Loudoun County Board of Supervisors Update

Lynn Hampton
President & CEO
&
Patrick Nowakowski
Project Executive Director

March 17, 2011
Phase 1 Status

- Progress to Date
  - Utility Relocation
  - Design
  - Construction
  - Railcar Purchase

- Project Cost and Schedule
  - Current Delays and Recovery Plan

- Contingency Usage
  - Summary to Date and Forecast
## Phase 1 Construction Contract Status

<table>
<thead>
<tr>
<th></th>
<th>Budget Authorization</th>
<th>Forecast Amount</th>
<th>Amount Paid to Date</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Design Build:</strong></td>
<td>$1,932,739,867</td>
<td>$1,872,831,076</td>
<td>$710,718,699</td>
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<tr>
<td><strong>Utility Relocation:</strong></td>
<td>$149,109,574</td>
<td>$172,149,774</td>
<td>$148,637,684</td>
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<td><strong>Right of Way:</strong></td>
<td>$96,265,139</td>
<td>$87,695,141</td>
<td>$68,295,064</td>
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<td><strong>WMATA:</strong></td>
<td>$310,228,975</td>
<td>$293,007,812</td>
<td>$36,666,016</td>
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<tr>
<td><strong>Preliminary Engineering:</strong></td>
<td>$100,968,646</td>
<td>$100,730,999</td>
<td>$100,730,999</td>
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<td><strong>Project Management:</strong></td>
<td>$166,383,080</td>
<td>$191,525,051</td>
<td>$91,641,820</td>
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<tr>
<td><strong>TOTAL:</strong></td>
<td>$2,755,695,281</td>
<td>$2,717,939,853</td>
<td>$1,156,690,282</td>
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</table>
Phase 1 Contingency Status

- Total Contingency Funds Available: $312.3M
- Utilized as of 1/25/2011: $184.0M
- Remaining Contingency Available as of 1/25/2011: $128.3M
Phase 1 Allowance Items Status

- Allowance Contracts Awarded: 20 of 35
- Initial Allowance Budget: $485.8M
- Budget for Contracts Awarded: $303.3M
- Actual for Contracts Awarded: $367.0M
- Total Allowance Forecast: $580.0M
Phase 2 Status

- Preliminary Engineering (PE) Nearing Completion

- Study of Alternative Airport Alignments and Station Locations Recently Completed
  - Baseline Tunnel
  - Modified Baseline Tunnel #1
  - Modified Baseline Tunnel #2
  - Terminal Tunnel
  - North Garage Aerial
Airport Alternatives

Aerial Alternatives
- Arrivals Level Aerial
- North Garage Aerial

Below-Grade Alternatives
- Refined LPA Tunnel
- Terminal Tunnel
## Phase 2 Project Cost Estimates

<table>
<thead>
<tr>
<th>FTA Cost Category</th>
<th>Mod. Baseline Tunnel (Mined + Cut/Cover)</th>
<th>North Garage Aerial</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00 GUIDEWAY &amp; TRACK</td>
<td>$847.4</td>
<td>$598.6</td>
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<tr>
<td>20.00 STATIONS &amp; PARKING</td>
<td>$634.2</td>
<td>$632.1</td>
</tr>
<tr>
<td>30.00 YARD AND SHOP, ADMIN. BLDGS</td>
<td>$333.2</td>
<td>$333.2</td>
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<tr>
<td>40.00 SITEWORK &amp; UTILITIES</td>
<td>$250.8</td>
<td>$269.7</td>
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<tr>
<td>50.00 SYSTEMS</td>
<td>$319.3</td>
<td>$314.9</td>
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<td>60.00 ROW AND PROPERTY ACQUISITION</td>
<td>$26.5</td>
<td>$26.5</td>
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<tr>
<td>70.00 VEHICLES &amp; SYSTEMS SPARE PARTS</td>
<td>$230.7</td>
<td>$229.3</td>
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<td>80.00 PROFESSIONAL SERVICES</td>
<td>$719.3</td>
<td>$643.2</td>
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<td>90.00 CONTINGENCY (UNALLOCATED)</td>
<td>$138.1</td>
<td>$126.7</td>
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<td><strong>TOTAL PROJECT COST ESTIMATES</strong></td>
<td><strong>$3,499.5</strong></td>
<td><strong>$3,174.2</strong></td>
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### Phase 2 Implementation Schedule

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**Legend:**
- **Yellow:** Completion of PE and Necessary Agency Approvals (includes NEPA, Section 106, and WMATA)
- **Blue:** Design-Build Solicitation and Award
- **Green:** Final Design and Construction
$2.5 Billion Planning Estimate for Phase 2 Capital Cost
(All Dollars in Millions)

Federal Grants
$900
17.1%

Commonwealth of Virginia
$275
5.2%

Airports Authority
$215
4.1%

Loudoun County
$252
4.8%

Fairfax County
$846
16.1%

Dulles Toll Road
$2,767
52.6%

Contribution is fixed amount
Contribution is fixed percentage of total cost
Neiher amount or Percentage is fixed
Contribution is not fixed - amount and percentage of total cost may change.
$3.17 Billion North Garage Aerial Alternative
(All Dollars in Millions)

Federal Grants
- $900
- 15.2%

Commonwealth of Virginia
- $275
- 4.6%

Airports Authority
- $243
- 4.1%

Loudoun County
- $284
- 4.8%

Fairfax County
- $954
- 16.1%

Dulles Toll Road
- $3,269
- 55.2%

Legend:
- Contribution is fixed amount
- Contribution is fixed percentage of total cost
- Contribution is not fixed - amount and percentage of total cost may change.

Percentage of Total Funding based on $3.17 Billion preliminary capital cost estimate for Phase 2

(C)Copyright 2007 Metropolitan Washington Airports Authority

Secured Area
Sources of Funding for Dulles Corridor Metrorail Project *

Percentage of Total Funding based on $3.5 Billion preliminary capital cost estimate for Phase 2

Federal Grants
$900
14.4%

Commonwealth of Virginia
$275
4.4%

Airports Authority
$256
4.1%

Loudoun County
$300
4.8%

Fairfax County
$1,007
16.1%

Dulles Toll Road
$3,517
56.2%

* Based on current agreements among the funding partners.

= Contribution is fixed amount
= Contribution is fixed percentage of total cost
= Neither amount or percentage is fixed
= Contribution is not fixed - amount and percentage of total cost may change.