GRTC Pulse is a modern, high quality, high capacity rapid transit system that will serve a 7.6 mile route through the high-density and high-ridership areas along Broad Street to Main Street in the City of Richmond, terminating on the East End at Rocketts Landing and on the West End in Henrico County at Willow Lawn.

**Proposed GRTC “Pulse” Bus**

Gillig, 40 foot, CNG (Compressed Natural Gas) BRT+

**Benefits:**
- *Reduced Fuel Costs*
- *American-made*
- *Environmentally-friendly* (cleaner-burning fuel)
- *Reduced Maintenance Costs*
- *Better Performance*
- *Improved Safety*

**Features:**
- Level-boarding, Bike Racks and Free WiFi.

**Project Timeline**

- **Oct 2014 – July 2015**
  - Preliminary Engineering Phase I
- **Aug 2015 – Oct 2015**
  - Semi-Final Design
- **Feb 2016 – June 2016**
  - Final Design
- **Mar 2016 – Oct 2017**
  - Design Build Contract
- **Aug 2017 – Oct 2017**
  - Test & Accept
- **Oct 2017**
  - Begin Operations
**Project Summary**

<table>
<thead>
<tr>
<th>ROUTE LENGTH</th>
<th>7.6 miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>VEHICLES</td>
<td>Dedicated BRT vehicles (Gilli 40 ft. CNG BRT +)</td>
</tr>
<tr>
<td>DEDICATED BUS LANES</td>
<td>Thompson to Adams: median lanes (2.6 miles) 4th to 14th: curbside (0.6 miles)</td>
</tr>
<tr>
<td>FARE COLLECTION</td>
<td>Off-board fare collection for BRT (Passes, Cash &amp; Mobile Pay)</td>
</tr>
<tr>
<td>NUMBER OF STATIONS</td>
<td>14 stations (26 platforms)</td>
</tr>
<tr>
<td>PROPOSED FARE</td>
<td>Same as local bus fare (currently $1.50)</td>
</tr>
<tr>
<td>PEAK/OFF PEAK FREQUENCY</td>
<td>10 minutes (peak 7-9 am) 15 minutes (off-peak 4-6 pm)</td>
</tr>
<tr>
<td>ESTIMATED COST</td>
<td>$53.8 Million capital ($4 Million Preliminary Design; $49 Million Design &amp; Construction)</td>
</tr>
<tr>
<td>MINIMUM HOURS OF OPERATION</td>
<td>Weekdays: 5:30 am – 11:30 pm Weekends: 6:00 am – 11:30 pm</td>
</tr>
<tr>
<td>IMPROVED PERFORMANCE</td>
<td>65% increase in bus speed</td>
</tr>
<tr>
<td>ESTIMATED RIDERSHIP</td>
<td>3,500 daily riders</td>
</tr>
<tr>
<td>INTELLIGENT TRANSPORTATION</td>
<td>Signal priority at intersections &amp; que jump at selected locations</td>
</tr>
</tbody>
</table>

**Funding Contribution**

- **FTA / USDOT**: $28,500,000 (50%)
- **DRPT**: $7,600,000 (15%)
- **City of Richmond**: $16,900,000 (34%)
- **Henrico County**: $400,000 – 1%

**Speakers Bureau**

The GRTC Pulse Team will meet with organizations, businesses, neighborhood associations and community centers in the Greater Richmond Area. If you would like to meet with the team, please email your request to [brt@ridegrtc.com](mailto:brt@ridegrtc.com), including the requested date, time, duration, location and any other specific requests. The team will provide folders and project status updates, and will answer questions and receive feedback.