

COMMUTER CONNECTIONS

FY 2022 WORK PROGRAM (CCWP)

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Commuter Connections Subcommittee
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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*

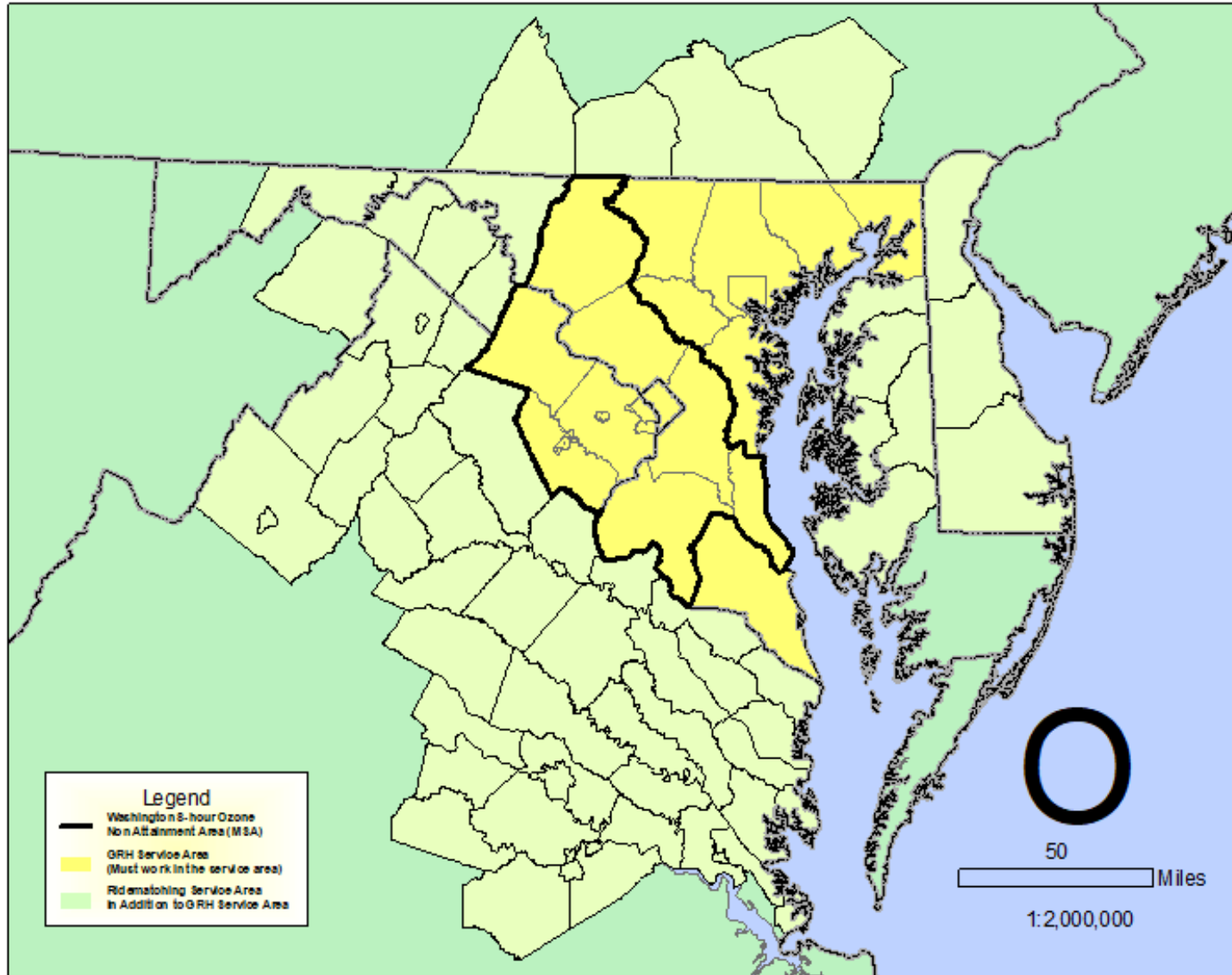
Employers

- *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 set by the region under FAST Act requirements.
- ▶ TDM and the Commuter Connections program is part of Visualize 2045 and the TPB's Endorsed Aspirational 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 2022 CCWP Budget

Program	Cost FY2021	Cost FY2022
Commuter Operations	\$656,140	\$681,799
GRH	\$890,450	\$917,163
Mass Marketing	\$3,382,204	\$3,454,104
Program Evaluation	\$500,000	\$906,375
Employer Outreach	\$776,393	\$799,651
GRH Baltimore	\$200,000	\$220,000
TOTAL	\$6,405,187	\$6,979,092

Proposed FY 2022 CCWP Budget

Overall 9% increase from FY 2021

Budget Breakdown: \$6,979,092

- ▶ COG/TPB Staff & Overhead: \$2,159,275 or 31% of the overall budget
- ▶ Private Sector Services: \$3,819,962 or 55% of the overall budget
- ▶ Local Jurisdiction Pass-Thru: \$564,259 or 8% of the overall budget
- ▶ Direct Costs: \$435,596 or 6% of the overall budget

What's New In FY 2022 CCWP

- ▶ Operations Center and Marketing
 - ▶ Advanced Transportation and Congestion Management Technologies Deployment Program (ATCMTD) FHWA Project
- ▶ Monitoring and Evaluation
 - ▶ FY 2021- FY 2023 TDM Evaluation Framework Methodology Document.
 - ▶ 2022 State of the Commute Survey design, data collection activities, and draft Technical Report
 - ▶ 2022 GRH In-Depth Applicant Surveys and draft reports for the Washington DC and Baltimore metropolitan regions

Next Steps

- ▶ State funding agencies have provided initial comments/edits on Draft FY 2022 CCWP.
- ▶ Commuter Connections Subcommittee reviews draft CCWP on November 17th and a comment period will be established through December 4th.
- ▶ State funding agencies will review document and submitted comments in December and will provide additional comments by December 18th 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 5th meeting and will be briefed again on March 5th.
- ▶ TPB will receive draft of the FY 2022 CCWP at its February 17th meeting and will release the CCWP for public comment. Will be asked to approve at its March 17th meeting.
- ▶ TIP adjustments, if any, will be made and funding commitments secured by June.
- ▶ Program begins July 1.

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