



CHIEF OF DEPARTMENT
(978) 897-1015

TOWN OF MAYNARD
FIRE DEPARTMENT
ONE SUMMER STREET

MAYNARD, MASS., 01754
DEPT. PHONE: (978) 897-1014
DEPT. FAX: (978) 897-3389

Current age and purchase date of Equipment.

Car 9 (ambulance)-year purchased 2005

Engine 1-year purchased 2001

Engine 2-year purchased 1992

Engine 3-year purchased 1997

Engine 4 (1 ton pick up/brush truck/captain vehicle)-year purchased 2011

Service 1-year purchased 2000

Ladder truck year purchased 1985

Car 10 (chief car) 1995 (used from police)

Replacement plan:

Engine 1 replace in FY 30 length of service 30 years

Engine 2 replace in FY 14 length of service 22 years

Engine 3 replace in FY 22 length of service 25 years

Engine 4 is used for general duty for the department and acts as the brush fire truck. This unit is recommended to be replaced every 10 years.

Service 1 can be replaced when engine 4 is replaced. Engine 4 becomes the service truck thus the life cycle of this truck should be 20+ years. Service 1 is used for fire alarm work, general service for the department such as the retrieval of equipment from major fires, towing the boat trailer, emergency response trailers and movement of equipment such as pumps, generators and the like when it is not an emergency

Engines 1, 2 and 3 should have a life cycle of 24 to 25 years of service to the town. Front line truck should be the newest for reliability. Purchasing a truck every 7 or 8 years gives a life of service to the town of 25 years before replacement of the truck. By doing this schedule the infrastructure of the department will not be altered or compromised. The town will not be faced with a complete replacement of the fleet due to age at the same time.

Car 9 replace in FY 13. Recommend replacement every 7 years of service. This is the busiest piece of equipment that the department has. Life safety is priority with this unit and must be the most dependable of all the units within the department.

Ladder truck replacement FY 2015 (30 years) however the truck is still in good shape. Problem is the replacement truck will not fit into current station. Ladder trucks usually have the longest service life for a community and need to be put onto a special article for funding because of the cost of the unit.

Funding for the Ambulance (Car 9) could come from the enterprise account as this account is funded by the fees charged for transports by the ambulance (Car 9). State law allows this fund to be used only for ambulance expenses such as salaries, training expenditures and capital outlays for equipment replacement.

Cost estimates for a replacement of Car 10 (chief car) is in the range of \$25,000 to \$30,000. This estimate comes from the state bid list for vehicles depending what model is chosen. This vehicle should be replaced as needed for the department. Minimally this unit should last 10 years. A lease purchase could be done for this unit or raise and appropriate the funds for this.

If you have questions regard this matter please feel free to contact me.



Interim Chief Donald S. Hurme

Town of Maynard, MA
Capital Project Request Form

Department: Please Pick One *Fire*
Contact Person:

Date Prepared: *1-10-12*
Contact Phone Number: *978 897 1045*

Project Title:

Fiscal Year Request: *FY13* Priority Category (see definition below): Please Pick One *2*

Description: *Replacement of Saws of Life*

Situation (how did this project need come about):

What alternatives were considered and why were they rejected?:

Can other departments in Maynard use this capital item?:

Risk of not doing this project?:

} See attached

Need Arises From:

- | | |
|--|--|
| <input type="checkbox"/> Compliance w/ State or Federal Law | <input type="checkbox"/> Elimination of liability exposure |
| <input type="checkbox"/> New Program based on documented demand | <input type="checkbox"/> Expanded program based on documented demand. |
| <input type="checkbox"/> Elimination of public health/safety problem | <input type="checkbox"/> Cost savings or avoidance in existing program |
| <input checked="" type="checkbox"/> Improvement in effectiveness or efficiency | <input checked="" type="checkbox"/> Replace Existing Capital Asset |

Financial Information:

Amount being requested: \$ Partial Funding Y/N, Y or N if Y, how much: \$, and source:

Basis for Cost Estimate (please attach additional information):

- | | |
|--|--|
| <input type="checkbox"/> Firm Outstation | <input type="checkbox"/> Contractor Estimate |
| <input type="checkbox"/> Dept Estimate | <input checked="" type="checkbox"/> Other |

Expected Life of Item or Project: Expect Residual Value \$

Will the Capital Purchase replace something that currently provides the function or will it provide a new function?

- New Replacement

If replace, please state the age (yr of purchase), residual value and other pertinent information about the item being replaced (mileage for vehicles, version for software etc): Year: Residual Value: \$

Impact on Operating Cost of the Department:

- Increase Decrease No Impact

Explain Impact:

Submitted By: *Donald S. Hume*
Title: *Interim Fire Chief*

Date: *1-10-12*

Definitions of Categories:

- Category 1: Projects that can NOT be reasonable postponed
Category 2: Projects which should be carried out with in a few years in order to meet anticipated public need.
Category 3: Projects which are needed to meet documented new or expanded public demands
Category 4: Projects that can easily be postponed or eliminated from immediate consideration



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Jaws of Life

The Jaws of Life power unit was replaced around 12 years ago. The implements (spreaders, cutters, rams) are original equipment purchased some 25 years ago. Since my interim Chief Appoint this rescue tool was used twice to extricate people trapped in Motor Vehicle Accidents and once for department training, the power unit failed during one of the extrications and failed during training.

Since the unit is a life safety piece of equipment and is old, it needs to be replaced with newer, more powerful and newer technology advanced equipment. With the changes that have occurred in the motor vehicles over the years more powerful cutters, spreaders and rams) are needed to be able to take apart the vehicles frame work due to the advancement of the structural components of the vehicles.

Cost estimates for a replacement of this unit is in the range Of \$30,000. This estimate comes from various builders of these units and all run about this price range.

Funding could come from free cash or raise and appropriate.

A handwritten signature in black ink, appearing to read "Donald S. Hurme".

Interim Chief Donald S. Hurme

Town of Maynard, MA
Capital Project Request Form

Department: Please Pick One *Fire*
Contact Person: *Chief*

Date Prepared: *1-10-12*
Contact Phone Number: *978 897 1015*

Project Title:

Fiscal Year Request: *FY13* Priority Category (see definition below): Please Pick One *2*

Description: *Replacement of car 10*

Situation (how did this project need come about):

What alternatives were considered and why were they rejected?
Can other departments in Maynard use this capital item?: *Yes attached*
Risk of not doing this project?:

Need Arises From:

- | | |
|--|--|
| <input type="checkbox"/> Compliance w/ State or Federal Law | <input type="checkbox"/> Elimination of liability exposure |
| <input type="checkbox"/> New Program based on documented demand | <input type="checkbox"/> Expanded program based on documented demand. |
| <input type="checkbox"/> Elimination of public health/safety problem | <input type="checkbox"/> Cost savings or avoidance in existing program |
| <input checked="" type="checkbox"/> Improvement in effectiveness or efficiency | <input checked="" type="checkbox"/> Replace Existing Capital Asset |

Financial Information:

Amount being requested: \$ Partial Funding Y/N, Y or N if Y, how much: \$, and source:

Basis for Cost Estimate (please attach additional information):

- | | |
|---|--|
| <input type="checkbox"/> Firm Outstation | <input type="checkbox"/> Contractor Estimate |
| <input checked="" type="checkbox"/> Dept Estimate | <input checked="" type="checkbox"/> Other |

Expected Life of Item or Project: Expect Residual Value \$

Will the Capital Purchase replace something that currently provides the function or will it provide a new function?

- New Replacement

If replace, please state the age (yr of purchase), residual value and other pertinent information about the item being replaced (mileage for vehicles, version for software etc): Year: Residual Value: \$

Impact on Operating Cost of the Department:

- Increase Decrease No Impact

Explain Impact:

Submitted By: *Dan S. Fine*
Title: *Interim Fire Chief*

Date:

Definitions of Categories:

- Category 1: Projects that can NOT be reasonable postponed
- Category 2: Projects which should be carried out with in a few years in order to meet anticipated public need.
- Category 3: Projects which are needed to meet documented new or expanded public demands
- Category 4: Projects that can easily be postponed or eliminated from immediate consideration



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Car 10 (chiefs car)

This unit replaced the 1995 chief car and was acquired from the police department as a used vehicle. This unit has been very unreliable since I have been here as interim chief. Fuel mileage that this unit gets is poor at best. Again like Car 9 this unit has been out of service on the average 4 to 5 days a month. Although it is designated as the chief's car I believe that this unit should be available to the captains of the department for inspections and other duties that they perform during the shift hours. This unit has 105,000 miles on the odometer and unknown engine hours on it.

Cost estimates for a replacement of this unit is in the range of \$25,000 to \$30,000. This estimate comes from the state bid list for vehicles depending what model is chosen. This vehicle should be replaced as needed for the department. Minimally this unit should last 10 years. A lease purchase could be done for this unit or raise and appropriate the funds for this.

Other alternatives for replacement of this unit could be like before to take a used unit from the police department. One question is if the unit is not good for service for one emergency department why would be ok for another?

Funding could come from free cash or raise and appropriate or lease/purchase through the state bid list.


Interim Chief Donald S. Hurme

Town of Maynard, MA
Capital Project Request Form

Department: Please Pick One Fire
Contact Person: chief

Date Prepared: 1-10-12
Contact Phone Number: 9788971015

Project Title:

Fiscal Year Request: FY13 Priority Category (see definition below): Please Pick One 1

Description: Replacement of car 9 (Ambulance)

Situation (how did this project need come about):

What alternatives were considered and why were they rejected?:

Can other departments in Maynard use this capital item?:

Risk of not doing this project?:

} See Attached.

Need Arises From:

- | | |
|--|--|
| <input type="checkbox"/> Compliance w/ State or Federal Law | <input type="checkbox"/> Elimination of liability exposure |
| <input type="checkbox"/> New Program based on documented demand | <input type="checkbox"/> Expanded program based on documented demand. |
| <input type="checkbox"/> Elimination of public health/safety problem | <input type="checkbox"/> Cost savings or avoidance in existing program |
| <input checked="" type="checkbox"/> Improvement in effectiveness or efficiency | <input checked="" type="checkbox"/> Replace Existing Capital Asset |

Financial Information:

Amount being requested: \$ Partial Funding Y/N, Y or N if Y, how much: \$, and source:

Basis for Cost Estimate (please attach additional information):

- | | |
|--|--|
| <input type="checkbox"/> Firm Outstation | <input type="checkbox"/> Contractor Estimate |
| <input type="checkbox"/> Dept Estimate | <input checked="" type="checkbox"/> Other |

Expected Life of Item or Project:

Expect Residual Value \$

Will the Capital Purchase replace something that currently provides the function or will it provide a new function?

- New Replacement

If replace, please state the age (yr of purchase), residual value and other pertinent information about the item being replaced (mileage for vehicles, version for software etc): Year: Residual Value: \$

Impact on Operating Cost of the Department:

- Increase Decrease No Impact

Explain Impact:

Submitted By: Daniel S. Nunez
Title: Interim Fire Chief

Date: 1-10-12

Definitions of Categories:

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Car 9 (ambulance) year purchased 2005

Funding for the Ambulance (Car 9) could come from the enterprise account as this account is funded by the fees charged for transports by the ambulance (Car 9). State law allows this fund to be used only for ambulance expenses such as salaries, training expenditures and capital outlays for equipment replacement.

Since my appoint as Interim Fire Chief July 1st 2011, Car 9 (ambulance) has averaged 5 days a month out of service due to a variety of mechanical and electrical problems. These problems have become a major concern to the reliability of this unit due the age and constant usage. TO completely rebuild this unit would not be cost effective as the cost of a complete rebuild would not be much less than new replacement unit.

Cost estimates for a replacement of this unit ranges from \$180,000 to \$200, 000. This estimate comes from various builders of ambulances and come with variety with options to meet the specific needs of the community, this is why the estimates are between this range.

A handwritten signature in black ink, appearing to read "Donald S. Hurme".

Interim Chief Donald S. Hurme