

## **Commuter Connections 2021-2023 TDM Analysis**

### **Major Changes from 2019-2020 Framework Document**

**December 21, 2021**

#### **Throughout Document**

- Removed PM2.5 impact calculations (pages ii, 12, also from calculation examples in the appendices)
- Updated references to documents produced since 2018 (e.g., Framework, etc.)

#### **Section 2 – Evaluation Objectives and Issues**

Page 3 - Updated/revised paragraphs related to use of evaluation data for “Regional Goals and New Technologies/New Modes.”

Page 3 – Added paragraphs on collection and analysis of data related to pandemic-influenced travel.

Page 3-4 – Added paragraphs on collection and analysis of data related to equity and Commuter Connections existing efforts to ensure equitable access/delivery of commuter assistance services.

Page 4 – Added box highlighting “Evaluation Framework Emphasis Areas for FY 2021 – FY 2023.”

Page 6 – Indicated that calculation factors and emissions factors to be used in the 2021-2023 analysis will be updated using current surveys/data.

Page 7 – Noted the availability of the 2021 Retention Rate survey, which will replace the 2016 survey as the source for retention calculation factors (GRH and Commuter Operations Center).

Page 7 – Added reference to new Appendix C, defining how telework impacts are calculated and assigned in the evaluation.

Page 8 – New explanation of use of COMMUTER Model, or other tool, for Employer Outreach analysis; references Appendix B.

Page 9 – Added paragraph about use of 2020 Applicant Placement survey to derive calculation factors for incentive programs (IncenTrip, Flextime Rewards, and CarpoolNow).

Page 12 – Note that goals for 2023 will remain as in 2020 (also noted in each program element description in Section 4).

#### **Section 4 – Evaluation Components for Individual TDM Program Elements**

Section 4A – Telework – no major changes

Section 4B – Guaranteed Ride Home – no major changes

Section 4C – Employer Outreach

Page 23 and Page 26 – Noted review of COMMUTER Model and other tools is underway, for Employer Outreach analysis.

Section 4D – Mass Marketing

Page 28 and Pages 30-31– Noted that method for incentive programs will now use calculation factors derived from 2020 Online Placement survey (IncenTrip, Flextime Rewards, and CarpoolNow)

Pages 32-33 – Updated “Data Needs and Sources” to note data sources for Flextime Rewards, IncenTrip, and CarpoolNow

Section 4E – Commuter Operations Center – no major changes

### **Section 5 – Description of Data Sources**

Page 39 – In Section on Ongoing Monitoring, added notes on use of vanpool data for calculation of vanpool component of 'Pool Rewards.

Page 42 - In Section on Resident and User Surveys, added use of Online Placement Survey data to derive calculation factors for IncentTrip, Flextime Rewards, and CarpoolNow.

Page 43 – Added description of Car Free Day survey.

Page 43-44 – Note review of COMMUTER Model and other tools is underway, for Employer Outreach analysis.

### **Section 6 – Basic Method for Calculating Program Impacts**

- No major changes

### **Section 7 – Reporting and Communication of Evaluation Results**

- No major changes

### **Section 8 – Evaluation Schedules and Responsibilities**

- No major changes

### **Appendices**

Page 61 – Revised Appendix B, indicating current review of COMMUTER model for Employer Outreach analysis.

Page 62-64 – Added new Appendix C, defining how telework impacts are calculated and assigned in the evaluation.

Calculation appendices (D - I) – these were updated to match the 2020 analysis.