

Resources for Implementing Complete Streets in the TMACOG Region

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The resources provided below are intended offer the tools necessary to support efforts to plan, design, and construct transportation projects according to complete streets principles.

The TMACOG [Complete Streets policy](#) approved in March of 2014 recognizes the importance of planning, designing, operating, and maintaining a transportation system that is safe and efficient for users of all ages and abilities regardless of their mode of transportation. It encourages multimodal facilities by putting in place a mechanism that **requires** project sponsors receiving TMACOG-attributable federal funding to consider and evaluate and make every effort to include infrastructure that improves transportation options whenever feasible for pedestrians, bicyclists, and transit riders of all ages and abilities.

The **checklist** that accompanies the TMACOG Complete Streets policy is required when applying for TMACOG-attributable federal funding through the TMACOG [Transportation Improvement Program](#) (TIP). The purpose of this checklist is to ensure that all users have been considered in a given project. In order for a Surface Transportation Program (STP) project application to be considered complete a Complete Streets Checklist must be submitted with the application.

Local Complete Streets Initiatives

Note: the TIP scoring for STP funds has been modified to include a point for project sponsors having an official complete streets document (policy, ordinance, or resolution). Don't see your initiative listed here? Please contact [Christine Connell](#) to have it added to the list.

- [TMACOG Complete Streets Policy](#)
- City of Bowling Green, Resolution to Express Support of the Complete Streets Initiative. (Resolution No. 3594, Passed 7-6-15).
- City of Sylvania, Sylvania Complete Streets Policy (Policy adopted via Resolution 14-2014. Passed 6-2-14.)
- City of Toledo Municipal Code Complete Streets Policy Chapter 901 (Ord. 656-10. Passed 12-21-10).
- Toledo-Lucas County Sustainability Plan [Going Beyond Green](#)
- City of Waterville Complete Streets Policy (Policy adopted via Resolution 21-17. Passed 4-24-17).
- Michigan Complete Streets Legislation (Public Acts 134 and 135 signed 8-1-2010) and FAQs: [State Law and Local Initiatives](#)

Model Policies, Ordinances, and Resolutions:

- [Smart Growth America](#)
- [ChangeLab Solutions](#)

Design Guidance

Fixing America's Surface Transportation (FAST) Act (beginning in FY2016) allows local jurisdictions to use a roadway design guide different from the design guide used by the State as long as the guide is approved by FHWA. This effectively permits local governments to use their own adopted design guides if they are the lead project sponsor.

American Association of State Highway and Transportation Officials (AASHTO) "Green Book" Policy on Geometric Design of Highways and Streets

- Available for purchase at https://bookstore.transportation.org/collection_detail.aspx?ID=110

Americans with Disabilities Requirements:

- Guidelines and Standards
<http://www.access-board.gov/guidelines-and-standards/buildings-and-sites/about-the-ada-standards/guide-to-the-ada-standards>

Federal Highway Administration (FHWA)

- Complete Streets Design Guide:
<http://www.fhwa.dot.gov/publications/publicroads/10julaug/03.cfm>
- Freight and Livability Information:
http://www.fhwa.dot.gov/planning/freight_planning/talking_freight/june152011transcript.cfm
- Pedestrian Safety Guide for Transit Agencies:
http://safety.fhwa.dot.gov/ped_bike/ped_transit/ped_transguide/
- Rectangular Rapid Flash Beacon (RRFB):
<http://safety.fhwa.dot.gov/intersection/resources/techsum/fhwas09009/>
- Safety Effectiveness of the HAWK Pedestrian Crossing Treatment:
<http://www.fhwa.dot.gov/publications/research/safety/10045/>
- USLIMITS is a web based tool designed to help practitioners set reasonable, safe, and consistent speed limits: <http://safety.fhwa.dot.gov/uslimits/>
- FHWA [Separated Bike Lane Planning and Design Guide](#)

Institute of Transportation Engineers (ITE)

- Designing Walkable Urban Thoroughfares: A Context Sensitive Approach
<http://library.ite.org/pub/e1cff43c-2354-d714-51d9-d82b39d4dbad>
- Traffic Calming Measures: <http://www.ite.org/traffic/tcdevices.asp>

National Association of City Transportation Officials (NACTO)

- [Urban Street Design Guide](#)
- [Urban Bikeway Design Guide](#)

National Highway Traffic Safety Administration (NHTSA)

- Uniform Guidelines for State Highway Programs-Speed Management
<http://www.nhtsa.gov/nhtsa/whatsup/tea21/tea21programs/pages/SpeedManagement.htm>

Ohio Department of Transportation (ODOT)

- [Design Standards](#)
- [Ohio Manual of Uniform Traffic Control Devices](#)
- [Project Development Process and Location & Design Manual](#)
- [ODOT Active Transportation Programs](#)

Pedestrian and Bicycle Information Center

- Archived videos of a 12-part webinar series entitled Countermeasure Strategies for Pedestrian Safety
http://www.pedbikeinfo.org/training/webinars_PSAP_countermeasurestrategies.cfm

PEDSAFE

- Pedestrian Safety Guide and Countermeasure Selection System:
<http://pedbikesafe.org/PEDSAFE/countermeasures.cfm>

Michigan Department of Transportation (MDOT)

- Michigan communities have been required to adopt locally tailored Complete Streets policies since August 2010 after amendments were made to the State Trunk Line Highway System Act and the Michigan Planning Enabling Act. The legislation defines Complete Streets as “roadways planned, designed, and constructed to provide appropriate access to all legal users...whether by car, truck, transit, assistive device, foot or bicycle.”
- [Complete Streets Advisory Council](#)
- [MDOT Bicycle and Pedestrian Terminology](#)
- [Safe Routes Michigan](#)

TMACOG

- Design Use Definitions for Bikeways:
<http://www.tmacog.org/Transportation/bike&ped/Design-Use-Definitions-Update2016.pdf>
- Pedestrian and Bikeway Committee: [Miscellaneous Planning Resources](#)

Environmental Resources

- TMACOG [Stormwater Management Standards Manual](#)
- South East Michigan Council of Governments (SEMCOG) [Great Lakes Green Streets Guidebook](#)
- Federal Highway Administration (FHWA) Office of Human Environment, Livability Initiative <http://www.fhwa.dot.gov/livability/>

- American Rivers [Low Impact Development Manual for the Lower Maumee and Ottawa River Watersheds](#)
- ODNR [Division of Water Resources](#)

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