

**Long Valley Fire Protection District
Master Facilities Plan
Fire Protection Facilities, Vehicles, and Equipment**

Adopted September 10, 2014 by the Long Valley Fire Protection District Board of Commissioners

Project ID	Project Title	Project Build-out Cost Original (2007-08)	Project Build-out Cost Escalation (2014-15) - 4% CPI	<----- Current Cost Estimate ----->						Total All Years
				2014-15	2015-16	2016-17	2017-18	2018-19		
LVFPD-01	Electronic Siren*	n/a	n/a	\$8,000	n/a	n/a	n/a	n/a	n/a	\$8,000
LVFPD-02	Loader - Snow Removal/Rescue/Fire**	n/a	n/a	\$95,000	n/a	n/a	n/a	n/a	n/a	\$95,000
LVFPD-03	Water Tender***	\$125,000	\$164,491	n/a	n/a	n/a	n/a	n/a	n/a	\$164,491
LVFPD-04	1500 GPM 1st Out Engine/Rescue	\$550,000	\$723,762	n/a	n/a	n/a	n/a	n/a	n/a	\$723,762
LVFPD-05	Pave back lot/Draft pit of Station 1	\$48,800	\$64,217	n/a	n/a	n/a	n/a	n/a	n/a	\$64,217
LVFPD-06(a)	Sunnyslopes - Acquire Fire Fighter Equipment	\$43,250	\$56,914	n/a	n/a	n/a	n/a	n/a	n/a	\$56,914
LVFPD-06(b)	Sunnyslopes - Station Construction	\$827,000	\$1,088,276	n/a	n/a	n/a	n/a	n/a	n/a	\$1,088,276
LVFPD-06(c)	Sunnyslopes - Pumper/Water Tender	\$525,000	\$690,864	n/a	n/a	n/a	n/a	n/a	n/a	\$690,864
Total										\$2,891,525

Notes:

*Cost estimate includes \$7,000 for new siren plus \$1,000 for removal of existing infrastructure

**Cost estimate could vary depending on size and capacity of loader; \$95,000 estimate is an "up to" amount

***Cost estimate assumes a small to medium sized water tender

Other Notes:

(1) project timing is not a focus of this plan for LVFPD 03, 04, 05, 06 (a), 6(b) and 6(c). As a result, all projects default to the 2014-15 "Build-out" escalation number.

(2) project timing is a focus of this plan for LVFPD 01, 02.

10-Sep-14

Long Valley Fire Protection District
Master Facilities Plan Project Details
Approved September 10, 2014

Project Number & Title:
Program:
Project Funding Source:

Project Description:

Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):	
Design/Engineering/Administration	
Acquisition/Right of Way	
Construction	
Contingency	
Equipment/Vehicle/Other	
Total Cost (2014-15):	

LVFPD-01 Electronic Siren Replacement
Facilities Upgrade - Replacement
Impact Fees; Current Budget Funding

Replace the mechanical siren with a new electronic siren. Remove existing infrastructure as necessary. Place new electronic siren on wooden pole.

Siren, along with pagers, is used to communicate incident call responses to the immediate Crowley Lake and Long Valley communities. This assists the volunteers and alerts the local communities to an incident call response.

Possible failure of volunteers to be aware of incident call responses; community is not aware of incident responses.

	\$0
	\$0
	\$1,000
	\$0
	<u>\$7,000</u>
	\$8,000

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Project Cost (2014-15):

Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other

Total Cost (2014-15):

**LVFPD-02 Loader - Snow Removal/Rescue/Fire
Fleet / Vehicle Upgrade - Replacement
Impact Fees; Grants**

Acquire a replacement loader for Station 1

Acquire a new loader for Station 1 to aide in snow removal, trainings, rescues, and fire line construction. The existing loader requires is old and requires continual repairs. For snow removal purposes, a smaller, more maneuverable loader will be more efficient.

Vehicle replacement of our older model fleet vehicles such as the current loader is needed to continue reasonable removal of snow and apparatus need to serve the community.

\$0

\$0

\$0

\$0

\$95,000

\$95,000

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Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):

Design/Engineering/Administration

Acquisition/Right of Way

Construction

Contingency

Equipment/Vehicle/Other

Total Cost (2014-15):

LVFPD-03 Water Tender for Station 1

Fleet/Vehicle Upgrade

Impact Fees; Grants

Acquire a 4x4 small/medium 2000+ gallon water tender

A small/medium 4x4 water tender for district capable of accessing unimproved roads throughout the community and surrounding areas with no water sources - piped or draftable should be considered. The tender would accompany the first out engine in a timely fashion in remote areas of the district or areas along highway 395 where water sources are scarce. A small tender would enable the large tender the needed time to travel to an incident.

The district personnel having to send larger tender to all incidents and continued slower response time.

\$0

\$0

\$0

\$0

\$164,491

\$164,491

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Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):

Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other

Total Cost (2014-15):

**LVFPD-04 1500 GPM 1st out engine/rescue
Fleet / Vehicle Upgrade - Replacement
Impact Fees; Grants**

Acquire a 1500 GM 1st out engine / pumper for Station 1.

Additional calls in the District for service can be expected from private sector construction, a forty acre or more industrial park near the Airport, expansion of the geothermal plants, and scattered single family lots.

Vehicle replacement of older model fleet vehicles such as current 1st out engine is needed to continue reasonable response times and apparatus needed to serve the District.

\$0

\$0

\$0

\$0

\$723,762

\$723,762

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Project Funding Source:

Project Description:

Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):

**Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other**

Total Cost (2014-15):

**LVFPD-05 Pave back lot / Draft pit of Station 1
Facilities Upgrade
Impact Fees**

Asphalt pave an additional 9600 sq. ft. of storage and training lot behind Station 1. Additionally, create a drafting pit to allow for on-site pump testing and additional water supply storage.

Inclement weather often makes the back lot of Station 1 parking and training area unusable. The drafting pit is required to allow for on-site pump testing as well as drafting, training, and additional water supply storage. Currently, all pumpers are taken off site to test in either a pond or lake often making them unavailable for service and increasing the possibility of damage to the pump.

Pump testing and training would continue to be undertaken off-site.

**\$0
\$0
\$0
\$0
(\$64,217)
(\$64,217)**

10-Sep-14

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**LVFPD-06(a) Sunnyslopes - Acquire Fire Fighter Equipment
Equipment Upgrade
Impact Fees; Grants**

Project Description:

Acquisition of new equipment for firefighters (up to twelve full outfits) at the cost of roughly \$3,600 per firefighter; for Sunnyslopes Station 2.

Justification/Requirement for project:

The firefighters require personal equipment and cannot perform their duties without it. Additional response personnel needed with current and future development within the district.

Consequences for not completing the project:

Firefighters require standard issue personal equipment. Potential liability concerns without proper equipment.

Project Cost (2014-15):

**Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other**

**\$0
\$0
\$0
\$0
\$56,914**

Total Cost (2014-15):

\$56,914

10-Sep-14

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Project Funding Source:

Project Description:

Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):

**Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other**

Total Cost (2014-15):

**LVFPD-06(b) Sunnyslopes - Fire Station Construction
Fire Protection Facilities Upgrade
Impact Fees; Grants; Financing**

Development of Station 2 in Sunnyslopes. Construct a 40' x 80' two bay, tandem parking fire station used to house equipment, supplies, and an office/dispatch center to serve the eastern part of the district. The facility would include 800 sq. feet of office, restroom/lockers, and equipment storage.

Given the size and response time constraints of a large district, a station in Sunnyslopes is needed. Between existing and future development there will be a need for additional resources to better serve the district.

If development in Sunnyslopes and surrounding areas continues, delays of 8 to 10 minutes response times from Station 1 would continue.

\$94,254

\$0

\$858,342

\$50,934

\$84,746

\$1,088,276

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Justification/Requirement for project:

Consequences for not completing the project:

Project Cost (2014-15):

Design/Engineering/Administration
Acquisition/Right of Way
Construction
Contingency
Equipment/Vehicle/Other

Total Cost (2014-15):

**LVFPD-06(c) Sunnyslopes - Pumper/Water Tender
Fire Protection Facilities Upgrade
Impact Fees; Grants**

**Acquire a 1500 GPM pumper 4x4 and a small 1,500 gallon
water tender for Station 2 in Sunnyslopes.**

**A 4x4 pumper engine and small water tender for Station
2 capable of accessing unimproved roads throughout the
community and surrounding areas with no water sources,
piped or draftable, is needed.**

**If development in Sunnyslopes and surrounding areas
continues, delays of 8 to 10 minutes response times from
Station 1 would continue.**

\$0
\$0
\$0
\$690,864

\$690,864

10-Sep-14