

**Town of Franklin  
Capital Improvement Plan  
Fiscal Year 2015**

Department **Fire**

Project #	Asset/Project Name	Funding Priority	Life Expectancy	Annual Operating Expenses	Assets/Project Costs	Needed/not requested
Request #1	Self Contained Breathing Apparatus (SCBA) Replacement	1	10 years	\$ 5,000	\$ 273,000	
Request #2	Cardiac Monitor/Defibrillators	1	5 years	\$ 5,500	\$ 77,000	
Request #3	Automatic External Cardiac Defibrillators	1	10 years	\$ 1,000	\$ 18,000	
Request #4	Traffic Pre-emption Devices	1	years	\$ -		\$ 29,000
Request #5	Rescue Boat	1	10 years	\$ 100.00		\$ 21,000
Request #6	Multiple Casualty Trailer - New Purchase	2	10 years	\$ -		\$ 20,000
Request #7	Paramedic Training Simulators - New Purchase	5	years	\$ -		\$ 30,000
<b>Total Capital Improvement Request</b>					<b>\$ 368,000</b>	<b>\$ 100,000</b>

**Priority Coding**

- 1 - Threat to Citizens or Employees health, safety or property
- 2 - Maintenance - operational necessity
- 3 - Requirement of State or Federal Law or Regulation
- 4 - Improvement of Infrastructure
- 5 - Improved productivity
- 6 - Alleviation of an overtred/overburdened situation

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Request #1	Self Contained Breathing Apparatus (SCBA) Replacement	1 - Threat to	10 years	\$ 5,000.00	\$ 273,000.00
Asset/Project Description					

This year we are requesting the balance of funding to replace the department's cache of (40) self contained breathing apparatus. There was \$ 90,000 set aside in last years CIP to go towards the cost of replacing these units. You may recall we chose to avoid purchase last year due to the new model year of the units. Now that this as been complete, it is prudent to replace the existng unit which are now nearly 12 years in age. Additionally, funds within this amount will provide SCBA units with tracking devices. These devices allows incident commanders to track the (x,y) location of personnel operting on the emergency scene. This is a great advancement in safety which will allow us to more quickly locate firefighters who may become trapped or otherwise incapacitated during operations.



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Request # 2	Cardiac Monitor/Defibrillators	1 - Threat to	5 years	\$ 5,500.00	\$ 77,000

Asset/Project Description These funds have been requested to replace the department's three cardiac monitors/defibrillators used on the ambulances. These sophisticated machines allow paramedics to complete 12-lead EKGs, monitor blood pressure levels, as well as Carbon monoxide, carbon dioxide and oxygen. The current machines are approaching 6 years old and are beginning to display computer processor related issues. Accordingly, it is important to maintain our schedule to replace this integral tool for patient care and monitoring.



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For further information on the emerging issue of dealing with Fire-rescue agencies need for body armor please click onto the following links.

[http://www.nytimes.com/2013/12/08/us/in-mass-attacks-new-advice-lets-medics-rush-in.html?\\_r=1&adxnnl=1&adxnnlx=1387372253-sxPe5d3ZbwJJNO/PBYc4uQ](http://www.nytimes.com/2013/12/08/us/in-mass-attacks-new-advice-lets-medics-rush-in.html?_r=1&adxnnl=1&adxnnlx=1387372253-sxPe5d3ZbwJJNO/PBYc4uQ)

<http://www.dailydispatch.com/StateNews/CA/2013/December/22/Los.Angeles.Fire.Department.dramatically.overhauls.response.to.shootings.aspx>

[http://www.policechiefmagazine.org/magazine/index.cfm?fuseaction=print\\_display&article\\_id=3198&issue\\_id=122013](http://www.policechiefmagazine.org/magazine/index.cfm?fuseaction=print_display&article_id=3198&issue_id=122013)

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Request #3 Asset/Project Description	Automatic External Cardiac Defibrillators [Redacted]	1 - Threat to	10 years	\$ 1,000.00	\$ 18,000

This year funds are requested to replace the department's aging Automatic External Cardiac Defibrillators. These devices are carried on department vehicles (except ambulances) and used prior to the arrival of an ambulance to provide electronic stimulation to the heart for specific cardiac arrhythmias. These devices were last replaced more than a decade ago and have reached their end of life.



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Request # 9	Traffic Pre-emption Devices	1 - Threat to		\$ -	\$ 29,000.00
Asset/Project Description	<p>This year we are requesting funds to provide traffic preemption for the traffic signal at Beaver Street @ 140.</p>				

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Request #10	Rescue Boat	1 - Threat to	10 years	\$ 100.00	\$ 21,000.00
Asset/Project Description					

This funds are needed to replace a severely out dated and ineffective boat used for water rescue. The vehicle we are seeking funding for was designed for water rescue operations to include a forward platform to allow for easy exit and access during water operations and provides an extremely stable platform for water rescue operations. Although we do not have frequent water rescue calls, those we have are typically life threatening and are extremely time sensitive. Thus it is important to maintain apparatus for firefighters to use in water rescue emergencies.

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Request #11	Multiple Casualty Trailer - New Purchase	2 -	10 years	\$ -	\$ 20,000
Asset/Project Description	This year we are requesting funds to purchase a small trailer and to store and carry stockpiled medical equipment for multiple casualty incidents. The need for this type of vehicle was brought to light this year with the crash of the MBTA commuter rail at the Fisher Street Crossing. With the funds requested we anticipate purchasing a 12 foot trailer and fill the trailer with sufficient supplies to manage 200 patients.				

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Request # 12 Asset/Project Description	Paramedic Training Simulators - New Purchase	5 - Improved		\$ -	\$ 30,000.00

We are requesting funds to purchase training simulators to maintain skill levels for the Department's Paramedics. The funds requested will allow for the purchase of one adult simulation and one infant simulation. Both devices are computer driven and capable of simulating various medical scenarios Paramedics will face in the field. Once faced with these scenarios personnel will be required to provide actual treatment protocols and can then be evaluated by our training staff. This type of scenario will prove to be invaluable in maintaining paramedic skill level and is at the forefront of paramedic continuing education.

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Odometer Readings	Year Purchased	Item Description	Replace Cycle	Current	Year 1	Year 2	Year 3	Year 4	Year 5
				2015	2016	2017	2018	2019	2020
	1986	Brush 3	15						
	1995	Engine 3	20			\$ 500,000			
	2000	Engine 4	20						\$ 500,000
	2004	Brush 1	15					\$ 50,000	
	2004	Brush 2	15					\$ 50,000	
	2011	Car 1	10						
	2011	Car 2	10						
	2011	Car 4	10						
<b>Sub total - Fire &amp; Support</b>				\$ -	\$ -	\$ 500,000	\$ -	\$ 100,000	\$ 500,000
	2012	Rescue 1	6				\$ 245,000		
	2009	Rescue 2	6						245,000
	2014	Rescue 3	6		\$ 245,000				
<b>Sub total - EMS</b>				\$ -	\$ 245,000	\$ -	\$ 245,000	\$ -	\$ 245,000
<b>Total Fleet</b>				\$ -	\$ 245,000	\$ 500,000	\$ 245,000	\$ 100,000	\$ 745,000
	2000	Auto Extrication Device - Sta #2	15			\$ 45,000			
	2001	Alarm Transciever	15			\$ 60,000			
	2004	Radio Pagers	12		\$ 25,000				
	2005	Self Contained Breathing Apparatus	10	273,000					
	2007	Copy Machine - HQ	7						
	2008	Radio Compariter	10		\$ 35,000	\$ 35,000	\$ 35,000		
	2008	Fitness Equipment HQ	10				\$ 10,000		
	2010	Cardiac Defibrilator	5	\$ 95,000					
	2013	PPV Fans	10						
	2013	Fitness Equipment STA 2	10						
	2013	Portable Radios	7						\$ 200,000
	2013	Thermal Imaging Camera	6					\$ 30,000	
	2013	External Chest Compressor	5				\$ 25,000		
<b>Total Equipment</b>				\$ 368,000	\$ 60,000	\$ 140,000	\$ 70,000	\$ 30,000	\$ 200,000
<b>Total Requested</b>				\$ 368,000	\$ 305,000	\$ 640,000	\$ 315,000	\$ 130,000	\$ 945,000