Infrastructure Rehabilitation – Introductory Comments

The City of Livermore is responsible for the upkeep and maintenance of infrastructure which are self-funded through user fees (enterprise funded) and those which are funded through City discretionary and non-discretionary revenues (non-enterprise funded). Shortfalls in maintenance funding for enterprise funded infrastructure which include the airport, water treatment and collection systems, potable and recycled water systems, and golf courses are typically handled via user fee adjustments. Shortfalls in maintenance funding for non-enterprise funded infrastructure such as buildings, sidewalks, curb & gutter, storm drains, streambeds, street lights and traffic control systems, trees, landscaping, parks and trails, and pavement will require developing and implementing a strategy which could include increasing the general fund contribution to infrastructure maintenance, adding new revenue sources, changing maintenance strategies, or a combination of these practices. Revenue enhancement strategies could include reprioritizing discretionary fund expenditures, increasing property owner participation in funding, and developing new maintenance funding revenue sources such as user impact fees, formation of assessment districts, increase in property taxes, establishment of local transaction and use taxes, and utility user taxes.

Cities and counties are grappling with the same issues for their local infrastructure. The City's infrastructure is currently in a functioning state of repair with no significant operating problems. However, due to prior budget limitations, routine maintenance has not been performed to keep the infrastructure in an optimal condition, resulting in a total unfunded maintenance backlog of approximately $244 million. The current funding for infrastructure maintenance is approximately $7.6 million per year. It is estimated that the routine maintenance funding should be increased by $12.2 million, to a total of $19.8 million per year. An additional $23.7 million would need to be budgeted annually over the next 10 years to eliminate the deferred and/or rehabilitative maintenance need which has accrued. This yields a total annual maintenance need of approximately $43.5 million, which is $35.9 million more than current expenditures.

City of Livermore, CA

Capital Improvement Projects

Fiscal Year End 2013 -2014

Category Fund Summary

Infrastructure/Rehab

Project Number	Project Name	Project Status	Fiscal Year 2012 - 2013	Fiscal Year 2013 - 2014
		Total:		

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800009	**CIP Project Name**	Building Maintenance
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location City wide

Project Description Additional annual maintenance shortfall to perform routine and rehabillitative maintenance on non-enterprise-funded buildings and modify all existing City-owned buildings to comply with the latest Americans with Disabilities Act regulations and Section 504 of the Rehabilitation Act of 1973 in accordance with the City Transition Plan based on eliminating backlog in 3 years @ $2,750,000/yr and $850,000/yr after backlog is removed.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$2,750,000	$2,750,000	$15,500,000	$21,000,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$2,750,000	$2,750,000	$15,500,000	$21,000,000
Total Funding	$0	$0	$0	$0	$2,750,000	$2,750,000	$15,500,000	$21,000,000

Project Justification:

This project will remove architectural barriers in City facilities making them more accessible to Livermore's disabled citizens.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800007	**CIP Project Name**	Curb & Gutter Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on curb & gutter to address previously deferred maintenance based on removing backlog over 10 years @$3,600,000/yr and $1,950,000/yr after backlog is removed.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$3,600,000	$3,600,000	$40,800,000	$48,000,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$3,600,000	$3,600,000	$40,800,000	$48,000,000
Total Funding	$0	$0	$0	$0	$3,600,000	$3,600,000	$40,800,000	$48,000,000

Project Justification:

Project will repair curb & gutter throughout the City that has been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that annual curb & gutter maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800010	**CIP Project Name**	Landscaping, Parks and Trails Supp Maint Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance shortfall to perform routine rehabilitative maintenance on City-owned Trees, Landscaping, Parks, and Trails to address previously deferred maintenance based on eliminating backlog in 3 years @ $8,200,000/yr and $2,200,000/yr after backlog has been removed.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$8,200,000	$8,200,000	$41,200,000	$57,600,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$8,200,000	$8,200,000	$41,200,000	$57,600,000
Total Funding	$0	$0	$0	$0	$8,200,000	$8,200,000	$41,200,000	$57,600,000

Project Justification:

Project will rehabilitate or replace City-owned trees, landscaping, parks and trails that have been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that proper maintenance will be underfunded during the years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800006	**CIP Project Name**	Pavement Overlay Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additonal annual maintenance funding to perform routine and rehabilitative maintenance overlays on streets to address previously deferred overlay maintenance based on removing backlog over 10 years @ $1,980,000/yr and $420,000/yr after backlog has been removed.

Amount shown per year includes funding required to obtain optimal funding level of $6.5 Million/Year and assumes 60% Rehabilitative Maintenance (overlay) on an overall funding shortfall of $3.3 Million.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$1,980,000	$1,980,000	$19,200,000	$23,160,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$1,980,000	$1,980,000	$19,200,000	$23,160,000
Total Funding	$0	$0	$0	$0	$1,980,000	$1,980,000	$19,200,000	$23,160,000

Project Justification:

Project will restore pavement sections throughout the City that have been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that proper annual overlay maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800008	**CIP Project Name**	Sidewalk Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additonal annual maintenance to perform routine and rehabilitative maintenance on sidewalks to address previously deferred maintenance based on removing the backlog of maintenance over 10 years @ $6,390,000/yr and $1,590,000/yr after backlog is removed.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$6,390,000	$6,390,000	$63,840,000	$76,620,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$6,390,000	$6,390,000	$63,840,000	$76,620,000
Total Funding	$0	$0	$0	$0	$6,390,000	$6,390,000	$63,840,000	$76,620,000

Project Justification:

Project will repair sidewalk sections throughout the City that have been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that annual curb & gutter maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800005	**CIP Project Name**	Slurry Seal Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance to perform routine and rehabilitative maintenance slurry seals on street pavement to address previously deferred maintenance based on removing backlog over 10 years @ $1,320,000/yr and $280,000/yr after backlog is removed.

Amount shown per year includes funding required to obtain optimal funding level of $6.5 Million/Year and assumes 40% Preventative Maintenance (slurry sealing) on an overall funding shortfall of $3.3 Million.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$1,320,000	$1,320,000	$12,800,000	$15,440,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$1,320,000	$1,320,000	$12,800,000	$15,440,000
Total Funding	$0	$0	$0	$0	$1,320,000	$1,320,000	$12,800,000	$15,440,000

Project Justification:

Project will slurry seal street segments throughout the City that have been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that proper annual slurry seal maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800004	**CIP Project Name**	Storm Drain Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance to perform routine and rehabilitative maintenance including construction of storm drain improvements to correct existing storm drain system capacity deficiencies not attributable to new development based on removing the backlog of maintenance over 10 years @ $12,500,000/yr and $3,400,000 /yr after backlog is removed.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$12,500,000	$12,500,000	$145,400,000	$170,400,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$12,500,000	$12,500,000	$145,400,000	$170,400,000
Total Funding	$0	$0	$0	$0	$12,500,000	$12,500,000	$145,400,000	$170,400,000

Project Justification:

Project will repair storm drains throughout the City that has been allowed to deteriorate due to insufficient maintenance funding and provide for required replacement to increase flow capacity in existing deficient storm drains. Amount shown assumes that proper annual storm drain maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800003	**CIP Project Name**	Streambed Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Las Positas Creek

Project Description Additonal annual maintenance shortfall to perform routine and rehabilitative maintenance on streambeds to improve flow capacity and to address previously deferred maintenance based on removing the backlog of maintenance over 20 years @ $1,80,000/yr.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$1,800,000	$1,800,000	$28,800,000	$32,400,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$1,800,000	$1,800,000	$28,800,000	$32,400,000
Total Funding	$0	$0	$0	$0	$1,800,000	$1,800,000	$28,800,000	$32,400,000

Project Justification:

Project will improve streambed flow capacity in Las Positas Creek that has been allowed to deteriorate due to insufficient maintenance funding. Amount shown assumes that proper annual streambed maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800002	**CIP Project Name**	Streetlight Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on streetlights to address previously deferred maintenance based on eliminating backlog in 3 years@ $1,960,000/yr. and $440,000/yr after backlog is removed.

Amount shown per year assumes Traffic Control Supplemental Maintenance Funding is 40% of overall funding shortfall for street lights and Traffic Control Systems estimated at $4,900,000/yr to eliminate backlog in 3 years.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$1,960,000	$1,960,000	$8,560,000	$12,480,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$1,960,000	$1,960,000	$8,560,000	$12,480,000
Total Funding	$0	$0	$0	$0	$1,960,000	$1,960,000	$8,560,000	$12,480,000

Project Justification:

Project will replace streetlights throughout the City that have been allowed to deteriorate due to insufficient maintenance funding and includes routine maintenance replacements. Amount shown assumes that proper annual streetlight maintenance will be underfunded during years shown.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	800001	**CIP Project Name**	Traffic Control Supplemental Maintenance Funding
Dept/Program	Infrastructure/Rehab	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Community Development
		Project Status	Not Started

Project Location Citywide

Project Description Additional annual maintenance shortfall to perform routine and rehabilitative maintenance on traffic signals, traffic signs and pavement traffic striping to address previously deferred maintenance based on eliminating backlog in 3 years @ $2,900,000/yr and $660,000/yr after backlog is removed.

Amount shown per year assumes Traffic Control Supplemental Maintenance Funding is 60% of overall funding shortfall for street lights and Traffic Control Systems estimated at $4,900,000/yr to eliminate backlog in 3 years.

Capital Cost:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
Capital Costs	$0	$0	$0	$0	$2,940,000	$2,940,000	$12,840,000	$18,720,000

Project Funding:

		Fiscal Year End						
	Prior Years	2011 - 2012 Requested	2012 - 2013 Requested	2013 - 2014 Requested	2014 - 2015 Requested	2015 - 2016 Requested	2016 - 2032 Out Years	Total
U	$0	$0	$0	$0	$2,940,000	$2,940,000	$12,840,000	$18,720,000
Total Funding	$0	$0	$0	$0	$2,940,000	$2,940,000	$12,840,000	$18,720,000

Project Justification:

Project will upgrade and install new traffic signals, replace traffic signs, and replace pavement traffic striping throughout the City that are in need of improvement due to insufficient maintenance funding. Amount shown assumes that proper annual traffic control system maintenance will be underfunded during years shown.