

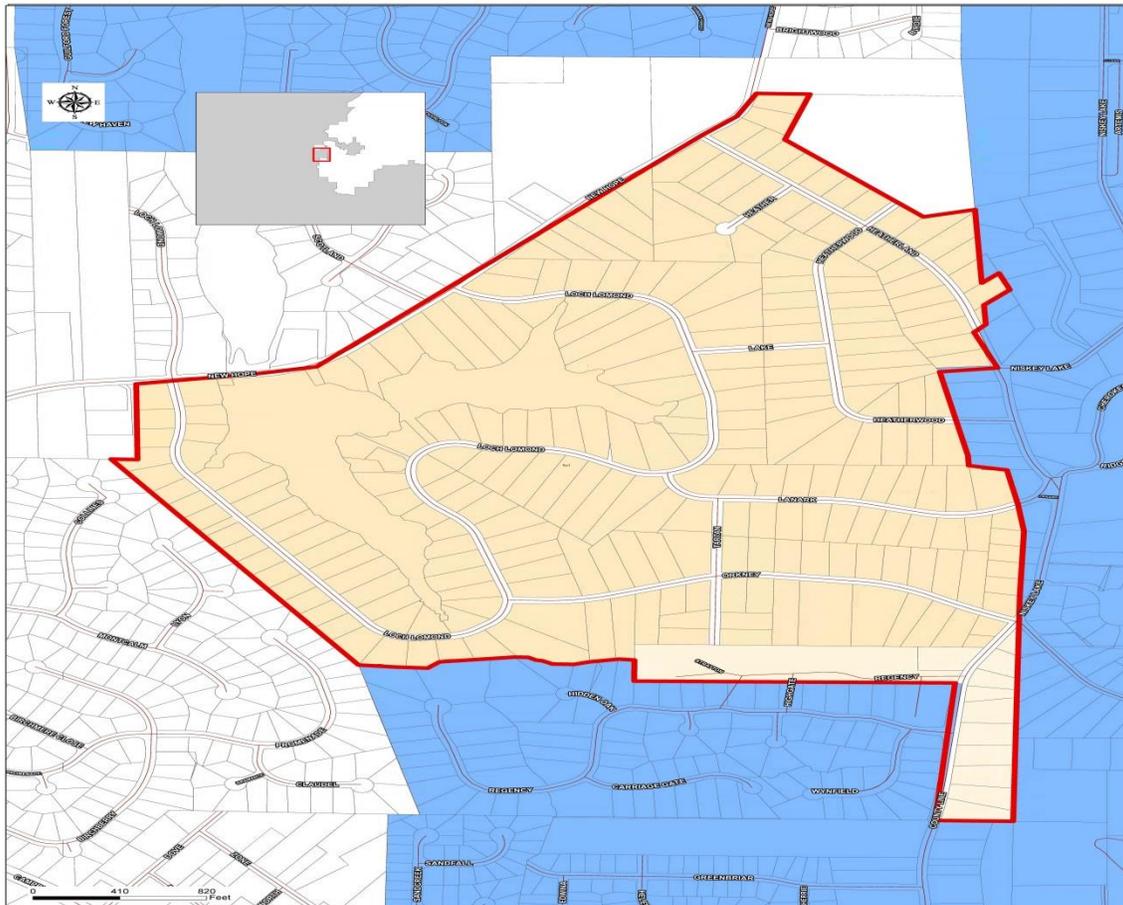
City of Atlanta
Annexation Service Plan
Loch Lomond Estates

Residents of **Loch Lomond Estates** have submitted petitions requesting annexation into the city of Atlanta. The City of Atlanta is prepared to provide municipal services to **Loch Lomond Estates** residents. The plan delivering these services is as follows.

1. Loch Lomond Estates Area Overview

The residential area known as **Loch Lomond Estates** is located off of Fairburn Road in unincorporated Fulton County. **Loch Lomond Estates** is 271 acres and includes streets of Loch Lomond Trail, New Hope Road, Heather Court, Heatherland Drive, Heatherwood Drive, Lake Lane, Lanark Drive, Niskey Lake, Orkney Lane, and Tartan Lane. (See Map1.A.: Loch Lomond Estates Annexation Area Map). Based on the 2010 Census, **Loch Lomond Estates** has 232 households and a population of approximately 680. The average appraised property value is \$113,000.

Map1.A: Loch Lomond Estates Annexation Area Map:



2. Police/911

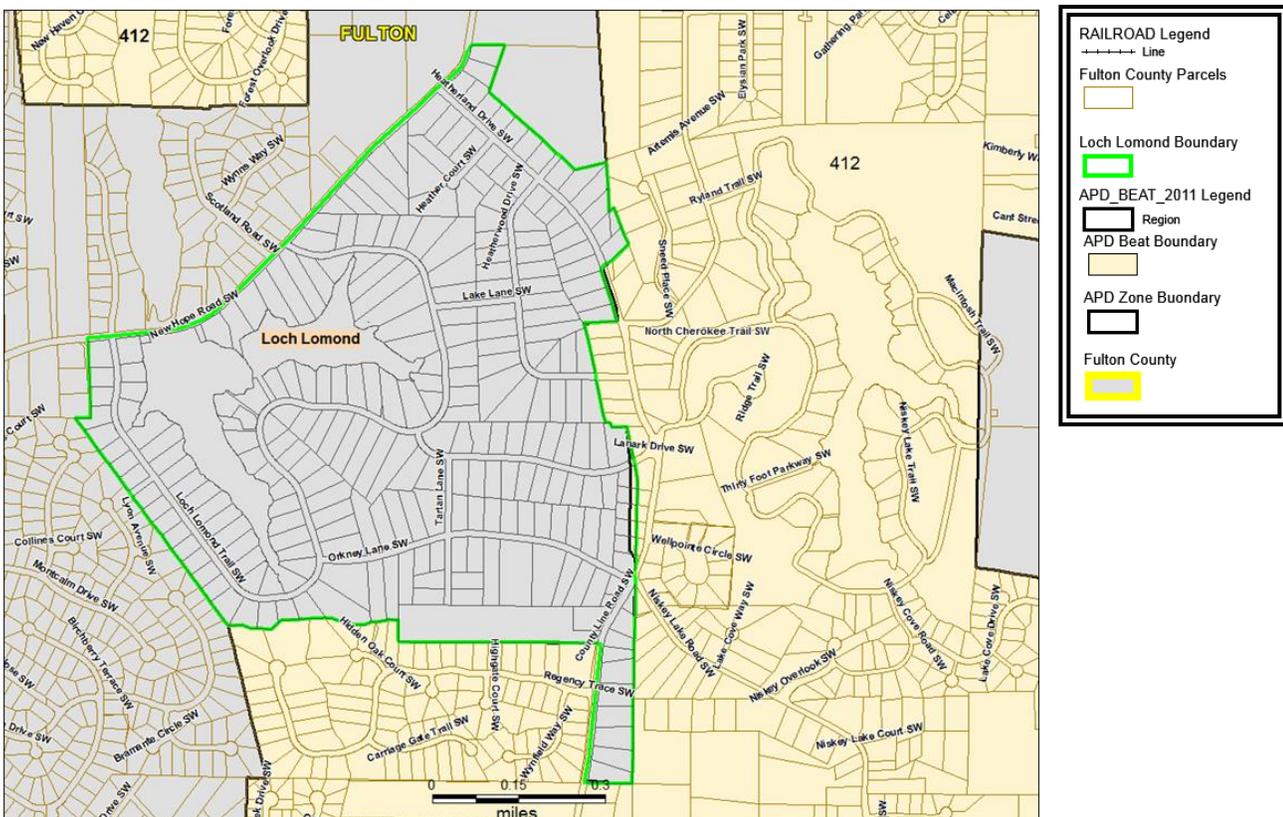
I. Department Statement of Ability to Provide Services to the Annexation Area.

The Atlanta Police Department (APD) is prepared to provide 911 Emergency Response and all associated police services to the **Loch Lomond Estates** residents.

a. Description of Services to be Provided

The residential area known as **Loch Lomond Estates** has 264 land parcels. **Loch Lomond Estates** is 271 acres and includes all or portions of the streets County Line Road SW, Heather Court SW, Heatherland Dr SW, Heatherwood Drive SW, Lake Lane SW, Lenark Dr SW, Loch Lomond Trail SW, New Hope Road SW, Orkney Lane SW, and Tartan Lane SW. The property is adjacent to Atlanta Police Beat 412 (see Map 1.A.: **Loch Lomond Estates** Annexation Area Map), just west of Niskey Lake Road SW and just north of Regency Trace SW. Based on the 2010 Census block file, the Census blocks that are within or intersecting **Loch Lomond Estates** has an estimated population of 518, and total housing units of approximately 232.

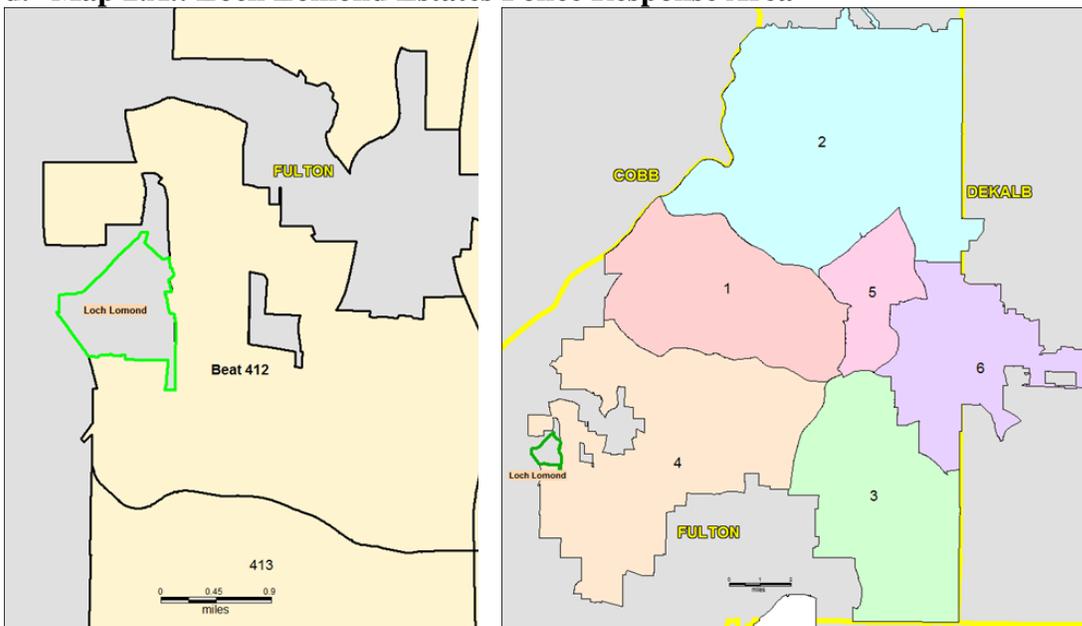
b. Map 1.A: Loch Lomond Annexation Area Map



c. Police/911

Loch Lomond Estates is a residential community. It is approximately 5 miles from the Zone 4 Precinct. Zone 4 encompasses 31.36 sq. miles and has an estimated population of 73,571 (based on 2010 US Census block data). The **Loch Lomond Estates** area will be absorbed into Zone 4, beat 412 (see Map 2.A.: Loch Lomond Police Response Area). Beat 412 is 5.1 square miles. Zone 4 resources include 24 hour patrol officers, discretionary teams, and detectives to handle any crime problems. Zone 4 has 118 officers and 9 detectives. In addition to the Zone 4 personnel, all other APD resources will be available to **Loch Lomond Estates** residents.

d. Map 2.A.: Loch Lomond Estates Police Response Area



- e. Zone 4 received 56,431 calls for service in 2014 and an average response time to high priority calls (excluding self-initiated) of 7 minutes, 14 seconds. The average response time to all priority calls (excluding self-initiated) was 9 minutes 54 seconds. As reported by the Fulton County Police, the **Loch Lomond Estates** community had 274 calls for service in 2014. About 51% of the calls were alarm calls. Zone 4 will serve the **Loch Lomond Estates** area at a service level consistent with the service level within the City of Atlanta.
- f. Some considerations of annexation include the current calls for service in the community, alarm registration, beat size, and increased cost.

First, the community has a low number of calls for service and should not impact existing personnel numbers once it is absorbed into the City of Atlanta.

Second, residents who have alarms will need a grace period to register at www.crywolf.us/atlantaga in accordance with the City False Alarm Ordinance.

Third, beat 412 is 5.1 square miles and the addition of **Loch Lomond Estates** will grow the beat by .46 square miles. Although the beat is large in area, the 2014 response times and number of part 1 and 2 crimes (2014 = 718) would suggest that the addition of **Loch Lomond Estates** would not negatively impact service. The call volume in Loch Lomond could increase the call volume for beat 412 by up to 7%. Atlanta Police will make assessments of workload and beat size in future beat realignments.

Lastly, the City may incur additional costs when updating digital data files to include the annexed area.

g. Departmental Resources:

i. Field Operations

1. Emergency 911 Response
2. Crime Suppression
3. Investigations

ii. Special Operations

1. Mounted Patrol
2. Motors Unit
3. Tactical Traffic Unit
4. Special Weapons and Tactics Team
5. K-9 Unit
6. Helicopter Unit

iii. Criminal Investigations

1. Homicide Unit
2. Special Victims Unit
3. Robbery Unit
4. Major Fraud Unit
5. Narcotics Unit
6. Homeland Security
7. Intelligence
8. Fugitive Unit

iv. Community Services

1. Crime Prevention Inspectors
2. Police Athletic League

v. Support Services

1. Crime Scene Investigations
2. Fingerprinting
3. Criminal Background Checks
4. Citizen's Police Academy
5. Chaplaincy
6. Smart 911

II. Operational Requirements

a. Upfront investment required to be operational (if applicable)

i. Staffing and Resources Required

None at this time with this proposed annexation area.

ii. Costs

None at this time with this proposed annexation area.

b. On-going maintenance

i. Staffing and Resources Required

Adequate staffing and resources on hand at this time with this proposed annexation area.

ii. Costs

Adequate staffing and resources on hand at this time with this proposed annexation area.

c. Capital investments (to be included in the City's Capital Improvement Process)

i. Description and Costs

None at this time with this proposed annexation area.

3. Fire/EMS

Department Statement of Ability to Provide Services to the Annexation Area

The Atlanta Fire Rescue Department (AFRD) currently has the ability to provide an All Hazard response to the annexed area of **Loch Lomond Estates**. AFRD would respond to the proposed annexation from primary Fire Station 31 located at 2406 Fairburn Rd, and secondary support stations from Fire Station 9 located at 3501 Martin Luther King Drive, Fire Station 25 located at 2349 Benjamin E. Mays Drive, and Fire Station 5 located at 2825 Campbellton Road. AFRD Assessment and Planning Section has completed a travel time analysis to the proposed annexed area using a three (3) year city wide baseline travel time response of 6 minutes and 18

seconds which is the city wide baseline on any call within the city from the primary fire station. The analysis revealed that AFRD will be able to respond to 38% of the annexation within the 6 minute and 18 second baseline. To respond to the remaining 62% within the AFRD baseline, it is the recommendation that the city will need to erect a new fire station west of I-285 on Campbellton road near the intersections of New Hope and Boat Rock Road.

Description of Services to be Provided

The Atlanta Fire Rescue Department provides a number of prevention and response services for the city of Atlanta public. This includes the following:

- **Fire Suppression**
- **Emergency Medical Services**
 - Basic Life Support (BLS)
 - Advanced Life Support (ALS)
 - ALS Engines
 - Quick Intervention Crew (QIC) Units
 - Tactical Medic Team
 - Mobile Medic Response Team (EMS bike team)

- **Special Operations**
 - Hazardous Materials
 - Technical Rescue
 - Swift Water
 - Dive team
 - Structural Collapse
 - Low/High Rope Rescue
 - Confined Space
 - Trench Rescue

- **Community Risk Reduction**
 - Fire Inspections
 - Fire Investigations
 - Fire Education
 - Atlanta Community Emergency Response Team (ACERT)
 - Citizens Fire Academy
 - Community CPR

- **Support Services**
 - Chaplaincy
 - Smart 911
 - Senior Link

Operational Requirements

The Atlanta Fire Rescue Department is recommending two (2) operational changes with the annexation of proposed areas. The first is to upgrade the level of emergency medical services of engine 31 from a basic life

support (BLS) apparatus to an advanced life support (ALS) apparatus to increase the level of service and response time to the proposed area for ALS service and to reduce the impact on other areas of the city. This would better serve the citizens with a better distribution of resources. The second recommendation is to add a new fire station in the newly annexed area to increase the standard of service and total response time to the proposed annexation and increase total response time to other areas within the current city limits of Atlanta.

- **Up-front investment required to be operational**

- Increase level of emergency medical services of Engine 31 from basic life support (BLS) apparatus to an advanced life support (ALS) unit.
 - Total \$75,000
 - \$40,000 increase in reclassification of 6 firefighter positions into paid paramedic positions 6 paramedic position
 - \$35,000 equipment- Life pack 15
 - \$10,000 in supplies and equipment upgrades for ALS unit

- **On-going maintenance**

- Budgetary impact of continuous funding for new re-classed positions of \$40,000 per year
- Supplies and equipment replacement each year \$10,000

- **Capital investments (to be included in the City’s Capital Improvement Process)**

- Description- New fire Station with two (2) apparatus and hiring 30 new employees
 - Estimated: \$10,927,076

Travel Time Calculations for Considered Annex Area Loch Lomond Estates

Current Baseline Travel Time Coverage	Atlanta, Sandtown	Lock Lomond	South Oaks at Casade	
# of road miles within proposed annex area	13.5	4.8	0.48	18.8
# of road miles covered within proposed area using 3 yrs. baseline travel time of 6:18	7.9	1.8	0.48	
% of road miles covered within the proposed area using 3 yrs. baseline travel time of 6:18	58%	38%	100%	
TOTAL # road miles AFRD baseline travel time 6 min 18 sec from FS 5, 9, 25, & 31				778
# of the total miles covered in the aggregate of the proposed areas				18.8
% of the total miles covered in the aggregate of the proposed areas				2%

5205 Campbelton Rd., SW Baseline Travel Time	Atlanta, Sandtown	Lock Lomond	South Oaks at Casade	
# of road miles within proposed annex area	13.5	4.8	0.48	18.8
# of road miles covered within proposed area using 3 yrs. baseline travel time of 6:18	13.5	4.8	0	
% of road miles covered within the proposed area using 3 yrs. baseline travel time of 6:18	100%	100%	0%	
TOTAL # road miles AFRD baseline travel time 6 min 18 sec from 5205 Campbelton Rd., SW				145
# of the total miles covered in the aggregate of the proposed areas				18.8

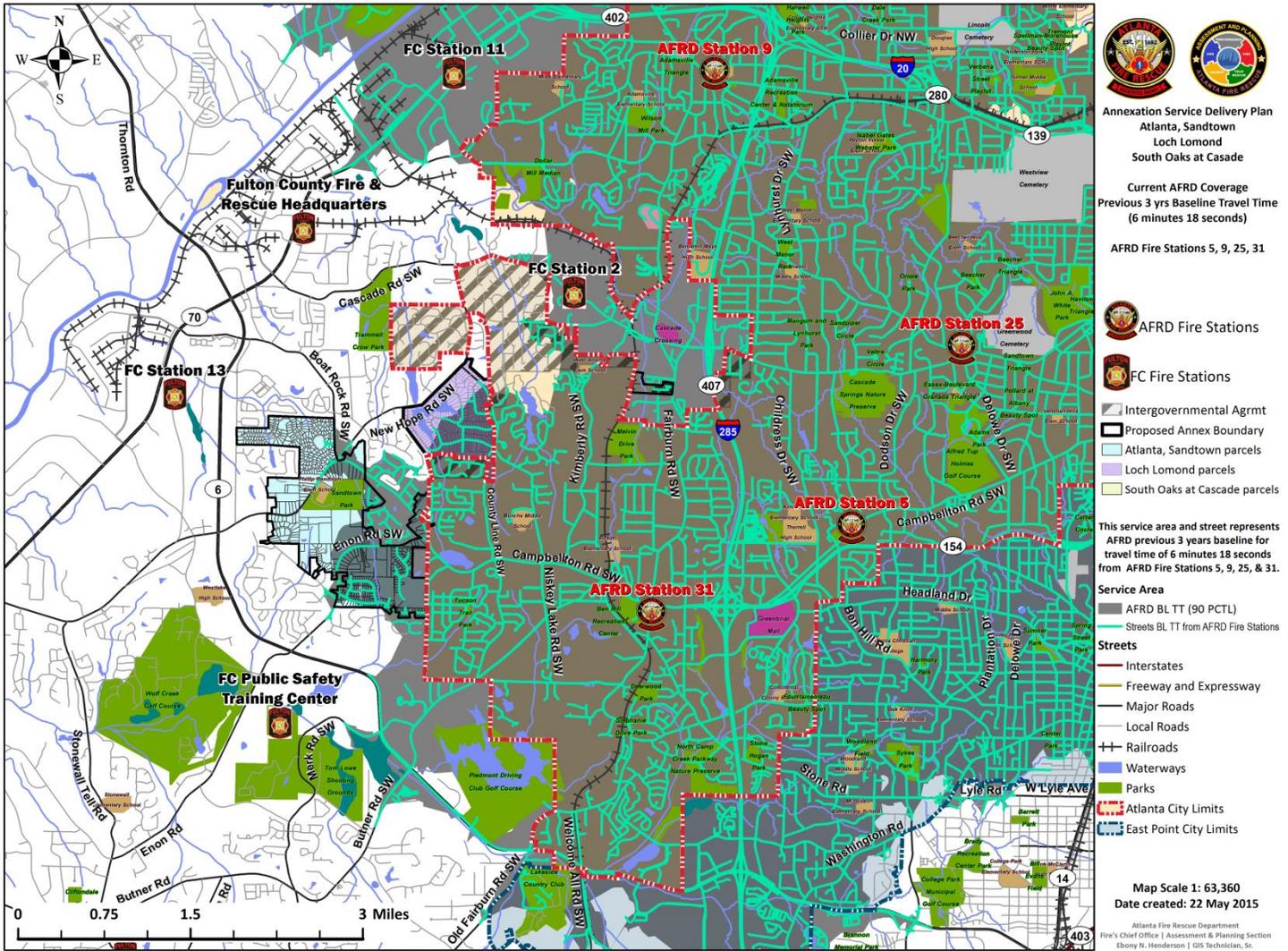
% of the total miles covered in the aggregate of the proposed areas	13%
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Travel Time to cover 100% of Area	Atlanta, Sandtown	Lock Lomond	South Oaks at Casade	
# of road miles within proposed annex area	13.5	4.8	0.48	18.8
Travel Time to cover 100% of area	10:00	7:45	5:09	
% of road miles covered within the proposed area using 3 yrs. baseline travel time of 6:18	100%	100%	100%	

Aspired Benchmark (5:09) from AFRD FS's 5,9,25,31 & 5205 Campbelton Rd. SW	Atlanta, Sandtown	Lock Lomond	South Oaks at Casade	
# of road miles within proposed annex area	13.5	4.8	0.5	18.8
# of road miles covered within proposed area using benchmark travel time of 5:09	13.5	4.8	0.5	
% of road miles covered within the proposed area using benchmark travel time of 5:09	100%	100%	100%	
TOTAL # road miles AFRDbenchmark travel time 5 min 9 sec from AFRD's FS 5, 9, 25, 31 & 5205 Campbelton Rd., SW				603
# of the total miles covered in the aggregate of the proposed areas				18.8
% of the total miles covered in the aggregate of the proposed areas				3%

NOTE: All distances are approximate.

Map 3.A.: Loch Lomond Estates Fire Response Area



THIS MAP IS FOR PUBLIC USAGE. Purpose: To geographically display AFRD's Service Delivery Plan for proposed annexation areas of Atlanta, Sandtown, Loch Lomond, and South Oaks at Cascade and its community stakeholders. The followings are list of data sources for map production: Environmental Systems Research Institute. ArcGIS, Version 10.1, Redlands, CA (Service Area Analysis, Landmarks, Streets). Fulton County GIS Information Systems, Atlanta, GA (Streets). City of Atlanta Department of Planning & Community Development (City Limit, Annexations). Department of Parks & Recreation, Atlanta, GA (Parks). Atlanta Fire Rescue Department Assessment & Planning Section, Atlanta, GA (Fire Stations). Atlanta Regional Commission-Research & Analytics Division, Atlanta, GA (Fire Stations, City Limit, Waterways, Railroads).

4. Sanitation

The Department of Public Works (DPW) has confirmed that it could immediately provide solid waste management and street and sidewalk maintenance services to the area under review for annexation, known as **Loch Lomond Estates**.

Solid Waste Services has reviewed the information regarding the proposed area. They would receive the same level of service as all other areas within the City of Atlanta and would be assessed the same fees, which covers the cost of providing solid waste services to the areas. Annual residential collection rates per home are \$307.19 Base Rate, \$88 for recycling and \$0.94 per foot of paved street frontage and, to cover rubbish collection costs for unpaved frontage. Specific services include:

- Weekly curbside solid waste collection of city-provided receptacles
- Weekly backyard collection services available to disable and elderly residents at no additional charge and to others for an additional charge of \$962.21 per year
- Weekly curbside recycling collection of city-provided receptacles
- Weekly yard waste collection
- Bulk waste collection the 3rd week per month

- Street sweeping in February, June, and October
- Dead animal removal
- illegal sign removal

The annexations would require the following additional equipment and personnel for solid waste service delivery.

Personnel

QTY	DESCRIPTION	Pay Grade	EXT. COST	*COST
7	Solid Waste Equipment Operator	10	196,190.45	\$ 98,095.23
6	Solid Waste Operator II	13	181,856.24	\$ 90,928.12
5	Solid Waste Operator	12	173,168.84	\$ 86,584.42
2	Environmental Service Worker, Sr	11	149,423.28	\$ 74,711.64
18	Environmental Service Worker	8	569,893.44	\$ 284,946.72
TOTAL			1,270,532.25	\$ 635,266.13

Equipment

QTY	DESCRIPTION	COST	EXT. Cost	*COST
3	Rear loader 25 CY (CNG)	292,478.00	877,434.00	\$ 219,358.50
2	Knuckle Boom	160,201.00	320,402.00	\$ 80,100.50
7	Tandem Dump Truck	146,047.00	1,022,329.00	\$ 255,582.25
4	Street Sweeper	194,306.00	777,224.00	\$ 194,306.00
2	Rear loader 6 Yd (Mini)	138,031.00	276,062.00	\$ 69,015.50
TOTAL			3,273,451.00	\$ 818,362.75

Operating Cost

DESCRIPTION	EXT. COST
Uniforms and PPEs	\$ 266,923.70
Repair/Maintenance & Fuel	\$ 297,000.00
Supplies (weed eaters, blowers, etc)	\$ 60,992.00
Recycling/Garbage Bins	\$ 68,520.67
TOTAL	\$ 693,436.37

**Cost based on one day per week service utilizing existing FTE's, equipment and overtime*

GRAND TOTAL FOR SOLID WASTE SERVICES	\$ 2,147,065.25
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5. Traffic Operations

The Office of Transportation within DPW has completed a survey of the street conditions, signage, sidewalks and signal operations of the Loch Lomond area.

Street Maintenance

The construction and maintenance of streets in the study area can be satisfied using existing staff. We will, however, need additional maintenance dollars in the future in our annual budget to address the increased maintenance activity related to potholes, street resurfacing, curbing, manhole and water valve adjustments.

Signage

A combination of arterial and collector streets yields 14 intersection street name signs in need of replacement to bring the intersections up to City standards.

Striping

The main arterial and collector streets will require routine striping for maintenance and bike lanes.

Sidewalk Maintenance/Installation

The estimated linear footage of the major arterials is 5,440 linear feet of roadway. There are no existing sidewalks on the arterials and local streets. However, the City may be requested to install new sidewalks which will require additional resources.

The addition of the annexed study area will also add to the department's permitting responsibility.

Traffic signal upgrade and communication

There are no existing traffic signals in the studied areas. However, we identified two (2) intersections that have the potential of being signalized in the future. In addition, communication with Atlanta Traffic Control Center (ATCC) will need to be established to monitor functionality of the signals.

Street Lights

There are 68 street light fixtures in the studied areas. Upgrades will not be necessary at this time. The street lights will be Georgia Power leased lights.

The annexations will require the following for the Office of Transportation:

Location	100 Watts	150 Watts	250 Watts	400 Watts	Post Top 100	Post Top 150	Total Monthly Power Cost	Total Yearly Power Cost
Loch Lomond								
Loch Lomond Trail	11	19					\$368.78	\$4,425.36
Orkney Lane	2	3					\$60.96	\$731.52
New Hope Road			13				\$231.14	\$2,773.68
Lanark Drive	2	1					\$34.16	\$409.92
Tartan Lane	1						\$10.38	\$124.56
Heatherwood Drive	4						\$41.52	\$498.24
Heatherland Drive	3						\$31.14	\$373.68
Heather Court	3						\$31.14	\$373.68
Niskey Lake Drive							\$0.00	\$0.00
Barrington Trace Drive		5		1			\$91.46	\$1,097.52
Total Power Cost	26	28	13	1			\$900.68	\$10,808.16
Total Power Cost for Annexation							\$900.68	\$10,808.16

Contracted Items	
DESCRIPTION	COST
New Overhead Street Name Signs	\$1,000
New Sidewalks on main Streets	\$408,000
New Sidewalks on one side of local streets	\$1,469,175
Future traffic signals	\$300,000
Annual Georgia Power Leased Lights Cost	\$10,808
TOTAL	\$2,188,983

In-House Tasks	
DESCRIPTION	COST
Street Name Sign Replacement not including Overhead Signs	\$1,800
Street Markings	\$4,352
Future Yearly Signal Maintenance Cost (Not to Include fiber Optic Damage Repair)	\$30,000
TOTAL	\$36,152

Personnel				
QTY	DESCRIPTION	GRADE	UNIT COST	TOTAL COST

	TOTAL			\$0
Equipment				
QTY	DESCRIPTION	UNIT COST	TOTAL COST	
	TOTAL			\$0
	GRAND TOTAL - OFFICE OF TRANSPORTATION			\$2,225,135
	GRAND TOTAL - DEPARTMENT OF PUBLIC WORKS			

6. Planning and Community Development

The City of Atlanta Planning and Community Development Department will provide Permitting, Planning and Housing services through the Office of Buildings, Office of Planning and Office of Housing to the annexed area. Land Use and Zoning designations that are comparable to existing Fulton County designations. The City of Atlanta land use and zoning designations comparable to the current Fulton County designations in **Loch Lomond Estates** are shown in the table below. The Loch Lomond neighborhoods will be part of either Neighborhood Planning Unit P or Q.

Loch Lomond Estates Land Use and Zoning				
FC Zoning	Character Area	FC Land use	COA Zoning	COA Land use
R-3	Suburban Neighborhood	Residential 2-3 units	R-3	SFR
CUP	Suburban Neighborhood	Residential 2-3 units	PD-H	SFR

7. Water and Sewer

Department of Watershed Management Statement of Ability to Provide Services to Loch Lomond Estates

Loch Lomond Estates, population 680, is a community located in unincorporated south Fulton County. **Loch Lomond Estates** residents have submitted petitions requesting annexation into the City of Atlanta (COA). The COA currently provides drinking water to **Loch Lomond Estates** residents and Fulton County currently provides sanitary sewer collection services through the wastewater collection system owned by Fulton County.

Wastewater collected in **Loch Lomond Estates** is conveyed by COA trunk lines to the City's Utoy Creek Water Reclamation Center (WRC) for treatment, pursuant to an intergovernmental agreement between the City of Atlanta and Fulton County. Pursuant to a separate inter-governmental agreement between COA and Fulton County, the COA bills Fulton County's sewer customers who are also COA's water customers. Two inter-jurisdictional monitoring stations provide documentation of sewer flows to the Utoy Creek WRC.

Description of Services to be Provided

The COA is prepared to continue to provide potable water to **Loch Lomond Estates** residents for public drinking water and fire protection services, as shown in Figure 1. The water supply lines and fire hydrants, which are owned and maintained by DMW, are in good condition and adequate in-line pressures are being maintained. The water service currently provided by the COA will remain unchanged.

The sewer conveyance to the City's sewer trunk lines for transport to the Utoy Creek WRC is provided by the existing 10-inch County Line Outfall shown in Figure 2. The County Line Outfall flows to the South Utoy Creek Relief Trunk and then to the Utoy Creek WRC. These sewer lines and the Utoy Creek WRF have adequate capacity to continue to serve **Loch Lomond Estates**. However, Fulton County owns and operates the sanitary sewage collection infrastructure within the **Loch Lomond Estates** Community. The sewer collection service currently provided by Fulton County will remain unchanged.

- **Operational Requirements**

- **Upfront investment required to be operational**

- If annexation proceeds, no additional staffing resources are required to continue the same level of service for both drinking water (by the COA), sanitary sewage collection (by Fulton County), and wastewater conveyance and treatment (COA).
- The annual revenues from water billings are expected to remain unchanged with the annexation of **Loch Lomond Estates**.

- **On-going maintenance**

- The drinking water distribution system in this area is owned by the City of Atlanta and no additional level of effort is anticipated to be necessary beyond existing operation and maintenance programs already in place.
- The City of Atlanta would not take on any responsibilities for management, operation, and/or maintenance of the Fulton County wastewater collection system that serves **Loch Lomond Estates** property of Fulton County.
- There are no increased costs anticipated at this time.

- **Capital investments (to be included in the City's Capital Improvement Process)**

- Capital improvement project (CIP) funding for drinking water distribution in the **Loch Lomond Estates** area will remain unchanged.
- Capital improvement project (CIP) funding for wastewater collection assets in the **Loch Lomond Estates** area will remain the responsibility of Fulton County.
- Downstream wastewater interceptor and treatment assets receiving wastewater flows from Fulton County, but which are currently owned by the City, will remain under City ownership. DWM will maintain responsibility for assets currently owned by the City.

Figure 1

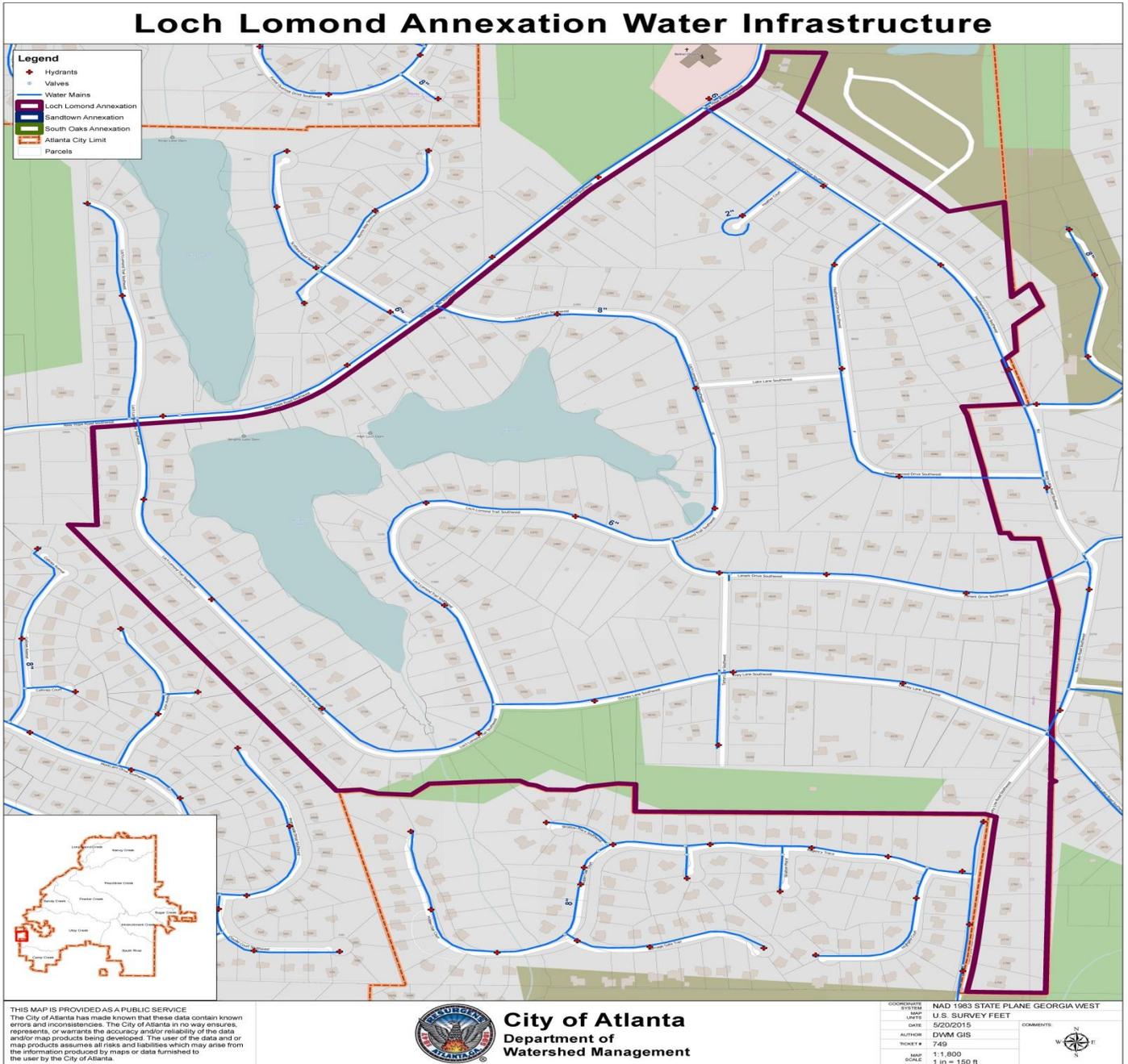
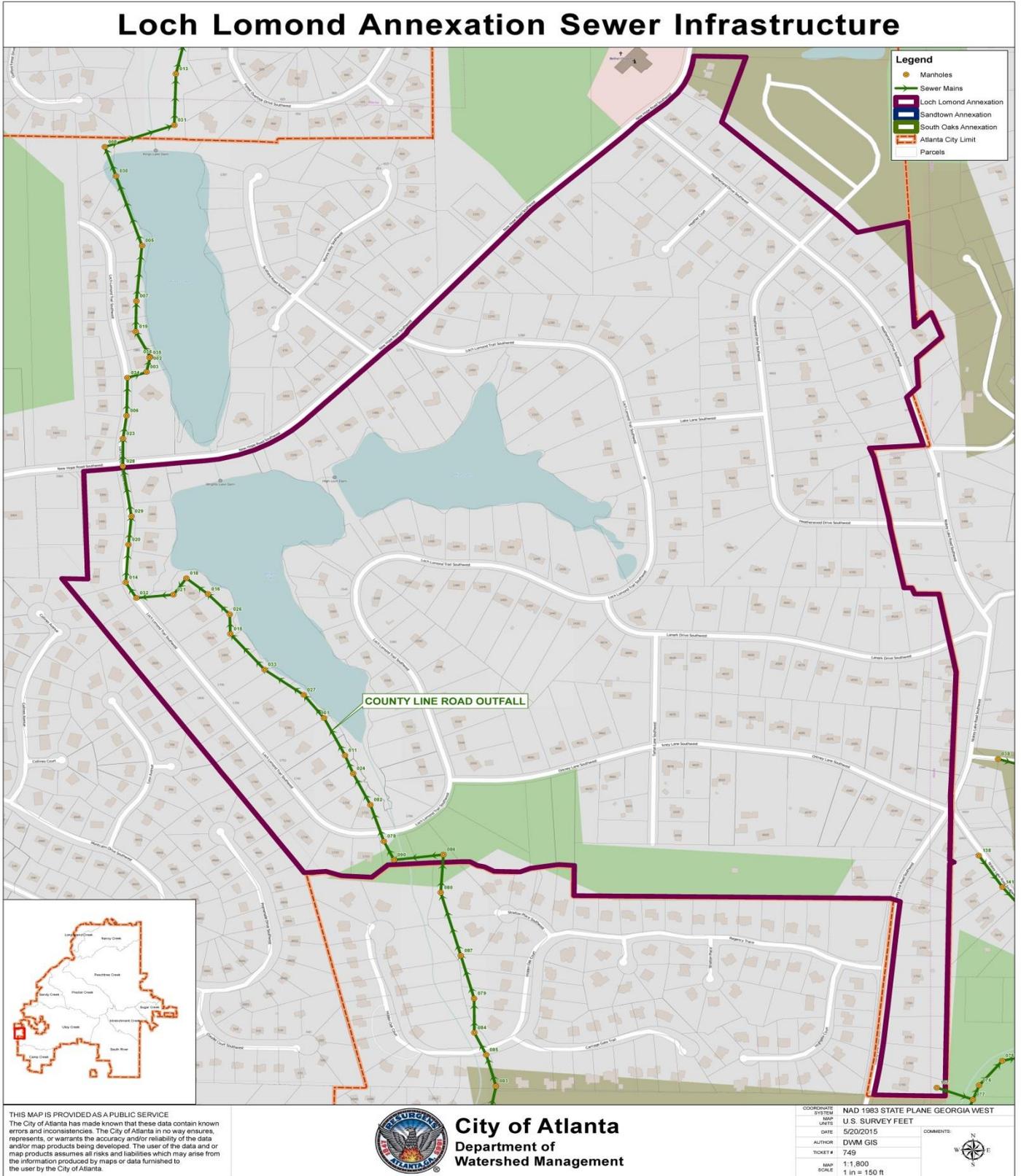


Figure 2



8. Forestry

Forestry/Arborist Services – The City of Atlanta’s Office of Parks will provide **Loch Lomond Estates** with the maintenance and removal of existing trees on parkland and trees that existing in the public right-of way. The Office of Parks will also remove trees that are obstructing the right-of-way (not on private property). The Office of Parks will provide these services with existing Arborist and Forestry resources, which include 2 arborists, 3 tree removal crews, a pruning crew and a stump grinding crew. Emergency services are available 24 hours a day, 7 days a week.