

## Commitment to Public Safety and the Environment

### Pepco in the Community

Pepco has taken a comprehensive approach to develop a construction plan to protect public safety and minimize impacts to natural resources along the entire route.

In preparation for construction Pepco will:

- Demolish the existing house at 2450 Western Shores Blvd. in Spring 2011
- Perform soil boring, surveying and other pre-construction studies and activities

During construction Pepco will:

- Work with local utilities (electric, phone, water and cable) to protect and ensure continuous service

- Temporarily disconnect and reconnect homes to the water main, where necessary
- Replace water mains and stormwater facilities that are disturbed by Pepco

In addition, Pepco will:

- Make the take-off property available to the community for public use, except during construction
- Hire an engineering firm to work with Pepco and the community to develop plans for community facilities on the take-off property



2450 Western Shores Blvd. and surrounding area

## Public and Personnel Safety

The MAPP team will work to minimize road traffic, dust, noise and vibrations around the work site to ensure public and personnel safety during construction.

### Traffic Control

- Maintain at minimum, a 10-foot-wide traffic lane at all times
- Install concrete barriers to separate the construction activities from the traffic lane
- Utilize portable traffic signals as traffic control measures, as necessary
- Install steel plate(s) to cover the roadway construction and/or entrances to driveways



Use of portable traffic signals during construction



Use of steel plates during construction

### Dust Control

- Add water during the cutting process to minimize dust
- Limit traffic speed to ensure suspended dust particulates do not become airborne
- Employ street sweeping equipment



Examples of roadway cutting

### Noise Control

- Schedule work to ensure its completion during available work hours
- Monitor noise levels during construction
- Ensure equipment has appropriate noise emission controls
- Eliminate jake brake use in construction area

### Vibration Control

- Restrict speed limit
- Select construction methods that minimize impact, when possible
- Hire a civil engineering soils expert to analyze the possible effects of directional drilling on the surrounding area