

COMMUTER CONNECTIONS

FY 2021 WORK PROGRAM (CCWP)

Nicholas Ramfos
Director, Transportation Operations Programs

Commuter Connections Subcommittee
November 19, 2019

Definition

From the Commuter Connections Strategic Plan:

- Network of public and private transportation organizations, including COG, state funding agencies, and local organizations, that work together to assist and encourage people in the Washington region to use alternatives to the single-occupant automobile.

Benefits of Commuter Connections

Jurisdictions

- *Helps reduce and manage commuter congestion, goods movement, tourist travel*
- *Helps reduce emissions*
- *Supports local efforts to attract and retain employers*

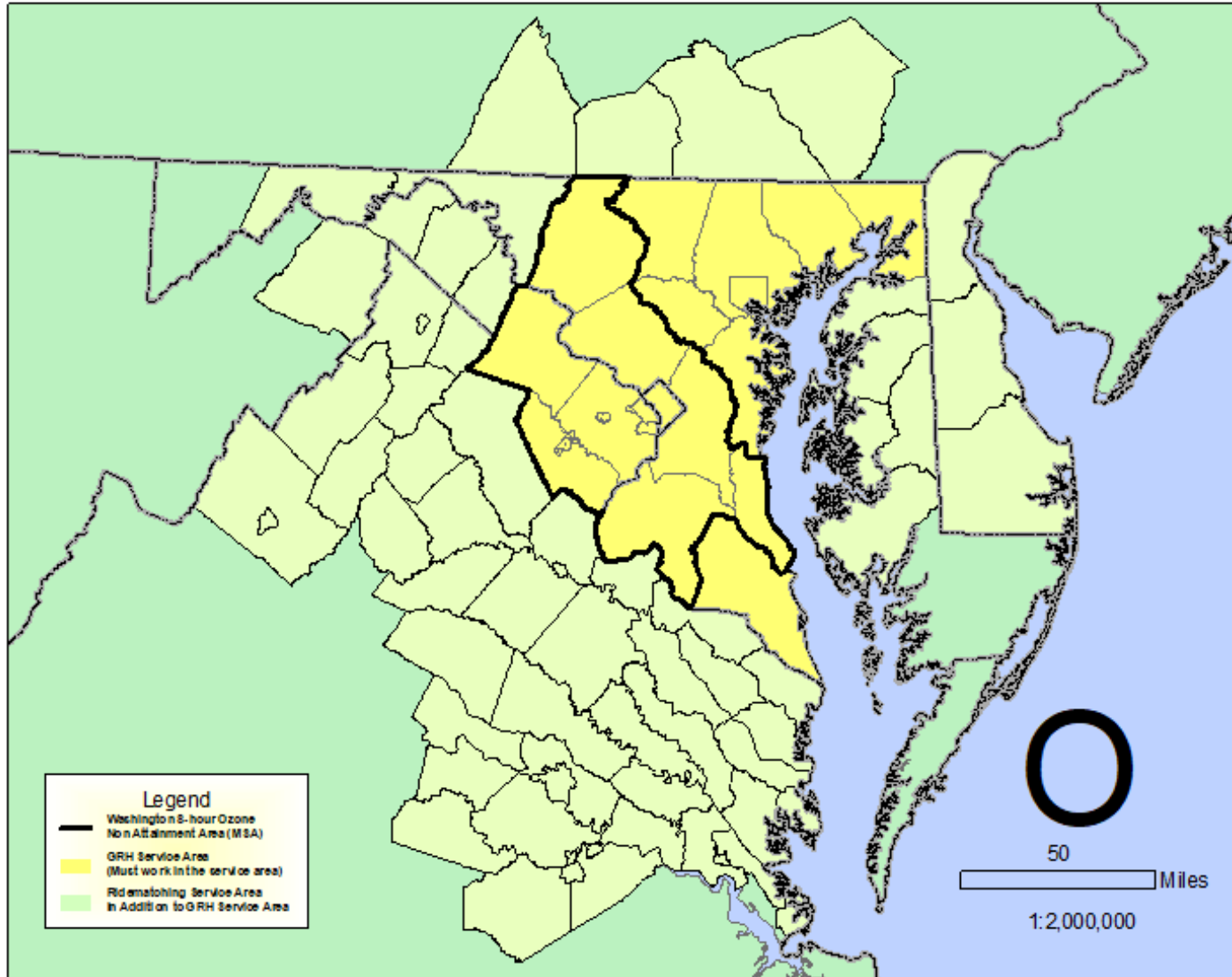
Employers

- *Recruitment/Retention*

Workers

- *More commute options*
- *Reduced stress/costs/time*
- *Improved quality of life*

Geographic Areas Serviced by Commuter Connections



MSA Rankings for Carpooling and Transit Use

Metropolitan Statistical Area	Total Workers	% Carpool	% Transit
NYC/Long Island/N NJ/PA	8,719,316	7.4%	30.3%
LA/Long Bch/Santa Ana	5,816,255	11.4%	6.1%
Chicago/Naperville/Joliet	4,422,844	9.1%	11.5%
Dallas/Ft. Worth/Arlington	2,945,976	11.4%	1.6%
Washington DC Metro	2,795,375	11.1%	13.9%
Philadelphia Metro Area	2,751,491	8.9%	9.2%
Houston Metro Area	2,581,559	12.6%	2.7%
Atlanta Metro Area	2,494,475	10.9%	3.6%
Miami Metro Area	2,479,021	10.1%	3.8%
Boston Metro Area	2,277,958	8.1%	11.9%
San Francisco-Oakland	2,056,454	10.4%	14.5%

Commuter Connections Daily Program Impacts

Measure	Reductions
Vehicle Trips	156,000
Vehicle Miles of Travel	3,009,000
Nitrogen Oxides (NOx)	0.7 Tons
Volatile Organic Compounds (VOC)	0.5 Tons

Commuter Connections' Role in the Regional Planning Process

- ▶ The TPB is required by Federal regulations to approve a congestion management process which includes TDM as part of the metropolitan transportation plan.
 - ▶ Commuter Connections constitutes the major demand management component of the region's congestion management process.

Commuter Connections' Role in the Regional Planning Process (con't)

- ▶ Commuter Connections also supports regional air quality goals and is part of the annual update of the region's Long Range Plan (Visualize 2045) and Transportation Improvement Program (TIP).
- ▶ Commuter Connections' results may also help contribute to new performance measures and goals that will be set by the region under FAST Act requirements.
- ▶ TDM and the Commuter Connections program is part of Visualize 2045 and the TPB's Endorsed Initiatives.

Cost Effectiveness of Commuter Connections

- ▶ Cost per Vehicle Trip **\$0.15**
Reduced
- ▶ Cost per Vehicle Mile of **\$0.01**
Travel Reduced
- ▶ Cost per ton of NOx **\$30,000**
Reduced
- ▶ Cost per ton of VOC **\$43,000**
Reduced

Commuter Connections' Daily Societal Benefit Cost Savings

Societal Benefit	Benefit Unit	Benefit Base Units	Cost per Unit of Benefit	Total Daily Cost Saving
Air pollution				
- NOx	Tons NOx removed	0.770 T	\$1,612	\$1,241
- VOC	Tons VOC removed	0.548 T	\$133	\$73
- PM 2.5	Tons PM 2.5 removed	0.040 T	\$15,107	\$604
- PM 2.5 NOx	Tons PM 2.5 NOx removed	0.820 T	\$1,612	\$1,322
Greenhouse gases	Tons CO2 removed	1,244 T	\$36	\$44,781
Noise pollution	Total VMT reduced	3,009,244 VMT	\$0.0223	\$67,106
Congestion	Hours of delay reduced	24,464 hours	\$25.13	\$614,793
Excess fuel used	Gallons of fuel saved	167,180 gal	\$2.51	\$419,622
Health/safety ¹⁾	Accidents avoided/1 M VMT	3.043 acc.	\$15,952	\$48,543
All benefits				\$1,198,085

Proposed FY 2021 CCWP Budget

Program	Cost FY2020	Cost FY2021
Commuter Operations	\$631,768	\$656,140
GRH	\$855,873	\$890,450
Mass Marketing	\$3,308,286	\$3,382,204
Program Evaluation	\$477,000	\$500,000
Employer Outreach	\$746,151	\$776,393
GRH Baltimore	\$200,000	\$200,000
TOTAL	\$6,219,078	\$6,405,187

Proposed FY 2021 CCWP Budget

Overall 3% increase from FY 2020

Budget Breakdown: \$6,405,187

- ▶ COG/TPB Staff & Overhead: \$2,119,938 or 32% of the overall budget
- ▶ Private Sector Services: \$3,178,974 or 50% of the overall budget
- ▶ Local Jurisdiction Pass-Thru: \$547,919 or 9% of the overall budget
- ▶ Direct Costs: \$558,356 or 9% of the overall budget

What's New In FY 2021 CCWP

- ▶ Commuter Operations Center
 - ▶ Mobile App Streamlining
- ▶ Monitoring and Evaluation
 - ▶ 2019 State of the Commute printing and distribution of general public report and pull-out sections
 - ▶ Completion of FY 2018 – FY 2020 TDM Analysis Report
 - ▶ FY 2021 Placement Rate Study data collection activities and report
 - ▶ FY 2021 Retention Rate Study data collection activities and report

Next Steps

- ▶ State funding agencies have provided initial comments/edits on Draft FY 2021 CCWP.
- ▶ Commuter Connections Subcommittee reviews draft CCWP on November 19th and a comment period will be established through December 6th.
- ▶ State funding agencies will review document and submitted comments in December and will provide additional comments by December 20th for final review and approval in January.
- ▶ A revised document will be available for the January Subcommittee for further review and endorsement for release.

Next Steps

- ▶ Tech Committee will receive a briefing of the Work Program at its February 7th meeting and will be briefed again on March 6th.
- ▶ TPB will receive draft of the FY 2021 CCWP at its February 19th meeting and will release the CCWP for public comment. Will be asked to approve at its March 18th meeting.
- ▶ TIP adjustments, if any, will be made and funding commitments secured by June.
- ▶ Program begins July 1.

Nicholas Ramfos

Director, Transportation Operations
Programs

(202) 962-3313

nramfos@mwcog.org

commuterconnections.org

Metropolitan Washington Council of Governments
777 North Capitol Street NE, Suite 300
Washington, DC 20002