

3.0 GOALS, OBJECTIVES AND OPPORTUNITIES

3.1 PROJECT GOAL

The goal of this project is to provide adequate flood damage reduction measures that are technically feasible and financially prudent to ensure the safety of the Huntington Community (both people and structures) without increased flood damages in neighboring communities and infrastructure.

3.2 PROJECT OBJECTIVES

At the initiation of the study, Fairfax County established the following objectives for the project:

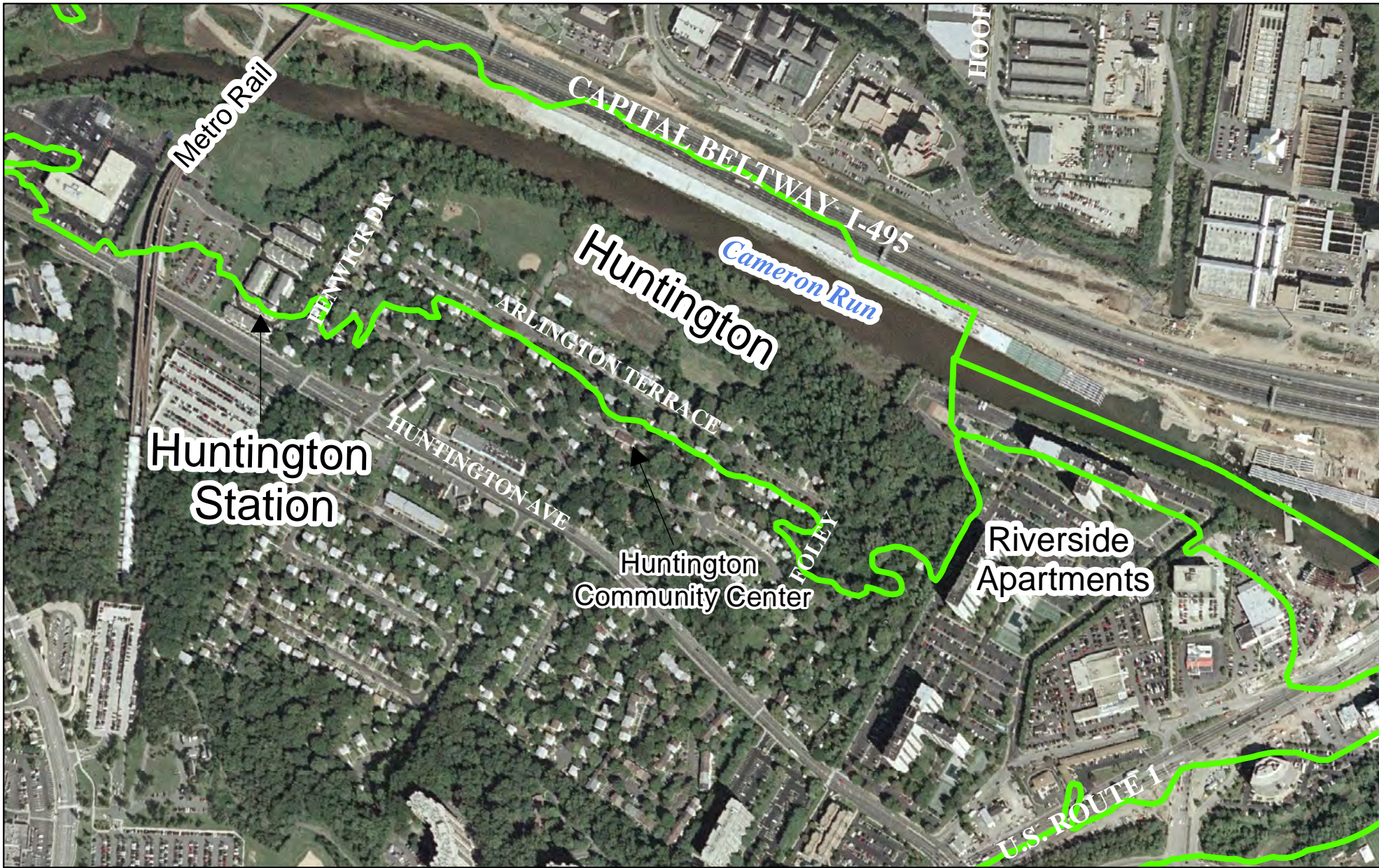
- Incorporate the needs/desires of the Huntington Community for flood damage reduction to the degree possible;
- Examine a full suite of alternatives (various frequencies of events and types of projects)
- Minimize risk to the community
- Minimize environmental impacts
- Minimize/avoid impacts to the Fairfax County Resource Protection Area (RPA), an area where streams, wetlands and shores should be protected under the Chesapeake Bay Act
- At a minimum, provide protection against the June 2006 flood event (2% annual chance, or 50-year recurrence interval)

The Fairfax County RPA is shown is shown on Figure 3.1. Further information regarding the RPA is included in Section 4.1.2.

3.3 PROJECT OPPORTUNITIES

The project team identified the following potential opportunities to be evaluated while developing alternative solutions to mitigate flooding.:

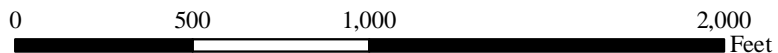
- Wetland creation if material is dredged from Cameron Run
- Sound/noise reduction if some type of a wall is constructed
- Recreational access/opportunities in the park area, such as a walking trail
- If dredging or modifying the stream, create a channel that is compatible with the goals of the ongoing Cameron Run/Holmes Run watershed restoration study currently underway by the Corps, Fairfax County and the City of Alexandria



US Army Corps
of Engineers
Baltimore District

Figure 3.1

Fairfax County
Resource Protection Area



Aerial Photograph dated 2004 courtesy of AerialExpress

Legend

 Resource Protection Area Boundary

