

2020 Unified Planning Work Program

Transportation Committee
September 23, 2019



Unified Planning Work Program

- Outlines planning priorities facing the region
- Describes our transportation and transportation-related air quality planning activities
- Identifies the products that will be produced in 2020
- Serves as an application for federal funding

Unified Planning Work Program (UPWP)

- Describes our transportation planning:
 - Budget
 - Planning activities
 - Studies
- Lists funding source(s) for each task
- Based upon federal Consolidated Planning Grant (CPG) funds and local funding sources
- Participants include:
 - Metropolitan Council
 - MnDOT
 - Transit Providers
 - Minnesota Pollution Control Agency
 - Metropolitan Airports Commission



UPWP Major Work Categories

- A. Planning and Programming Process
- B. Modal System Planning
- C. Long Range System Planning
- D. Travel Forecasting and Model Development
- E. Short Range Planning and Performance Monitoring
- F. Non-CPG (Locally-Funded) Planning Activities
(Aviation Planning and RALF)

A. Planning and Programming Processes

- Task A-1: Planning Program Process Support
- Task A-2: TIP Development and Management
- Task A-3: Regional Solicitation

B. Modal System Planning

- B-1: Highway System Planning
- B-2: Freight Planning
- B-3: Transit Planning
- B-4: Bike/Ped Planning
- B-5: Participation in Corridor Studies and Work Led by Regional Partners

C. Long-Range System Planning

- C-1: Transportation Policy Plan
- C-2: Land Use Planning
- C-3: Environmental Justice and Equity
- C-4: Air Quality and Climate Change Planning
- C-5: Transportation Finance
- C-6: Automated, Connected, and Electric Vehicles

D. Travel Forecasting and Model Development

- D-1: Travel Research and Behavior
- D-2: Travel Model Development and Forecasting

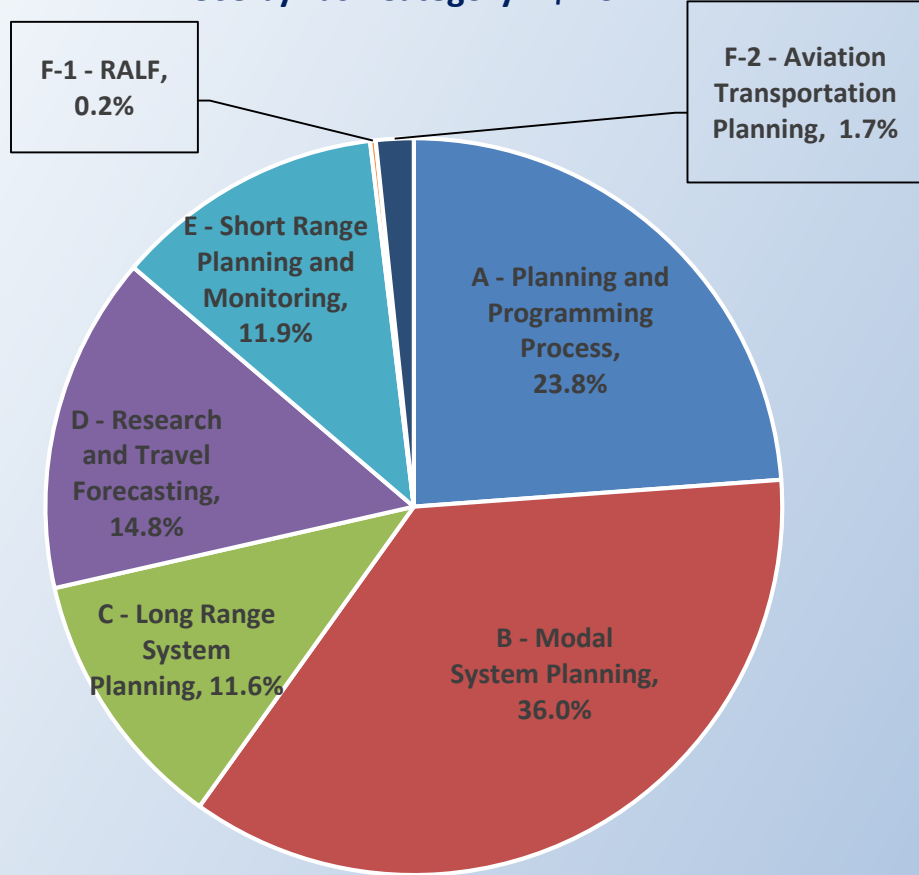
E. Short-Range Planning and Performance Monitoring

- E-1: Congestion Management Process
- E-2: Transportation System Performance Monitoring and Data Collection

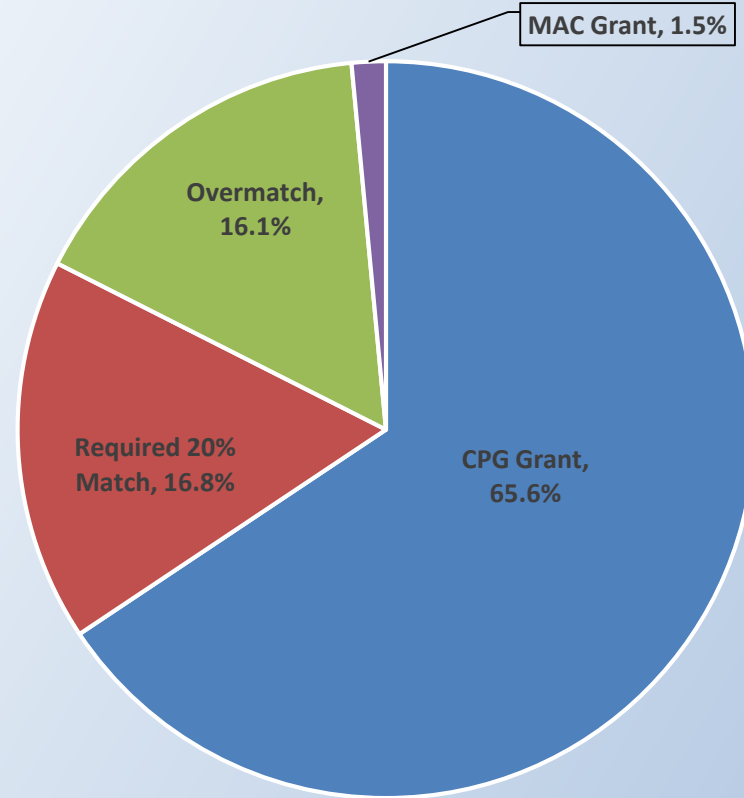
F. Non-CPG Planning Activities

- F-1: Right of Way Acquisition Loan Fund
- F-2: Aviation Transportation Planning

Use by Task Category = \$7.3M



Sources = \$7.3M



Staff Weeks

A	B	C	D	E	F-1	F-2	Total Weeks of Staffing
Planning & Programming Process	Modal System Planning	Long Range System Planning	Research & Travel Forecasting	Short Range Planning & Monitoring	RALF	Aviation Transportation Planning	
312	361	141	143	127	6	49	1138
27.4%	31.7%	12.4%	12.6%	11.1%	0.5%	4.3%	100.0%



2020 Consultant Planning Studies

- Roadway Right-Sizing Study
- Twin Cities Mobility Needs Analysis
- Regional Pedestrian Safety Action Plan
- RBTN Facility and Corridor Spacing Guidelines
- Peer Region Research and Literature Scan on Vehicle Electrification
- Peer Region Research and Literature Scan
- Detailed Congestion Management Process Corridor Analysis Methodology
- Transportation System Performance Dashboard

2020 Travel Model Development and Forecasting

- Collaboration with National Peers and Partners on Modeling
 - Association of Metropolitan Planning Organizations (AMPO): ActivitySim Consortium
 - Zephyr Foundation membership
- Model Improvements
 - Tourcast Software Upgrades
 - ActivitySim Local Initial Implementation
 - Regional STOPS Transitway Model Consolidation
 - CityCast
- Research Collaboration with University of Minnesota
 - Transitways Impact Research Program
 - Accessibility Observatory Pooled Fund and Local Analysis



David Burns

Senior Highway Planner

651-602-1887

David.Burns@metc.state.mn.us