

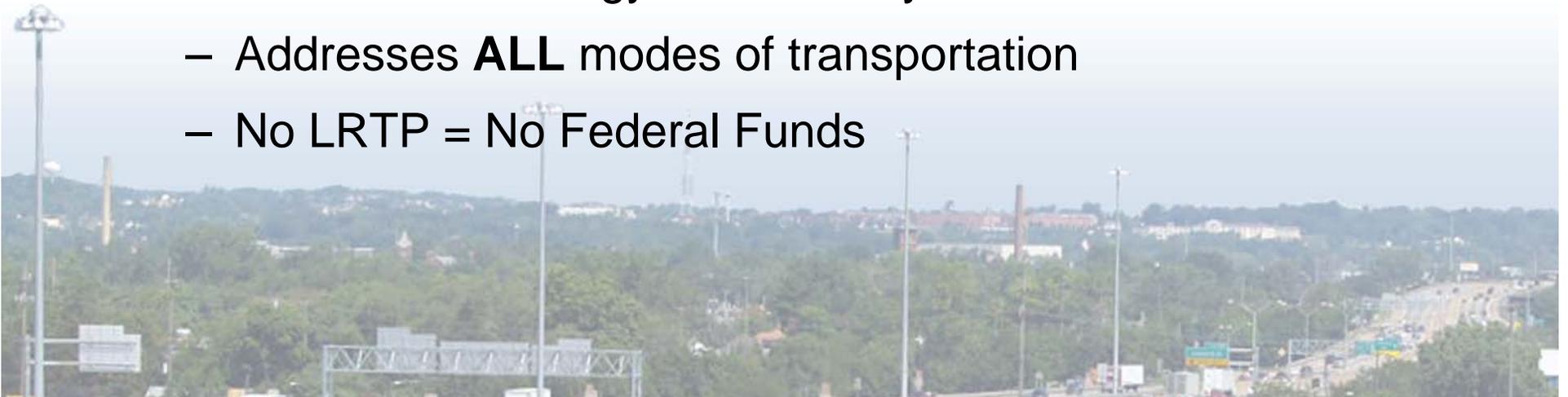
# GRAND VALLEY METROPOLITAN COUNCIL LONG-RANGE TRANSPORTATION PLAN

**2035 Long-Range Transportation Plan Update  
GVMC Board Meeting  
March 3, 2011**



# Long-Range Transportation Plan

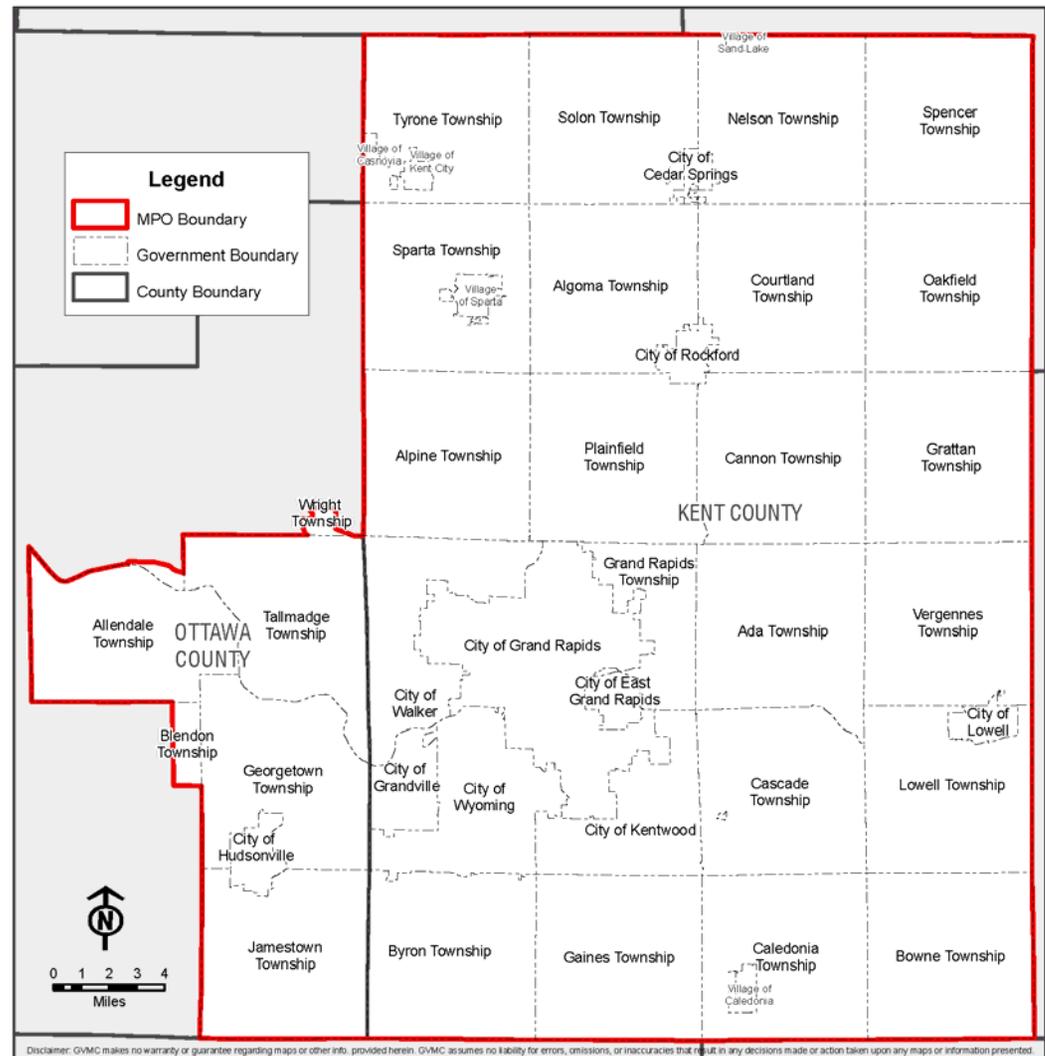
- The Grand Valley Metropolitan Council, as the federally-designated Metropolitan Planning Organization (MPO) for the Grand Rapids metropolitan area, is responsible for the LRTP.
  - Updated every four years
  - Investment strategy for next 25 years
  - Addresses **ALL** modes of transportation
  - No LRTP = No Federal Funds



# GVMC MPO Area

- Total area: 1,015.17 sq miles
- Federal-Aid Roadways: 1,564 miles
- State Trunkline Highway: 268 miles

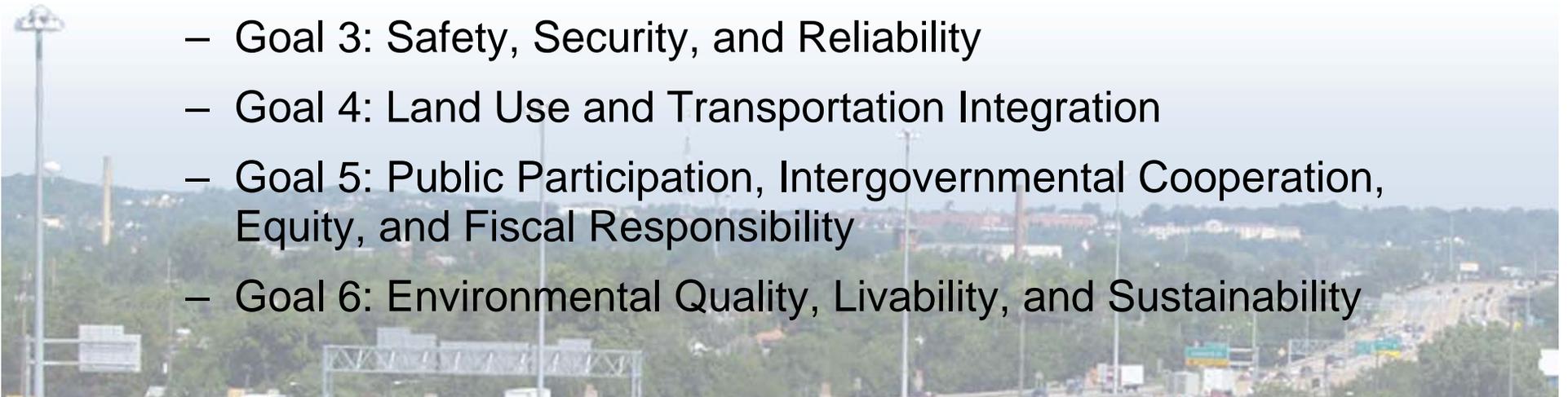
Metropolitan Planning Organization Area  
GVMC 2035 Long Range Transportation Plan



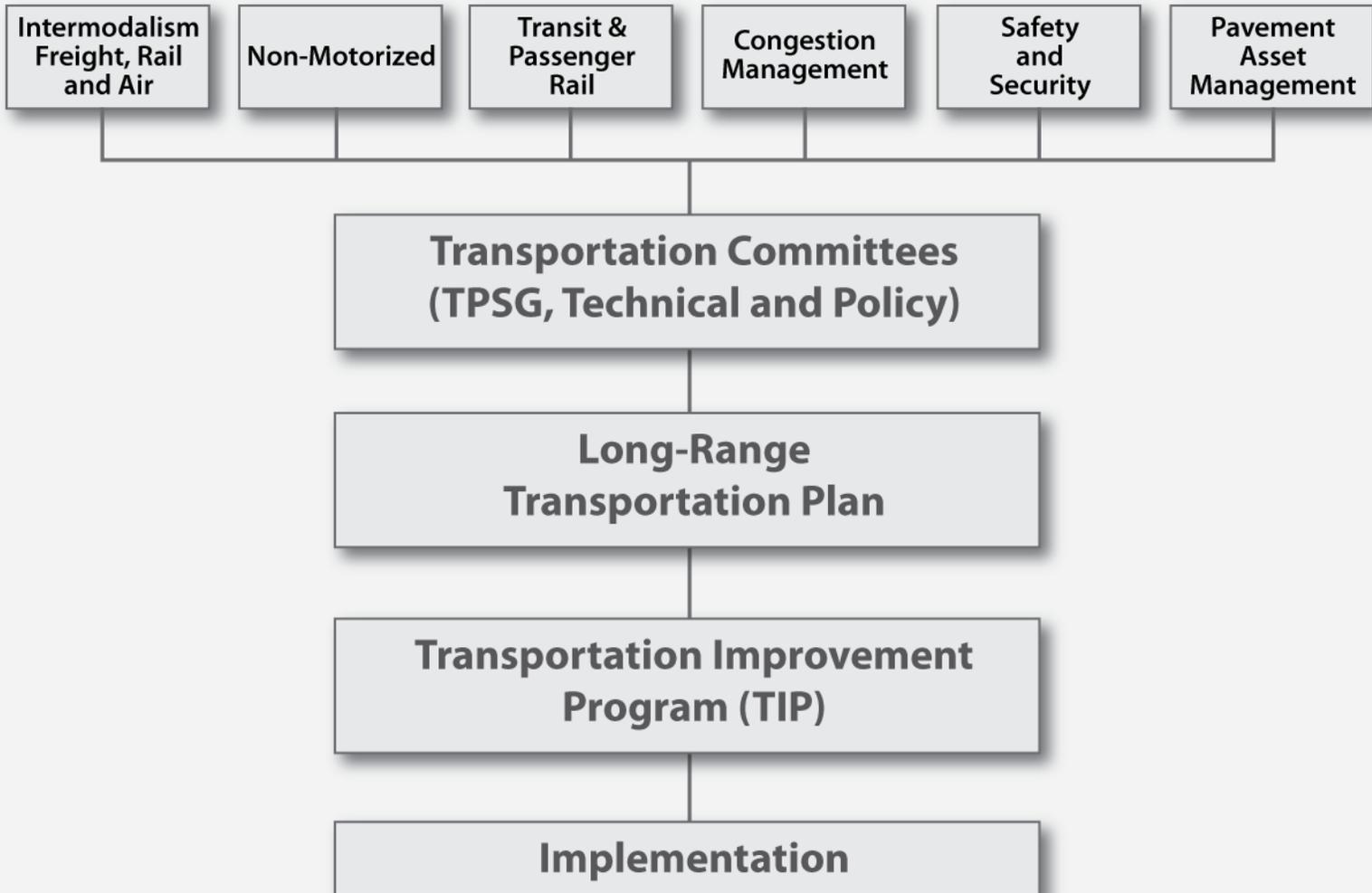
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## Vision & Goals

- Establish a sustainable multimodal transportation system for the mobility and accessibility of people, goods, and services; it will provide an integrated system that is safe, environmentally sound, socially equitable, economically viable, and developed through cooperation and collaboration.
  - Goal 1: Accessibility, Mobility, Intermodalism, and Efficiency
  - Goal 2: System Preservation
  - Goal 3: Safety, Security, and Reliability
  - Goal 4: Land Use and Transportation Integration
  - Goal 5: Public Participation, Intergovernmental Cooperation, Equity, and Fiscal Responsibility
  - Goal 6: Environmental Quality, Livability, and Sustainability



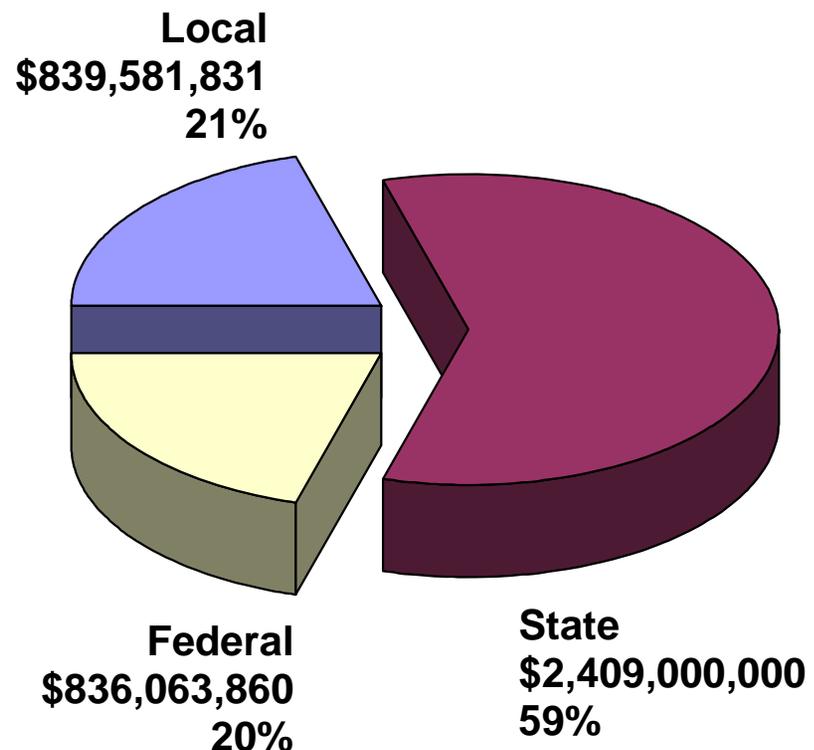
### L RTP Program Areas



## 2011-2035 LRTP Program: \$4.08 billion

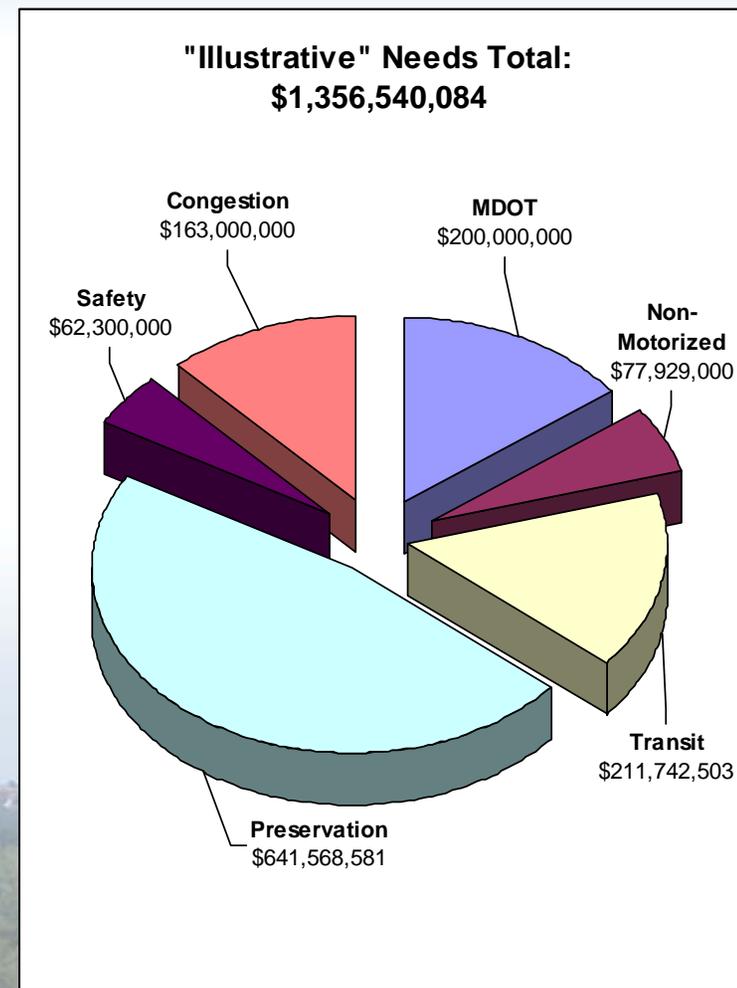
- Revenue inflation rates: 0% to 4.89%
- Every dollar of revenue is committed
- Revenues = Expenditures
- Project costs inflated to the year of expenditure (YOE)

### 2035 LRTP Revenues



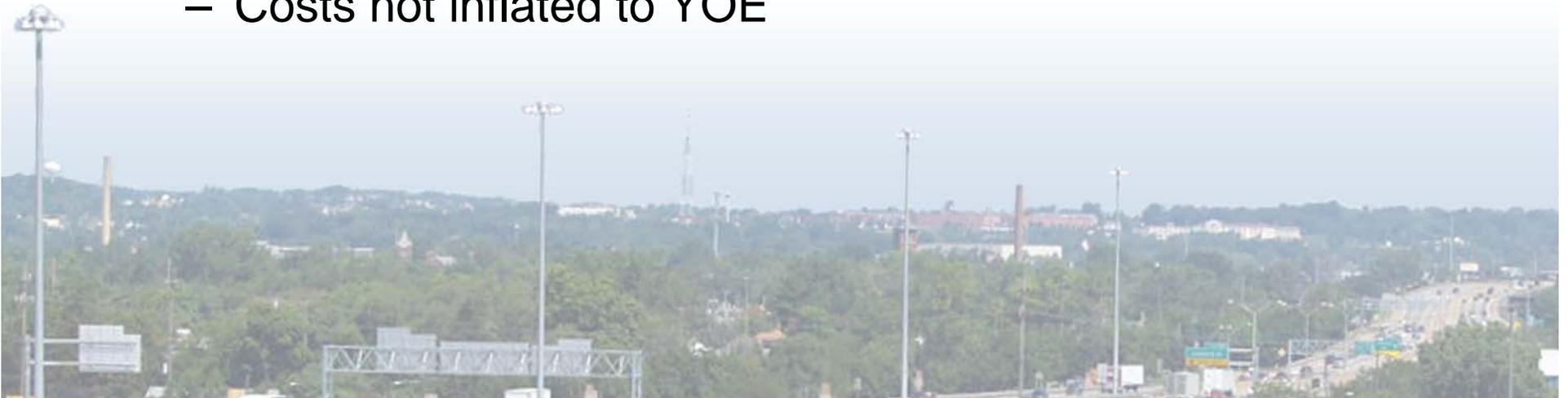
## L RTP Unfunded Needs: \$1.3 to 3 Billion

- Identified Unfunded “Illustrative” Projects Total: **\$1.3 Billion**
  - Many project costs not yet identified (esp. MDOT)
  - Many project costs not inflated to YOE (appear lower than they will be)
- Estimated Unfunded Transportation Projects Total: **\$2 to 3 Billion**



## Non-Motorized: Needs

- \$700,000 to \$1 Million annual Non-Motorized Transportation Enhancement (TE) awards, occasional project funded through CMAQ
- **Total Need: \$77.9 – \$95 Million**
  - Not all projects have identified costs
  - Costs not inflated to YOE



## Non-Motorized: Projects

- 143 “Illustrative” Non-Motorized projects
  - Sidewalk: 28 miles
  - Shared-Use Path: 156 miles
  - Bicycle Lane: 80 miles
  - Bicycle Route: 37 miles
- Total identified funding: **\$36 Million**
  - TE is statewide competitive
  - This figure is not a guarantee



## Transit: Needs

- Approximately \$750,000 in CMAQ and STP Rural funds spent by the MPO annually for transit capital improvements (e.g. bus replacements)
- Transit operating costs primarily paid for by passenger fares and taxes
- Transit capital costs primarily paid for by Federal Transit Administration funding programs
- **Total Need: \$1.8 Billion**



## Transit: Projects

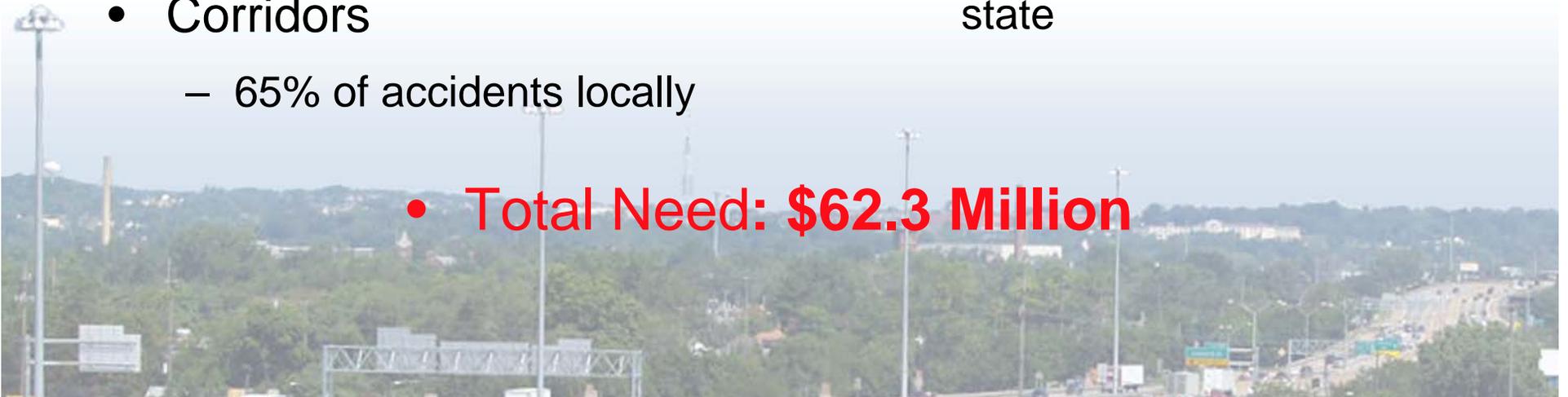
- “Illustrative” Transit projects
  - Capital Needs
  - Streetcar and Streetcar facilities
  - Facility Expansion/Maintenance
  - Replacement and expansion of fixed-route buses
  - Replacement and expansion of paratransit vehicles
- Total identified funding: **\$1.6 Billion**



## Safety: Needs

- Drunk/Distracted Driving Campaign
  - Drunk driving takes 17 lives annually in GVMC area
- Intersections
  - 36% of accidents locally
- Corridors
  - 65% of accidents locally
- Senior Mobility
- Non-Motorized
  - 1 accident/day locally
- Car/Deer
  - Kent County has highest number of crashes in the state

• **Total Need: \$62.3 Million**



## Safety: Projects

- Approximately \$1 Million federal safety awards to GVMC area annually
- Total identified funding: **\$60 Million**
  - Safety funds are statewide competitive
  - This figure is not a guarantee



## Congestion: Needs

- Recurring Congestion: \$70 Million
- Corridor Progression/Operations: \$38.3 Million
- Non-Recurring Congestion: \$54.7 Million
- **Total Need: \$163 Million local**



## Congestion: Projects

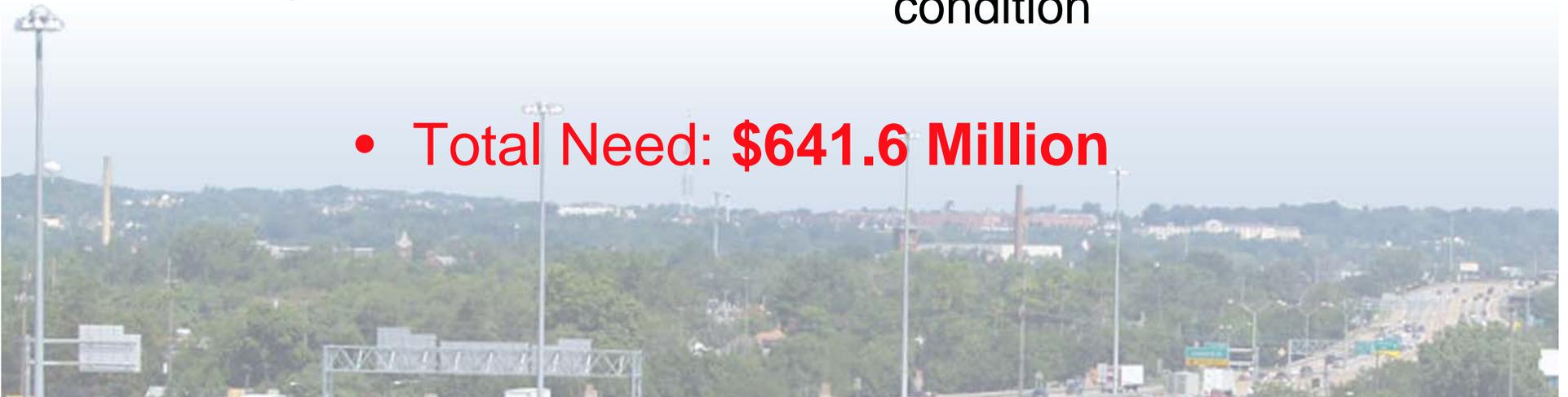
- 128 Expansion Projects
- 22% Road reconstruction and addition of a center turn lane
- 2% Road reconstruction while increasing up to five lanes
- Total identified funding: **\$45.6 Million** local  
**\$613 Million** local + MDOT



## Pavement: Needs

- 35% of non-trunkline federal-aid system in *poor* condition currently
- 58% projected to be in *poor* condition if investment levels are continued through 2035
- \$11 Million spent annually on pavement condition
- \$21.5 Million needed annually to maintain condition
- \$33 Million needed annually for *good or fair* condition

• **Total Need: \$641.6 Million**



## Pavement: Projects

- 2011 to 2014: 79 projects  
2015 to 2035: Projects TBD
- 2011 to 2035  
Total identified funding: **\$451 Million**

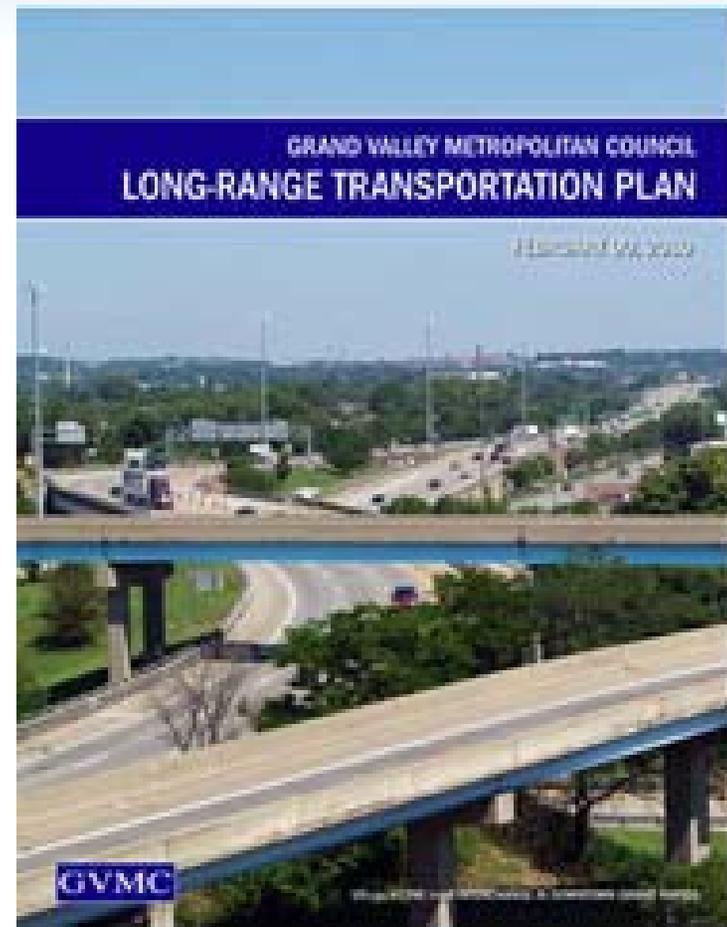


## Public Involvement

- Citizen Survey – 218 Completions
- Sixteen two-hour public meetings
  - Various times, locations, many along fixed-line bus routes
- Hardcopies of the Draft LRTP available at all local libraries, nearly every jurisdiction in MPO area, GVMC, MDOT, ITP offices, and online: [www.gvmc.org](http://www.gvmc.org)
- Two direct mailings to 495 interested citizens
- One meeting and four direct mailings to 150 “consulted” agencies and 47 environmental orgs
- Two postings in the *Grand Rapids Press*
- Three articles about public meetings
- Thirty 15-second radio public service announcements

Access LRTP document  
and project list online:

[www.gvmc.org](http://www.gvmc.org)



**Thank you!**

