

# Key LBCA Community Issues

## Braddock Road Widening Committee

2 April 2014

Ronald Sherwin

## Specific Areas of Concern for Long Branch

- Entrapment - it is already very difficult to make a left-turn from King David to either Guinea Road or Braddock Rd during rush hours.
- Traffic volume - Widening will increase traffic volume. Any accidents on Braddock will create increased cut-through in Long Branch.
- Noise Pollution - Increased noise and the impact on bordering property values.
- Road Deterioration and Noise - Cut-through of construction vehicles during the widening .
- Pedestrian Safety - Difficulty (and danger) in pedestrian commuters crossing Braddock Road to reach the bus stops on Eastbound Braddock Road.

## Mitigation Actions Requiring Study

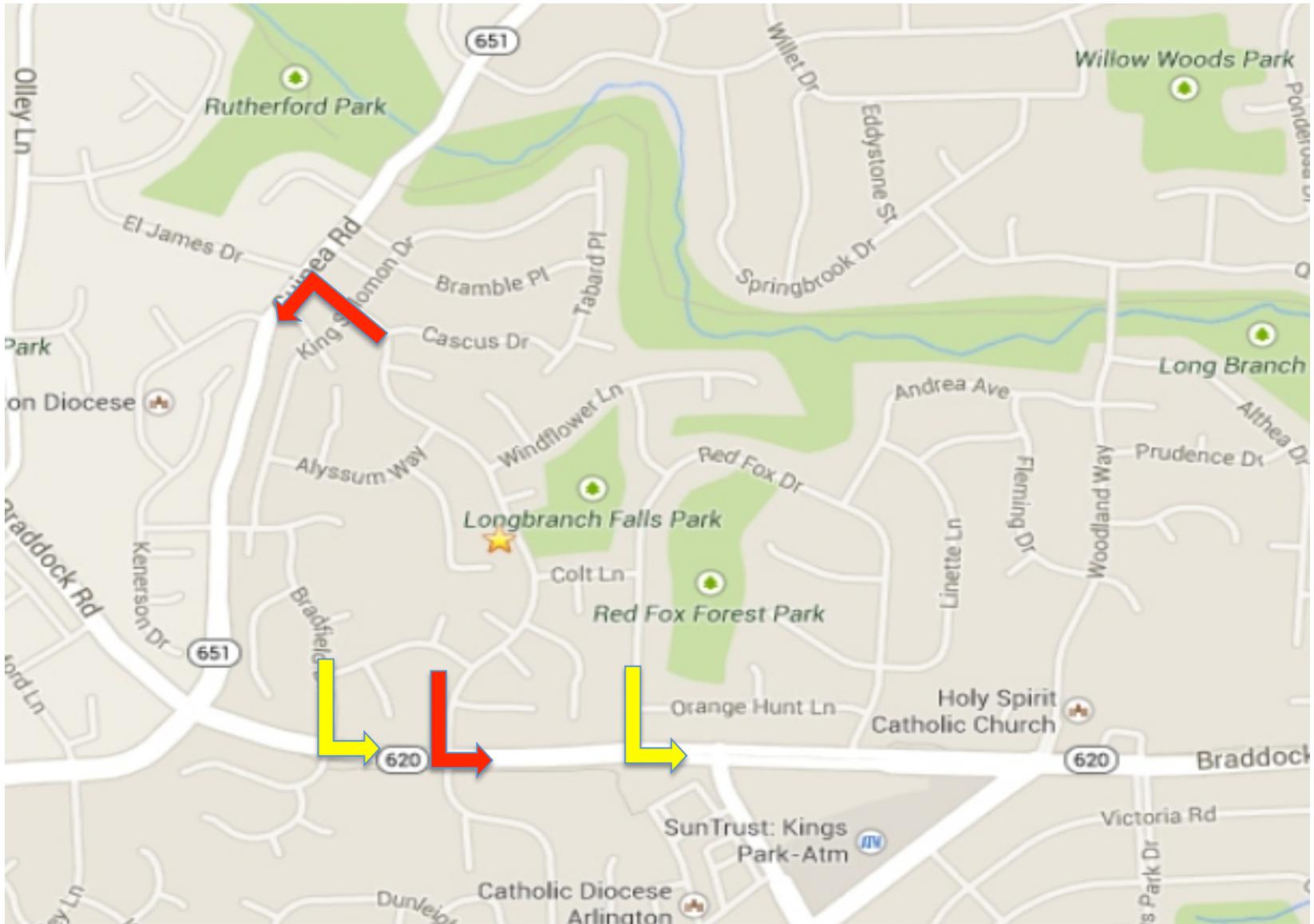
- Traffic light and pedestrian crossing at King David Blvd and Braddock Road.
- Extension of Braddock Road (north-side) walking trail from Red Fox Drive (east) to Bradfield Drive.
- Pedestrian sidewalk on south side of Braddock Road from Rolling Road to Dunleigh Court.
- Morning rush-hour cut through restrictions from Eastbound Braddock Road to King David Blvd.
- Restriction of construction vehicles from King David Blvd
- Noise mitigation measures (i.e., plantings, noise walls, berms) for homeowners bordering Braddock Road

Backup

# Entrapment

- Defined as difficulty in leaving Long Branch during rush hours.
- It is already challenging to make a left-turn from King David to either Guinea Road or Braddock Rd during rush hours. For Braddock Road, residents have to cut through Red Fox Drive to be able to reach the buffer on Braddock to complete the left turn (and to subsequently turn right onto Rolling Rd.
- Widening will probably eliminate the Red Fox buffer area on Braddock Road.
- Widening will ultimately increase traffic volume.
- Cut through of Red Fox subdivision will increase, with residents going down Orange Hunt Lane and turning right onto Braddock Road to turn left on to Rolling Road.

# Primary and Secondary Left Turn Exits from Long Branch



## Traffic Volume

- Widening will increase traffic volume in the long-term.
- Any morning accidents on Braddock Road will create increased cut-through in Long Branch.

# Noise Pollution

- Widening of Braddock Road will eliminate a portion of the woods buffering Long Branch homes from Braddock Road noise, and will impact property values in that area.
- A wider Braddock Road will increase the generated noise level.
- Potential mitigations include:
  - Compensation for affected homeowners
  - Noise walls
  - Additional planting

# Road Deterioration

- The asphalt surfacing of King David Blvd is already deteriorating to the point where patching and resurfacing will be required.
- Unless restricted by VDOT, King David Blvd will be subjected to repeated cut through by heavy construction vehicles.

# Pedestrian Safety

- Long Branch commuters will have to cross 6 lanes of traffic to reach the bus stops, rather than the present 4 lanes.
- The existing medians will be reduced in size