

# COMMUTER CONNECTIONS

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## FY 2022 WORK PROGRAM (CCWP)

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National Capital Region Transportation Planning Board  
Agenda Item 8  
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# Definition

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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

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## *Jurisdictions*

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

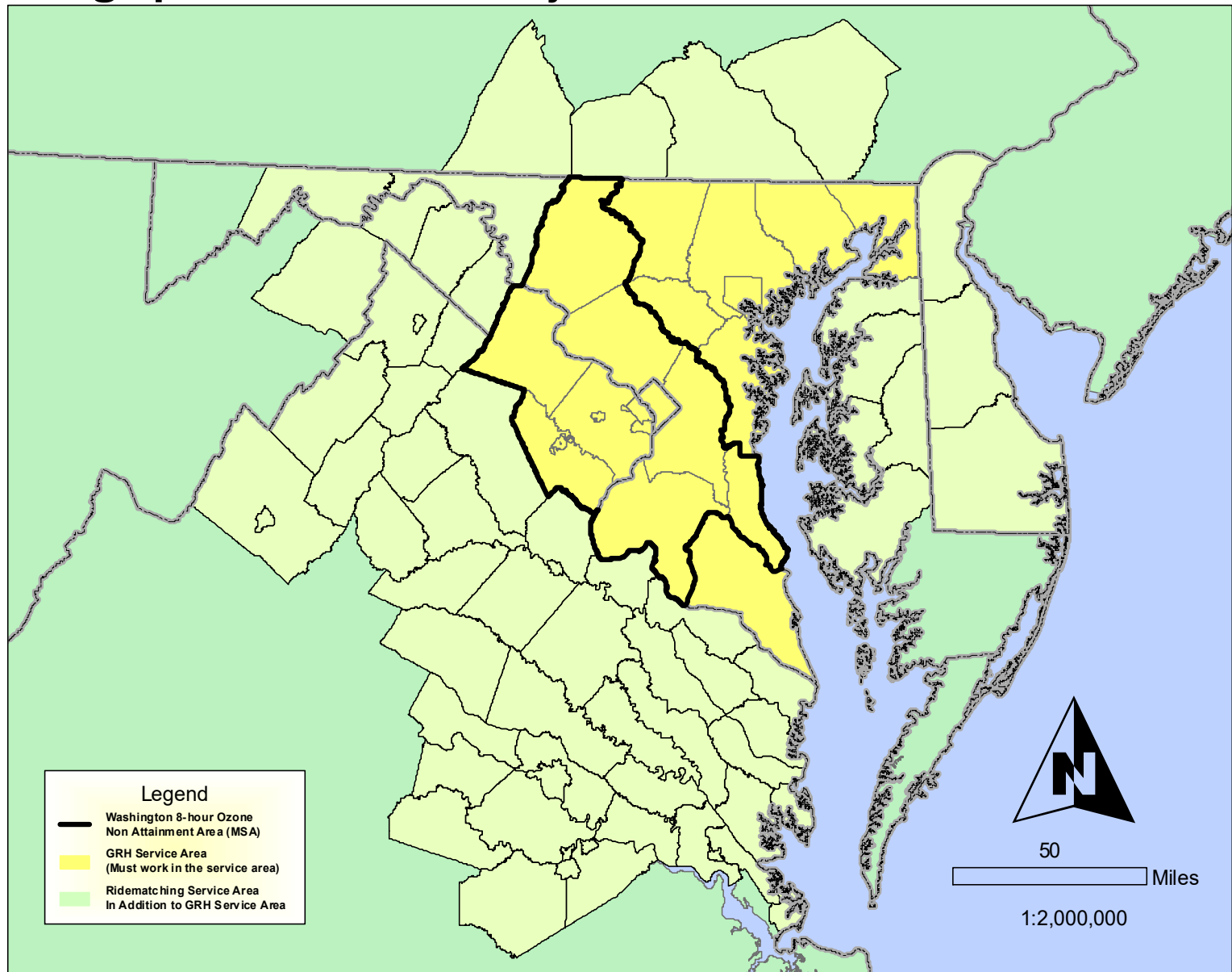
## *Employers*

- *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%
<b>Washington DC Metro</b>	<b>2,795,375</b>	<b>11.1%</b>	<b>13.9%</b>
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

<b>Measure</b>	<b>Reductions</b>
Vehicle Trips	137,000
Vehicle Miles of Travel	2,648,000
Nitrogen Oxides (NOx)	0.5 Tons
Volatile Organic Compounds (VOC)	0.4 Tons

# Commuter Connections' Role in the Regional Planning Process

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- ▶ 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)

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- ▶ 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 performance measures and goals set by the region under FAST Act requirements
- ▶ TDM and the Commuter Connections program is part of the TPB's Endorsed Initiatives



# Cost Effectiveness of Commuter Connections

- ▶ Cost per Vehicle Trip **\$0.18**  
Reduced
- ▶ Cost per Vehicle Mile of **\$0.01**  
Travel Reduced
- ▶ Cost per ton of NOx **\$48,000**  
Reduced
- ▶ Cost per ton of VOC **\$63,000**  
Reduced

# Commuter Connections' Daily Societal Benefit Cost Savings

<b>Societal Benefit</b>	<b><u>Benefit Unit</u></b>	<b><u>Base Units</u></b>	<b><u>Cost per Unit</u></b>	<b><u>Daily Cost Saving</u></b>
– Air pollution	Tons pollutants	Varies	Varies	<b>\$2,703</b>
– Climate change	Tons CO2	1,057 T	\$36	<b>\$38,058</b>
– Noise pollution	VMT reduced	2.708 M VMT	\$0.0223	<b>\$60,427</b>
– Congestion	Hrs. delay reduced	5,396 hr/day	\$27.08	<b>\$146,123</b>
– Fuel saving	Gallons fuel saved	150,540 gal	\$2.73	<b>\$410,974</b>
– Health/safety*	Accidents avoided	2.741 acc.	\$15,952	<b>\$43,726</b>
<b>All benefits</b>				<b>\$702,011</b>

# Proposed FY 2022 CCWP Budget

Program	Cost FY 2021	Cost FY 2022
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
<b>TOTAL</b>	<b>\$6,405,187</b>	<b>\$6,979,092</b>

## Proposed FY 2022 CCWP Budget

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Overall 9% increase from FY 2021

Budget Breakdown: \$6,979,092

- ▶ COG/TPB Staff & Overhead: \$2,153,155 or 31% of the overall budget
- ▶ Private Sector Services: \$3,819,757 or 55% of the overall budget
- ▶ Local Jurisdiction Pass-Thru: \$564,259 or 8% of the overall budget
- ▶ Direct Costs: \$441,921 or 6% of the overall budget

## What's New In FY 2022 CCWP

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- ▶ 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

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- ▶ State funding agencies provided initial comments/edits on Draft FY 2022 CCWP
- ▶ Commuter Connections Subcommittee reviewed draft CCWP on November 17th and a comment period was established through December 4th
- ▶ State funding agencies reviewed the document and submitted comments in December and provided additional comments by December 18th for final review and approved the document in January
- ▶ A revised document was presented for the January Subcommittee meeting for further review and endorsement for release

## Next Steps

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- ▶ Tech Committee received a briefing of the Work Program during February 5th meeting and will be briefed again on March 5<sup>th</sup>
- ▶ TPB has a draft of the FY 2022 CCWP which will be reviewed at its February 17th meeting and we will be accepting comments
- ▶ TPB will be asked to approve at its March 17<sup>th</sup> meeting
- ▶ TIP adjustments, if any, will be made and funding commitments secured by June
- ▶ Program begins July 1

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