TPB SCENARIO STUDY

CLRP Aspirations Scenario Preliminary Results

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The Two Scenarios

What Would it Take?

Starts with COG regional CO_2 goals and assesses what scales and combinations of interventions will be necessary to achieve the goal for the transportation sector.

CLRP Aspirations

Draws on past studies and public outreach to provide an ambitious yet attainable vision of land use and transportation for the 2010 CLRP update and to eventually serve as an unconstrained long range plan.

Aspirations Scenario: The Starting Point

Baseline

- 1. Round 7.2 Cooperative Forecast
- 2. 2008 CLRP

RMAS Land Use/Transportation Scenarios

- 1. More Households Scenario
- 2. Households In Scenario
- 3. Jobs Out Scenario
- 4. Region Undivided Scenario
- 5. Transit-Oriented Development Scenario

Variably Priced Lanes Scenarios

Public Outreach/Feedback on Previous Scenarios









⁸ Goals and "Rules" for Land Use Shifts	
Transit Supportive Density	High enough densities in activity centers to support different levels of mass transit
Walkable Density	<mark>Regional Models</mark> Rosslyn-Ballston Corridor Old Town Alexandria
Mixed Use	Jobs/Housing balance for the region, jurisdictions and activity centers
Move Only New Growth	Shifts from 2015-2030
Existing Character and Planned Development Varying land use goals	























20 **BRT to Provide Rail-Like Level of Service** Transit Speeds ٠ - 45 MPH on toll lanes - 15 MPH on priority corridors Headways - 10 minutes, peak - 30 minutes, offpeak Fare Structure The Shirlington Transit Station in - Same as current services Arlington, VA. Will complement existing services - No replacement of current commuter bus services with BRT routes. BRT complemented by 15 activity center circulator systems with 10-minute headways - Added to activity centers without high quality local bus transit.

Transportation Component – By The Numbers

- Highways
 - Scenario creates a 1,650-mile regional priced lane network

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- 150 priced lane miles in the CLRP
- 350 lane miles converted from HOV lanes
- 650 new lane miles
- 500 lane miles converted from GPLs (DC, Parkways)
- Priced lanes target speed: 35 to 45 MPH.
- Transit
 - Scenario creates regional BRT system of nearly 500 miles
 - 138 BRT stations located in the core, activity centers and existing parking facilities
 - · Plus an additional 140 miles of circulator service
 - Adds 5640 daily hours of transit service



















Next Steps

1. Further analysis, refinements, sensitivity testing and benefit-cost analysis, with regular briefings, February to May.

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2. Final report, June.