



**2011-2014 Transportation Improvement
Plan & 2035 Long Range Transportation
Plan Amendment**

Public Meeting

May 18, 2010



Grand Valley Metropolitan Council

Established in 1990



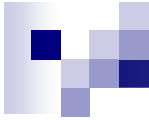
Public Meeting Purpose

- Accept comments for the development of the 2011-2014 Transportation Improvement Program (TIP) and amendments to 2035 Long Range Transportation Plan (LRTP)
 - Presentation and comments on the Air Quality Conformity Analysis and Environmental Justice review
- Early, ongoing, and proactive public participation in the transportation planning process
 - Full public access to key decisions



What is the GVMC?

- The Grand Valley Metro Council is the federally designated Metropolitan Planning Organization (MPO) for the Grand Rapids Metro Area.
- MPOs are responsible for transportation planning and coordination in urban areas having 50,000 or greater population.
- GVMC, as the MPO, is responsible for the development and updates to the LRTP and the TIP.



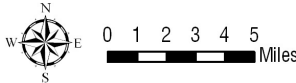
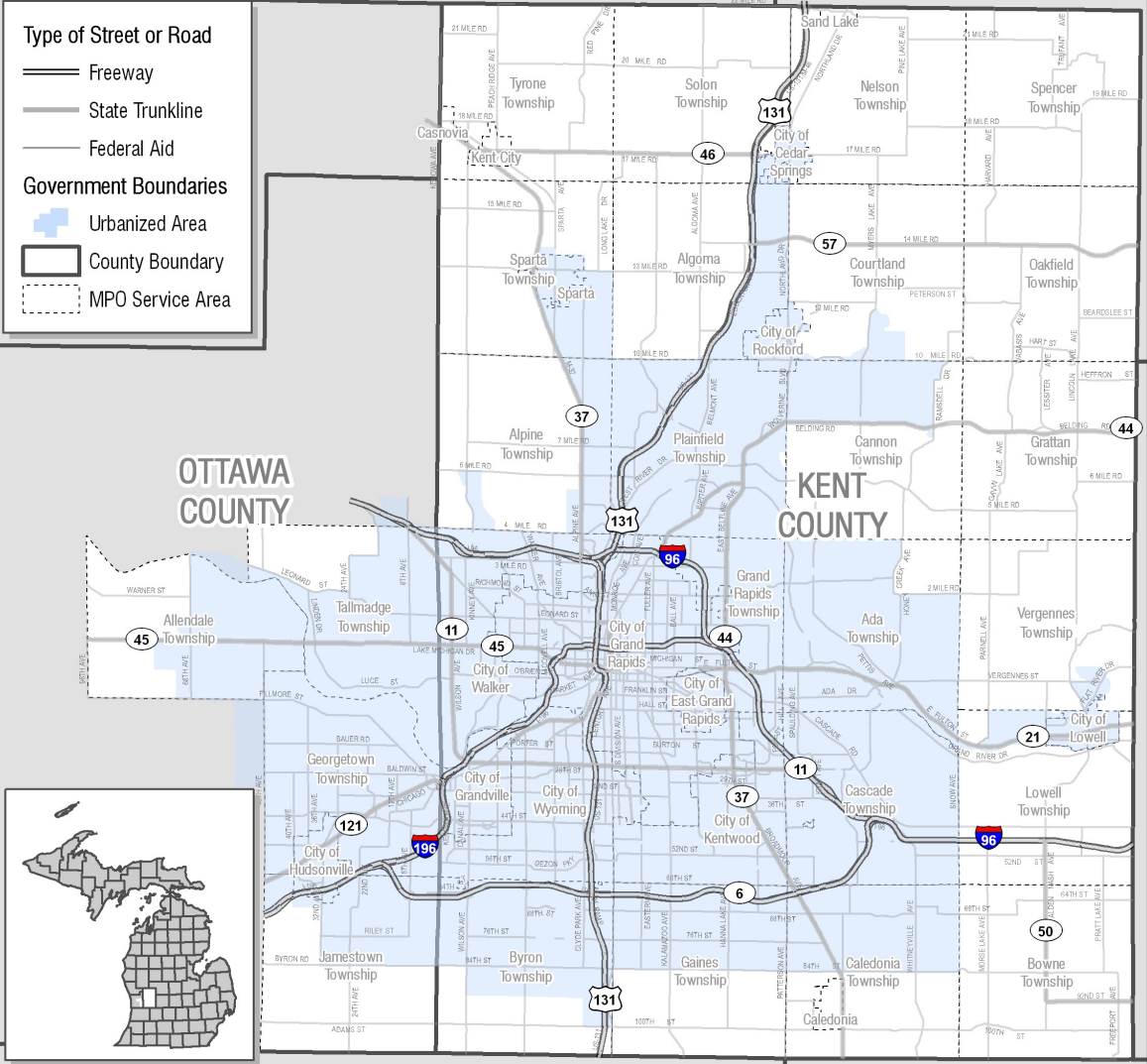
GVMC MPO & Urbanized Area

Type of Street or Road

- Freeway
- State Trunkline
- Federal Aid

Government Boundaries

- Urbanized Area
- County Boundary
- MPO Service Area



Disclaimer: GVMC makes no warranty or guarantee regarding maps or other information provided herein. GVMC assumes no liability for errors, omissions, or inaccuracies that result in any decisions made or action taken upon any maps or information presented.
Date: March, 2009
Created by: Mike Zonyk



TIP – Brief Background

- Federally mandated document that provides a forum for local identification, coordination and regional prioritization of multi-modal transportation projects.
- It is developed in accordance with joint regulations from the Federal Highway Administration and the Federal Transit Administration, to program federal dollars for local transportation projects.
- All federal money returned to the Grand Rapids area from the federal fuel tax are distributed through this process.
- The expenditure of this money is required by federal law to be consistent with the 2035 LRTP and constrained to only include projects for which there is enough revenue to complete.



TIP – Brief Background Cont.

- TIP is NOT a final schedule of project implementation
- The time frame shown is a best estimate at the time of document development.
- See handout for complete list of projects, also posted on our website www.gvmc.org
- TIP is NOT a guarantee of project implementation
- Unforeseen delays (financial, engineering, environmental) may cause a project to be delayed or moved.



Environmental Justice (EJ)

- Executive Order 12898 issued by President Clinton in 1994
 - Ensures access to those persons who have historically been underrepresented.
 - Applies to federal programs including transportation.
- Five select groups included in the analysis
 - African-American
 - Native American
 - Hispanic
 - Asian-Pacific Islander
 - Low Income
- Based on Census data and compares Study area averages for the five select groups.



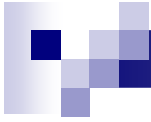
EJ Process

- Compare project list to EJ Area map.
 - Any project that touches an EJ area is flagged and becomes EJ project.
- Property owners adjacent to EJ project receive a letter informing them of proposed transportation improvement.
- Input is collected and forwarded to implementing road agency and included in the TIP document.

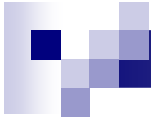


EJ Letters

- Courtesy notification of future work.
- Project and work are “PROPOSED”.
- Meeting gives opportunity for input.
- Input forwarded to road agencies and included in the TIP document.
- Projects that are in later years (2013, 2014) do not have detailed design completed yet.

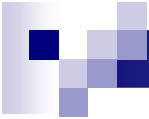


**Environmental
Justice Map**
for the
Grand Rapids
Metropolitan Area

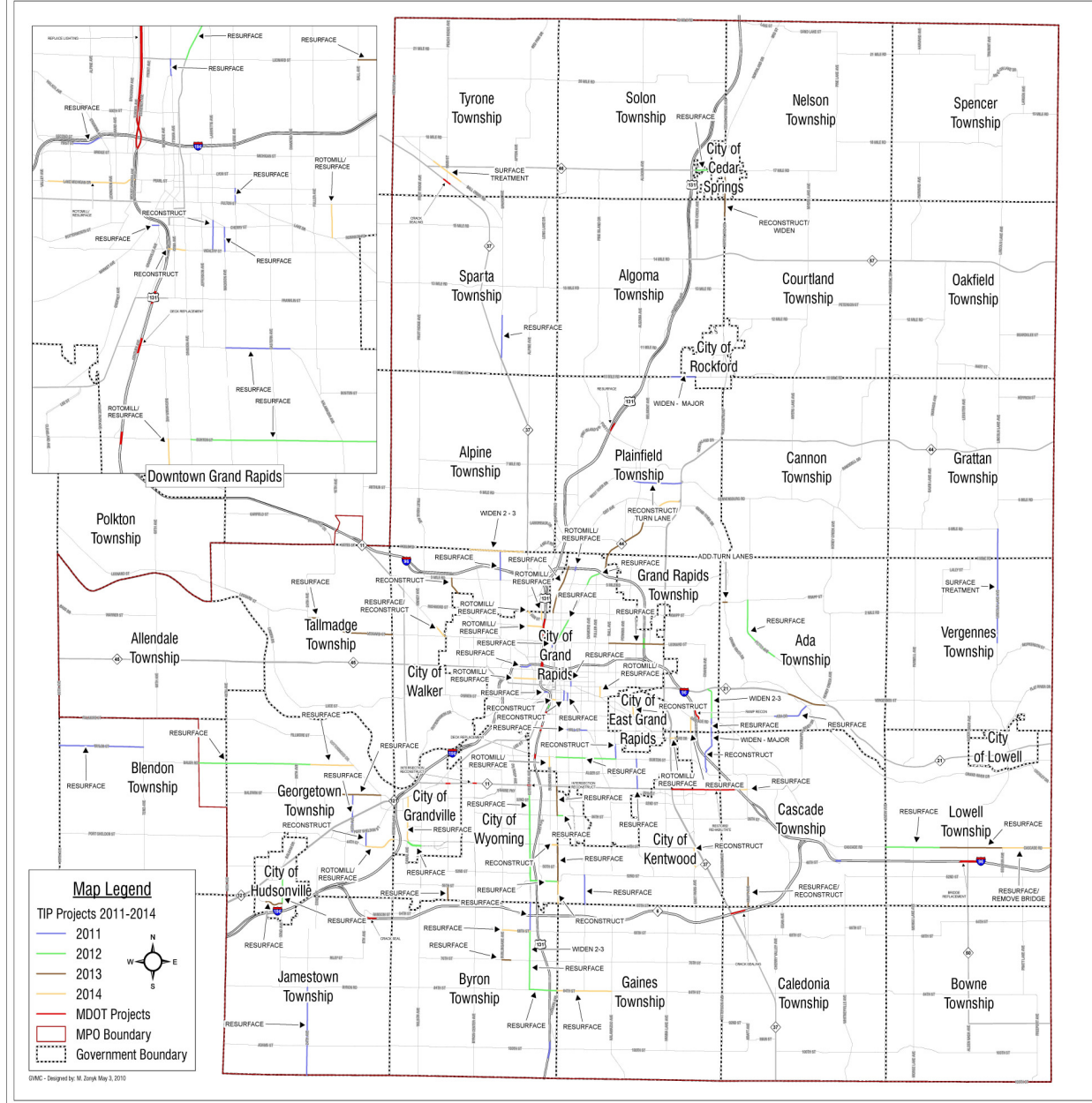


TIP Dollars by Year

Fiscal Year 2011	-	\$ 60,211,792
Fiscal Year 2012	-	\$ 31,762,717
Fiscal Year 2013	-	\$ 32,364,050
Fiscal Year 2014	-	\$ 30,840,202
Total		\$ 155,178,761



Transportation Improvement Program Projects 2011-2014





L RTP – Brief Background

- Federally mandated document that provides a strategy and methodology to outline planned transportation improvements through the year 2035.
- The LRTP encompasses all modes of transportation and strives to maximize the efficient and safe movement of people and goods from place to place within the designated boundaries of the GVMC MPO.
- The LRTP uses the most recent data available to assess transportation needs and priorities, including information about:
 - Population and employment growth
 - Requirements of all modes of transport: roads, air, rail, transit, and nonmotorized
 - Pavement deficiencies and management
 - Congestion deficiencies and management
 - Safety issues
 - Environmental considerations
- Without an approved plan, federal transportation dollars cannot be expended.



L RTP Amendment/Changes

- Amendments to the LRTP or the TIP require federal approval.
- As a result of the development of the new 2011-2014 TIP document, some of the project listings changed.
- The LRTP and TIP document projects must match in order for the new TIP to be federally approved.
- Handout lists the LRTP project changes.



Air Quality Conformity

- When a LRTP or TIP project has significant scope/limit changes, year changes, or if a project is added or deleted, this stimulates a reassessment of the impact these projects will have on the area's air quality through vehicle emissions.
- This reassessment is required by the Federal Highway Administration and the U.S. Environmental Protection Agency.
- Calculations of the levels of different types of pollutants are assessed and compared to our emission budget for conformity.

Air Quality Conformity Results

Conformity Analysis Total Results Ton/Day (Mobile 6 Budget)

	Total VOC	Total NOx	VOC	NOx			VOC Emission	NOx Emission
	Before Credit	Before Credit	Credits	Credits	Adjusted VOC	Adjusted NOx	Mobile 6 Budget	Mobile 6 Budget
Model Year	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day
2002 W/O IM	39.703	58.533	-0.19	-0.17	39.52	58.36	40.70	97.87
2011 W/O IM	19.116	26.767	-0.19	-0.17	18.95	26.60	40.70	97.87
2014 W/O IM	15.851	19.960	-0.19	-0.17	15.66	19.79	40.70	97.87
2018 W/O IM	13.375	14.311	-0.19	-0.17	13.19	14.14	40.70	97.87
2025 W/O IM	11.236	10.759	-0.19	-0.17	11.05	10.59	40.70	97.87
2035 W/O IM	11.956	9.864	-0.19	-0.17	11.77	9.69	40.70	97.87

As you can see, the Grand Rapids area is well under budget for both volatile organic compounds and oxides of nitrogen.

NOTES:

- The **Emission budget for VOC is 40.70tons/day**, based on Federal Register Vol. 72,No.94, May 16, 2007, Sec 52.1174
- The **Emission budget for NOx of 97.87 tons/day**, based on Federal Register Vol. 72,No. 94, May 16, 2007, Sec 52.1174

•(W/O) IM = without inspection/maintenance program

•Mobile 6 = a computer program that estimates volatile organic compounds (VOC), carbon monoxide (CO), and oxides of nitrogen (NOx) emission factors for gasoline-fueled and diesel highway motor vehicles. The model was developed by the USEPA.

Air Quality Conformity Results

Illustrative TIP Projects

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	Before Credit	Before Credit	Credits	Credits	Adjusted VOC	Adjusted NOx	Mobile 6 Budget	Mobile 6 Budget
Model Year	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day
2002 W/O IM	39.703	58.533	-0.19	-0.17	39.518	58.361	40.70	97.87
2011 W/O IM	19.116	26.767	-0.19	-0.17	18.947	26.605	40.70	97.87
2014 W/O IM	15.853	19.962	-0.19	-0.17	15.663	19.792	40.70	97.87
2018 W/O IM	13.376	14.311	-0.19	-0.17	13.186	14.141	40.70	97.87
2025 W/O IM	11.236	10.760	-0.19	-0.17	11.046	10.590	40.70	97.87
2035 W/O IM	11.956	9.864	-0.19	-0.17	11.766	9.694	40.70	97.87

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Road Agency Contacts

- Kent County Road Commission—Steve Warren 242-6949
- City of Grand Rapids—Rick DeVries 456-3071
- City of Wyoming—Bill Dooley 530-7262
- City of Kentwood—Terry Schweitzer 554-0710
- City of Walker—Scott Conners 791-6792
- Ottawa County Road Commission—Brett Laughlin 850-7221
- City of Grandville—Ron Carr 538-1990
- City of East Grand Rapids—Ken Feldt 949-2110
- Michigan Department of Transportation—Dennis Kent 451-4595
- Interurban Transit Partnership The Rapid—Jan Hoekstra 456-7514
- City of Hudsonville—Dan Strikwerda 669-0200

For contacts at other agencies, call Darrell Robinson, GVMC, at 776-7609.



Additional Public Participation Opportunities

- Public comment forms
 - Please indicate if you would like to be on our contact/ mailing list
- GVMC MPO Policy Committee Meeting – Weds. May 19, 2010, 9:30 a.m.
Kent County Road Commission, 1500 Scribner
- Call, fax, or email comments to:

Darrell Robinson
(616) 776-7609 - Phone
(616) 774-9292 – Fax
robinsond@gvmc.org - Email
www.gvmc.org

- Comments can also be mailed to:

Grand Valley Metropolitan Council
Transportation Dept
Suite 200, 678 Front Ave.
Grand Rapids, MI 49504





Questions?

Thank you for your comments!

Your participation greatly enhances the effectiveness of the transportation planning process.