

# 2040 Transportation Policy Plan Update Schedule and Proposed Work Program

Metropolitan Council Transportation Committee  
04/13/2020



# TPP Update Schedule and Process

- Schedule for review and adoption of the 2040 Transportation Policy Plan Update will remain unchanged
  - June 10 Council recommendation to release for public comment
  - Mid-June through July public review and comment period
  - Aug-Sept revise and review in response to public comment
  - Oct 21 TAB recommendation
  - Nov 25 Council adoption
- TAB and its committees continue meeting on-line, providing written comments
- Comments are tracked and responses and edits incorporated as appropriate

# Recognizing COVID-19 Outbreak

- Language recognizing the COVID-19 Outbreak incorporated into Overview, Highways, Transit, Bicycle and Pedestrian, Aviation and Work Program chapters
- Acknowledge the short and potential long term impacts the outbreak will have on travel behavior, transportation revenues and spending priorities for the transportation system
- Acknowledge that understanding the impacts will take time and significant analysis
- This Update does not seek to incorporate changes due to the COVID event; commits to three major Work Program items related to analyzing impacts on:
  1. Travel behavior
  2. Transportation revenues and spending
  3. Aviation system

# COVID-19 Outbreak – Work Program Items

- Travel Behavior short- and long-term changes
  - Conduct special household survey during COVID Stay at Home order and social distancing
  - Use and analyze available data sources (household survey data, roadway traffic counts, and passive origin-destination travel data)
  - Trip purposes, non-essential versus essential trips
  - Telecommuting and on-line commerce
- Transportation System Financial Impacts
  - Highway and Transit financial analyses
  - Revenue sources growth assumptions
  - Spending adjustments
- Aviation System
  - Airline passenger demand and capacity
  - Business and personal travel
  - Revenue impacts

# Highways – Work Program Items

- Congestion Management Process Plan
  - Assess thresholds for congestion
  - CMP Handbook of corridor analysis methodology
- Highways Performance Measures and Funding Decisions
  - Identify mobility (congestion reduction) performance measures for the region
  - Estimate a mobility monetary need value
  - Coordinate with MnDOT for state investment planning
- Regional Solicitation Projects Before and After Analysis
- Connected and Autonomous Vehicles
- **Assessment of Regional Congestion Mitigation Philosophy (New)**

# Highways Work Program - Assessment of Regional Congestion Mitigation Philosophy

- Public conversation of current approach
- Policymaker, technical stakeholders and general public input
- Analysis of future congestion, funding levels, trade-offs
- Goal to reaffirm, refine, or change direction in 2050 TPP

# Transportation Research and Modeling - Work Program Items

- Travel Behavior Inventory Program
  - Household travel surveys continue
  - **New COVID-19 event travel Survey**
  - Transit On-Board survey
  - Special Generator surveys
- Regional Travel Demand Model updates

# Transit – Work Program Items

- Comprehensive Transit Finance Report
- Bus Service Allocation Study
- Network Next
  - Local Bus Speed and Reliability Improvements
  - Arterial Bus Rapid Transit Network Update
- Downtown Transit Capacity and Transit Advantages Analysis
- **Microtransit and Shared Mobility Access to Transit (New)**
- **Mobility Hub Planning Guide (New)**



# Transit Work Program – Shared Mobility/Microtransit

- TPP has yet to define role for Shared Mobility and Microtransit in the region; policy limited to defining them as potential alternative to fixed route transit
- Need for policies and strategies to define how Shared Mobility and Microtransit can help achieve regional goals
- Work program item is purposefully open-ended to allow for further definition in an area of fast-evolving strategies
- Interest in Mobility Hub development and role Hubs can play in the transportation system

# Bicycle – Work Program Items

- RBTN Bikeway Facility Guidelines and Measures Study
  - Provide recommendations for preferred facility types on RBTN alignments in urban, suburban areas and in rural areas hosting RBTN
  - Develop recommended guidelines for applying quantifiable measures when evaluating requests for new or re-aligned RBTN corridors and alignments
  - Guidelines used to evaluate requests for RBTN additions/changes prior to each Solicitation
- Regional Bicycle System Inventory Update
- Regional Bicycle and Pedestrian Count Program

# Pedestrians – Work Program Items

- Pedestrian Safety Action Plan
  - Analysis of historic crash data to identify trends and systemic analysis to identify risk factors and priority areas
  - Recommend countermeasures and programmatic changes
- Regional Sidewalk Inventory Development
  - Lack of consistently available data
  - Using other MPOs as models, develop regional routable network dataset for planning level use
  - Needs further discussion and refinement
- Review of Best Practices for Walkable Neighborhoods

# Freight – Work Program Items

- Industrial Land Atlas Mapping Tool (led by Community Development)
  - On-line, interactive mapping tool
  - Facilitates identification/prioritization of industrial sites for development
  - Assists cities in identifying where land should be preserved for industrial uses
- Regional Truck Data Collection Framework
  - Determine best methods and process for collecting & managing truck data on Regional Truck Freight Corridors

# Aviation – Work Program Items

- COVID-19 System Impacts
- Regional Aviation System Study
  - Update 2009 System Study
  - Include MSP and reliever airport long range plan update information
  - Include improvements since 2009
  - Update forecasts
  - Impacts of unmanned aerial systems (drones)

# General System Planning – Work Program Items

- Transportation Safety Planning and Priorities for the Region
- Equity Analysis for Transportation
- Electric Vehicles Planning Study
- Inventory and Planning Scenarios for Greenhouse Gas Emissions (led by Community Development)

# Electric Vehicles Planning Study

- Important element of climate mitigation
- Scan of current activities, charging opportunities, market
- Analyze traffic patterns and knowledge/perceptions/needs of public, fleet managers, staff and/or policymakers
- Fill information gap for public, fleet managers, staff and/or policymakers
  - Electricity generation, how to charge to help green the grid
  - Total cost of ownership, available EVs
  - Potential co-benefits (health, transit, others?)
- Evaluate additional charging needs
  - Consider a wide variety of use cases
  - Equity implications of various investments

# Inventory and Planning Scenarios for Greenhouse Gas Emissions

- Inventory regional and community greenhouse gas emissions
- Create an on-line inventory and interactive map
- Develop regional and community-level scenarios and strategies that can be analyzed for potential impact to greenhouse gas emissions



# TAB Feedback

- Need more focus on planning studies that connect to economic competitiveness of the region, i.e. transportation-economy-jobs-housing connections
- Focus on studies related to system resiliency to climate change
- Better incorporate the transportation issues and needs of the disabled and elderly populations