



Commuter Connections
FY 2020 Work Program
November 20, 2018



Definition from Strategic Plan

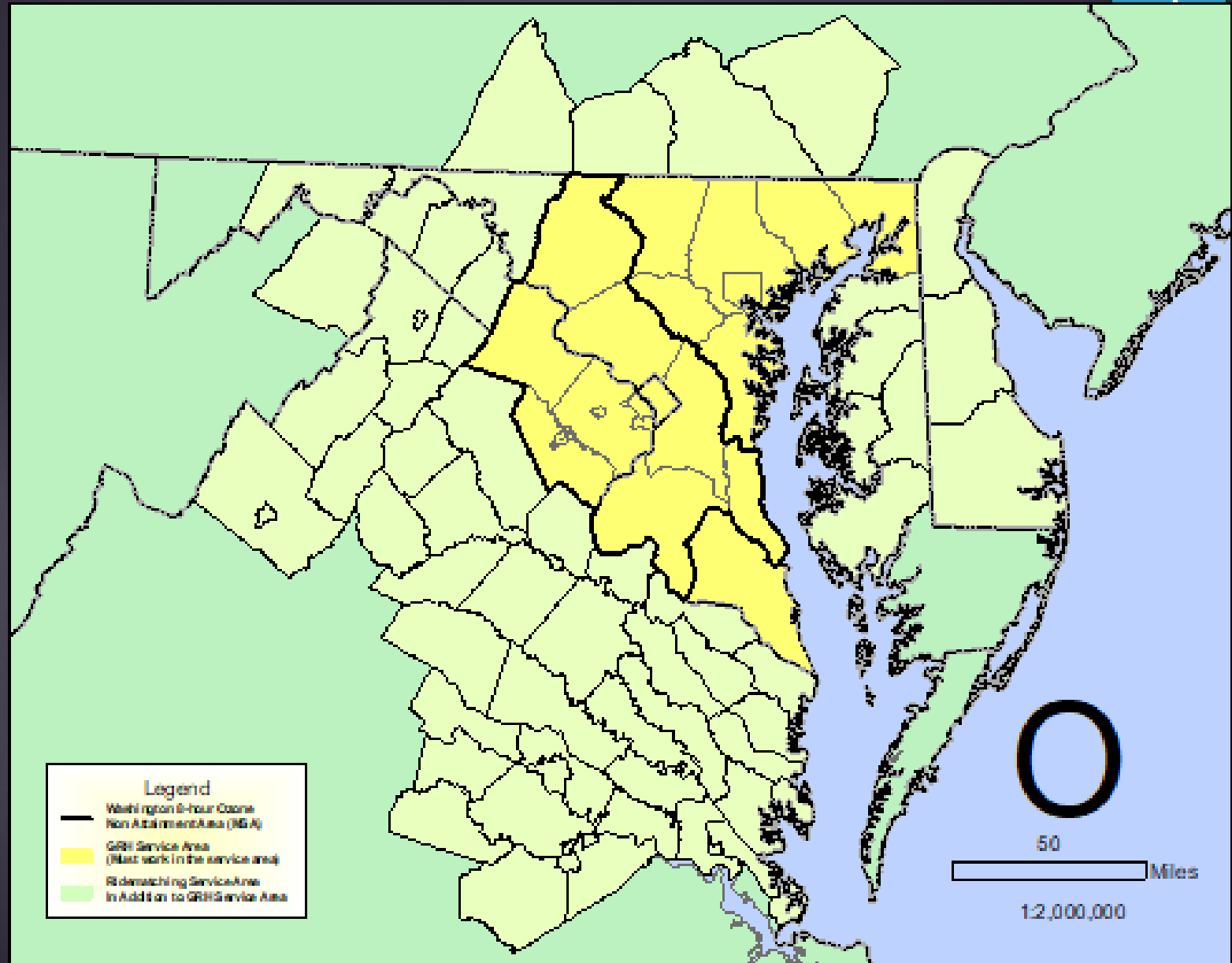
- ▶ Network of public and private transportation organizations, including COG, state funding agencies, and local organizations, that work together to assist and encourage people in the Washington region to use alternatives to the single-occupant automobile.

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

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MSA Rankings for Carpooling and Transit Use

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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

- ▶ Commuter Connections also supports regional air quality goals and is part of the annual update of the region's Constrained Long Range Plan (CLRP) 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 Reduced \$0.15
- ▶ Cost per Vehicle Mile of Travel Reduced \$0.01
- ▶ Cost per ton of NO_x Reduced \$30,000
- ▶ Cost per ton of VOC Reduced \$43,000

Daily Societal Benefit Cost Savings

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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

1) Health and safety benefit base units and cost per unit are weighted averages of accident occurrences by severity.

Proposed FY 2020 CCWP Budget

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Program	Cost FY19	Cost FY20
Commuter Operations	\$605,923	\$631,768
GRH	\$822,596	\$855,873
Mass Marketing	\$3,190,936	\$3,308,286
Program Evaluation	\$886,315	\$477,000
Employer Outreach	\$721,721	\$746,151
GRH Baltimore	\$220,000	\$200,000
TOTAL	\$6,470,491	\$6,219,078

Proposed FY 2020 CCWP Budget

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- ▶ Overall 3.8% decrease from FY 2019
- ▶ Budget Breakdown: **\$6,219,078**
 - ▶ **COG/TPB Staff & Overhead:** \$2,119,938 or 34% of the overall budget
 - ▶ **Private Sector Services:** \$3,102,164 or 50% of the overall budget
 - ▶ **Local Jurisdiction Pass-Thru:** \$528,138 or 8% of the overall budget
 - ▶ **Direct Costs:** \$468,838 or 8% of the overall budget

What's New In FY 2020 CCWP

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- ▶ Marketing
 - ▶ incenTrip Program
- ▶ Monitoring and Evaluation
 - ▶ 2019 State of the Commute Final Technical Report and preparation of General Public Report.
 - ▶ 2019 GRH In-Depth Applicant survey reports
 - ▶ Employer Outreach database analysis
 - ▶ Bike to Work Day event survey and report

What's New In FY 2020 CCWP (con't)

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- ▶ Monitoring and Evaluation (con't)
 - ▶ Employer Telework Survey data collection (MD)
 - ▶ FY 2018 – 2020 draft TDM Analysis Report
 - ▶ Employer Customer Satisfaction Survey report
 - ▶ Vanpool driver survey data collection and report

Next Steps

- ▶ State funding agencies have provided initial comments/edits on Draft FY 2020 CCWP.
- ▶ Commuter Connections Subcommittee reviews draft CCWP on November 20th and a comment period will be established through December 7th.
- ▶ State funding agencies will review document and submitted comments in December and will provide additional comments by December 12th 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 - continued

- ▶ Tech Committee will receive a briefing of the Work Program at its February 1st meeting and will be briefed again on March 1st.
- ▶ TPB will receive draft of the FY 2020 CCWP at its February meeting and will release the CCWP for public comment. Will be asked to approve at its March meeting.
- ▶ TIP adjustments, if any, will be made and funding commitments secured by June.
- ▶ Program begins July 1.



Questions?

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