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.

**GRTC Pulse Vehicle - Gillig, 40 foot, CNG BRT+**

**Benefits:**
*Reduced Fuel Costs
*American-made
*Environmentally-friendly (cleaner-burning fuel - Compressed Natural Gas)
*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
- **May 2016 – Aug 2016**
  Final Design
- **Sept 2016 – Aug 2017**
  Construction
- **Aug 2017 – Oct 2017**
  Test & Accept
- **Oct 2017**
  Begin Operations
Project Summary

**ROUTE LENGTH** 7.6 miles  
**VEHICLES** Dedicated BRT vehicles (Gillig 40 ft. CNG BRT+)

**DEDICATED BUS LANES**  
Thompson to Adams: median lanes (2.6 miles)  
4th to 14th: curbside (0.6 miles)

**FARE COLLECTION**  
Off-board fare collection for BRT (Passes, Cash & Mobile Pay)

**NUMBER OF STATIONS** 14 stations (26 platforms)  
**PROPOSED FARE** Same as local bus fare (currently $1.50)

**FREQUENCY PEAK** 10 minutes (7-9 am & 4-6pm)  
**DESIGN BUILD TEAM** Lane Construction Corporation  
**OFF PEAK** 15 minutes  
STV Design (Bid of $47,295,500)

**MINIMUM HOURS OF OPERATION**  
Weekdays: 5:30 am – 11:30 pm  
**IMPROVED PERFORMANCE** 65% increase in bus speed  
Weekends: 6:00 am – 11:30 pm

**ESTIMATED RIDERSHIP** 3,500 daily riders  
**INTELLIGENT TRANSPORTATION** Signal priority at intersections & queue jump at selected locations

Station Design

Community Engagement
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, 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.