2022 Unified Planning Work
Program Planning Studies &
Major Work

TAC Planning Committee
05/13/2021
2021-2024 Planning Work

• Major work concluded in 2020…
  – 2040 Transportation Policy Plan Update completed
  – 2020 Regional Solicitation Process completed
  – 2019 TBI Household Travel Survey and Covid-19 survey work completed

• 2021 Kicks off new round of Planning work over next four years
  – 2050 Plan (Thrive MSP 2040 update) work and engagement (CD led)
  – New regional transportation studies to feed into 2050 plan
  – New transportation surveys, modeling and data analysis work
  – 2022 Regional Solicitation changes and preparation
  – Planning work and corridor investment studies led by others
Transportation Policy Plan Identifies 4-Year Planning Program (Chapter 14)

• Covid-19 related studies
• Equity
• Multi-modal investment studies (highways, transit, freight, bicycle, pedestrian, aviation specific studies)
• Connected and Automated Vehicles
• Transportation and Climate Change
• Regional Transportation Surveys, Research and Modeling
• Safety
• Travel Demand Management
2020 Planning Work Continuing in 2021

- Twin Cities Highway Mobility Needs Analysis (near completion)
- Regional Pedestrian Safety Action Plan (to be completed by early 2022)
- RBTN Bikeway Facility Guidelines & Measures Study (to be completed this summer)
- Detailed Congestion Management Process Corridor Analysis Handbook (to be completed early 2022)
- Regional Solicitation Before and After Study II (near completion)
- Mobility Hub Planning Guide (led by Metro Transit, completed by year end)
2021 Studies Getting Underway

• A Path to Accelerate Electric Vehicle Adoption (recently begun)
• Roadway Functional Classification Process Update
• Principal Arterial Intersection Conversion Study Update
• Regional Truck Freight Corridors Data Analysis Tool Update (internal work)
• Travel Demand Management Study (fall 2021 start)
• Equity Evaluation and Strategies for Regional Transportation Investment
  – $250,000 Council grant
• Aviation System Plan update
  – FAA grant anticipated
Travel Model Work & Research Partnerships

- ActivitySim Model Local Implementation Phase I & AMPO Research Consortium participation
- Network Wrangler Maintenance and Enhancement
- 2050 Plan (Thrive Update) scenario development and modeling (led by Community Development)
- U of M Transitways Impact Research
- U of M Accessibility Observatory
- Peer Regions Research (set-aside for needed peer comparison work)
- Zephyr Foundation Membership
- Transport Foundry - CityCast Platform
Travel Surveys and Data Analysis Work

• Covid-19 related travel research continues (internal analysis)
  – Peak hour travel impacts
• 2021 TBI Household Travel Survey
  – Council/TAB/MnDOT funded
• Transit On-Board Survey
  – Council/TAB/MnDOT funded
• TBI Research Briefs (internally produced)
• Transportation Performance Dashboard creation (internal work)
Regional Planning Process Work

• Significant internal work, typically staff led, non-consultant
• 2022 Regional Solicitation application development
  – Revisions based upon survey and comments from 2020 Solicitation
  – Unique projects category creation
  – RBTN map update
  – Regional bicycle barriers & barrier crossing areas map update
  – Truck Freight Corridors update
  – Scoring measures updated as needed
• 2022 work includes application release, scoring and funding options
• Online TIP mapping
• TAB Transportation Equity work
Proposed 2022 New Studies

- Regional Safety Study
- Urban Freight Distribution Study
- TPP Goals Review, Engagement & Update
  - Prepare for inclusion in 2050 TPP update
  - Reassess Regional Approach to Congestion
- Transportation & Climate Change Measures
- Model Improvement work continued
  - ActivitySim Model Local Initial Implementation Phase II
Questions for Discussion

• Suggestions for refining or refocusing proposed studies?
• What is missing from the planning work program?
• Does your agency have related planning work on-going or proposed:
  – How can/should the Council participate?
  – Are there partnership opportunities?
• Ideas for transportation planning studies beyond 2022?
Thank you

Amy Vennewitz
Deputy Director MTS
amy.vennewitz@metc.state.mn.us