

# Fire/Rescue



## Fire Apparatus and Vehicles

The Apparatus Committee of the Wake County Fire Commission is charged with coordinating the purchase and replacement of major fire apparatus

with Fire Tax District revenues. The committee gathers and maintains an inventory of fire apparatus with each department in the replacement program. Annually during the budget process, the committee evaluates the inventory and department requests to update the replacement schedule. In addition, the committee develops base specifications for apparatus purchases to ensure quality fire protection equipment and to benefit from competitive pricing.

Types of large apparatus scheduled for replacement include engines, pumper/tankers, tankers, rescue trucks, service trucks, and brush trucks. Small apparatus include first responder and administrative vehicles. Apparatus not included are aerials, other types of ladder trucks, boats, and specialty vehicles.

### Project Summary: Fire Apparatus and Vehicles

	Prior Funding	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total FY11-17
Professional Services	*	27,000	19,000	20,000	26,000	38,000	19,000	31,000	180,000
Machinery and Equipment	*	1,409,000	1,084,000	737,000	2,155,000	3,051,000	1,212,000	4,615,000	14,263,000
<b>Total Uses</b>	<b>*</b>	<b>1,436,000</b>	<b>1,103,000</b>	<b>757,000</b>	<b>2,181,000</b>	<b>3,089,000</b>	<b>1,231,000</b>	<b>4,646,000</b>	<b>14,443,000</b>
<b>Funding Sources</b>									
Debt to be Authorized	*	680,000	544,000	360,000	1,587,000	1,345,000	799,000	3,882,000	9,197,000
Appropriated Fund Balance	*	259,000	190,000	158,000	338,000	1,630,000	2,000	–	2,577,000
Transfers From Special Districts Fund	*	497,000	369,000	239,000	256,000	114,000	430,000	764,000	2,669,000
<b>Total Sources</b>	<b>*</b>	<b>1,436,000</b>	<b>1,103,000</b>	<b>757,000</b>	<b>2,181,000</b>	<b>3,089,000</b>	<b>1,231,000</b>	<b>4,646,000</b>	<b>14,443,000</b>
CIP Operating Impacts	*	–	–	–	–	–	–	–	–
CIP Operating Impacts - FTE		–	–	–	–	–	–	–	–

\* This routine capital project is funded on an ongoing basis; therefore, prior funding was not estimated.

# Seven (7) Year Capital Summary

## Future Years

	FY 2009 AMENDED	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total FY11-FY17
<b>Sources:</b>										
<b>Taxes</b>										
Tax Revenue (Capital Portion)	3,854,294	3,854,294	3,231,200	3,247,200	3,279,680	3,312,640	3,345,600	3,412,800	3,446,928	23,276,048
Pre-existing Debt Service	(508,480)	(460,480)	(429,928)	(374,125)	(343,982)	(343,982)	(235,136)	(212,971)	(103,610)	(2,043,735)
<b>District Debt Service</b>										
Apparatus, Existing Debt	(709,319)	(1,019,130)	(1,139,601)	(1,139,601)	(1,226,598)	(1,329,260)	(1,329,260)	(961,577)	(1,183,009)	(8,308,905)
Apparatus, New Debt	(309,810)	(120,471)	-	(66,997)	(102,661)	-	(203,015)	(221,433)	(140,136)	(754,242)
Facilities, Existing Debt	-	-	-	(383,961)	(383,961)	(383,961)	(383,961)	(383,961)	(602,883)	(2,138,726)
Facilities, New Debt	-	-	-	(383,961)	-	-	(218,922)	-	-	(602,883)
Subtotal, Taxes	2,326,684	2,254,213	1,661,671	1,282,516	1,222,477	1,255,437	975,307	1,632,859	1,417,290	9,427,558
<b>Apparatus Sales</b>										
Municipal Station Repayment (ILA)	25,968	45,500	9,085	26,500	30,000	6,500	71,500	-	-	143,585
Subtotal, Apparatus Sales	25,968	45,500	9,085	26,500	30,000	30,000	30,000	30,000	30,000	180,000
<b>Municipal Station Repayment (ILA)</b>										
Amount Available for Pay-as-go	2,352,652	2,299,713	1,670,756	1,319,016	1,282,477	1,291,937	1,076,807	1,662,859	1,417,290	9,721,143
<b>Debt Proceeds</b>										
Contingencies and Grant Matches	1,595,361	-	680,000	802,438	-	1,586,832	4,402,128	1,095,355	3,574,548	12,141,302
<b>Total Sources</b>	<b>3,948,014</b>	<b>2,299,713</b>	<b>2,350,756</b>	<b>2,121,454</b>	<b>1,282,477</b>	<b>2,878,770</b>	<b>5,478,935</b>	<b>2,758,214</b>	<b>4,991,838</b>	<b>21,862,445</b>

### Uses:

<b>Apparatus</b>										
Large Apparatus, Debt	1,595,361	-	680,000	802,438	-	1,586,832	1,730,795	1,095,355	3,574,548	9,469,969
Large Apparatus, Cash	744,749	720,000	552,820	157,644	416,345	337,744	281,741	468,423	397,509	2,612,227
Radio, Tax and Tags	30,484	11,343	22,700	19,617	9,718	26,308	21,659	21,556	26,932	150,491
Small Vehicles	86,803	75,009	106,400	199,952	199,952	229,843	135,752	145,492	64,536	979,417
Subtotal, Apparatus	2,457,397	806,352	1,361,920	1,077,144	626,013	2,180,728	2,171,947	1,730,826	4,063,526	13,212,103
<b>Equipment</b>										
800 MHz Radios	-	-	-	258,750	-	624,050	624,050	624,050	-	2,130,900
Defib/TIC Replacement	88,679	175,960	96,441	101,316	65,640	-	129,603	9,501	-	402,501
Pager Infrastructure and Replacement	377,382	280,895	312,169	-	-	-	-	-	-	312,169
Small Capital	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	150,000	1,050,000
Air Bottles	10,000	87,037	128,888	38,729	191,514	102,950	186,071	118,513	91,996	858,661
Turnout Gear Program	234,000	234,000	234,000	234,000	234,000	234,000	234,000	234,000	234,000	1,638,000
Subtotal, Equipment	860,061	927,892	921,499	782,795	641,154	1,111,000	1,323,724	1,136,064	475,996	6,392,231
<b>Facilities</b>										
Facilities Major Repair & Maintenance	-	-	121,000	100,000	100,000	100,000	100,000	100,000	100,000	721,000
Heery Improvements	3,072,954	-	-	-	-	-	-	-	-	-
Land Acquisition	803,250	-	-	-	-	-	-	-	-	-
New/Renovated Stations	-	1,972,000	-	-	-	296,815	2,671,333	-	-	2,968,148
Stony Hill Remediation	68,280	68,280	68,280	68,280	68,280	11,000	45,075	-	-	260,915
Subtotal, Facilities	3,944,484	2,040,280	189,280	168,280	168,280	407,815	2,816,408	100,000	100,000	3,950,063
<b>Other</b>										
Contingencies and Grant Matches	-	-	64,000	-	-	-	-	-	-	64,000
<b>Total Uses</b>	<b>7,261,942</b>	<b>3,774,525</b>	<b>2,536,699</b>	<b>2,028,219</b>	<b>1,435,447</b>	<b>3,699,543</b>	<b>6,312,079</b>	<b>2,966,890</b>	<b>4,639,521</b>	<b>23,618,397</b>

**Capital Debt  
Large Apparatus Financing - Debt Service Schedule**

**NOTE: ALL DEBT SHOWN IN THE TABLE BELOW IS FOR THE YEAR THE DEBT WAS GENERATED.** Actual debt service payments are assumed to start in the year FOLLOWING debt generation. For example an apparatus was ordered and delivered in FY2009. First payment due FY2010.

	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
<b>TOTAL DEBT FINANCING</b>	610,622	1,019,130	1,139,601	1,139,601	1,226,598	1,329,260	1,329,260	1,532,274	1,183,009	1,323,146	1,641,841	1,332,031	1,441,609	#REF!
New Debt Financing	103,886	309,810	240,943	-	86,997	102,661	-	203,015	221,433	140,136	457,317	-	230,049	#REF!
Existing Debt Financing	506,736	709,319	898,658	1,139,601	1,139,601	1,226,598	1,329,260	1,329,260	961,577	1,183,009	1,184,524	1,332,031	1,211,559	1,441,609
<b>Wake County Self-financed (Debt Serv)</b>	472,000	570,698	570,698	570,698	570,698	570,698	570,698	570,698	-	-	-	-	-	-
The Big Batch (\$5.164m at 3.75%)	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736	34,736
Eastern Wake Engine	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886	103,886
<b>2007</b>														
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