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Appendix

Environmental Screening Survey

Project Name: North Fork Peachtree Creek Greenway, City of Brookhaven
County: DeKalb
GDOT P.I. No.: Unknown
Consultant Firms: Edwards-Pitman Environmental, Inc. for Heath & Lineback Engineers
Date: August 31, 2015

Site Description: The proposed project would involve construction of a trail along the North Fork of Peachtree Creek in DeKalb County. The study area was limited to the North Fork Peachtree Creek corridor within the Brookhaven city limits. The approximate limits of this survey area are provided in *Screening Study Area* map on page 2.

General Land Use Description:

The land within the screening area is predominantly developed commercial properties. Given the corridor’s close proximity to Buford Highway NE, a major north-south transportation corridor for metro Atlanta, the natural topography in the area has largely been altered. The north side of the Peachtree Creek Greenway in this area consists primarily of small “box” commercial establishments such as laundry operations, a gas station, a car dealership, restaurants and hotels. However, two multi-family residential complexes are also located in this area. South of the Peachtree Creek Greenway is found larger commercial operations such as the Salvation Army headquarters and Corporate Square office complex.

There are three schools located within the greater study area. Woodward Elementary, Montclair Elementary and Cross Keys High are located within the screening area; however, only Montclair Elementary is located in proximity to the greenway.

Ecology:

Author: Ryan Cook

Date Surveyed: August 5, 2015

Ecological Resource(s) Identified:

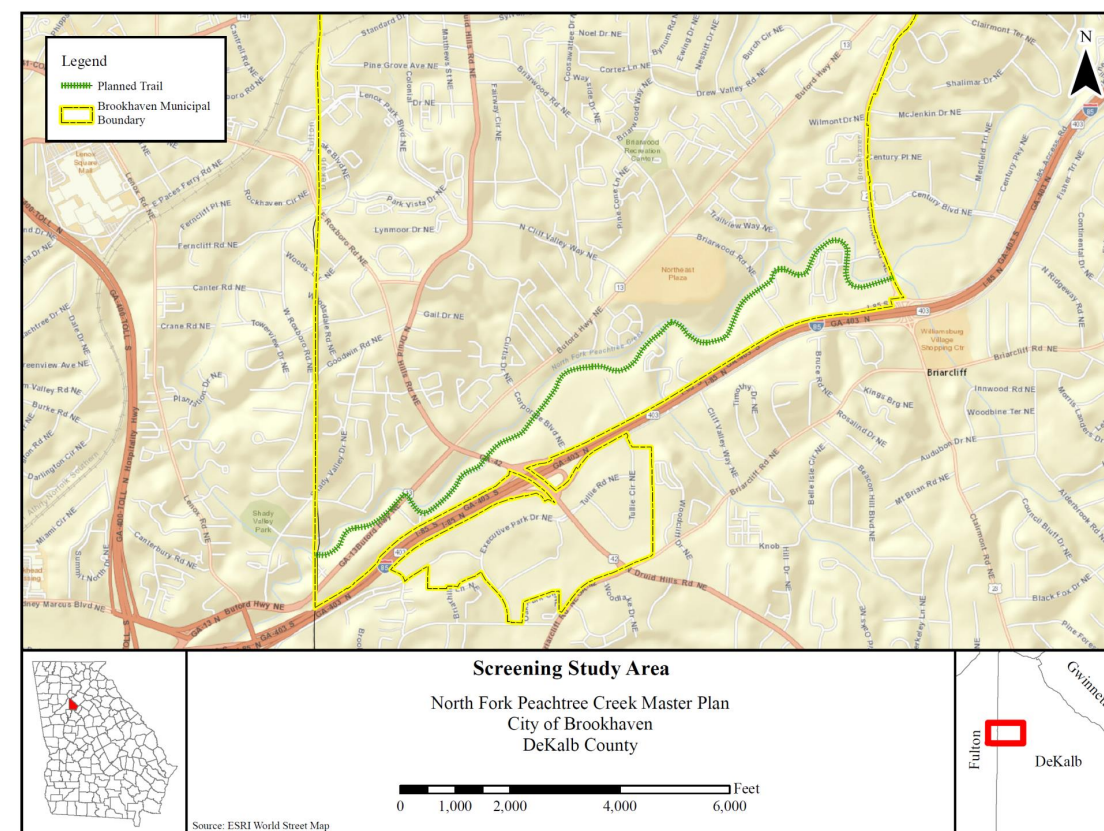
Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
<i>Resource Type:</i>	Stream <input checked="" type="checkbox"/>	Wetland <input checked="" type="checkbox"/>	Open Water <input checked="" type="checkbox"/>
<i>Any State Buffered Waters?</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	T&E/Habitat <input type="checkbox"/>
<i>Any Jurisdictional Waters?</i>	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	

Streams/Wetlands:

On August 5, 2015, a desktop survey was conducted for environmental resources located within and immediately adjacent to the screening area. In addition to the North Fork Peachtree Creek, a state buffered jurisdictional water of the US, the screening survey identifies a number of jurisdictional wetlands and open waters. These resources were not delineated; however, they are approximately located on the attached *State and Federal Waters* map on page 3. This information is for planning purposes only and a full delineation of the waters of the US should be performed prior to project permitting and construction.

Protected Species:

Additionally as a part of the environmental screening, the US Fish and Wildlife Service’s (USFWS) Information, Planning, and Conservation System (IPaC) and the Georgia Department of Natural Resource (GADNR) websites were consulted for information regarding potential impacts to federally protected species related to implementation of the proposed project. The USFWS IPaC list identifies three species of concern within DeKalb County, including the little amphianthus (*Amphianthus pusillus*), black-spored quillwort (*Isoetes melanospora*), and dwarf sumac (*Rhus michauxii*). The GADNR DeKalb County list identifies the federally little amphianthus and the black-spored quillwort.



Little Amphianthus – Federally Threatened

Little amphianthus occurs on shallow, flat bottomed depressions (vernal pools) on granite outcrops with thin, gravelly soils and winter-spring inundation. No granite outcrops were observed within the screening area. More intensive field surveys may identify habitat for this species; however, based on the screening survey it does not appear that little amphianthus would be a species of concern during project development.

Black-Spored Quillwort – Federally Endangered

The black-spored quillwort habitat is restricted to shallow, flat-bottomed depressions on granite outcrops, where water collects after a rain. These depressions are less than 1-foot in depth, and are entirely rock-rimmed, and usually contain soil at least 1-inch deep. They may be dry much of the summer, except during rainy periods. No granite outcrops were observed within the screening area. More intensive field surveys may identify habitat for this species; however, based on the screening survey it does not appear that little amphianthus would be a species of concern during project development.

Dwarf Sumac – Federally Endangered

Dwarf sumac are found in dry, open, rocky, or sandy woodlands over mafic bedrock with high level of calcium, magnesium, or iron; often on ridges and river bluffs. The wooded areas observed within the screening area are within maintained lawns and would not provide suitable habitat for the dwarf sumac. More intensive surveys may identify pockets of suitable habitat for this species; however, based on the screening survey it does not appear that dwarf sumac would be a species of concern during project development.

Archaeology:

Author: Lauren Welch

Date Surveyed: August 7, 2015

Archaeological Resource(s) Identified:

Within One Kilometer: Yes No Number of Sites: 1
 Within Survey Boundary: Yes No Number of Sites: 1

On August 7, 2015, a check of the Georgia Archaeological Site File (GASF) was conducted electronically for this project using the GNAHRGIS database at the University of Georgia in Athens. One previously identified archaeological site is located within a one-kilometer radius of the proposed site. This site (9DA361) was also located immediately adjacent to the possible trail location. The approximate location of the site relative to the study area is provided on the *Archaeological Resources* map on page 5.

History:

Author: Mark Grindstaff

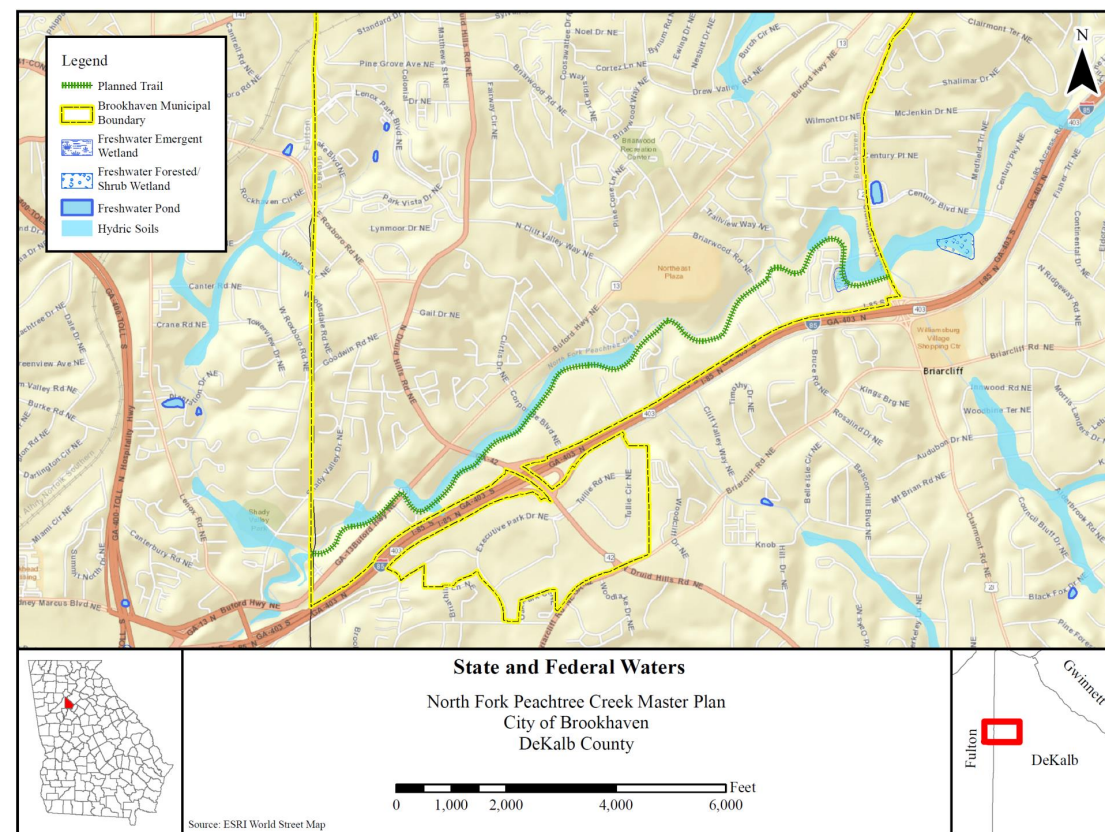
Date Surveyed: July 31, 2015

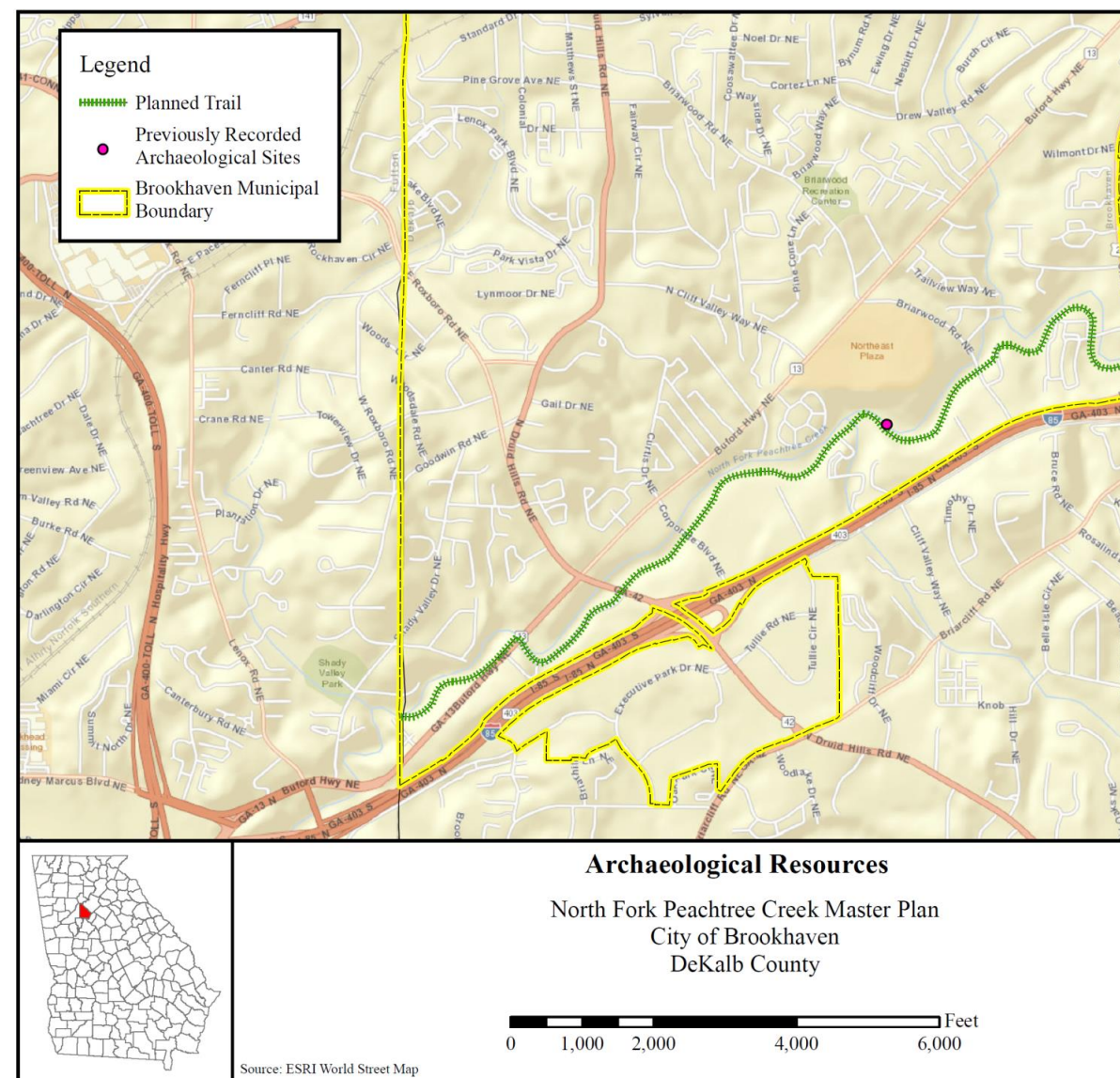
Structures 50+ year Identified:

Within Survey Boundary: Yes No

Survey Methodology:

For the purposes of the screening, the identified resources were grouped into three distinct categories: 1) those requiring individual evaluation for eligibility on the National Register of Historic Places (National Register); 2) those that appear to be part of larger National Register-eligible historic districts; and, 3) those that are already listed on the National Register. For the resources requiring individual evaluation, EPEI identified properties constructed in, or prior to, 1966, as these resources will be recognized as “historic” by National Register evaluation standards in 2016. In identifying resources that appear to be part of larger historic districts, EPEI extended the survey period to 1969 to conform with the period of significance for certain types of mid-twentieth century domestic architecture established in *The Ranch House in Georgia: Guidelines for Evaluation*.





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After establishing the spatial and temporal parameters of the screening, EPEI consulted DeKalb County tax assessor’s records for all properties adjacent to the survey corridor in order to ascertain each property’s date of construction. Review of tax assessor’s records was also undertaken for numerous properties located beyond the survey corridor in order to establish approximate boundaries of potential historic districts in the vicinity of the corridor. In addition to the tax records, the National Park Service’s inventory of National Register-listed properties in DeKalb County and the Department of Natural Resources’ Natural, Archaeological, and Historical Resources GIS (NAHRGIS) database were consulted to identify any previously surveyed historic resources located along the corridor. Finally, a windshield survey of the corridor was conducted to determine the validity of the database research.

Survey Results

The results of the screening are as follows:

- No National Register-listed historic resources were identified along the survey corridor.
- No previously surveyed historic resources were identified in the Department of Natural Resources’ NAHRGIS database.
- Numerous historic resources were identified along the corridor based on information obtained from the DeKalb County tax assessor’s records and the windshield survey (refer to attached map for resource locations).

The historic resources identified include garden apartments and condominiums, auto service garages, warehouses, and other commercial structures. According to the tax assessor’s records, these properties were constructed between 1954 and 1966. All of these resources are delineated on the *Historic Resource* map on page 7.

The National Register eligibility of these properties is unknown. Additional research and documentation would be required before an adequate assessment of each property’s National Register eligibility can be made. However, even if any of the resources are ultimately recommended eligible for the National Register, the potential for adverse effects to these resources is low due to the volume of non-historic development in the vicinity of the resources. This development has already created an intrusion on the historic visual character of the resources to such an extent that adverse visual impacts from the project are unlikely. Instead, potential adverse impacts would likely be limited to extensive encroachment of the project on a resource’s yard or parking area or actual displacement of a resource.

It should be noted that all assumptions and observations regarding potential impacts made in this report are preliminary and have not been reviewed or approved by the Georgia SHPO. As such, they are subject to change.

Air Quality/Noise:

Author: Russ Danser, AICP

Date Surveyed: August 24, 2015

Impacts Anticipated: Yes No

Ozone: It is unknown if this project is identified in the conforming TIP.

CO: Given the project type (multiuse trail), it is not anticipated that this project would significantly impact CO concentrations and would, therefore, not require a CO hot-spot analysis.

PM_{2.5}: It is anticipated that this project, when evaluated by an interagency group consisting of FHWA, EPA, EPD and the MPO, would be Exempt per the Transportation Conformity Rule and thus meet the statutory and regulatory requirements for PM_{2.5} hotspots without a qualitative analysis.

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MSAT: It is anticipated that the proposed project would be classified as a project with *No Potential MSAT Effects*.

Noise: It is anticipated that this project meets the definition of a Type III project and does not require a noise study or abatement of highway noise impacts.

Underground Storage Tanks/Hazardous Materials Sites:

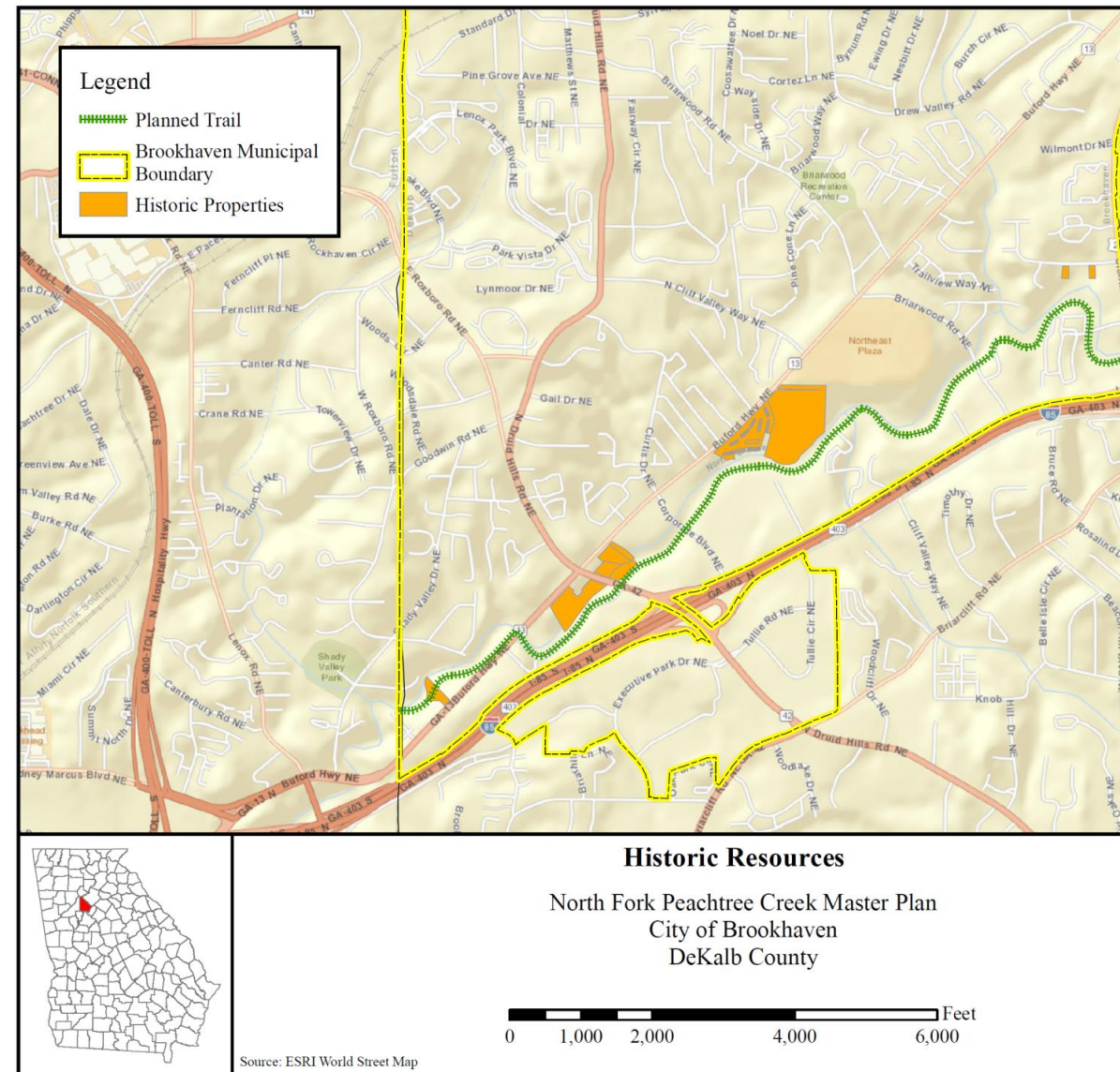
Author: Russ Danser, AICP

Date Surveyed: August 24, 2015

Sites Identified: Yes No Number of Sites: 2

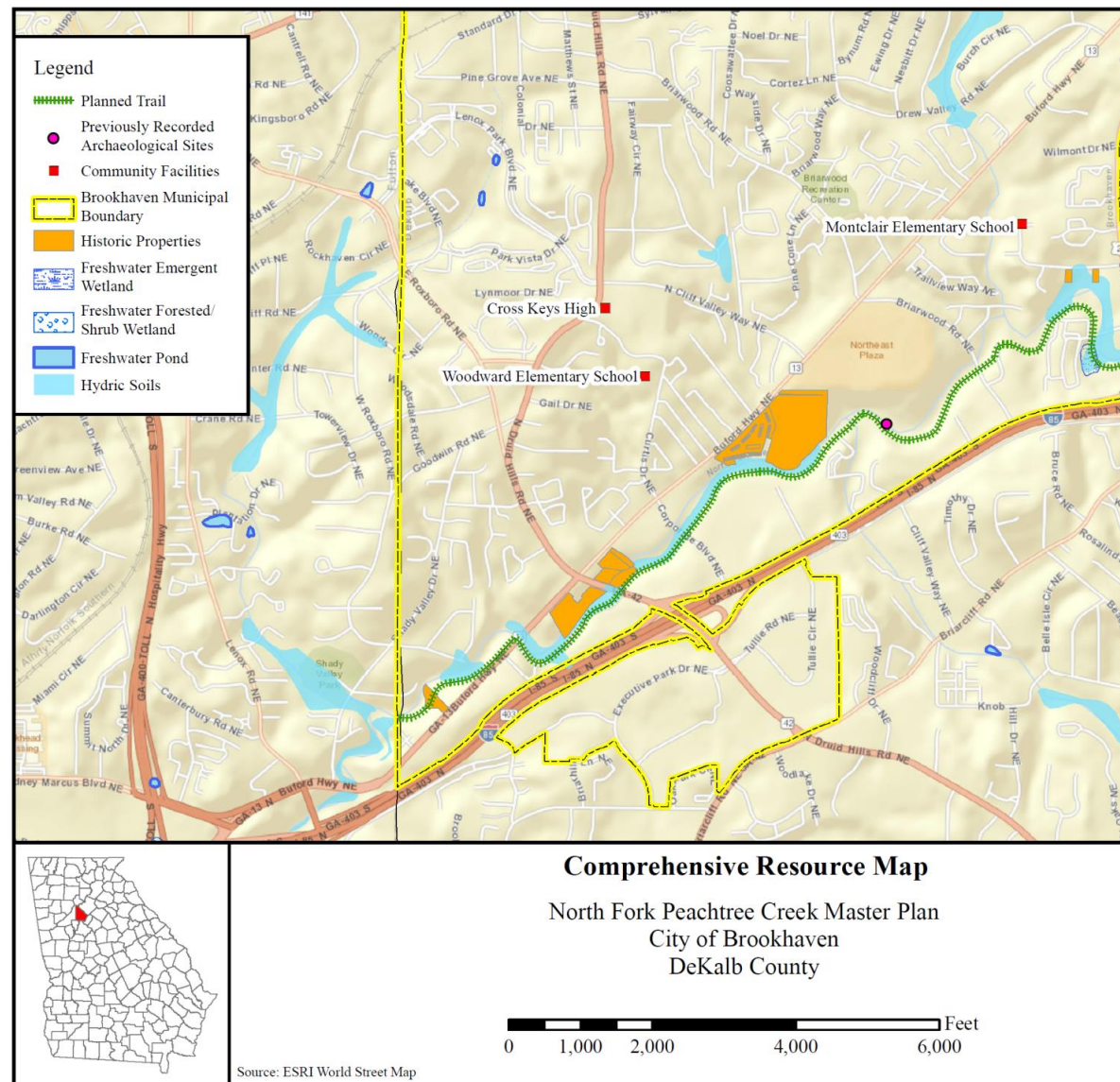
As previously noted, there is one laundry (Brookhaven Laundry – 1860 Corporate Blvd NE) and one gas station (Citgo – 3107 Buford Hwy NE) located north of North Fork Peachtree Creek. If right-of-way is required from this property, subsurface investigations (Phase II) will be required for this property. If contamination is encountered, then Standard Specification 107.22 Hazardous and/or Toxic Waste for USTs would be required.

Given the number of resources identified in this screening memo, a Comprehensive Resource Map has been prepared and is provided on page 9.



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