

## 8. Public Facilities

Public facilities are essential to support the services and functions that are provided by the county government or public utility companies. The facilities discussed in this section of the report are schools, libraries, public safety, sanitary sewer, and water systems.

The Public Facilities Map (Figure 8.1) shows the location of existing schools, libraries, fire stations, and police stations within and proximate to the Lincolnia Planning District (PD).

### Schools

A total of seven schools serve the Lincolnia PD. The schools are Bren Mar Park, Columbia, Parklawn and Weyanoke Elementary schools; Holmes Middle School; and Annandale and Edison High schools. As shown in Figure 8.1, of these schools, only Bren Mar Park Elementary and Holmes Middle schools are located in the planning district.

Appendix D includes a table showing 2014 and 2019 school capacities, current enrollment, and projected enrollment for 2015-2016 and 2019-2020. This table represents a snapshot in time for student enrollments and school capacity balances. Student enrollment projections are updated annually and completed on a six-year timeframe. Enrollment projections are not available beyond the six-year projection horizon. New enrollment projections are expected in December 2015 - January 2016.

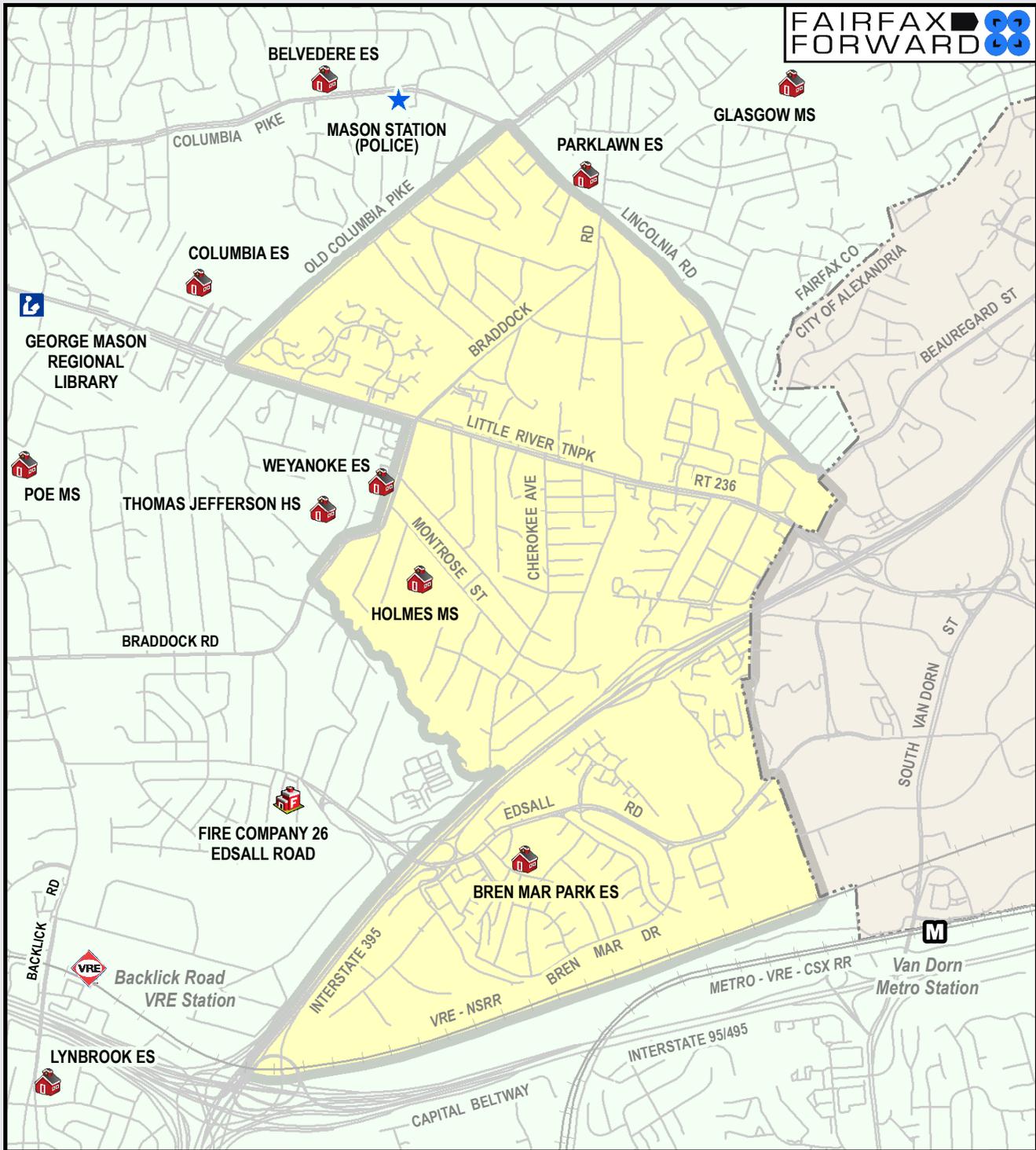
School capacity is based on the proposed Fiscal Year (FY) 2016-2020 Capital Improvements Program (CIP); if a school capacity enhancement is included in the CIP, 2019 capacity will be greater than 2014 capacity. Within the next six years, school capacity deficits are projected at all four elementary schools, with the largest deficit projected at Columbia and Weyanoke Elementary schools. A capacity surplus is projected at the middle and high school levels.

### *Capital Improvement Projects*

The proposed FY 2016-2020 CIP does not contain any capacity enhancements or renovations for the schools serving the Lincolnia PD.

### *School Facility Needs*

The Lincolnia PD is projected to continue to have capacity challenges at the elementary school level. Enrollments will be monitored at the elementary level as capacity enhancements may be needed in the future to accommodate the projected growth. Capacity needs have traditionally been addressed through the construction of new schools, additions to existing facilities, interior architectural modifications, the addition of temporary/modular buildings, and/or changes to programs and/or attendance areas.



# Public Facilities

## Lincolnia Planning District

- Key
- School
  - Fire Station
  - Library
  - Police Facility

Prepared by DPZ, July 2014

**Figure 8.1** Public facilities in and around the Lincolnia Planning District.  
 Source: Fairfax County DPZ/GIS

## Libraries

The Fairfax County public library (FCPL) system provides a network of facilities and library services to meet the educational, recreational, and informational needs of residents. The library system is composed of two categories of libraries based on facility size and the extent of services provided.

Regional libraries provide services to the local community and support informational needs of all county users on a coordinated and shared basis. They have a floor area of approximately 25,000 to 39,000 square feet. Regional libraries have about 20,000 visitors per month and a monthly circulation of at least 20,000. Circulation is related to the number of materials that are borrowed from the library.

Community libraries provide a mix of library services designed to serve the community in which the library is located. They have a floor area of approximately 10,000 to 17,000 square feet. Community libraries have about 10,000-20,000 visitors per month and a monthly circulation between 10,000 and 50,000.

No community or regional libraries are located in the Lincolnia PD. The study area is served by George Mason Regional Library, located at 7001 Little River Turnpike in Annandale. This library was renovated in 1998. Richard Byrd Community Library is located at 7250 Commerce Street in Springfield and was renovated 2010. Woodrow Wilson Community Library is located at 6101 Knollwood Drive in Falls Church. This library is being renovated and is scheduled to reopen in mid-March 2015. The larger renovated facility will include multiple meeting rooms and a sizable children's area.

In terms of both total number of visitors and average number of monthly visitors in FY2014, George Mason ranked 6th among all 22 FCPL branches, while Richard Byrd ranked 11th and Woodrow Wilson ranked 22nd. George Mason Regional Library is the closest library to the study area, as illustrated in Figure 8.1. There are currently no additional needs or deficiencies for the libraries that serve the study area.

## Public Safety

### *Police*

Police and governmental buildings are the nucleus for police operational programs and critical logistic staging. Emerging trends and threats have changed the way law enforcement operates. In addition to the historic uses of community building initiatives, citizen interviews, public briefings, and station based services, police stations may also house rapid deployment equipment and vehicles that cannot constantly be placed in service.

The ability to quickly send out specialized equipment to traffic incidents, active shooter situations, and other high profile threats in a timely fashion is paramount to the Fairfax County Police Department's success. Additionally, it is critical that communities have reasonable access to many police services offered at the stations; while police strive to take services into the neighborhoods, a need will always exist to offer many services directly from the stations.

The Lincolnia PD is served by Mason and Franconia District police stations, both located outside of the Lincolnia PD. The Mason District police station is shown in Figure 8.1. Together these stations deliver effective and critical police services to approximately 400,000 people within their service areas.

The Mason District police station is collocated with the Mason District Office at 6507 Columbia Pike in Annandale. Approximately 148 employees, including police and auxiliary officers, civilian support staff, and volunteers staff the Mason District station at various times. The station provides police services to the northern portion of Lincolnia, as well as communities within an approximately 20 square mile area including Annandale, Baileys Crossroads, Seven Corners, Lake Barcroft, Woodburn, Woodfield and Mantua as well as Fairfax Hospital.

The Franconia District police station is collocated with the Franconia Governmental Center at 6121 Franconia Road in the Lee Supervisor District. Approximately 170 employees, including police and auxiliary officers, civilian personnel and volunteers staff the Franconia District station at various times. The station serves the southern portion of the Lincolnia PD, the areas around the Franconia-Springfield Metrorail Station and the Springfield Mall, as well as communities in Kingstowne, Lorton, North Springfield, Franconia, and Rose Hill.

The Franconia station has exceeded its intended life cycle and requires renovation; however, projects in need of more immediate attention have been identified on the Police Department's FY2015 CIP priority list. Renovations to the Franconia station will be part of CIP discussions in the future.

### *Fire and Rescue*

The Fairfax County Fire and Rescue Department includes 37 strategically positioned stations to effectively serve county residents. Emergency response coverage to the Lincolnia PD is mainly provided by the Edsall Road Fire and Rescue Station 26 as shown in Figure 8.1. This station is located west of the Lincolnia PD.

Several other fire and rescue stations that are not shown on the map provide coverage to the



George Mason Regional Library.  
Source: annandaleva.blogspot.com



Bailey's Crossroads Volunteer Fire Station.  
Source: Google Maps

Lincolnia area. The northern portion of the study area is covered by the Bailey's Crossroads Volunteer Fire and Rescue Station 10 located along Columbia Pike. Additional coverage is provided by the Annandale Volunteer Fire and Rescue Station 8 also located along Columbia Pike. The Alexandria Fire and Rescue Department also provides emergency support to the Lincolnia area through a mutual response agreement with Fairfax County.

There are currently no plans for additional fire and rescue facilities or any proposed improvements to the existing facilities serving the Lincolnia PD or surrounding areas.

## **Sewer and Water**

### *Sanitary Sewer Service and Infrastructure*

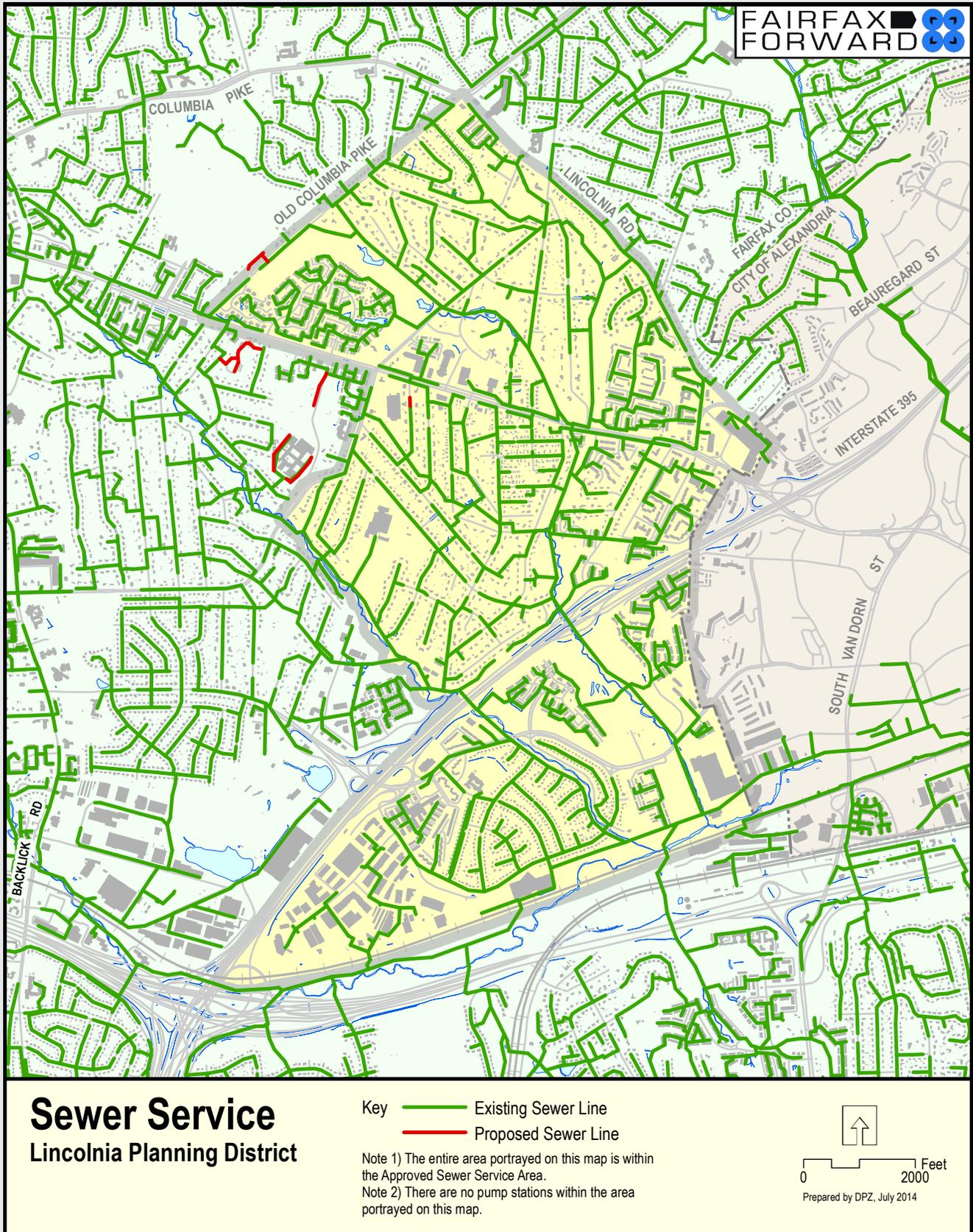
The Sewer Service Map (Figure 8.2) shows existing and proposed sewer lines in and near the study area. The Lincolnia PD is served by the Alexandria Renew Enterprises (AlexRenew) treatment plant.

Located near the Woodrow Wilson Bridge, the AlexRenew plant is a regional treatment facility that also provides sewage treatment to the City of Alexandria and a portion of the City of Falls Church. Under a service agreement, Fairfax County has a treatment allocation of 32.4 million gallons per day (MGD) out of the facility's 54 MGD treatment capacity, or about 60% of the facility's total capacity. The county currently utilizes about 18.0 MGD, or approximately 56% of its allocation. The AlexRenew treatment plant is capable of handling the county's projected sewage flow under its current allocation through 2040.

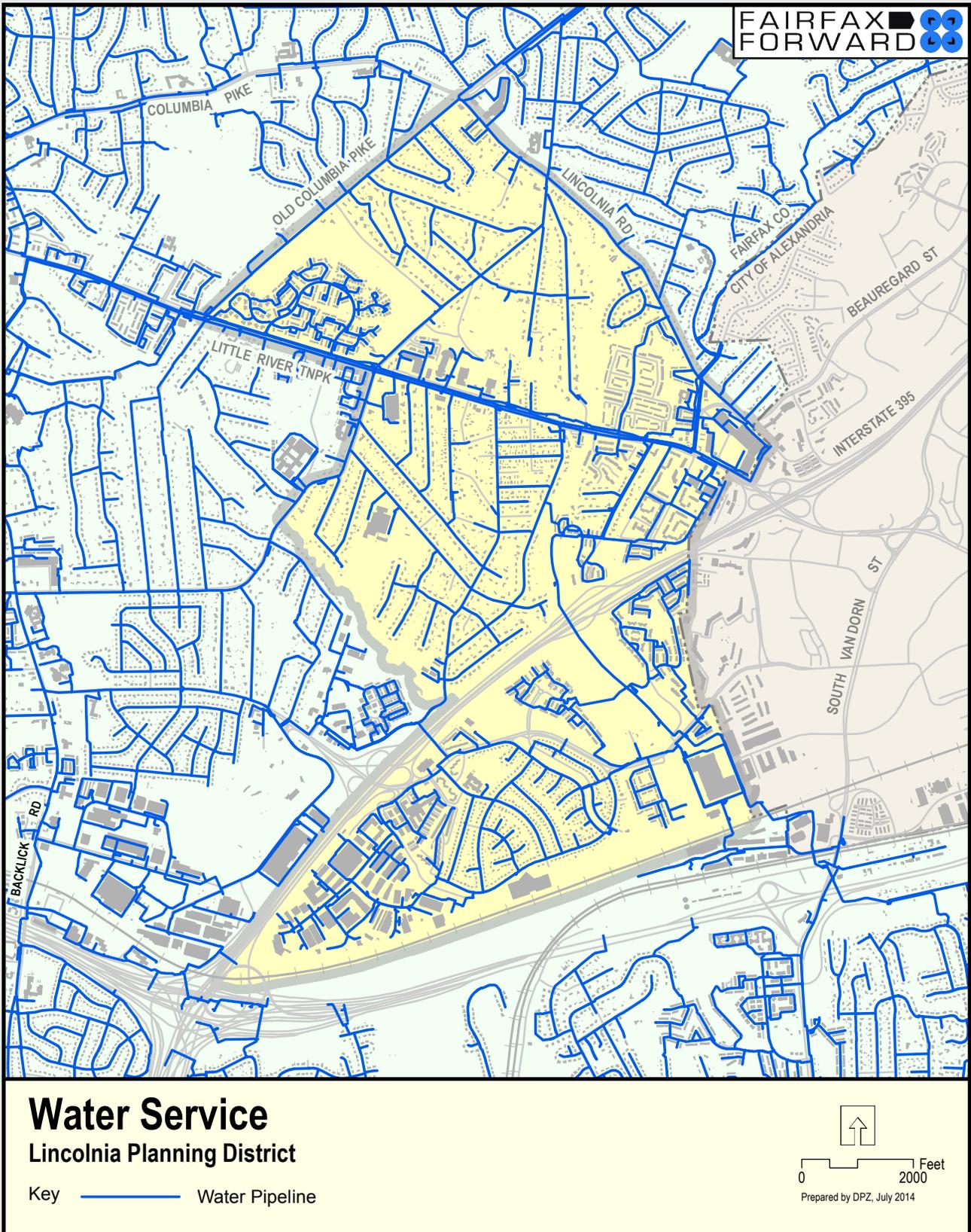
There are small portions of proposed sewer lines in the Lincolnia PD. All of the existing trunk lines in the study area have adequate capacity to handle the projected flow through 2040.

### *Public Water System and Infrastructure*

The Water Service Map on page 86 (Figure 8.3) shows existing water pipelines within and surrounding the study area. The Lincolnia PD is served by the Fairfax County Water Authority (Fairfax Water). On January 3, 2014, Fairfax Water acquired the water systems previously owned by the cities of Fairfax and Falls Church. An integration study is currently underway to plan for the most efficient operation of the combined systems. One project in the Lincolnia PD has been identified through this study. The project proposes the installation of a transmission water main along the Brad-dock Road corridor from Columbia Pike to south of Lincolnia Road. Additional transmission requirements to better serve customers in the future may be identified at a later time.



**Figure 8.2** Existing and planned sewer infrastructure in and around the Lincolnia Planning District.  
Source: Fairfax County DPZ/GIS



**Figure 8.3** Existing water infrastructure in and around the Lincolnia Planning District.  
Source: Fairfax County DPZ/GIS

BREN MAR PARK SCHOOL

6344

Bren Mar Park Elementary School.  
Source: Fairfax County