



TRANSPORTATION POLICY PLAN

2040 Update Performance Based Planning

Transportation Advisory Board

June 21, 2017

Performance Based Planning

- Federal law requires MPOs to tie the selection of transportation investments to outcomes and measure progress towards meeting the desired outcomes (performance-based planning)
- Current plan sets Transportation System Goals, Objectives, Strategies
- A key component of performance based planning is identifying the important measures that will help the region select investments
- Selected performance measures and targets included in plan update
- Ability to describe impact of the plan

Federal Performance Measures – Effective Date

- Measures cover several areas:
 - Safety
 - Transit State of Good Repair
 - Pavement Condition
 - Bridge Condition
 - System Performance
 - Freight
 - CMAQ
- Safety and State of Good Repair have been issued
- Remaining 5 were postponed

Federal Performance Measures – Effective Date (Continued)

- Effective date for these Performance measures is May 20, 2017:
 - Pavement Condition
 - Bridge Condition
 - System Performance
 - Freight
 - CMAQ
- Performance measure regarding the percent change in CO2 emissions from 2017 from on-road mobile sources is delayed indefinitely and will be subject to a new NPRM

Federal Performance Measures - Targets

- MnDOT required to set state targets within 1 year of federal measure effective date
 - 4 year cycle
 - 2 and 4 year targets
 - 4 year target may be adjusted at 2 year mid-point
 - New 2 and 4 year targets set at end of first 4 year cycle
- MPOs required to set state targets within 180 days after state DOT sets targets
 - May adopt specific targets
 - May elect to support state targets
 - May set longer term targets, but they will have no federal reporting requirements except as part of LRTP

Regional Performance Measures

- 2040 TPP included performance measures of more regional relevance to evaluate the TPP's impacts on:
 - Plan goals
 - Plan objectives
- Refinement of measures reported in Chapter 12 of the 2040 TPP has been underway over the previous year
- TAC Planning Committee serves as PMT
- Beginning to evaluate data to set targets for plan performance measures

TPP Goal: Transportation System Stewardship

Performance Measure	Metric	Target	2040 Target Recommended?
Pavement Condition	Percent of Lane-Mile in Good or Poor Condition: Interstate and Non-Interstate NHS	Federal Short Term	Yes
Bridge Condition	Percent of NHS Bridges in Good or Poor condition	Federal Short Term	Yes
MnPASS Reliability	Percent of Time a MnPASS Lane is Operating at 45 mph or Greater.	Local	Yes

TPP Goal: Transportation System Stewardship (continued)

Performance Measure	Metric	Target	2040 Target Recommended?
Transit State of Good Repair	Percentage of Assets in a State of Good Repair Vehicles Met or Exceeded Useful Life Benchmark Assets with Condition Rating Below 3.0 on FTA TERM Scale	Federal Rulemaking: Short Term	?
Runway Pavement Condition	Rating of “Average”, “Good”, or “Great” by Airport.	Local	No

TPP Goal: Safety and Security

Performance Measure	Metric	Target	2040 Target Recommended?
Fatalities and Serious Injuries	Number and Rate	Federal Rulemaking: Short term	Yes
Combined Non-Motorized Crashes	Number of Crashes	Federal Rulemaking: Short term	Yes

TPP Goal: Access to Destinations

Performance Measure	Metric	Target	2040 Target Recommended?
Mode Balance	Mode Share and Mode Participation Rate	Federal Rulemaking: Short Term	Yes
	MnPASS Usage	Local	Yes
	Transit Ridership	Local	Yes
Job Accessibility	Number of Jobs Accessible in 30 Minutes by Mode	Local	No

TPP Goal: Access to Destinations (continued)

Performance Measure	Metric	Target	2040 Target Recommended?
Travel Time Reliability	Reliability Index	Local	Yes
	Annual Hours of Person and Truck Delay	Federal Rulemaking: Short Term	Yes
	Average Aircraft Delay at MSP	Local	?
Regional Bicycle Transportation Network (RBTN) Implementation	Number of miles and/or percentage of the RBTN That Have Been Completed.	Local	?

TPP Goal: Competitive Economy

Performance Measure	Metric	Target	2040 Target Recommended?
Air Travel	Cost per Passenger at MSP	Local	?
Freight	Truck Travel Time Index	Federal Rulemaking: Short Term	Yes
Transit	Population with Access to High-Frequency Transit Service	Local	Yes

TPP Goal: Healthy Environment

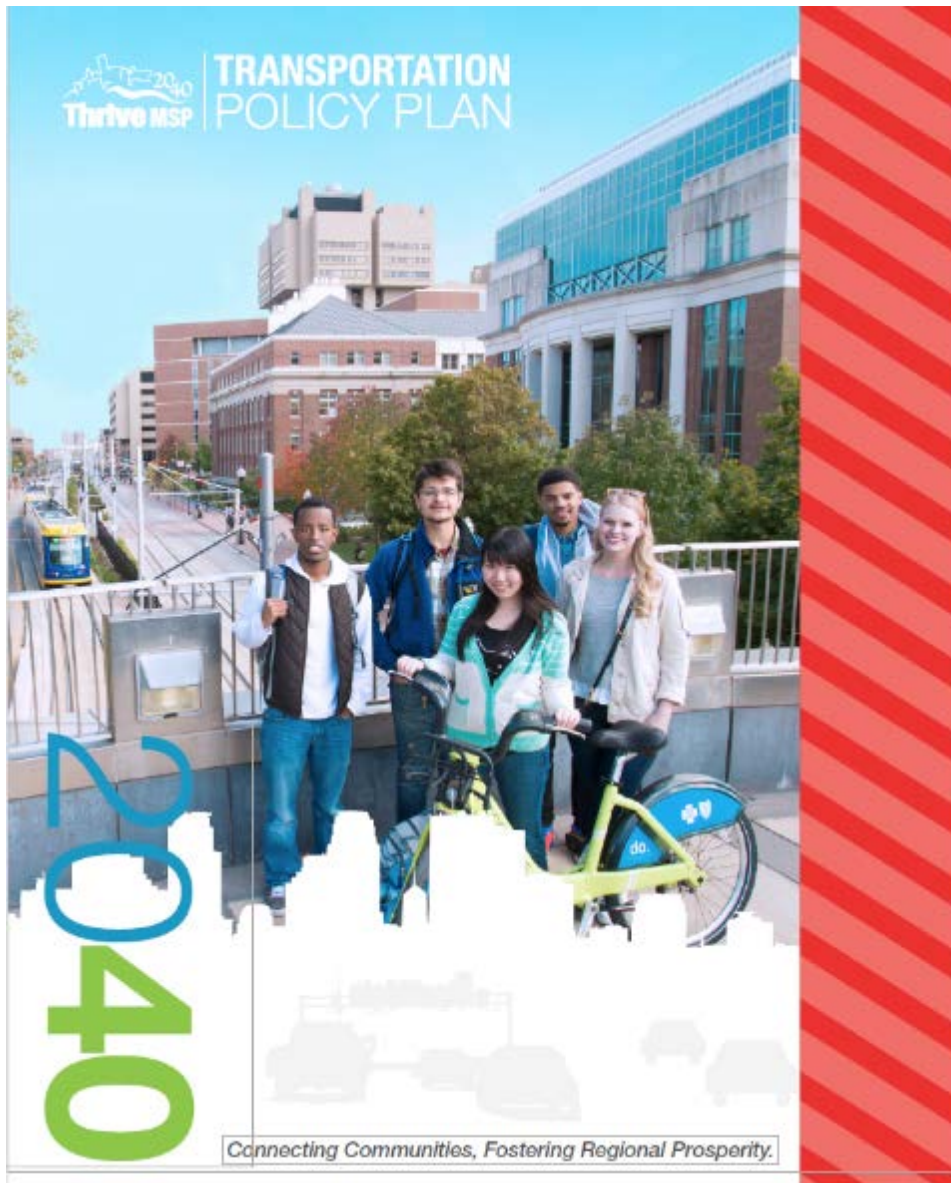
Performance Measure	Metric	Target	2040 Target Recommended?
Air Quality	Greenhouse Gas and Criteria Pollutant Emissions	Local and Regulatory Standards	Yes
	Bicycle and Pedestrian Miles Traveled	Local	Yes
	Vehicle-Miles-Traveled per Capita	Local	Yes

TPP Goal: Leveraging Transportation Investments to Guide Land Use

Performance Measure	Metric	Target	2040 Target Recommended?
Freight Land Use	Acres of Riverfront or Rail-Accessible Industrial Land	Local	Yes
Transit	Job and Population Growth near High Frequency Transit Service	Local	Yes
	Transit Supportive Comprehensive Plans	Local	Yes

Next Steps

- Coordinate with MnDOT in establishing state targets for federally required measures.
- Establish MPO targets for federally required measures.
- Develop local targets for non-federal measures as needed.



- Current Plan available at:
- www.metrocouncil.org

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