



THE SUNRISE CITY
FORT PIERCE
ENGINEERING
DEPARTMENT

Florida

To : Rebecca Grohall, Planning Director

FROM : John R. Andrews, P.E., City Engineer

RE : Target Annexation Areas: Zone 1A, Zone 1B, Zone 3

DATE : August 3, 2017

This department has reviewed the impact on the level of service that the above proposed annexation target areas will have in regards to the transportation and stormwater elements of the city and offer the following comments:

Annexation Target Zone 1A

- Streets – 8 miles – A mixture of paved, millings and dirt roads are present in this section. St. Lucie County has been improving streets in this area as funding becomes available.

Type of Surface	Mileage	Condition	Expected Life (Yrs.)	Repair Cost	Notes
Paved	4.1	Fair	10-15	\$1,688,544	Resurfacing cost includes 20% inflation
	0.4	Poor	5	\$137,300	Paving only; does not include drainage improvements
Millings	3.3		3-7	\$2,516,000	Estimate includes total reconstruction
Dirt	0.2		0-5	\$152,500	Includes drainage improvements

- Drainage – St. Lucie County continues to make drainage improvements in conjunction with the roadway paving. Stormwater retention areas have been constructed and others are planned as construction continues. Upon annexation the city will absorb maintenance responsibilities for the stormwater facilities. This maintenance cost is estimated at \$45,000 per year.
- SMU Fees – The estimated fees that will be collected for the Stormwater Management Utility (SMU) for this proposed annexation total \$16,600 annually.

Annexation Target Zone 1B

- Streets – 8.4 miles – All streets within this section are paved and in fair condition. Nearly half of the streets have existing curb and gutter and the remainder functions with a mixture of roadside swales and surface runoff.

Type of Surface	Mileage	Condition	Expected Life (Yrs.)	Repair Cost	Notes
Paved	8.4	Fair	10-15	\$3,459,456	Resurfacing cost includes 20% inflation

- Drainage – No drainage problems are evident in this section. Normal replacement of infrastructure is expected.
- SMU Fees – The estimated fees that will be collected for the Stormwater Management Utility (SMU) for this proposed annexation total \$43,200 annually.

Annexation Target Zone 3

- Streets – 14.4 miles – A mixture of paved, millings and dirt roads are present in this section.

Type of Surface	Mileage	Condition	Expected Life (Yrs.)	Repair Cost	Notes
Paved	0.3	Good	15-20		
	7.1	Fair	10-15	\$2,924,100	Resurfacing cost includes 20% inflation
	1.6	Poor	5	\$549,120	Paving only; does not include drainage improvements
Millings	3.5		3-7	\$2,668,400	Estimate includes total reconstruction
Dirt	1.9		0-5	\$1,448,560	Includes drainage improvements

- Drainage – This proposed annexation area is a blend of proposed single family housing developments and older existing residential neighborhoods. The planned developments will be required to meet all regulations of stormwater treatment at time of the development. The existing residential areas do have existing drainage problems and treatment measures would be needed.
- SMU Fees – The estimated fees that will be collected for the Stormwater Management Utility (SMU) for this proposed annexation total \$76,500 annually.

Streets and Drainage

Annexation proposal

Zone1A, 1B and Zone 3

Crew:

- **Equipment Operator III (1)**
- **Maintenance Repair Worker (1)**
- **Maintenance Worker (1)**

Equipment:

- **F250 pickup truck \$40,000.00**
 - **F650 XL Super Duty flatbed crew cab \$80,000.00**
 - **Small Equipment and Tools \$2,000.00**
- Total \$122,000.00**

Increase all budget lines by 10 percent to cover fuel, repairs and maintenance requirements.

SOLID WASTE DIVISION
ANNEXATION PROPOSAL
ZONE 1A, 1B AND ZONE 3

Sanitation Driver:

Automated Side Loader 2

Grapple Truck 2

Recycle Truck 2

Equipment:

Automated Side Loader 2 \$520,000.00

Grapple Truck with Side Hopper 2 \$380,000.00

1248 Green Carts \$63,972.64

1248 Black Carts \$63,972.64

1248 Recycle Carts \$63,972.64

TOTAL **\$1,091,917.92**

10% Increase Landfill Fees

10% Increase Fuel Costs

**Parks and Grounds
Annexation Proposal
Zone 1A, 1B, and Zone 3**

Crew:

- Foreman I (1)
- Maintenance Worker (3)
- Equipment Operator III (1)

Equipment:

• F-250 Quad cab pick-up truck	\$ 40,000.00
• Large Utility Trailer	\$ 5,000.00
• 2 Dixie Choppers	\$ 20,000.00
• Large bat wing mower and tractor	\$110,000.00
• Small equipment	<u>\$ 2,000.00</u>
Total	\$177,000.00

Increase all budget lines by 10 percent to cover fuel, repairs and maintenance requirements.



Follow-Up: Important: Proposed Annexation Information

Frank Amandro

to:

Rebecca Grohall

08/08/2017 02:26 PM

Cc:

Diane Hobley-Burney, Kenny Norris , Charles Courtoy, Rosetta Smith

Hide Details

From: Frank Amandro <amandro@fppd.org>

To: Rebecca Grohall <rgrohall@city-ftpierce.com>

Cc: Diane Hobley-Burney <dhobley-burney@fppd.org>, Kenny Norris <knorris@fppd.org>, Charles Courtoy <ccourtoy@fppd.org>, Rosetta Smith <rsmith@fppd.org>

Good afternoon Rebecca,

I just wanted to follow-up on my last sentence of my previous email; "*Further analysis is needed for providing additional police services.*" In speaking with Deputy Chief Norris, we need to ensure that we evaluate the need for additional resources and manpower as we study the impact of annexing these parcels Zone 1A, Zone 1B, and Zone 3 such as the need for Criminal Investigation Division (CID) Detectives (persons, property, and major crime/homicide detectives), Crime Suppression Unit (CSU) Detectives (our undercover and narcotics detectives) and Administrative Staff (Records Specialists). I am trying to ascertain the current workload allocations from the Sheriff's Office for Sheraton Plaza and Zone 3 as these areas pertain to CID and CSU.

I would be remiss if I didn't point out that the City has expanded its jurisdictional boundaries and population over the past decade or so; approximately five (5) square miles and a population of approximately 5,000. All this was added without real consideration on the impact on the police departments ability and capability to provide police services to these annexed areas and how it impacts our existing staffing and resources. So, it is imperative that we look beyond just providing the basic police services and incorporate CID, CSU, and Crime Prevention, and our administrative staff as well when evaluating the manpower and resources these three new zones need.

If you have any additional questions or concerns, please contact me. Thank you.

Frank J. Amandro | Deputy Chief, District 2 | City of Fort Pierce

Police Department

Phone: 772.467.6807 • Cell: 772.370.0095 • 920 South U.S. Highway 1 • Fort Pierce • 34950

[Website](#) | [Facebook](#) | [Twitter](#)



Confidentiality Notice: This e-mail is for the sole use of the intended recipient(s). Unauthorized review, use disclosure or distribution is prohibited. E-mail messages and addresses may be subject to public disclosure in accordance with Florida public records law.

From: Frank Amandro

Sent: Monday, August 07, 2017 4:43 PM

To: Rebecca Grohall <rgrohall@city-ftpierce.com>

Cc: Diane Hogley-Burney (dhogley-burney@fppd.org) <dhogley-burney@fppd.org>; Kenny Norris (knorris@fppd.org) <knorris@fppd.org>; Steve Courtoy (ccourtoy@fppd.org) <ccourtoy@fppd.org>; Rose Smith (rsmith@fppd.org) <rsmith@fppd.org>

Subject: Important: Proposed Annexation Information

Good afternoon Rebecca,

As requested, the police department looked at the Calls for Service for the three (3) proposed annexations; Zone 1A, Zone 1B, and Zone 3. Attached you will find the report prepared by our Crime Analyst Unit that breakdowns the Calls for Service for each zone: Zone 1A, Zone 1B, and Zone 3. Adding these proposed annexations to the City would increase the Calls for Service by an estimated 2,500 calls annually. While 2,500 Calls of Service does not seem like a lot, the police department does not look at just Calls for Service alone. The police department also looks at the geographical boundaries, response times, size of each zone, shift strength and the demographics of each zone i.e., residential verses commercial or the combination/make thereof.

- Zone 1 A otherwise known as Paradise Park, already has an officer patrolling the City owned property within those geographical boundaries. We call this area Zone 150. It would appear that most of this property in the proposed annexation is empty lots; therefore, the impact is not that significant but will still require additional patrol and crime prevention services.
- Zone 1 B otherwise known as Sheraton Plaza, is adjacent to the north side of Zone 110. It should be noted that Zone 210 is one of the busiest zones in our Lincoln Park Community. The geographical boundaries of Sheraton Plaza prevents it from just being added to Zone 110 or Zone 120 or even split between the two zones. Adding Sheraton Plaza will require significant police services given the size of the proposed zone, calls for service, and crime prevention services needed in this area. It is our recommendation to add Sheraton Plaza as a new Zone. Adding one zone requires adding a minimum of four (4) officers. The police department's current patrol schedule consists of four (4) separate rotations: (two nights shifts and two day shifts because of our work schedule/week: three/four, four/three schedule).
- Zone 3 is adjacent to the north side of Zone 210 and the west side of Zone 220. Zone 210 is our Okeechobee Road corridor; heavy saturation of commercial properties and

residential communities with two main north/south axis points to the City: I-95 and the Florida Turnpike. Zone 210 is quickly becoming, if not already too large for just one officer. Zone 220 is comprised of both residential and commercial property: south of Orange Avenue to Nebraska Avenue and from South 13th Street to the western limits of the City. If annexed, neither the Zone 210 or 220 officers could these additional calls for service or adequately patrol this proposed area. Zone 3 will require significant police services given the size of the proposed zone, calls for service, and crime prevention services needed in this area. It is our recommendation to add Zone 3 as a new Zone. As stated, adding one zone requires adding a minimum of four (4) officers.

In summary, if the City annexes the properties as proposed, the police department will need to increase its current staffing levels by a minimum of eight (8) officers; two (2) per shift to provide the basic police services in those areas. Further analysis is needed for providing additional police services.

Frank J. Amandro | Deputy Chief, District 2 | City of Fort Pierce

Police Department

Phone: 772.467.6807 • Cell: 772.370.0095 • 920 South U.S. Highway 1 • Fort Pierce • 34950

[Website](#) | [Facebook](#) | [Twitter](#)

Confidentiality Notice: This e-mail is for the sole use of the intended recipient(s). Unauthorized review, use disclosure or distribution is prohibited. E-mail messages and addresses may be subject to public disclosure in accordance with Florida public records law.



Proposed Annexation Analysis

Prepared for Deputy Chief Frank Amandro

The following analysis was conducted in response to the recent proposal for annexations in the City of Fort Pierce Zones 1A, 1B, and 3. In order to determine the potential increase in workload for Fort Pierce Police Department, this analyst reviewed the citizen generated calls for service for these areas.

The police department currently responds to an average of 34,487 citizen generated calls for service annually. The proposed annexation will increase the size of three (3) of the departments current zones; 150, 210, and 220. It could also result in the addition of a new patrolling area/zone. The following table indicates the current citizen generated call load per year citywide for the previous four (4) years and the first six months of 2017. It also includes the police department's current call load for the proposed annexation zones.

City of Fort Pierce Calls for Service				
	City Wide	Zone 1A	Zone 1B	Zone 3
2013	33,315	195	0	1,616
2014	31,637	308	0	1,925
2015	35,328	384	0	2,322
2016	37,667	371	0	2,538
2017 (6mos)	19,360	175	0	1,221
Avg Call per Yr	34,487	315	0	2,100

Table 1. Current number of Fort Pierce Police Department citizen generated calls for service for the proposed annexation

Below is a breakdown of the call load in the individual proposed zones. The average time spent on the call represents the time that the first is dispatched to the time the last officer clears the scene. It does not take into account multiple officers at the scene.

Proposed Annexation in Zone 1A

Zone 1A is comprised of the area between Avenue Q (southern border) and Woodward Ave (northern border) and N 25th Street (western border) and extends to the Indian River (eastern border). Annexation of the unincorporated parcels in this area will add approximately 279 additional parcels to the police department's Zone 150 jurisdiction. As shown in Table 1, officers currently respond to

Calls for Service Activity Zone 1A			
	FPPD	Other Jurisdiction	Total # Calls
2013	195	246	441
2014	308	159	467
2015	384	108	492
2016	371	147	518
2017	175	93	268
Avg Call per Yr	315	165	480
<i>Avg Time on Call is approximately 30 minutes</i>			

Table 2 Citizen generated calls for service for Zone 1A

an average of 315 calls for service annually. The annexation will add an average of 165 calls per year making the annual call load for the area approximately 480 citizen calls annually. The average time spent on calls in the area is approximately 30 minutes.

Proposed Annexation in Zone 1B

Zone 1B is comprised of the Sheraton Plaza neighborhood. This area is between Avenue Q (southern border), the canal (northern border), N 41st Street (western border), and N 25th Street (eastern border). Annexation of this area will add a brand new community to the police department's jurisdictional responsibility adding approximately 816 parcels to the police department's jurisdiction. As shown in Table 1, we currently do not provide police services to this area. The annexation will add an average of 1001 calls per year. This will most likely result in the need for another zone in District 1. The average time spent on calls in the area is approximately 30 minutes.

Calls for Service Activity Zone 1B			
	FPPD	Other Jurisdictions	Total # Calls
2013	0	799	799
2014	0	999	999
2015	0	1101	1101
2016	0	1104	1104
2017 (6mos)	0	592	592
Avg Call per Yr	0	1001	1001
<i>Avg Time on Call is approximately 32 minutes</i>			

Table 3 Citizen generated calls for service for Zone 1B

Proposed Annexation in Zone 3

Zone 3 is the area between Okeechobee Road (southern border), Metzger Road (northern border), Jenkins Road (western border), and S 33rd Street (eastern border). Annexation of unincorporated parcels in this area will affect Zones 210 and 220 in District 2 and add approximately 1,294 parcels to the police department's jurisdiction. As shown in Table 1, officers currently respond to an average of 2,100 calls for service annually. The annexation will add an average of 969 calls per year. The average time spent on calls in the area is approximately 43 minutes.

Calls for Service Activity Zone 3			
	FPPD	Other Jurisdictions	Total # Calls
2013	1616	879	2495
2014	1925	1015	2940
2015	2322	947	3269
2016	2538	1036	3574
2017 (6mos)	1221	546	1767
Avg Call per Yr	2100	969	3070
<i>Avg Time on Call is approximately 43 minutes</i>			

In summary, the proposed annexations will add on average approximately 2,000 citizen calls to the city's annual call load and could potentially lead to the creation of a new zone within District 1.