

CAPITAL PROJECTS DETAIL

242 VALLEY CITY STATE UNIVERSITY

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Capital Project

Steamline Replacement

	Request/Optional	Recommendation
Total Project Cost	2,200,000	2,200,000
General Fund	0	2,200,000
Federal Funds	0	0
Special Funds	0	0
Bonding	2,200,000	0

Is this a multiennium project? No No of Biens: Est. Costs

Future Increased Costs Associated with Project Approval

	2007-2009	2009-2011	2011-2013		2007-2009	2009-2011	2011-2013
Salaries and Wages	0	0	0	FTE	.00	.00	.00
Operating Expenses	0	0	0				
Equipment > \$5,000	0	0	0	General Fund	0	0	0
IT Equipment > \$5000	0	0	0	Federal Funds	0	0	0
Special Lines	0	0	0	Special Funds	0	0	0
Total	0	0	0	Total	0	0	0

Project Specifics and Justification

The existing steam distribution system has exceeded the expected useful life by as much as 10 years. Several of the joints in the lines have been replaced. Determining the location of failures and repairing them is difficult with the direct buried lines, and can be dangerous and expensive during cold weather.

The replacement of current steam lines and insulation will result in energy savings from the loss of steam into the ground. The insulation on the new steam line is far better than what was available 40 years ago when the existing lines were installed.

The project would include distribution piping in the power house, replacing the main steam line that runs from the power house to steam vaults across campus, and individual lines to each building. We would add a metering system to allow us to collect data on each building.