



C A P I T A L

I M P R O V E M E N T

P L A N

Fiscal Year 2016

November 2015

INTRODUCTION

The Capital Improvement Program for the fire department is intended to assure timely replacement of capital assets to insure the safest delivery of professional services to the citizens of Franklin. This year the department has requested the replacement of vehicles and equipment totaling

\$ 548,200. This amount also includes funding for the scheduled replacement of a front line ambulance, the completion of funding for the replacement of the department's Self

Contained Breathing Apparatus (SCBA) replacement the department air monitoring devices, and Stair Chairs, as well as continues the incremental replacement program for replacing firefighter protective clothing. The department is also seeking fund for the purchase of state mandated IV pumps and wireless radio headsets needed to improve the hearing safety for firefighters.



For your convenience we have provided a brief definition for each type of asset referenced in the CIP. Further we have included a brief description of the needs for requested funding and the department's methodology for vehicle replacement and rotation.

Thank you for your continued support in aiding the safe and efficient delivery of emergency services to the citizens of Franklin.



Item	Item description
Pumper	Also known as a fire engine is supplied with a water tank of 500 or 750 gallons and a 1250-gallon per minute water pump.
Rehab Unit	This unit is used to bring portable generators to the scene of large incidents. In addition it contains a cascade system, which is used to supply breathing air to provide site service for self contained breathing apparatus at the scene of emergencies. The present vehicle is an old smaller school bus and provides
Aerial	This vehicle provides for access to upper stories of buildings with a 100-foot hydraulic ladder. Additionally, the vehicle carries the majority of the department's heavy tools and supplies to facilitate building ventilation.
Brush fire 4x4	This vehicle is used to wild land fires and is provided with 4-wheel drive to facilitate off-road use. The vehicle is primarily a heavy-duty puck-up style truck with a 150-gallon water tank and small fire pump.
Rescue Ambulance	An ambulance licensed by the Department oh Public Health. All ambulances are licensed at the Advanced Life Support Level and are purchased and maintained in accordance with the requirements of the Commonwealth of Massachusetts.
Staff vehicles	These are basically regular passenger vehicles with enhanced drive train capacities to accommodate emergency response service. Each station and the Deputy Fire Chief is provided with a 4-wheeled drive to facilitate better winter response capabilities. The Fire Chief and fire prevention vehicle are sedan type vehicles.
Pick-up Truck	Standard pickup truck used to transport various equipment and appliances for department business as well as hose and other equipment during fire emergencies.
Copy Machine	Standard office photo-copying machines
Self Contained Breathing Apparatus	Individual appliances used by fire fighters to breath clean air in toxic environments.
Thermal Imaging Cameras	Devices used by fire personnel to identify hidden fire as well as trapped victims in fire conditions.
Building Roofs	Replacement of roofing materials at department facilities.
HVAC Systems	Replacement and major repair of the heating, ventilation and air conditioning system at department buildings.
Alarm Transceiver	The receiving device for the Town's municipal fire alarm system.

Item	Item description
Breathing Air Compressor	The unit used to fill reservoir bottles for the department's self contained breathing apparatus.
Cardiac Defibrillator	Portable electric cardiac devices used for cardiac monitoring and defibrillation by department paramedics.
Computer Technology	The replacement and enhancement of various computer peripheral devices such as monitors, printers, work stations, etc. This also includes the periodic replacement of the computer network hub controller for the department's computer system.
Non Disposable Medical Equipment	Various items used in conjunction with providing Emergency Medical Services (e.g. splints, backboards, stair chairs, etc,) which periodically wear out and require replacement.
Base Station Radio	Radio units at each of the department building that allow for communications with mobile and portable units.
Radio Comparator	This device is an integral part of the department's radio system which acts as a router among the various repeater sites throughout the Town. The comparator electronically selects the strongest repeater site and sends it to the receiver/transmitter device for broadcast throughout the system.
Radio Repeater	This device forms the core of the department's radio system which allows for proper coverage throughout the entire Town. Each of 3 repeater sites tends to boost the radio signal from mobile units for transmission to other mobile units or our base station.
Portable Radios	Hand-held radios used by personnel at emergency incidents.
Radio Pagers	Paging units used to recall off-duty personnel for larger emergency incidents and station coverage.
Station Fixtures and Furnishing	This includes various items such as furnishings, larger pieces of office furniture (e.g. desks, filing systems, etc.)
Miscellaneous Equipment	To identify every piece of equipment within the department would be prohibited. Thus we have created a miscellaneous grouping to provide for infrequent incidental equipment purchases/replacements. Examples of this type of equipment include ground ladders, ventilation fans, hand tools and equipment for testing and maintaining emergency supplies.
Protective Clothing	This category includes both structural firefighting and emergency medical service garments necessary to protect our personnel. The National Fire Protection Association (NFPA) indicates that structural protective clothing should be removed from service when the garments are 10 years of age.

Traffic Pre Emption Devices

This equipment is actually installed in the controllers of the traffic lights throughout the community and intended to allow emergency vehicles to more safely navigate through intersections. Each emergency vehicle is fitted with a transmitter – when within range of the traffic signal, the traffic signal in the direction of the emergency changes to green with all opposing traffic receiving a red signal. This clears the path for emergency vehicles and ensures opposing traffic remains stopped.

REPLACEMENT ROTATION

Over the past several fiscal years the department has developed a vehicle rotation program in an attempt to keep capital costs reasonable and insure citizens and fire fighters have access to the best technology available. Although this rotation strategy is consistent with all fleet vehicles, there are slight variations depending upon the type of vehicle within the fleet. For the sake of clarity, we will address vehicle rotation in terms of Fire attack vehicles, Emergency Medical Vehicles and Staff and Support vehicles. Forest Fire Vehicles are not included in a rotation process as they are retired upon replacement.

FIRE ATTACK VEHICLES

Of this classification of vehicle, the Pumper and (Rescue-Pumper) are the vehicles typically subject to rotation. Within the rotation program are three positions, the first is active duty; the department presently has two active duty pumpers – one at Headquarters and one at Station #2. The goal of the rotation program is to insure that active duty pumpers are not more than 10 years of age, with no pumper more than 20 years old.

The next position within the rotation program is known as an active reserve vehicle. This vehicle is placed into service when one of the active duty vehicles are not available for service due to mechanical problems or used by returning off duty personnel during times of multiple calls or major emergencies and housed at the King Street Fire Station. The goal of the rotation program is to provide one active reserve vehicle ranging in age between 10 and 15 years old.

The last position within the rotation cycle is known as non-active reserve. This vehicle is placed into active service only if multiple vehicles are out of service due to mechanical problems and may be placed into service at major incidents. The key difference between the non-active reserve and active reserve vehicles is the amount of equipment typically stowed on the vehicles. The active reserve vehicle is provided with a full complement of equipment and capable of instantaneous assignment. The non-active reserve vehicle is not as well stocked with equipment and must receive equipment, transferred from another vehicle, before being placed into active duty.

EMERGENCY MEDICAL VEHICLES

The department presently operates three Rescue Ambulances. Each vehicle is licensed through the Commonwealth of Massachusetts Department of Emergency Medical Services. With the present level of staffing, the department currently operates two rescues as active duty units providing daily transport services to the citizens of Franklin, with one unit at each fire station. The last is an active reserve unit, housed at the King Street Station, is placed into service when one of the active duty units is unavailable or placed into service during special events (e.g. 4th of July Celebration, LHS football games, etc.).

In previous years, the department used larger, more expensive ambulance vehicles and maintained a seven year active life cycle for each rescue ambulance. The additional expense of the vehicle did not yield better service readiness nor meet our goal of insuring that active duty ambulances are technologically advanced vehicles maintained in a cost effective manner.

Accordingly, in 2014, the department began purchasing smaller, less expensive ambulances and implemented a program of purchasing replacement ambulances every second year rather than every third year. This has reduced the active duty life cycle from five years to four years as well as reduces the age and previous wear on the active reserve unit which would be available when an active duty vehicle is out of service or at special events. We believe this slight acceleration in the replacement cycle will insure that vehicles enable our personnel to provide quality patient care in a cost effective fashion.

STAFF AND SUPPORT VEHICLES

The department uses staff and support vehicles for various functions including emergency response. Each station has a Ford Expedition which is used to conduct routine operations such as alarm disconnects as well as responding to emergency calls. The department also provides the Deputy Fire Chief and Fire Chief with vehicles to complete their responsibilities. Presently the Deputy Fire Chief is provided with a Ford Explorer, with the Fire Chief provided with a Ford Taurus. The Deputy Fire Chief's vehicle is provided with 4-wheel drive to assist him in safe response to emergencies in all kinds driving conditions. The Fire Chief's vehicle is a sedan vehicle which is commensurate with the administrative functions of his role.

Additionally, the department maintains one vehicle used by the department's fire prevention officer for routine inspections, as well as one pickup truck used for the transport of various pieces of equipment. The fire prevention vehicle is replaced through rotation of vehicles from other positions (e.g. Station Cars or Chiefs Cars).

The department has developed a replacement program which exceeds the recommendations published by the National Association of Fleet Managers (NAFM).

	NAFM	FFD	NAFM	FFD
Vehicle Type	Age	Age	Mileage	Mileage
	Standard	Standard	Standard	Standard
Sedan	5.5 years	10 years	88,000 miles	100,000
Vans	7.5 years	10 years	88,000 miles	100,000
Pick-up Trucks	7.5 years	10 years	92,000 miles	100,000

The department attempts to replace staff and support vehicles as they approach the NAFM mileage standard, and then rotates the vehicle to the fire prevention role (non-emergency response) until the vehicle reaches the 100,000 mile standard. The fire prevention vehicle does not typically respond at an emergency rate during routine functions. In light of its primary non emergency role we attempt to extend the mileage beyond that recommended by NAFM. We do not however believe it prudent or safe to use any vehicle with more than 100,000 albeit for limited emergency response.

Additionally, research on vehicle replacement programs throughout the country reveal that municipal best practice is to replace vehicles when mileage exceeds between 75,000 and 85,000 miles.

Capital Improvement Plan Town of Franklin Fiscal Year 2016

Department Fire Department

Request #19 0 years \$ - \$ - Request #20 0 years \$ - \$ - Total Capital Improvement Request \$ 563,200	0 0 0	0 0		Request #18 0 years \$ - \$ -	Request #17 0	Request #16 0 years \$ - \$ -	Request #15 0 years \$ - \$ -	Request #14 Traffic Pre-emption Devices 1 - Threat to Citi; years \$ -	Request #13 Rescue Boat 1 - Threat to Citi; 10 years \$ 100	Request #12 Multiple Casualty Trailer - New Purchase 2 - Maintenance 10 years \$ -	Request #11 Paramedic Training Simulators - New Purchase 5 - Improved pro years \$	Request #10 Replacement Copy Machine for Headquarters 4 - Improvement 10 years \$ 500	Request #9 Replacement of Fire Prevention Vehicle 2 - Maintenance 10 years \$ 500 \$ 30,000	Request #8 Replacement Stair Chairs 2- 5 years \$ - \$ 10,000	Request #7 IV Pumps 3 - Requirement 5 years \$ 500 \$ 20,000	Request #6 Replacement Gas Monitors 2 - Maintenance 5 years \$ 600 \$ 12,000	Request #5 Replacement Fire Alarm Radio Receivers 2 - Maintenance 15 years \$ 2,000 \$ 57,200	Request #4 Replacement Rescue - Rescue #3 2 - Maintenance 7 years \$ - \$ 265,000	Request #3 Wireless Radio Headsets 1 - Threat to Citi; 7 years \$ - \$ 65,000	Request #2 Replacement Protective Clothing 1 - Threat to Citi; 10 years \$ - \$ 39,000	Request #1 Replacement Self Contained Breathing Apparatus (SCBA) 1 - Threat to 10 years \$ 5,000 \$ 65,000	Annual Assets/Project Name Funding Priority Life Expectancy Operating Project Costs
<u>ሉ</u>	\$	\$	↔	❖	Ş	s	Ş						\$	Ş	\$	\$	\$	\$	\$	s	Ş	As Proje
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	105,800							29,000	21,000	20,000	30,000	5,800										Needed/not requested

- 2 Maintenance operational necessity3 Requirement of State or Federal Law or Regulation
- 4 Improvement of Infrastructure
- 5 Improved productivity
- 6 Alleviation of an overted/overburdened situation

FD CIP 2016 1.1 4/11/2016

Capital Improvement Plan Town of Franklin Fiscal Year 2016

Department Fire Department

Asset/Project Name

Request #1 Asset/Project Description

Replacement Self Contained Breathing Apparatus (SCBA)

trapped or otherwise incapacitated during operations. will allow us to more quickly locate firefighters who may become the emergency scene. This is a great advancement in safety which commanders to track the (x,y) location of personnel operating on units with tracking devices. These devices allows incident of the units. Now that this rollout has been completed, it is chose to avoid purchase two years ago due to the new model year to go towards the cost of replacing these units. You may recall we department's cache of (40) self contained breathing apparatus. in age. Additionally, funds within this amount will provide SCBA There has been a total of \$ 327,000 set aside in previous years CIP prudent to replace the existing unit which are now nearly 13 years This year we are requesting the balance of funding to replace the

> **Funding** Priority Expectancy

1 - Threat to

10 years

Operating **Expenses** Annual

Project Costs Assets/

\$ 5,000.00 \$ 65,000.00



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 overted/overburdened situation

Department Fire Department

Asset/Project Name

Asset/Project Description

Request #2

Replacement Protective Clothing

coat, boots and gloves. protective ensemble for each firefighter to include helmet, hood garments as they reach their anticipated life expectancy. Funds of garments this year and the ensuing four fiscal years will allow us anticipated to last about five years. The process of replacing 10 sets reliable protection for firefighters. On average, these garments are wear and tear of the garments; weaken the fabrics ability to provide requested will allow the department to replace the entire to replace our older garments this year and the balance of the ultraviolet rays of the sun. This denigration combined with normal process is necessary since the outside (shell) material, while themselves during fire combat operations. The replacement to replace the protective clothing firefighters wear to protect resistant to heat, denigrates over time due to exposure to the These funds have been requested this year and ensuing fiscal years



1 - Threat to

10 years \$

Operating Annual

Assets/

Expenses

Project Costs

39,000.00



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 overted/overburdened situation

Department Fire Department

Asset/Project Name

Request #3
Asset/Project Description

Wireless Radio Headsets

shield employees against the harmful effects of noise in our providing protection to the vehicle operator during emergency connected into the vehicle radio system and protect firefighter's radio headsets for each employee. these headsets will be workplace, the department is seeking funds to purchase wireless 115 decibel (OSHA noise standard to 15 minute exposure). To noises combine to regularly expose firefighters to noise levels above around they work. Engine noise, siren noise and other equipment positive effects of a rigorous hearing protection program. A critical significant problem in the fire service, with 51% of firefighter tested occupational hazards associated with hearing loss among headsets can be worn in a 100 foot radius of the vehicle, thus from excessive noise levels during vehicle response. Additionally, noise element for firefighter is that of the operating vehicles on and found to have a hearing deficits. NIOSH studies also indicate the firefighters. This research found NIOSH studies that revealed a In Fiscal Year 2015, the department conducted research into the

Funding Life Annual Assets/
Priority Expectancy Expenses Project Costs

1 - Threat to 7 years \$ - \$ 65,000.00



- 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 overted/overburdened situation

Department Fire Department

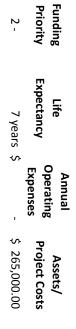
Asset/Project Name

Request #4
Asset/Project Description

Replacement Rescue - Rescue #3

The department currently operates 3 ambulances and rotate them through active duty and reserve status. The newest ambulance in the fleet is a 2014 model year and housed at Station #2 as a first response vehicle (Rescue #2). Rescue #2 has 23,467 road miles with 796 hours and an equivalent of 27,864 engine miles. The vehicle housed at Headquarters for first response (Rescue #1) is a 2012 model year with 67,312 odometer miles and 3,218 engine hours (equivalent to 112,646 engine miles). The last vehicle, Rescue #3, is our reserve, and is a 2009 model year with 88,340 odometer miles and 2,997 engine hours (equivalent to 104,895 engine miles).

According to our fleet replacement plan, this year we are scheduled to replace Rescue #3 which will in turn, places Rescue #1 in reserve status. The vehicle schedule to leave the fleet (Rescue #3) continues to experience on-going problems that compromises its readiness for service. We recently experienced sudden failures when needing to place the vehicle into service. Service failures have been both fuel system and electronic in nature. The vehicles has had ongoing issues with this vehicle throughout its history surrounding the EPA mandated Diesel Regeneration system.





- 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 overted/overburdened situation

Department Fire Department

Asset/Project Name

Asset/Project Description Request #5

Replacement Fire Alarm Radio Receivers

Priority **Funding** Expectancy Operating Annual **Project Costs** Assets/

2 -15 years \$ Expenses 2,000.00 \$ 57,200.00



seeking to replace both existing units with system compatible radio the past several months one of the two units has in in out-of-service old and currently experiencing issues with service readiness. Over activation. The receiving units use to complete this task are 15 year properties and dispatch resources in the event of a fire alarm properties and other commercial prosperities within Franklin have rendered them unavailable for service. Accordingly, we are coverage, however, both existing units have required repairs that units for mission critical devices such as thus insuring constant for a total of 4 months. Standards require redundant receiving through wireless communications. Presently we monitor 125 The department monitors the fire alarm systems for town

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 overted/overburdened situation

Department Fire Department

	ASSET/ Project Name	A south /Dissipation of North	
	Driority	Funding	•
- April 10 A	Expectancy	Life	•
Expenses	Operating		Annual
	Project Costs	Assets/	

5 years \$

600.00

S

12,000.00

Asset/Project Description

Request #6

Replacement Gas Monitors

The department maintains a total of 7 Gas meters for use by personnel. These meters are used to monitor atmospheric conditions to identify hazardous environments. Meters are capable of monitoring the levels of oxygen; lower explosive limits of flammable gases; levels of carbon monoxide and hydrogen sulfide. These capabilities are vitally important to insure the safety of citizens and firefighters. Current units are subject to quarterly calibration and maintenance by a certified vendor. The vendor has indicated the department's units have reached the end of their useful life and we will being to experience fades in monitoring accuracy. Accordingly, we believe it is necessary to replace these units.



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 overted/overburdened situation

Department Fire Department

Asset/Project Description	Request #7 IV Pumps		Asset/Project Name	
			Name	
	ω		Priority	Funding
	5 years \$	Lypectality	Evnectancy	life
	\$ 500.00 \$ 20,000.00	Expenses	Operating	Annual
	\$ 20,00	1 0)000	Project Cost	Assets/

The Commonwealth of Massachusetts, Office of Emergency Medical Services (OEMS) regulates the department emergency medical services operations. This year, OEMS published regulations requiring ambulance services carry IV Pumps on each ambulance for the administration of certain medications. Compliance with this new regulation is slated for 1 January 2017. Given the current CIP cycle this is the only CIP funding cycle available to the department for the funding of these newly required devices to meet the OEMS regulatory timeline.



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 overted/overburdened situation

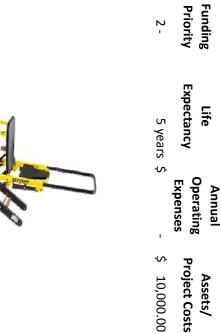
Department Fire Department

Asset/Project Name

Request #8
Asset/Project Description

Replacement Stair Chairs

Paramedics use the Stair Chair device to move patients who are capable of being move in a seated position either up or down stairs. The current devices are 6 Years old and beginning to wear. Moving patients of varying weights up and down stairs is a frequent source of back injury for department personnel. Accordingly, we believe maintaining these device in optimal condition is important in our on-going efforts to prevent injuries to our employees.





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 overted/overburdened situation

Department Fire Department

Asset/Project Name

Request #9
Asset/Project Description

Replacement of Fire Prevention Vehicle

This year we are also requesting funds to replace the staff vehicle assigned to the Fire Prevention Officer. This vehicle was placed into service in 206. This vehicle was previously assigned as the Shift Supervisors vehicle and currently has over 70,000 miles. Although relatively young in its year of department service, the vehicle is experiencing corrosion which we believe will quickly compromise the safety of the vehicle. The vehicle will be replaced with a Ford Explorer which will allow the department to maintain a modest fleet of 4-wheeled drive vehicles for winter operations.

Funding Life Annual Assets/
Priority Expectancy Expenses Project Costs

10 years \$ 500.00 \$ 30,000.00



- 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 overted/overburdened situation

Department Fire Department

Replacemer	
Asset/Project Name Replacement Copy Machine for Headquarters	
Funding Priority 4 -	
Life Expectancy 10 years \$	
_ ^	200
Assets/ Derating Project Costs Expenses 500.00 \$ 5,800.00	

These funds have been requested to replace the aging copier/network printer serving our Headquarters building. The current device was purchased in 2007 and is becoming worn and currently experiencing frequent calls for service due to jamming and other types of malfunctions.

- 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 overted/overburdened situation

Department Fire Department

	Asset/Project Name	Funding Priority	Life Expectancy	Annual Operating Expenses	Assets/ Project Costs
Request #11	Paramedic Training Simulators - New Purchase	5 - Improved	years \$	·\$	\$ 30,000.00
Asset/Project Description					

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.

- 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 overted/overburdened situation

Department Fire Department

Funding Priority	Exp
2 -	10 years \$
	Fundi Prior 2 -

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.

- 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 overted/overburdened situation

Department Fire Department

		Asset/Project Name	Funding Priority	Life Expectancy	Annual Operating	Assets/ Project Costs
				- Aproxime y		
Request #13	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.

- 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 overted/overburdened situation

Capital Improvement Plan Fiscal Year 2016 **Town of Franklin**

Department Fire Department

This yea	Asset/Project Description	Request #14 Traffic P	
This year we are requesting funds to provide traffic pre emption		Traffic Pre-emption Devices	Asset/Project Name
		1 - Threat to	Funding Priority
		years \$	Life Expectancy
		\$	Annual Operating Expenses
		\$ 29,000.00	Assets/ Project Costs

- 1 Threat to Citizens or Employees health, safety or property2 Maintenance operational necessity
- 3 Requirement of State or Federal Law or Regulation
- 4 Improvement of Infrastructure
- 5 Improved productivity
- 6 Alleviation of an overted/overburdened situation

Department Fire

						Other Capital Items		I otal Equipment														Total Fleet	Sub total - EMS				Sub total - Fire & Support										Readings	٠٠٠٠٠٠
Total Other Capital						tems			2013	2013	2013	2013	2013	2002	2008	2008	2007	2005	2004	2001	2000			2014	2009			2006	1102	2011	2011	2004	2004	2000	1995	1986	Year Purchased	
al									External Chest Compressor	Thermal Imaging Camera	Portable Radios	Fitness Equipment STA 2	PPV Fans	Breathing Air Compressor	Fitness Equipment HQ	Radio Comparator	Copy Machine - HQ	Self Contained Breathing Ap	Radio Pagers	Alarm Transceiver	Auto Extrication Device - Sta			Rescue 3	Rescue 2	Rescue 1		Car 5	Car 4	Car 2	Car 1	Brush 2	Brush 1	Engine 4	Engine 3	Brush 3	Item Description	
									5	6	7	10	10	20	10			10	12	15	15			6	6	6		10	10	10	10	15	15	20	20	15	Replace Cycle	
							l		2018	2019	2020	2023	2023	2022	2018	2018	2014	2015	2016	2016	2015			2020	2015	2018		2016	2021	2021	2021	2019	2019	2020	2015	2001	2010	=
\$ -								\$ \$0,000								\$ 35,000					\$ 45,000	\$ 500,000	\$ -				\$ 500,000								\$ 500,000		2017	Year 1
\$ -							l	\$ 95,000	. 45						\$ 10,000	\$			\$ 25,000			\$ 280,000	\$ 280,000			_	\$ -										2018	Year 2
\$ -								\$ 65,000	٠	\$ 30,000						\$ 35,000						\$ 100,000	\$ -				\$ 100,000					\$ 50,000	\$ 50,000				2019	Year 3
\$ -								\$ 200,000			\$ 200,000											\$ 780,000	\$ 280,000		\$ 280,000		\$ 500,000							\$ 500,000			2020	Year 4
\$ -								٠	_													\$ 105,000	\$ -				\$ 105,000		\$ 35,000	\$ 35,000	\$ 35,000						2021	Year 5
\$ -								\$ 30,000						\$ 30,000								\$ 280,000	\$ 280,000	\$ 280,000			\$ -										2022	Year 6

Total Capital Improvement Requests

\$ 580,000 \$ 375,000 \$ 165,000 \$ 980,000 \$ 105,000 \$ 310,000