

Planning and Funding of Transportation Demand Management

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Transportation Demand Management (TDM) Definition

- ❑ Providing travelers with effective choices to improve travel reliability - FHWA
- ❑ The application of programs, projects and policies to reduce travel demand or to redistribute this demand.
 - Mode of travel
 - Time of travel
 - Route
 - Eliminate trip

TDM Strategies

- Carpooling
- Vanpooling
- Transit
- Telework
- Marketing and promotion
- Park-and-Ride lots
- Guaranteed Ride Home
- Outreach to employers
- Ridematching
- Info on commute options
- Bikeshare



Transportation Demand Management

- Improve efficiency of Virginia's transportation system
- Increase transit ridership
- Increase vanpooling
- Increase carpooling
- Increase telework

Try Transit Week



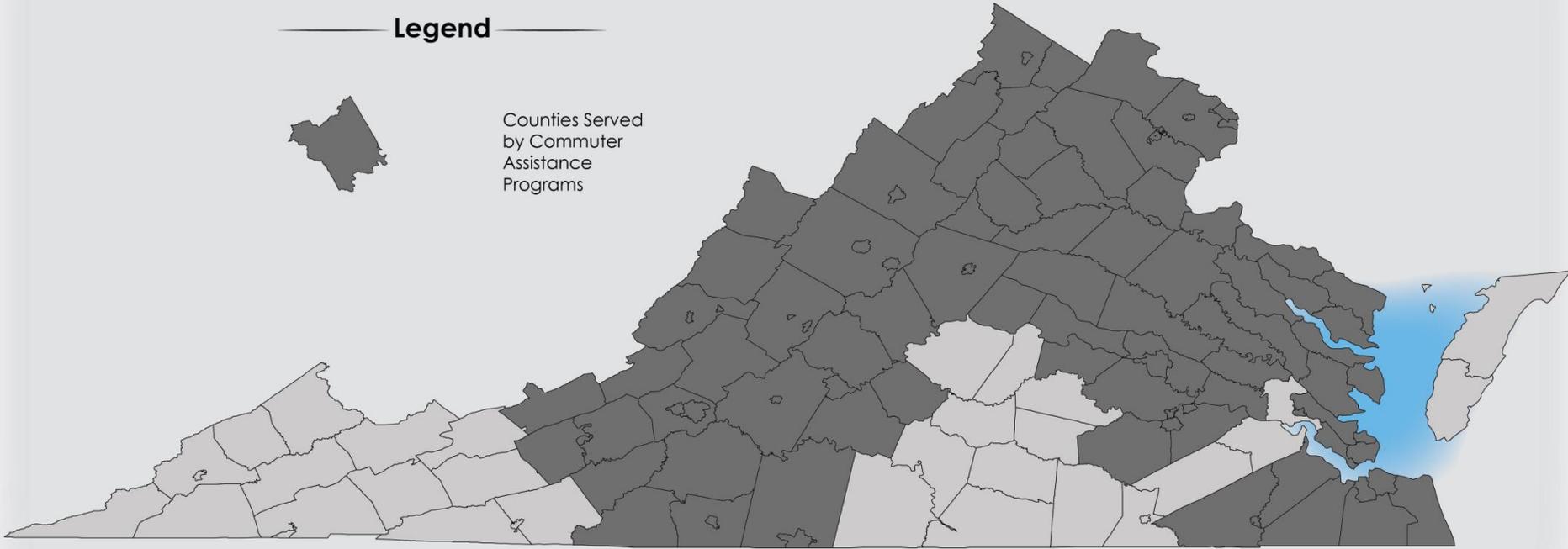
telework!va

TDM Programs

Legend



Counties Served
by Commuter
Assistance
Programs



TDM Planning

PLAN



Tying Grant Applications to Planning

- ❑ In FY10-11 DRPT required all TDM agencies to have a long-range TDM plan
 - DRPT funded the development of the long range plans
- ❑ In FY12 DRPT required that a detailed Annual Work Plan (AWP) must be submitted with the grant application
- ❑ AWP elements must tie to TDM Plan

DRPT's TDM Funding

- ❑ 2 TDM grant program categories
 - TDM Operating Assistance
 - Transportation Management Projects Assistance
- ❑ Match Ratio is 80% state, 20% local
- ❑ Technical Assistance (50/50)



TDM in State and Local Planning



Master Transportation Plan Demand and System Management Element



Transportation Demand Management (TDM)
Transportation System Management (TSM)

Adopted December 13, 2008



Planning Processes

Land Use and Transportation



- Statewide
- Metropolitan
- Rural
- Tribal
- Pedestrian & Bicycle
- Land Use
- Tools

Case Studies

FHWA → Planning → Processes → Land Use → Land Use Tools

Land Use Tools

- Development Management and Urban Design
- Transportation Demand Management
- Project Prioritization and Funding Strategies
- Roadway Design Guidelines and Standards
- Public Involvement
- Visioning and Scenario Planning
- GIS & Technical Analysis
- Linking Planning to the Environmental Review Process
- Linking Planning and

Tools and Practices for Land Use Integration

Transportation Demand Management

Transportation Demand Management (TDM) is a term that encompasses a broad set of strategies intended to reduce or diffuse travel demand among modes, time, or routes within a regional or local transportation system. By providing choices and incentives for travelers to diversify their travel mode or behavior, TDM strategies relieve disproportionate pressures on segments of a transportation system.

Land use patterns can serve as either a source of or a solution to transportation demand. Land use is often incorporated into TDM strategies through the consideration of infrastructure planning, management, and development. TDM strategies that influence land use decisions - such as development incentives, zoning regulations, and alternative transportation programs ranging from carpooling to transit access - are most effective when used in concert with other TDM strategies.

- Parking Management**

- Acton Parking Reserve Spaces

Thank you

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