path from downtown Toledo to Craig Bridge	\$1.25		City of Toledo	Lack of bicycle and pedestrian facilities / lack of access to destinations	2018
C-16	Highway	Wheeling St., widen from Pickle Rd. to Navarre Ave.	\$9.5		City of Oregon	Need to improve safety and reduce congestion	2018
C-17	Highway	Widen SR 25 (Main St., Bowling Green) to 5 lanes and add turn lanes, Poe Rd. to Newton Rd.	\$14		City of Bowling Green	Need to reduce congestion at I-475/SR25 and on SR25 from Perrysburg to Bowling Green (Perrysburg to Five-Point Rd. and Poe Rd. to Bishop Rd.)	2018
C-18	Highway	Construct I-75/I-475 systems interchange Phase 2 and related improvements to local arterials including Cherry St. and Phillips Ave.	\$111.5	This phase fixes I-75 north of "Jeep split." (See also C-10)	Ohio Department of Transportation	Need to improve safety and reduce congestion	2018
C-19	Highway	I-475/US 23 improvements–build top priority phases (Being considered: Widen to 6 lanes from Perrysburg to state line and to Monroe St.; add Dorr St. interchange; build braided Salisbury/20A interchange; incorporate SR-25 (Perrysburg) interchange recommendations; and Corey Rd. and Sylvania Ave improvements)	\$200	Consider additional phases at next plan update in 4 years.	Ohio Department of Transportation	Need to improve safety and reduce congestion	2025
C-20	Highway	I-75, widen to 6 lanes from Phillips Ave. to I-280	\$40		Ohio Department of Transportation	Need to reduce interstate congestion	2018
C-21	Highway	I-75, widen to 6 lanes from Washington St. to SR 25/Anthony Wayne Trail	\$30	Southbound SR 25 entrance ramp to SB I-75 will enter on right side using a collector-distributor road along with the SB Collingwood entrance ramp	Ohio Department of Transportation	Need to reduce interstate congestion	2018
C-22	Transit	Replace TARTA bus fleets (2 cycles of replacement)	\$100	New buses	Toledo Area Regional Transit Authority	Fleet turnover for TARTA busses	2035

Table 46
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RANK	MODE	Project Description	Project Cost	Notes	Project Sponsor (actual or expected)	Purpose/Need	Date-by period
Priority Projects (funding expected to be available) – in priority order							
1	Highway/ Rail	Build Trans-Pacific Inland Port (rail/truck intermodal freight terminal) and improve road access and utilities (up to \$100 million total)	\$10.0	Remainder of costs, \$85 m+, from private partners and special funding	Toledo-Lucas County Port Authority	Need for improved multimodal access to rail freight transportation	2018
2	Highway	Widen I-75 to 6 lanes from Findlay to Perrysburg	\$101		Ohio Department of Transportation	Need to reduce congestion on I-75 from state line to North Baltimore	2035
3	Highway	ITS arterial signal coordination–timing of traffic signals for better flow	\$2.8	Signal timing across jurisdictional boundaries	Multiple Jurisdictions	Need to improve traffic management on arterials	2018
4	Highway	US 20A, from I-475 to Toledo Express Airport–relocate, widen & managed access for improved road access to freight terminals, pending evaluation of environmental impact on the Oak Openings region	\$26.9		Ohio Department of Transportation	Need to expand air facilities as intermodal hubs, with good road access	2025
5	Highway	US 20, widen to 5 lanes and add turn lanes at intersections, from Perrysburg to SR 420	\$35		Ohio Department of Transportation	Additional capacity is needed on US 20 to address future congestion (Perrysburg to SR 420)	2025
6	Transit	Fund and build Technology Corridor people-mover, connecting UT Health Science Campus (former MCO) to UT and to Art Museum (\$70 m total)	\$10	\$10m (of \$70m) from transportation funds (balance from other sources)	University of Toledo	Opportunity to improve region with transit innovations and intermodal connections	2025
7	Highway/ Rail	Build North Toledo intermodal (rail/truck) terminal	\$7.5	Remainder of costs, \$22.5 m, from private partners and special funding	Toledo-Lucas County Port Authority	Need for improved multimodal access to rail freight transportation	2018
8	Passenger Rail	Ohio Hub high speed passenger rail implementation–may include passenger rail/rail overpass in Northwood, new Maumee River Bridge, upgrade MLK Plaza infrastructure & passenger access to multiple rail lines, etc.	*\$105	Part of a proposed state-wide system linking to adjoining states.	Ohio Rail Development Commission	Lack of fast, convenient & affordable intercity passenger rail	2025
9	Highway/ Rail	Eliminate rail/highway conflict that impedes access to proposed Jeep supplier park (rail overpass or relocation; or "MULTI-F" freight monorail project 19)	\$14		City of Toledo/Toledo-Lucas County Port Authority	Need to eliminate conflicts between water & rail, water & highway modes	2025
10	Transit	Build downtown Toledo trolley system and link to Tech Corridor (see project 6) at Art Museum (\$77 m total)	\$10	\$10m from transportation funds (balance from other sources)	Toledo Area Regional Transit Authority	Opportunity to improve region with transit innovations and intermodal connections	2025
11	Transit	Add rural transit circulators (requires additional funding base)	\$6	Bus or van call-a-ride serving suburbs east & west of Toledo	Toledo Area Regional Transit Authority	Need to make transit more user-friendly; improve operations and hours of service	2018
12	Highway	Build North Baltimore area road improvements from I-75 to CSX intermodal yard and consider connections to SR-235 and US-6 to the west, SR-613 to the south, and Cygnet Rd. to the north.	\$7	Exact location and type of improvements to be determined	Ohio Department of Transportation/Wood County	Need to utilize/improve freight transport to support economic development	2018
13	Bike	Build bike connector from North Coast Inland Trail to Wabash Cannonball Trail, across northern Wood County	\$6.5		Wood County Parks District	Lack of bicycle and pedestrian facilities / lack of access to destinations	2025
14	Bike	Rehab or replace “upriver” rail bridge as ped/bike crossing (part of Westside Corridor project C-9)	\$4.5	Directly adjacent to Ohio Turnpike Maumee River Bridge	University of Toledo, Metroparks of the Toledo Area	Lack of bicycle and pedestrian facilities / lack of access to destinations	2018
15	Highway	Build Douglas/Laskey/Tremainsville roads intersection improvements, possibly a roundabout	\$5.5	Replace 6-way intersection with modern circular intersection	City of Toledo	Need to improve intersection safety	2035
16	Highway	Reconstruct Alexis Rd. pavement from Hagman Rd. to US 23	\$23.0	Heavily used truck route	City of Toledo	Need to improve road access and capacity for trucks, and reduce modal conflicts	2018
17	Transit	Provide separate transit connection linking BGSU to Owens CC to UT Health Science campus (former MCO) in I-75/I-475 and/or rail right-of-way	*\$300		University of Toledo/Bowling Green State University	Opportunity to improve region with transit innovations and intermodal connections	2035
18	Highway/ Rail	Build Summit St. rail grade separation (CSX overpass)	\$20		City of Toledo	Need to eliminate conflicts between rail & highway and rail & rail.	2018
19	Freight Transit	Build freight monorail (“MULTI-F”) to move parts/goods between suppliers and factories	\$4.25	Could connect parts suppliers to Jeep plant	City of Toledo/Toledo-Lucas County Port Authority	Need to eliminate conflicts between rail & highway and rail & rail.	2025
20	Bike/ Highway	Eliminate Detroit Ave. and Glendale Ave. choke point, Schneider Rd. to Harvard Blvd.	\$7	Widen narrow road areas and provide bike facilities	City of Toledo	Need to improve safety for vehicles, cyclists and pedestrians	2025
21	Bike/ Highway	Provide Airport Hwy ped/bike facilities from Holland-Sylvania Rd., across I-475 and accessing Spring Meadows shopping center	\$2.5		Ohio Department of Transportation/Lucas County	Lack of pedestrian facilities / lack of access to destinations	2018
22	Bike/ Highway	Eliminate Berdan choke point from Martha to Cherry Sts.	\$2	Widen narrow road areas and provide bike/ped facilities	City of Toledo	Need to improve safety for vehicles, cyclists and pedestrians	2025

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RANK	MODE	Project Description	Project Cost	Notes	Project Sponsor (actual or expected)	Purpose/Need	Date-by period
Priority Projects (funding expected to be available) – in priority order							
23	Bike/ Highway	Eliminate Alexis Rd. choke point from Hagman Rd. to Suder Ave.	\$8	Widen narrow road areas and provide bike/ped facilities	City of Toledo	Need ongoing attention and improvements to highway/street access and connectivity for truck traffic	2025
24	Bike/ Highway	Eliminate Monroe/Alexis/Main St. choke point (City of Sylvania)	\$1	Widen narrow road areas and provide bike/ped facilities	City of Toledo	Need to improve safety for vehicles, cyclists and pedestrians	2025
25	Bike	Build connector between Oregon trail system and Craig Bridge bike path	\$0.53		City of Toledo, City of Oregon	Lack of bicycle and pedestrian facilities / lack of access to destinations	2018
26	Transit	Provide signal prioritization for transit and emergency vehicles	\$1.63	Extends green light. Part of regional Intelligent Transportation System (ITS)	TARTA, TARTA member jurisdictions	Make transit more user-friendly; improve operations and hours of service	2018
27	Bike/ Highway	Eliminate SR 51 (Woodville Rd.) choke point from Oak St. to Curtice Rd.	\$33	Widen narrow road areas and provide bike/ped facilities	City of Toledo, City of Oregon, City of Northwood	Need to improve safety for vehicles, cyclists and pedestrians	2035
28	Highway	Build Detroit/Telegraph/Laskey roads intersection improvements, possibly a roundabout	\$3.25	Replace intersection with modern circular intersection	City of Toledo	Need to improve intersection safety	2035
29	Highway	Widen the I-75 DiSalle Bridge; improve South Ave. and Miami St. ramps	\$75		Ohio Department of Transportation	Need ongoing attention and improvements to highway/street access and connectivity for truck traffic	2025
30	Ped	Build pedestrian bridge across Douglas Rd. at UT tied to Westside corridor path (C-9)	\$1.5	Should also link to Technology Corridor people-mover (6).	University of Toledo	Need to improve pedestrian safety and access	2025
31	Highway	Provide advance warning signal for blocked rail crossings (Westwood/NS, Consaul/NS&CSX, Matzinger/CSX&AA, Summit/CSX)	\$0.2	Like "blue light" on Woodville Rd., signals would allow traffic to divert to a grade-separated crossing	City of Toledo	Need to improve traffic flow, reduce congestion	2018
32	Bike/ Highway	Eliminate Detroit Ave. choke point from Waggoner Blvd. to Lagrange St.	\$24	Widen narrow road areas and provide bike/ped facilities	City of Toledo	Need to improve safety for vehicles, cyclists and pedestrians	2035
33	Transit	Provide real time bus arrival information	\$0.75	Part of ITS Plan	Toledo Area Regional Transit Authority	Need to make transit more user-friendly; improve operations and hours of service	2018
34	Highway	Heatherdowns/Garden Rd. (Holland-Sylvania Rd. to Manley Rd.)--widen road, replace bridge, improve intersections (possibly add a roundabout)	\$4.6	Roundabout = modern circular intersection	Lucas County	Need to improve intersection safety	2025
35	Bike	Build Swan Creek trail from Riverwalk/Erie Street Market to Swan Creek Metropark	\$2.8		Metroparks of the Toledo Area/City of Toledo	Need to make river corridors bicycle/pedestrian friendly	2025
36	Highway/ Rail	Build Consaul Street rail grade separation (bridge over CSX/NS)	\$20		City of Toledo	Need to eliminate conflicts between rail & highway and rail & rail.	2025
37	Rail	Build Vickers crossing rail/rail separation (CSX bridge over NS)	\$20	\$40m total: \$20m public /\$20m private or other	Toledo-Lucas County Port Authority/Ohio Department of Transportation/Railroads	Need to eliminate conflicts between rail & highway and rail & rail.	2035
38	Bike	Build Eastside Maumee River trail from Craig Bridge to International Park including ped/bike crossing of Main St. (possibly grade-separated)	\$1.6		City of Toledo/Developer	Opportunity to make river corridors bicycle/pedestrian friendly	2018
39	Highway	Build efficient road connector from I-75 to US Post Office & Dr. Martin Luther King Jr. Plaza (train station)	\$32	Would be a new NHS connector (designated road segment linking a major freight facility to the National Highway System)	City of Toledo/Ohio Department of Transportation	Need ongoing attention and improvements to highway/street access and connectivity for truck traffic	2035
40	Bike/High way	Eliminate Wheeling St. choke point, Navarre Ave. to Woodville Rd., and add bike facility	\$0.9	Widening the Wheeling St. I-280 bridge portion of choke point is committed	City of Oregon	Need to improve safety for vehicles, cyclists and pedestrians	2018
41	Bike/ Highway	Add ped/bike connection across I-475 on SR 25 (Perrysburg)	\$2.5		City of Perrysburg	Lack of pedestrian facilities / lack of access to destinations	2035
42	Ped	Add pedestrian facilities on Wooster St crossing of I-75 (accessing stores)	\$2.5		City of Bowling Green	Lack of pedestrian facilities / lack of access to destinations	2035
43	Highway	US 20 from Perrysburg to SR 420: build ITS traffic management system	\$1.5	Cameras/message signs to improve traffic flow	Ohio Department of Transportation	Need to improve safety of US 20	2035
44	Highway	Central Ave., widen to 5 lanes from Centennial Rd. to Crissey Rd. and add turn lanes	\$5		Ohio Department of Transportation/Lucas County	Need to improve traffic flow, reduce congestion.	2035
45	Bike	Buy rail right-of-way and extend University/Parks Trail into Michigan; provide access road right-of-way for Holland-Sylvania Rd.	\$2.7		Metroparks of the Toledo Area/Lucas County	Not enough bicycle facilities in the region	2035
46	Transit	Provide robust traveler information for highway and transit modes	\$1.75	Traveler information kiosks -- from ITS Plan	Toledo Area Regional Transit Authority	Need to improve traffic flow, reduce congestion.	2018

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RANK	MODE	Project Description	Project Cost	Notes	Project Sponsor (actual or expected)	Purpose/Need	Date-by period
47	Bike	SR 65--add paved berms from Grand Rapids to Rossford, excluding curbed sections and areas within City of Perrysburg	\$6.7	Paved shoulders for cyclist and driver safety	Ohio Department of Transportation	Need for safer bicycle facilities in the region	2035
48	Bike	Build Riverside Trail-Phase 2 from Craig Bridge to Point Place	\$0.5		City of Toledo	Lack of bicycle and pedestrian facilities / lack of access to destinations	2035
49	Bike	Build Point Place Connector Bike Trail	\$2.2	Extend existing Greenbelt Pkwy Trail	City of Toledo	Lack of bicycle and pedestrian facilities / lack of access to destinations	2018
50	Bike	SR 64--add paved berms from Whitehouse to Waterville	\$1.1	Paved shoulders for cyclist and driver safety	Ohio Department of Transportation	Need for safer bicycle facilities in the region	2025
51	Bike	Bike network signage project--post signs on designated bike routes	\$0.05	Assumes local governments post signs themselves	Lucas and Wood Counties	Not enough bicycle facilities in the region	2018
52	Bike	Complete Oregon bike network (19.6 miles)	\$6.8		City of Oregon	Lack of bicycle and pedestrian facilities / lack of access to destinations	2025
53	Highway	Place advance warning signs on I-75 at I-80/90 / SR 795	\$0.2	Warn drivers when I-75 traffic backs up waiting to enter Turnpike	Ohio Department of Transportation/Ohio Turnpike Commission	Need to improve safety and reduce congestion	2018
54	Highway	Make SR 795 (2000 feet) 4 lanes to I-280, from Lemoyne Rd. to Pemberville Rd.	\$9		Ohio Department of Transportation	Need to improve intermodal connectivity and highway access	2035
55	Bike	Complete Sylvania-Metamora Rd. (Erie St.) bike path west of Centennial Park, and bike lanes south on Kilburn Rd. to Central Ave.	\$1		Lucas County	Lack of bicycle and pedestrian facilities / lack of access to destinations	2035
56	Bike	Build connection between Oregon trail system and North Coast Inland Trail	\$1.4		City of Oregon/Wood County Parks District	Lack of bicycle and pedestrian facilities / lack of access to destinations	2035
57	Highway	US 6 from Napoleon to Fremont--add turn lanes	\$7.5	Focus on intersections with the greatest need	Ohio Department of Transportation	Need to improve traffic flow, reduce congestion.	2035
58	Highway	I-80/90 at SR 795 / I-75 -- increase turnpike entrance capacity (add 2-3 reversible booths)	*\$1.2	To eliminate backups	Ohio Turnpike Commission	Need to improve traffic flow, reduce congestion	2018
59	Air	Extend Toledo Express Airport north-south runway, pending analysis of environmental impact on the Oak Openings region	*\$7.4		Toledo-Lucas County Port Authority	Opportunity to expand our air facilities as intermodal hubs	2025
60	Hwy	Improve Reynolds Rd. from Airport Hwy. to Ohio Turnpike -- add lanes and intersection improvements (possible roundabout)	\$7.5	Address high accident area and potential traffic increase from Southwyck Mall improvement	City of Toledo	Need to improve safety and reduce congestion	2018

APPENDICES

