VRE GHX Project Update

VRE Operations Board
March 18, 2016
Briefing Topics

1. Project goals
2. Project corridor and alternatives under study
3. Key decision factors
4. April committee and public meetings
5. Next steps
GHX Project Goals

1. Add capacity to the I-66 corridor
2. Accommodate current and future freight operations
3. Provide cost-effective and reliable mobility options
4. Enhance service on existing line for current and future riders
5. Support local and regional economic development and plans
Track Arrangement

• Norfolk Southern B-Line (Existing single track)
• Additional tracks needed to accommodate VRE service and growth in freight traffic

VIRGINIA RAILWAY EXPRESS
Gainesville-Haymarket Extension
Projected Population Density 2040
Alternatives for Station Sites

VRE Stations
Alternatives for Station Sites
Rural Crescent
Park / Open Space
Proposed VRE GHX Route
Existing VRE Manassas Line

VIRGINIA RAILWAY EXPRESS
Gainesville-Haymarket Extension
<table>
<thead>
<tr>
<th>Plan</th>
<th>Service Description</th>
<th>Trains per Day</th>
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<tbody>
<tr>
<td>1A</td>
<td>Existing Service</td>
<td>16</td>
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<tr>
<td>1B</td>
<td>Enhanced Manassas Line Service</td>
<td>22</td>
</tr>
<tr>
<td>2</td>
<td>Extension &amp; Broad Run</td>
<td>22</td>
</tr>
<tr>
<td>3</td>
<td>Extension (Local)</td>
<td>22</td>
</tr>
<tr>
<td>3x</td>
<td>Extension (Local/Express)</td>
<td>22</td>
</tr>
<tr>
<td>3i</td>
<td>Extension (via Innovation)</td>
<td>22</td>
</tr>
<tr>
<td>4</td>
<td>Extension (Off-Peak Shuttle)</td>
<td>52</td>
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Key Decision Factors

Driving factors for the decision on the best path forward for the GHX project are related to the:

- Freight capacity and Norfolk Southern
- Capital and operating cost
- Ridership potential
- VRE operational impacts
- Funding approach
- Environment
- Public/stakeholder input
- Public benefits
Contingent upon Norfolk Southern approval and funding availability.
## Study Timeline and Next Steps

### Alternatives Analysis Milestone Timeline

<table>
<thead>
<tr>
<th>Season</th>
<th>Initial Alternatives</th>
<th>Refined Alternatives</th>
<th>Preferred Alternative</th>
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<tbody>
<tr>
<td>Spring</td>
<td>Preliminary analysis and results</td>
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<tr>
<td></td>
<td>Hold committee and community meetings</td>
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<td></td>
<td>Incorporate stakeholder input</td>
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<tr>
<td>Summer</td>
<td>Further evaluate alternatives</td>
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<td>Analysis results</td>
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<tr>
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<td>Incorporate stakeholder input</td>
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<td>Identify most viable alternative(s)</td>
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<td>Fall – Winter</td>
<td>Hold committee and community meetings on draft recommended alternative</td>
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<td>Confirm ‘LPA’ through VRE Operations Board Action</td>
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Upcoming Meetings

• Policy Advisory Committee: Thursday, April 7

• Technical Advisory Committee: Wednesday, April 13

• Executive Steering Committee: Friday, April 15

• Community Advisory Committee: Thursday, April 21

★ Community Meeting #2: Wednesday, April 27 at Gainesville Middle School
APPENDIX
Current Employment Density 2015
Projected Employment Density 2040