

# ***FIRE PROTECTION SERVICES CITY OF CANTON, GEORGIA***



Glen Cummins - Interim City Manager  
Dean Floyd - Fire Department Chief  
Nathan Ingram - Chief Financial Officer

**City of Canton**  
**Analysis of Additional Costs Required for**  
**Fire Services over Next (10) Fiscal Years**

**Across the Board Assumptions:**

Assumed Percentage increase per year in Digest	3.00%
Percentage increase per year by Cherokee County millage rate	2.15% *
Increase in expenditures due to Inflation	2.40% **
Approximate Digest for FY 2014	\$ 672,445,293

	1st Year	2nd Year	3rd Year	4th Year
<b><u>General M&amp;O Digest</u></b>				
Net M&O Digest (approximate)	\$ 712,792,011	\$ 734,175,771	\$ 756,201,044	\$ 778,887,075
<b><u>Charge to Canton by Cherokee County</u></b>				
Millage Rate charged by Cherokee County	3.373	3.446	3.520	3.595
<b>Net Taxes Levied to pay Cherokee County</b>	\$ 2,404,247	\$ 2,529,617	\$ 2,661,524	\$ 2,800,309
Plus Remaining SPLOST VI 'Fire' Funds	400,000			
Sembler	150,000			
Fire Impact Fees	45,000	46,350	47,741	49,173
Less Credits for Capital Assets Contributed	(172,260)	(172,260)	(172,260)	(172,260)
<b>Net Amount Paid to CC for Fire Services***</b>	<b>\$ 2,826,987</b>	<b>\$ 2,403,707</b>	<b>\$ 2,537,004</b>	<b>\$ 2,677,221</b>

**Costs to Canton to Provide Fire Services**

<b>Operating Costs (Existing 2 Stations)</b>				
Fire Admin	\$ 251,633	\$ 257,672	\$ 263,856	\$ 270,189
Fire Fighting	1,475,924	1,511,346	1,547,618	1,584,761
Fire Buildings	69,649	71,321	73,033	74,786
<b>Total Operating Costs</b>	<b>1,797,206</b>	<b>1,840,339</b>	<b>1,884,507</b>	<b>1,929,736</b>
<b>New Fire Station (9 New Firefighters)</b>				
Fire Fighting	662,000	602,726	617,191	632,004
Fire Buildings	42,800	43,827	44,879	45,956
Capital cost of Fire Station	950,000 <sup>1</sup>	-	-	-
Net Remaining SPLOST VI 'Fire' Funds	(400,000)	-	-	-
<b>Total Costs New Fire Station</b>	<b>1,254,800</b>	<b>646,553</b>	<b>662,070</b>	<b>677,960</b>
<b>Capital Costs - Replacement Station</b>				
Cost of Fire Station	-	-	-	500,000 <sup>2</sup>
SPLOST VII (Projected)	-	-	-	(500,000)
<b>Total Costs New Fire Station</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Other (Sources) Uses of Funds</b>				
Net Fire Impact Fees (to be used on cap equip.)	(45,000)	(46,350)	(47,741)	(49,173)
SPLOST VII (Projected)	-	-	-	-
New Equipment to be Purchased	-	75,000	75,000	75,000
<b>Total Other</b>	<b>(45,000)</b>	<b>28,650</b>	<b>27,260</b>	<b>25,827</b>
<b>Total Cost to Canton to Provide Fire Svcs***</b>	<b>\$ 3,007,006</b>	<b>\$ 2,515,542</b>	<b>\$ 2,573,837</b>	<b>\$ 2,633,523</b>

\* The County instituted a 'County Wide' fire district in 1998. This is the average increase per year the rate has changed over the (15) years.

\*\* Average yearly inflation over the past (15) years as calculated by [www.usinflationcalculator.com](http://www.usinflationcalculator.com); taken from the CPI as published by the Bureau of Labor Statistics.

\*\*\* Fire Prevention (i.e. Marshal & Inspection) costs have been removed since costs would stay with the City

<sup>1</sup> New fire station located on or near Highway 140 North of the City (Laurel Canyon/Great Sky Area)

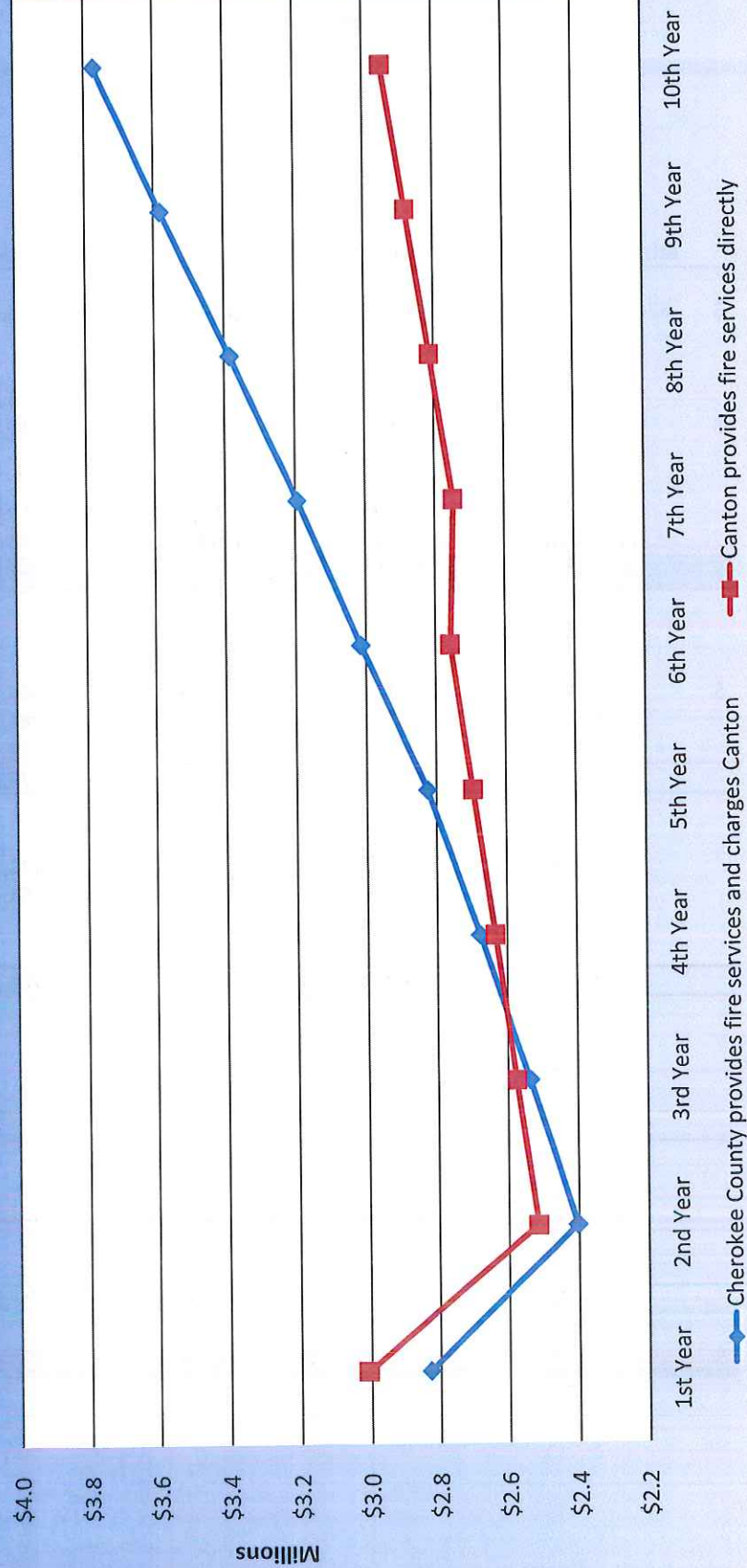
<sup>2</sup> New fire station located near the Canton Marketplace Area

**City of Canton**  
**Analysis of Additional Costs Required for**  
**Fire Services over Next (10) Fiscal Years**

5th Year	6th Year	7th Year	8th Year	9th Year	10th Year
\$ 802,253,688	\$ 826,321,298	\$ 851,110,937	\$ 876,644,265	\$ 902,943,593	\$ 930,031,901
3,673	3,752	3,832	3,915	3,999	4,085
\$ 2,946,331	\$ 3,099,968	\$ 3,261,615	\$ 3,431,692	\$ 3,610,638	\$ 3,798,915
50,648	52,167	53,732	55,344	57,005	58,715
(172,260)	(137,808)	(120,582)	(103,356)	(86,130)	(86,130)
<b>\$ 2,824,719</b>	<b>\$ 3,014,327</b>	<b>\$ 3,194,766</b>	<b>\$ 3,383,680</b>	<b>\$ 3,581,512</b>	<b>\$ 3,771,499</b>
\$ 276,674	\$ 283,314	\$ 290,114	\$ 297,077	\$ 304,207	\$ 311,508
1,622,795	1,661,742	1,701,624	1,742,463	1,784,282	1,827,105
76,581	78,419	80,301	82,228	84,201	86,222
<u>1,976,050</u>	<u>2,023,475</u>	<u>2,072,039</u>	<u>2,121,768</u>	<u>2,172,690</u>	<u>2,224,835</u>
647,172	662,704	678,609	694,896	711,574	728,652
47,059	48,188	49,345	50,529	51,742	52,984
-	-	-	-	-	-
-	-	-	-	-	-
<u>694,231</u>	<u>710,892</u>	<u>727,954</u>	<u>745,425</u>	<u>763,316</u>	<u>781,636</u>
500,000 <sup>2</sup>	-	-	-	-	-
(500,000)	-	-	-	-	-
<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
(50,648)	(52,167)	(53,732)	(55,344)	(57,005)	(58,715)
-	(350,000)	-	-	-	-
75,000	425,000	-	-	-	-
<u>24,352</u>	<u>22,833</u>	<u>(53,732)</u>	<u>(55,344)</u>	<u>(57,005)</u>	<u>(58,715)</u>
<b>\$ 2,694,633</b>	<b>\$ 2,757,200</b>	<b>\$ 2,746,261</b>	<b>\$ 2,811,849</b>	<b>\$ 2,879,001</b>	<b>\$ 2,947,756</b>



## Cost to Provide Fire Services



# Justification for Retention of Fire Department by The City of Canton

1. Ability to construct fire stations in optimal locations which will provide the best overall response and service to the emergency needs of our citizens.
2. The City would have the ability to manage resources where they are needed, when they are needed, and how they are needed when city-wide emergencies arise. City Fire Department oversees all FCC and communication requirements for the city.
3. Direct budgetary control for cost of services. Not dependent upon uncontrollable cost factors of a third party.
4. Actual cost of services over a relatively short period of time lower than consolidation with Cherokee County.
5. Being a small department the ability to provide more personalized services.
6. Ability to use Fire Department equipment and personnel for other needs in addition to emergency services.
7. The City has the ability to determine the level of service to provide to its citizens. Without direct management of the fire department, service level would not be determined by the City residents.
8. Ability of maintaining experience level of personnel, through direct responsibility for scheduling and planning.
9. Current personnel have a sense of ownership and loyalty to the City of Canton.
10. Transition of personnel to another agency would be complex and highly likely to cause morale issues.
11. Ability to manage and control community educational and preventative needs

**City of Canton, Georgia**  
**Fire Department Statistics/Demographics**

Fiscal Year 2013 Statistics & Operating Indicators

Fire Stations	2
Pumper Trucks	4
Ladder Truck	1
Platform Truck	1
Firefighting Personnel	21
Fire Administration Personnel	5
Emergency Responses	2,830
- Approximately 65% are Medical/BLS Calls	
Fires Extinguished	85

Emergency Response Volume per Fire Station

Downtown Station	1,811
South Station	1,019
Cherokee County Station #9 (Pea Ridge)	700-1000

Estimated Emergency Response Volume per Fire Station

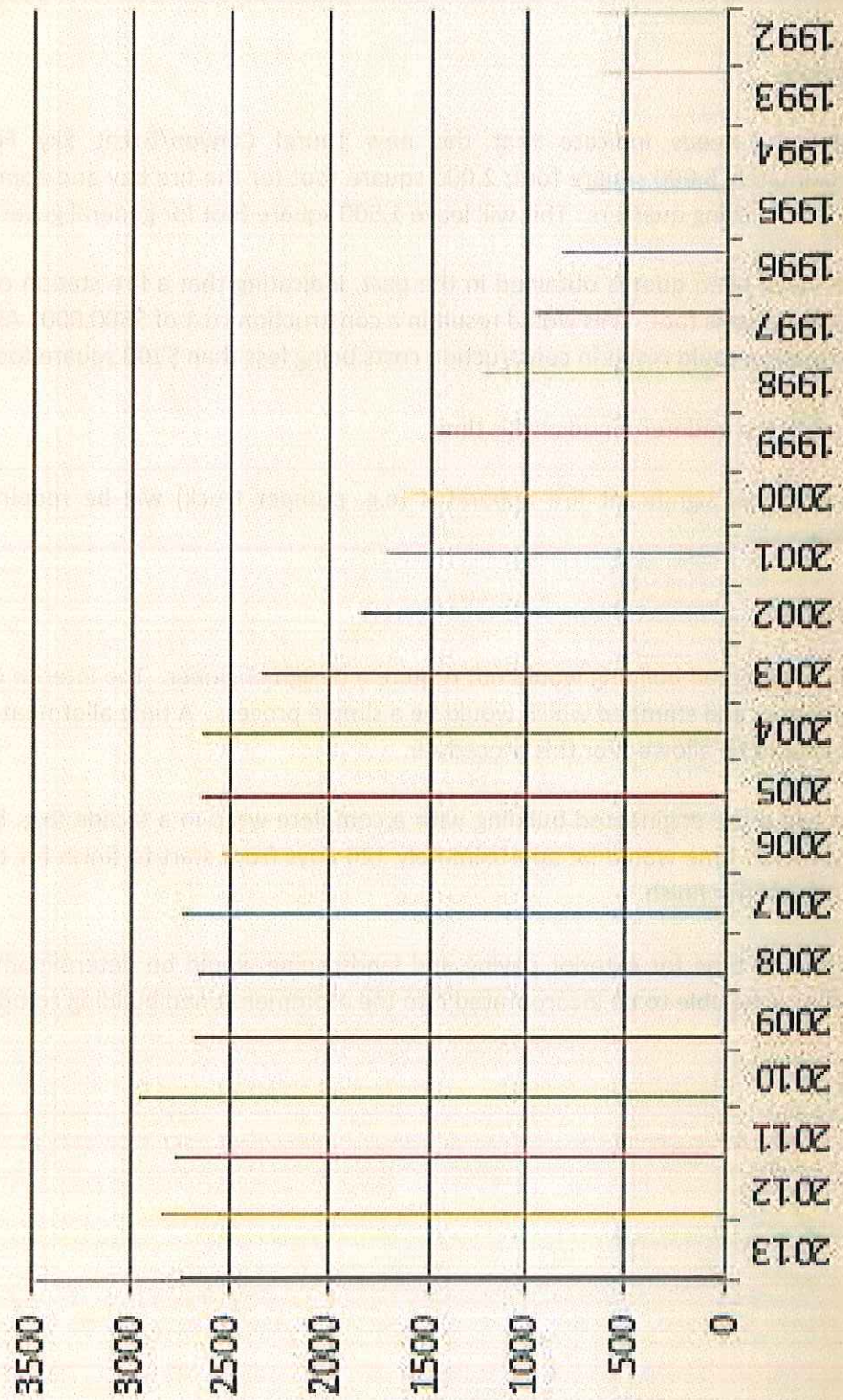
Downtown Station (i.e. East Canton near Canton Marketplace/Brown Ind.)	1,200
South Station	1,000
Laurel Canyon/Great Sky Fire Station	1,200

**Conclusions**

- The response district for the City and Cherokee County Station #9 overlap significantly.
- Assuming the Laurel Canyon/Great Sky Station along with the alternate East Canton Station, the City Fire Services will be within a 1 mile radius of 30% of historic response volume, 1.5 miles of 80%, and 2 miles of 95%.
- A new fire station at Laurel Canyon/Great Sky, will not only cover the majority of calls currently being responded to by the Cherokee County Station #9 but will also serve residents and businesses that are currently being serviced by the Downtown Station.



# 1992 Thru 2013 Response Summary



***City of Canton, Georgia***  
***Laurel Canyon/Great Sky Station***

**Rationale**

Preliminary needs indicate that the new Laurel Canyon/Great Sky Fire Station should be approximately 5,000 square foot; 2,000 square foot for the fire bay and approximately 1,500 square foot for the living quarters. This will leave 1,500 square foot for general government use.

There have been quotes obtained in the past, indicating that a fire station could be constructed for \$100 per square foot. This would result in a construction cost of \$500,000. Although, pre-engineered construction could result in construction costs being less than \$100 square foot.

Site costs are undetermined at this time.

No additional significant fire apparatus (e.g. pumper truck) will be required to operate this fire station.

**Time Line**

A pre-engineered building would not require a design engineer. The interior design could be done by an architect and stamped which would be a simple process. A time allotment of not more than 30-45 days should be allowed for this procedure.

If we use a pre-engineered building with a complete wrap in a façade (e.g. brick, stucco, rock, etc.), construction time would be approximately 120 days from start to finish for the building. This would include interior finish.

Completion time for exterior paving and landscaping would be determinant upon site topography, but should be able to be incorporated into the aforementioned building completion time of 120 days.





