

## Introduction

What will the Toledo metropolitan area look like in 30 years? Over the next three decades, what improvements in transportation do we need for better freight movement, personal mobility, and regional strength?

These are the core questions for TMACOG and the people of our region (Lucas and Wood counties in northwest Ohio, plus southern Monroe County, Michigan). The answers will be found in the “On the Move: 2007-2035 Regional Transportation Plan.”

A broad-based leadership team is working with TMACOG staff. The plan task force has heard from the public, looked at technical analysis, brainstormed solutions, and made tough decisions on priorities. The result is a draft list of major projects addressing needs and opportunities, plus a list of regional initiatives.

The attached draft list of projects:

- addresses regional goals
- includes multiple modes of transportation (cars, trains, buses, bicycles, etc.)
- is fiscally constrained based on expected federal, state, and local resources

In addition to these projects, the plan will include:

- *initiatives* (major studies, other strategic actions)—see attached list
- *policies* (to guide future action in the region)—see attached list
- *system preservation projects* (to reconstruct deficient road pavements and bridges)
- a time line for implementation beginning in fiscal year 2008 (July 2007)

To finalize the plan, the task force invites public review and comment. The plan is posted on the TMACOG website, [www.tmacog.org](http://www.tmacog.org). There will be a series of public meetings, beginning with **Friday, March 2, 11:30 a.m.** at the Main Toledo-Lucas County Public Library, in downtown Toledo. In addition, displays will be placed at all public libraries in the region.

Making this plan a reality will call for focused effort and effective partnering. We invite *you* to support the On the Move Plan — because great things happen when we work together!

*For more information or to comment on the draft Plan, visit [www.tmacog.org](http://www.tmacog.org), or contact:*

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On the Move: 2007-2035 Transportation Plan – Draft Project List, February 2007

Rank	Mode	Project Description	Project Cost (\$Mil)	Notes
<b>Committed Projects (funded)</b>				
C-1	Water	Provide for passenger connection via water from Toledo to Lake Erie Islands (marine terminal)	*\$5.5	Federal earmark and special funding
C-2	Bike	Craig (former I-280) Bridge – convert to street with bike path & 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
C-3	Hwy	Improve I-475 interchange at Salisbury/Dussel Rd.	\$35	
C-4	Hwy /rail	Build Wales Rd. rail grade separation (overpass)	\$14	
C-5	Hwy	Build New US 24 expressway, Waterville to Napoleon	\$234.2	"Fort to Port" project
C-6	Hwy	Build ITS freeway management / travel info system (improve traffic flow)	\$12.6	Includes surveillance cameras & changeable message signs
C-7	Hwy /rail	Build McCord Road rail grade separation (underpass)	\$18	
C-8	Transit	Build new TARPS paratransit facility adjoining Toledo train station	*\$10.8	Federal earmark for TARTA handicapped van garage/office
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)
C-10	Hwy	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.
C-11	Hwy	Upgrade Buck Rd./Lime City Rd. intersection, add turn lanes, signalization	\$1.2	
C-12	Hwy	City of Toledo ITS – install new traffic signal computer & interconnects	\$3	Allows system to be more responsive to traffic conditions
C-13	Bike	Complete Wabash Cannonball Trail North-South Connector	\$1.7	Bike/hike trail near Whitehouse
C-14	Hwy	Sylvania Ave., widen from McCord Rd. to Holland-Sylvania Rd.	\$7.2	
C-15	Bike	Riverside Trail-Phase 1, build bike/walk path from downtown Toledo to Craig Bridge	\$1.25	
C-16	Hwy	Wheeling St., widen from Pickle to Navarre	\$9.5	
C-17	Hwy	Widen SR 25 (Main St., Bowling Green) to 5 lanes and add turn lanes, Poe to Newton	\$14	
C-18	Hwy	Construct I-75/I-475 systems interchange Phase 2 and related improvements to local arterials including Cherry St.	\$111.5	This phase fixes I-75 north of "Jeep split." (See also C-10)
C-19	Hwy	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.

\* Don't count in fiscal constraint: separate funding source

On the Move: 2007-2035 Transportation Plan – Draft Project List, February 2007

Rank	Mode	Project Description	Project Cost (\$Mil)	Notes
C-20	Hwy	I-75, widen to 6 lanes from Phillips Ave. to I-280	\$40	
C-21	Hwy	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
C-22	Transit	Replace TARTA bus fleets (2 cycles of replacement)	\$100	New buses
<b>Priority Projects (funding expected to be available)</b>				
1	Hwy/ 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
2	Hwy	Widen I-75 to 6 lanes from Findlay to Perrysburg	\$101	
3	Hwy	ITS arterial signal coordination – timing of traffic signals for better flow	\$2.8	Signal timing across jurisdictional boundaries
4	Hwy	US 20A, from I-475 to Toledo Express Airport – relocate, widen & managed access for improved road access to freight terminals	\$26.9	
5	Hwy	US 20, widen to 5 lanes and add turn lanes at intersections, from Perrysburg to SR 420	\$35	
6	Transit	Fund and build Technology Corridor people-mover, connecting UT Health Science Campus (former MCO) to UT to Art Museum (\$70 m total)	\$10	\$10m (of \$70m) from transportation funds (balance from other sources)
7	Hwy/ Rail	Build North Toledo intermodal (rail/truck) terminal (\$30 m total)	\$10	Balance from private and other funding sources.
8	Passgr Rail	Ohio Hub High Speed 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.
9	Hwy/ 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	
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)
11	Transit	Add rural transit circulators (requires additional funding base)	\$6	Bus or van call-a-ride serving suburbs east & west of Toledo
12	Hwy	Build North Baltimore area road improvements from I-75 to proposed CSX intermodal yard	\$7	SR 18 bypass of North Baltimore
13	Bike	Build bike connector from North Coast Inland Trail to Wabash Cannonball Trail, across northern Wood County	\$6.5	
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
15	Hwy	Build Douglas/Laskey/Tremainsville roads roundabout	\$5.5	Replace 6-way intersection with modern circular intersection
16	Hwy	Reconstruct Alexis Rd. pavement from Hagman Rd. to US 23	\$23.0	Heavily used truck route

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Rank	Mode	Project Description	Project Cost (\$Mil)	Notes
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	
18	Hwy/ Rail	Build Summit St. rail grade separation (CSX overpass)	\$20	
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
20	Bike/ Hwy	Eliminate Detroit Ave. and Glendale Ave. choke point, Schneider Rd. to Harvard Blvd.	\$7	Widen narrow road areas and provide bike facilities
21	Bike/ Hwy	Provide Airport Hwy ped/bike facilities from Holland-Sylvania Rd., across I-475 and accessing Spring Meadows shopping center	\$2.5	
22	Bike/ Hwy	Eliminate Berdan choke point from Martha to Cherry Sts.	\$2	Widen narrow road areas and provide bike/ped facilities
23	Bike/ Hwy	Eliminate Alexis Rd. choke point from Hagman Rd. to Suder Ave.	\$8	Widen narrow road areas and provide bike/ped facilities
24	Bike/ Hwy	Eliminate Monroe/Alexis/Main St. choke point (City of Sylvania)	\$1	Widen narrow road areas and provide bike/ped facilities
25	Bike	Build connector between Oregon trail system and Craig Bridge bike path	\$0.53	
26	Transit	Provide signal prioritization for transit and emergency vehicles	\$1.63	Extends green light. Part of regional Intelligent Transportation System (ITS)
27	Bike/ Hwy	Eliminate SR 51 (Woodville Rd.) choke point from Oak St. to Curtice Rd.	\$33	Widen narrow road areas and provide bike/ped facilities
28	Hwy	Build Detroit/Telegraph/Laskey roads roundabout	\$3.25	Replace intersection with modern circular intersection
29	Hwy	Widen the I-75 Disalle Bridge; improve South Ave. and Miami St. ramps	\$75	
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).
31	Hwy	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
32	Bike/ Hwy	Eliminate Detroit Ave. choke point from Waggoner to Lagrange St.	\$24	Widen narrow road areas and provide bike/ped facilities
33	Transit	Provide real time bus arrival information	\$0.75	Part of ITS Plan
34	Hwy	Heatherdowns/Garden Rd. (Holland-Sylvania Rd. to Manley Rd.) – widen road, replace bridge, add roundabout	\$4.6	Roundabout = modern circular intersection
35	Bike	Build Swan Creek trail from RiverWalk/Erie St. Market to Swan Creek Metropark	\$2.8	
36	Hwy/ Rail	Build Consaul Street rail grade separation (bridge over CSX/NS)	\$20	
37	Rail	Build Vickers crossing rail/rail separation (CSX bridge over NS)	\$20	\$40m total: \$20m public /\$20m private or other

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Rank	Mode	Project Description	Project Cost (\$Mil)	Notes
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	
39	Hwy	Build efficient road connector from I-75 to US Post Office & MLK Plaza (train station)	\$32	Would be a new NHS connector (designated road segment linking a major freight facility to the National Highway System)
40	Hwy	Eliminate Wheeling St. choke point, Navarre to Woodville Rd., and add bike facility	\$0.9	Widen narrow road areas and provide bike/ped facilities. (Widening the Wheeling St. I-280 bridge portion of choke point is funded)
41	Bike/Hwy	Add ped/bike connection across I-475 on SR 25 (Perrysburg)	\$2.5	
42	Ped	Add pedestrian facilities on Wooster St crossing of I-75 (accessing stores)	\$2.5	
43	Hwy	US 20 from Perrysburg to SR 420: build ITS traffic management system	\$1.5	Cameras/message signs to improve traffic flow
44	Hwy	Central Ave., widen to 5 lanes from Centennial to Crissey Rd. and add turn lanes	\$5	
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	
46	Transit	Provide robust traveler information for highway and transit modes	\$1.75	Traveler information kiosks -- from ITS Plan
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
48	Bike	Build Riverside Trail-Phase 2 from Craig Bridge to Point Place	\$0.5	
49	Bike	Build Point Place Connector Bike Trail	\$2.2	Extend existing Greenbelt Pkwy Trail
50	Bike	SR 64 – add paved berms from Whitehouse to Waterville	\$1.1	Paved shoulders for cyclist and driver safety
51	Bike	Bike network signage project–post signs on designated bike routes	\$0.05	Assumes local governments post signs themselves
52	Bike	Complete Oregon bike network (19.6 miles--see map)	\$6.8	
53	Hwy	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
54	Hwy	Make SR 795 (2000 feet) 4 lanes to I-280, from Lemoyne Rd. to Pemberville Rd.	\$9	
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	
56	Bike	Build connection between Oregon trail system and North Coast Inland Trail	\$1.4	

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Rank	Mode	Project Description	Project Cost (\$Mil)	Notes
57	Hwy	US 6 from Napoleon to Fremont – Add turn lanes	\$15.0	About 15 intersections (state, county and a few township crossroads)
58	Hwy	I-80/90 at SR795 / I-75 – increase turnpike entrance capacity (add 2-3 reversible booths)	*\$1.2	To eliminate backups
59	Air	Extend Toledo Express Airport north-south runway	*\$7.4	
60	Air	Build new parallel east-west runway at Toledo Express Airport	*\$70	Long-term improvement in airport master plan update

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**On the Move: 2007-2035 Transportation Plan**  
**Draft Initiatives**  
February 2007

**Initiatives** are defined as regional actions requiring investment of funds and other resources. The draft plan reserves \$4.5 million (an estimated \$161,000 per year) for completing initiatives. The proposed initiatives are listed by regional goal.

#	ID #	Initiative
<i><b>Environment</b>—Protect and sustain community and natural environments</i>		
1	E-I-3	<b>Bike Path Connectivity Study</b> —Study key destination connections (schools, developments, parks, points of interest) with bike/ped trails and paths.
<i><b>Freight</b>—Be a world class intermodal freight hub</i>		
2	F-I-3	<b>Lake Erie West Global Logistics Hub</b> —Support development and implementation of a business plan for the “Lake Erie West Global Logistics Hub,” including private/public investment in infrastructure for selected sites and connectivity between sites.
<i><b>Funding</b>—Be successful in obtaining adequate funding for transportation facilities</i>		
3	Fd-I-1	<b>Education campaign on Funding Needs, Part 1</b> —Local transportation stakeholders must educate policy makers and local tax payers on the lack of adequate resources for maintenance and improvement of the current system (all modes - highway, transit, seaway, rail, air, pedestrian/bikeway) and the disproportionate inflation in material and other costs for maintenance, construction, and operation of the system that has eroded the buying power of current funding. This requires a consistent and factual message.
4	Fd-I-2	<b>Education campaign on Funding Needs, Part 2</b> — Local transportation stakeholders must educate policy makers and the public on the inadequacy of the current fuel tax mechanism as a means to support highway and transit investments in the future and the relationship between reduced fuel use (a positive trend) and reduced funding for transportation (a negative trend).
5	Fd-I-A3	<b>Steady State-related Research &amp; Actions</b> —Research efficient standards for system preservation goals, estimate required resources to maintain existing systems, and ensure that project selection criteria place priority on maintaining the system effectively while still leaving some resources for needed capacity expansion.
6	Fd-I-D1	<b>Research on increasing tax revenue</b> —Research existing dedicated transportation tax mechanisms for the potential to provide additional funding for transportation needs including such things as: <ul style="list-style-type: none"> <li>▪ Sales tax on bigger, heavier, and/or more expensive personal vehicles</li> <li>▪ Use taxes (e.g. licenses or vehicle registrations)</li> <li>▪ Fuel taxes "</li> </ul>
<i><b>Passenger</b>—Be a top quality multi-modal passenger transportation hub</i>		
7	P-I-1	<b>Regional transit funding</b> —Different / regional transit funding mechanism - geographically fair - to allow service throughout region as needed

#	ID #	Initiative
8	P-I 7	<b>Multiple-hub transit system</b> —As a first step, investigate feasibility (routing, performance and costs) of multiple hubs for the TARTA bus route system
9	P-I-12	<b>Regional transit</b> —Increase TARTA routes and other public transit in order to increase the geographic area served (county wide or region wide).
10	P-I-31	Develop a regional <b>safe routes to school program</b> addressing ped/bike routes, funding, infrastructure, etc. [addresses concerns of TMACOG Ped School Survey]
11	P-I-42	<b>Sidewalk Policy Committee</b> —Establish a regional committee to examine current sidewalk policies and regulations concerning installation, maintenance and enforcement and to develop a regional policy.
<b>System Preservation</b> — <i>Maintain and preserve the existing system</i>		
12	SP-I-1	<b>Establish a System Preservation Process</b> —establish a System Preservation task force or coalition to: Step 1: Establish System Preservation Process basics (determine conditions, set goals, determine costs/steady state budgets) Step 2: Develop management tools (Pavement Management System, etc.) Step 3: Buy-in: Develop support for Preservation Process and improved repair techniques and materials Step 4: Address lack of funds to implement Process and appropriate fixes
<b>Research</b> — <i>Be a center of transportation research and innovation</i>		
13	R-I-1	<b>Freight Database</b> —Develop comprehensive goods movement "knowledge database" (how much freight is moving from/to and through our region and by which modes).
14	R-I-2	<b>Fuels Research</b> —Comprehensive research on production and use of ethanol/bio-fuels.
15	R-I-3	<b>Transit Research</b> —Research role of transit in establishing identity for corridor (studies of other successful corridors, e.g. Silicone Valley, research triangle, etc.).
<b>Safety &amp; Efficiency</b> — <i>Be designed and operated to promote safe and efficient travel across all modes</i>		
16	SE-I-20	<b>Work Zone Safety</b> —Driver education on work zones.
17	SE-I-25	<b>Rail Crossing Safety</b> —Study locations for warning lights and gates at railroad crossings.
18	SE-I-27	<b>Intelligent Transportation Systems (ITS)</b> —Identify diversion routes to coordinate between arterials and freeways.