



2040 Update

Transportation Advisory Board

April 19, 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 have been postponed until May 20th, 2017

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

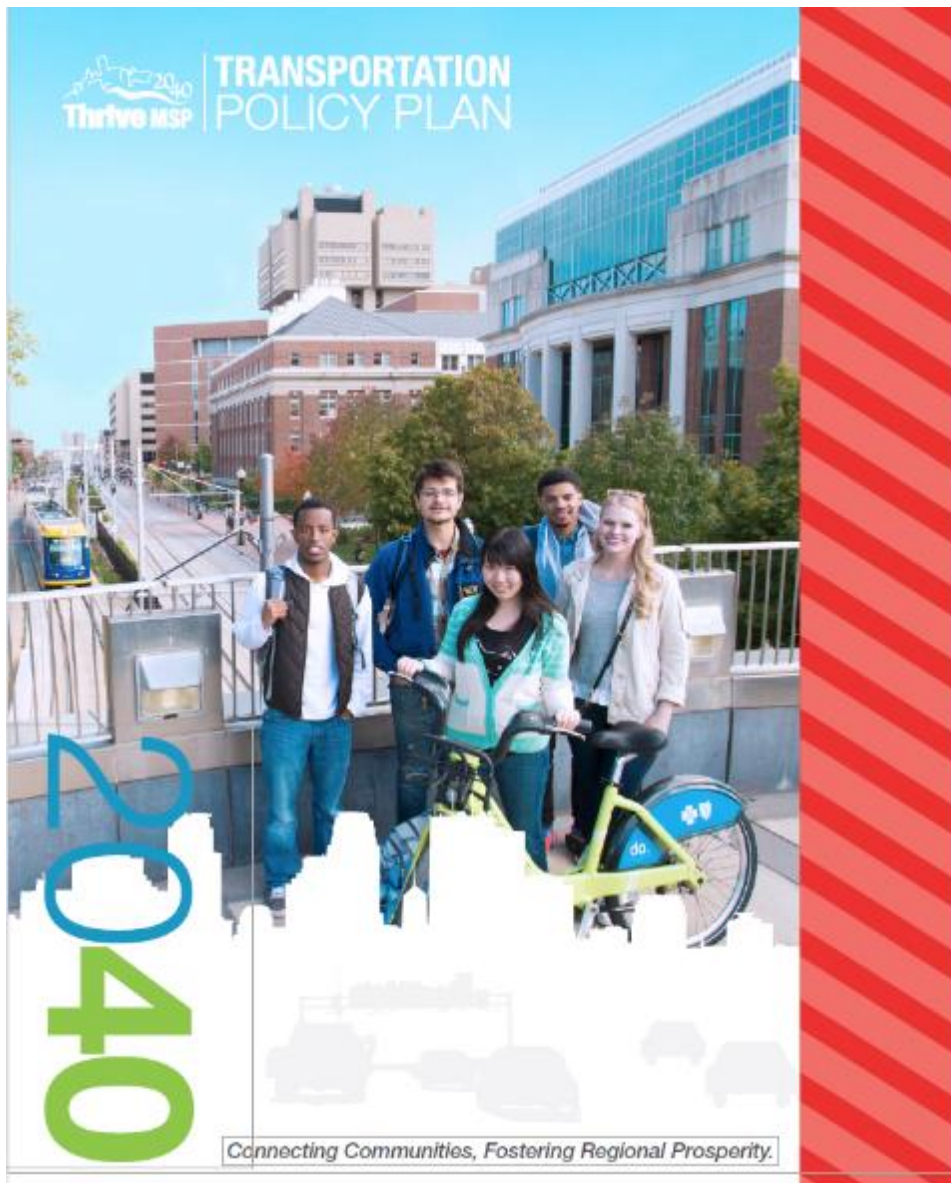
| Performance Measure | Metric | Target | 2040 Target Recommended? |
|---------------------|---|--------------------------------|--------------------------|
| Air Quality | Greenhouse Gas and Criteria Pollutant Emissions | Local and Regulatory Standards | Yes |
| | Bicycle and Pedestrian Miles Traveled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