2040 Regional Transportation Plan

Improve Quality of Life

Efficiently Transport People

Support Economic Growth, Activity, and Goods Movement

Our Town
November 17, 2010
Who is WILMAPCO?

- Metropolitan Planning Organization (MPO):
  - New Castle County, Delaware
  - Cecil County, Maryland

- Federally designated for regional transportation planning
Who is WILMAPCO?

- WILMAPCO Council
- WILMAPCO Staff
- Public Advisory Committee (PAC)
- Technical Advisory Committee (TAC)
- Data & Demographics
- Air Quality
- Non-Motorized
- Congestion Management
Community Outreach
ongoing

Regional Transportation Plan
20 year plan
updated every 4 yrs

Transportation Improvement Program
4 year program
updated annually

Unified Planning Work Program
1 year plan
updated annually

Congestion Management System
updated annually
Building on 15 Years of Progress
Why are we Updating the Plan?

- Current Plan expires March 2011
- Adopt new Plan every 4 years
  - 20-year planning horizon (SAFTEA-LU)

Therefore, WILMAPCO must:

- Adopt new Plan that goes beyond 2030
- Complete prior to March 2011
Current Federal Guidance

- Still working under SAFETEA-LU continuing resolutions (expires Dec. 2010)
- Unclear on MPO requirements in new legislation
  - Changes in MPO roles and responsibilities
Our Path Forward

- Hold off on major plan modifications
- “Summary-style” update

Update to include:
- Review of core 2030 Plan goals/strategies
- Regional challenges
- Tracking progress toward RTP goals
- Updated financial plan and project list
- AQ conformity
- New initiatives
2040 RTP Goals & Objectives

<table>
<thead>
<tr>
<th>Goal – Improve Quality of Life</th>
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<tbody>
<tr>
<td><strong>Objectives</strong></td>
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<tr>
<td>1. Protect the Public Health, Safety, and Welfare</td>
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<td>2. Preserve our Natural, Historic, and Cultural Resources</td>
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<td>3. Support Existing Municipalities and Communities</td>
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<td>4. Provide Transportation Opportunity and Choice</td>
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<thead>
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<th>Goal – Efficiently Transport People</th>
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<tr>
<td><strong>Objectives</strong></td>
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<tr>
<td>1. Improve Transportation System Performance</td>
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<td>2. Promote Accessibility, Mobility, and Transportation Alternatives</td>
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<table>
<thead>
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<th>Goal – Support Economic Growth, Activity and Goods Movement</th>
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<tr>
<td><strong>Objectives</strong></td>
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<tr>
<td>1. Ensure a Predictable and Adequate Public Investment Program</td>
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<td>2. Plan and Invest to Promote the Attractiveness of the Region</td>
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Regional Challenges

- Employment: 11%
- Households: 29%
- 65+ Population: 109%
- Total Population: 21%
- Vehicle Miles Traveled (VMT): 37%
- Freight Truck Tonnage*: 58%

*Projections out to 2030
Regional Challenges

- Financing the transportation system
- Increased demand for goods movement
- Addressing increased inter-regional strains
- Creating alternatives to the automobile
- Meeting the needs of our aging population
Regional Challenges

- Supporting traditional communities
- Improving our air quality
- Demographic changes
- Preserving our Infrastructure
- Changing economic landscape
Tracking Progress

- 2009 Regional Progress Report
- Relates trends to Plan’s objectives
- Performance-based planning in upcoming legislation
## RTP Projects/Financial Outlook

### Delaware Capital Transportation Funding Outlook FY 2010-2021

<table>
<thead>
<tr>
<th>Year</th>
<th>Total Available Transportation Funds (Statewide)*</th>
<th>Remaining funding for Capital Projects</th>
<th>GARVEE Payback ($11,400 Annually)</th>
<th>Core Business Costs**</th>
<th>DOT/DTC Operations &amp; Debt Service Payments</th>
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<td>2010</td>
<td>$365,579</td>
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<td>2011</td>
<td>$396,488</td>
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<td>2012</td>
<td>$419,629</td>
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<td>2013</td>
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<td>2014</td>
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<td>2015</td>
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<td>2016</td>
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<td>2017</td>
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<td>2021</td>
<td>$327,456</td>
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Source: DEFAC, DelDOT Finance, June 2010
RTP Projects/Financial Outlook

Cecil County: Available Expansion Funds Outlook FY 2010-2040

Source: MODT, June 2010
RTP Projects/Financial Outlook

NOTE: Will include updated aspirations list in Appendix
AQ Conformity

- Must show current list of projects meets PM2.5 and Ozone standards
- NCC is considered in non-attainment for PM2.5 Cecil and NCC in moderate non-attainment for ozone
- Conformity has been demonstrated
Livability

- Federal Livability Principals
  - Provide more transportation choices
  - Promote equitable, affordable housing
  - Increase economic competitiveness
  - Support existing communities
  - Leverage federal investment
  - Value communities and neighborhoods

- The RTP *is already* a Plan for livability
Livability

• Championing new investment
  • Newark Train Station Redevelopment ($2.25 million)

• Rail Planning
  • Claymont (station)
  • Newport (TOD and station)
  • Newark (TOD and station)
  • Elkton (TOD)
  • Perryville (TOD)

• Safe Routes to School Planning
  • Claymont Elementary, Elbert-Palmer Elementary, Edison Charter
Energy Use/Climate Change Mitigation

• Existing RTP Objectives
  • Smarter land use
  • Greater transit investment
  • Boosting ride-sharing
  • Easing highway congestion

• Future RTP Objectives
  • VMT reduction goal
  • Support cleaner fuels and technologies
  • See Section 6 for complete list


Transportation Sources

- Electricity Generation: 33.6%
- Industry: 19.1%
- Agriculture: 6.9%
- Commercial: 5.6%
- Residential: 4.9%
- U.S. Territories: 0.8%
- Other Sources*: 10.7%

Aircraft: 11.3%
Medium & Heavy Trucks: 19.1%
Passenger Cars, SUVs, Pickups and Minivans: 58.9%

*Other sources include waterborne (5.2%), rail (2.7%), pipelines (1.6%), buses (0.6%), lubricants (0.5%) and motorcycles (0.1%).

Source: FHWA
Climate Change Adaptation

• Sea-level Rise Transportation Vulnerability Assessment
  • Inform and influence adaptation planning
  • Identify at-risk existing/planned infrastructure
  • Address climate change ahead of federal regulations
  • Continue work of Delaware and Maryland
  • Release expected by Summer 2011
Intermodal Systems

- National Rail Plan
  - Increase passenger/freight reliability
  - Create complementary transportation system
  - Identify nationally-significant projects
  - Develop high-speed passenger rail service
  - Increase economic competitiveness

- Coordination with Airports
- National Freight Corridors
- Marine Highway Program
### 2040 RTP Timeline

<table>
<thead>
<tr>
<th>Status</th>
<th>Tasks</th>
<th>2009</th>
<th>2010</th>
<th>2011</th>
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<tr>
<td></td>
<td>Review 2030 RTP accomplishments and results to identify data and analysis needs and areas where we are falling short of our regional goals and objectives. Report on this in <em>2009 Progress Report</em>.</td>
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<td>2040 demographic projections developed</td>
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<td>Conduct technical assessment and agency coordination to draft RTP for mobility, livability, air quality, environmental and financial reasonableness.</td>
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<td>Develop draft project list</td>
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<td>Conduct Public Opinion Survey to analyze public perception of goals and strategies in RTP and transportation needs.</td>
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<td>Develop first 2040 RTP draft for Council, TAC and PAC review</td>
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<td><strong>We are HERE</strong></td>
<td>Based on Public Outreach meetings, comments &amp; technical assessment, refine draft</td>
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<td>Agency and public outreach on revised draft</td>
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<td>Public Advisory Committee recommendation to Council</td>
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<td>Technical Advisory Committee recommendation to Council</td>
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<td>WILMAPCO Council Adopts the 2040 RTP</td>
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<td>Submit Final RTP to FTA and FHWA</td>
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Responses from the
WILMAPCO Council