Airport – Introductory Comments

The City operates a general aviation airport near Airway Boulevard and south of the Las Positas Golf Course. The airport is operated as an independent enterprise fund. Airport projects in the Fiscal Year 2012-2013 and Fiscal Year 2013-2014 Capital Improvement Program budget include a variety of projects to enhance airport operations. These projects include a new Airport Administration Building, runway overlay and remarking, taxiway slurry sealing, various repairs to the north and south hangars, miscellaneous airport repair design services, and retrofit of minor facilities to comply with code requirements.

Airport projects are derived from the 1975 Airport Master Plan. Funding for airport projects is provided from airport operating revenues, Federal Aviation Administration construction grants and from municipal Certificates of Participation (COPS).

Projects listed herein comply with the 1975 Airport Master Plan, the City's General Plan and Downtown Specific Plan.

City of Livermore, CA

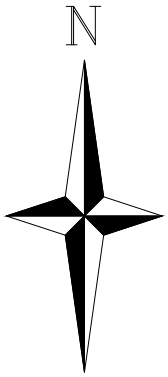
Capital Improvement Projects

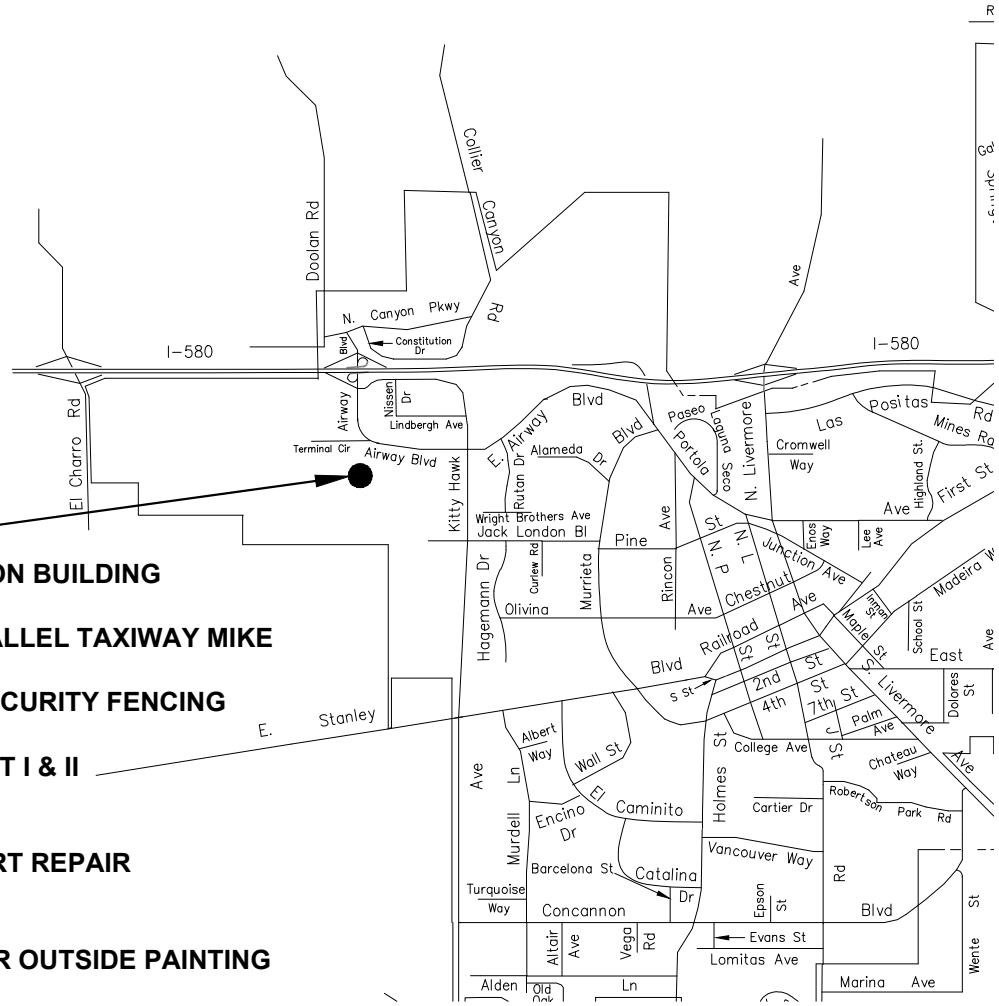
Fiscal Year End 2013 -2014

Category Fund Summary

Airport

Project Number	Project Name	Project Status	Fiscal Year 2012 - 2013	Fiscal Year 2013 - 2014
200711	Airport Administration Building	In Progress	$4,550,000	$400,000
200860	Airport Midfield Parallel Taxiway MIKE	Not Started	$0	$0
201315	Airport South Side Security Fencing	Not Started	$65,000	$0
201316	Hangar S-I and Airport I & II Seal Coat	Not Started	$78,000	$0
200636	Miscellaneous Airport Repair Design Services	In Progress	$30,000	$30,000
201317	North & South Hangar Outside Painting	Not Started	$47,500	$50,000
201027	Runway 7L/25R Overlay and Remarking	In Progress	$2,295,320	$0
201313	Runway 7R/25L Overlay, Repainting & Lighting	Not Started	$680,100	$0
201314	Slurry Seal Northside Aprons and Taxilanes	Not Started	$871,000	$0
201411	Slurry Seal Southside Hangar Taxilanes	Not Started	$0	$635,800
201318	South Hangar Fire Sprinkler System Retrofit	Not Started	$300,000	$350,000
201026	South Hangar Skylight Replacement	Not Started	$45,000	$0
		Total: Airport	$8,961,920	$1,465,800





AIRPORT PROJECTS:

AIRPORT ADMINISTRATION BUILDING

AIRPORT MIDFIELD PARALLEL TAXIWAY MIKE

AIRPORT SOUTH SIDE SECURITY FENCING

HANGAR S-I AND AIRPORT I & II SEAL COAT

MISCELLANEOUS AIRPORT REPAIR DESIGN SERVICES

NORTH & SOUTH HANGAR OUTSIDE PAINTING

RUNWAY 7L/25R OVERLAY AND REMARKING

RUNWAY 7R/25L OVERLAY, REPAINTING & LIGHTING

SLURRY SEAL NORTHSIDE APRONS AND TAXILANES

SLURRY SEAL SOUTHSIDE HANGAR TAXILANES

SOUTH HANGAR FIRE SPRINKLER SYSTEM RETROFIT

SOUTH HANGAR SKYLIGHT REPLACEMENT

CITY OF LIVERMORE

ALAMEDA COUNTY STATE OF CALIFORNIA

20 YEAR CIP PROGRAM **AIRPORT PROJECTS**

Project 2007-11 Airport Administration Building

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	200711	**CIP Project Name**	Airport Administration Building
Dept/Program	Airport	**GASB34**	Capital Asset
		Project Mgr/Lead	Public Works
		Project Status	In Progress

Project Location Livermore Airport

Project Description This project replaces the existing administration building with a new 9,000 square foot building located on the north side of the Airport onTerminal Circle. The FY11-12 funding is for design costs. The FY12-13 funding is for design and construction.

See Transfer of Funds Sheet 999923

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	$33,940	$250,000	$4,550,000	$400,000	$0	$0	$0	$5,233,940

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
210	$33,940	$250,000	$4,550,000	$400,000	$0	$0	$0	$5,233,940
Total Funding	$33,940	$250,000	$4,550,000	$400,000	$0	$0	$0	$5,233,940
M&O Costs 200711		$0	$39,000	$39,000	$39,000	$39,000	$624,000	$780,000

Project Justification:

The existing "Dan Lee" Terminal building (built in 1969) provides inadequate office space, is plagued by repairs and is no longer cost effective to retain. A replacement building is needed with sufficient office space for airport administration as well as concession/office space and a restaurant.

Maintenance and Operation costs of $39,000 per year include labor, mechanical, roofing, flooring and painting needs.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	200525	**CIP Project Name**	Airport Hangar S-1 Foam Deluge System Replacement
Dept/Program	Airport	**GASB34**	Capital Asset
		Project Mgr/Lead	Community Development
		Project Status	Completed

Project Location Livermore Airport

Project Description Re-certification work of the foam-water deluge fire protection system in Hangar S-1 revealed that the foam concentrate has aged beyond certifiable use and that the rubber bladder tanks containing the foam have deteriorated. Further, due to corrosion and overall age of the system, an expert team determined that replacing the old with a new recycled water-only system will be a more cost effective approach. Structural modification to the existing door is required to lower clearance thereby restricting aircraft size resulting in a change to the hangar classification allowing the use of a recycled water only system for fire protection. Project will also include ADA accessibility upgrades required by building code.

This project has been segmented into two construction contracts; one for Structural Modifications and ADA Improvement, and the other for Fire Suppression Improvements.

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	$95,090	$308,120	$0	$0	$0	$0	$0	$403,210

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
210	$95,090	$308,120	$0	$0	$0	$0	$0	$403,210
Total Funding	$95,090	$308,120	$0	$0	$0	$0	$0	$403,210
M&O Costs 200525		$4,000	$4,000	$4,000	$4,000	$4,000	$64,000	$84,000

Project Justification:

Hangar S-1 is classified as "Group 1" aircraft storage facility and the NFPA code requires that it be outfitted with a foam-water deluge system to guarantee adequate fire protection. The existing foam deluge system is no longer certifiable and due to deterioration and corrosion should be replaced. Modification of the hangar aircraft entrance will allow conversion of the fire suppression system to a recycled water system. The new system is seismically safer and complies with the latest fire codes.

M&O costs assume 1% of the infrastcuture cost/year.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	200860	**CIP Project Name**	Airport Midfield Parallel Taxiway MIKE
Dept/Program	Airport	**GASB34**	Capital Asset
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description This project will construct a 1950' x 40' parallel Taxiway MIKE located south of Taxiway L near the middlefield of the Airport. The parallel taxiway will permit access to four T-hangars and box hangar buildings that will be constructed by private FBO. Furthermore, a 32' x 664' emergency vehicle access road is needed with a new security access gate. Construction and design costs are eligible for a 90% FAA grant ($1,379,160). Certain project items are ineligible and costs to the Airport Operating Fund 210 are $266,640
See Transfer of Funds Sheet 999902.

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	$1,645,800	$0	$0	$1,645,800

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
307	$0	$0	$0	$0	$1,645,800	$0	$0	$1,645,800
Total Funding	$0	$0	$0	$0	$1,645,800	$0	$0	$1,645,800
M&O Costs 200860		$0	$0	$0	$1,560	$1,560	$180,960	$184,080

Project Justification:

In 2007, the City entered into a long-term ground lease agreement with a private FBO which includes construction of four hangar buildings on the southside. The parallel taxiway is required to permit access to the hangars from the runway.

M&O Costs:
78,000 sf. x 0.02/sf $1,560/year
Slurry Seal/Overlay: 78,000sf x $2.00/sf =$156,000

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201315	**CIP Project Name**	Airport South Side Security Fencing
Dept/Program	Airport	**GASB34**	Capital Asset
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description Two (2) sections along the Airport's southern boundary do not have adequate security fencing to prevent unauthorized airfield access. Most of the existing fence sections along W. Jack London Blvd. are only four feet tall with 30-strand wire, which is inadequate according to federal and state guidelines. The installation of a new 6-foot tall, black vinyl-clad chain link fence is required to prevent unathorized airfield access by both persons and animals. The longest, western section requires 1,870 feet of fencing while the eastern section requires 1,100 feet with a 30-foot wide gate.

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	$65,000	$0	$0	$0	$0	$65,000

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
210	$0	$0	$65,000	$0	$0	$0	$0	$65,000
Total Funding	$0	$0	$65,000	$0	$0	$0	$0	$65,000

Project Justification:

Both Federal (FAA) and State DOT Guidelines for Airport safety and security outline that Airports install adequate security fencing to deter, to the largest extent feasible, unauthorized access by persons, domestic animals and wildlife. While a solid, 4-foot fence can be an adequate deterrent, a 6-foot fence is preferred to deter persons and large wildlife (deer, etc.) from climbing or jumping over the fence. The existing southern 4-foot fence is not solid, and is therefore inadequate.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201316	**CIP Project Name**	Hangar S-I and Airport I & II Seal Coat
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description The parking lots for the south Hangar S-I facility (22,510 SF) and the Airport I & II industrial buildings on the north side (42,000 SF) require a seal coat and the repainting of the parking stalls. Certain sections of the Airport I & II parking lot require approximately 2,000 square feet of pavement spot-repairs.

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	$78,000	$0	$0	$0	$0	$78,000

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
210	$0	$0	$78,000	$0	$0	$0	$0	$78,000
Total Funding	$0	$0	$78,000	$0	$0	$0	$0	$78,000

Project Justification:

The parking lot asphalt pavement surfaces for the above Airport facilities are worn and require a slurry seal coat to extend their lifespan. Also, some pavement sections show "gatoring" damage, and require spot-repair prior to the seal coat application.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	200636	**CIP Project Name**	Miscellaneous Airport Repair Design Services
Dept/Program	Airport	**GASB34**	Other
		Project Mgr/Lead	Public Works
		Project Status	In Progress

Project Location Livermore Airport

Project Description Airport consultant services for various planning and construction projects including design, cost estimating, bid specifications, and related tasks on an as-needed basis including miscellaneous repairs. The Fund 307 expenditure is part of an FAA grant in the amount of $105,263 for a Wildlife Hazard Assessment on airport lands in connection with the El Charro Specific Plan Infrastructure Project. See Transfer of Funds Sheet 999917.

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	$48,120	$125,270	$30,000	$30,000	$0	$0	$0	$233,390

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
210	$48,120	$20,000	$30,000	$30,000	$0	$0	$0	$128,120
307	$0	$105,270	$0	$0	$0	$0	$0	$105,270
Total Funding	$48,120	$125,270	$30,000	$30,000	$0	$0	$0	$233,390

Project Justification:

Since the Airport's planning and construction projects are subject to Federal Aviation Administration regulations and guidelines, consultant firms that specialize in airport design are commonly retained to prepare construction design, specifications and/or bid documents for airport proprietors. This allows for timely design of maintenance and safety projects at the Airport or projects that can be designed in-house.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201317	**CIP Project Name**	North & South Hangar Outside Painting
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description The outside paint surfaces on all 22 North and South Hangar buildings are oxidizing heavily. Power-washing and painting with a high-quality, UV-resistant metal paint is required. The project envisions that five (5) buildings each year would be painted over a 5-year period, starting with the older North Hangars and one Shelter. (North Hangars are estimated at $9,500 each; the South Hangars at $13,000 each, with a 5% cost increase between 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	$47,500	$50,000	$65,000	$68,300	$72,000	$302,800

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
210	$0	$0	$47,500	$50,000	$65,000	$68,300	$72,000	$302,800
Total Funding	$0	$0	$47,500	$50,000	$65,000	$68,300	$72,000	$302,800

Project Justification:

Repainting the outside panels of the Airport's sheet-metal hangar buildings is needed to avoid corrosion and maintain overall appearance.

Project 2010-27 Runway 7L-25R Overlay and Restriping

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201027	**CIP Project Name**	Runway 7L/25R Overlay and Remarking
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	In Progress

Project Location Airport

Project Description Overlay and repaint the entire 5,253' x 100' (+) main runway with two 150-foot overruns. Rehabilitate approximately 563,800 square feet of main runway surface with a new layer of asphalt. Repaint all runway markings. Repair and overlay a 20' x 1,000' section of the northside perimeter road (used by emergency vehicles) and realign the eastern portion to clear an ILS-protected area. Design and construction costs are eligible for a 95% FAA grant and will be split in two separate (2) FAA grants ($113,800-design and $2,003,727-construction).

Refer to Transfer of Funds Sheet 999914.

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	$149,470	$104,680	$2,295,320	$0	$0	$0	$0	$2,549,470

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
307	$149,470	$104,680	$2,295,320	$0	$0	$0	$0	$2,549,470
Total Funding	$149,470	$104,680	$2,295,320	$0	$0	$0	$0	$2,549,470

Project Justification:

The existing runway asphalt surface course has lost elasticity and is cracking. A new asphalt surface course overlay is needed to extend the life of the runway. The northside perimeter road pavement has failed in several areas and requires repair and overlay. Further, the FAA's Runway Safety Action Team determined that a small portion of the road penetrates and ILS-protected area, which requires the realignment of the road

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201313	**CIP Project Name**	Runway 7R/25L Overlay, Repainting & Lighting
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description Overlay and repaint the entire 2,699' x 78' runway surface. Cold plane top surface (0-3") and overlay 210,520 square feet of runway surface with at least a 2-inch layer of asphalt. Repaint all runway markings. Install runway lights and a new constant current regulator, and connect to Air Traffic Control Tower airfield lighting control panel. Design and construction costs are eligible for a 90% FAA Grant in the estimated amount of $612,090. The 10% costs to the Airport Operating Fund 210 are estimated at $68,000. (See Transfer of Funds Sheet 999919).

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	$680,100	$0	$0	$0	$0	$680,100

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
307	$0	$0	$680,100	$0	$0	$0	$0	$680,100
Total Funding	$0	$0	$680,100	$0	$0	$0	$0	$680,100

Project Justification:

The existing runway asphalt surface course has lost elasticity and is cracking. A new asphalt surface course overlay is needed to extend the life of the runway. Further the Visual Flight Rule runway will be outfitted with runway lights to improve safety, and alleviate current nightime acess and utility problems.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201314	**CIP Project Name**	Slurry Seal Northside Aprons and Taxilanes
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description Repair approximately 2,000 square feet of failed asphalt, crack and slurry seal approx. 328,000 square feet of northwest apron surface as well as approx. 253,000 square feet of northeast hangar access taxilanes. Repaint all pavement markings. Design and constructions costs are eligible for a 90% FAA grant in the estimated amount of $783,900. The 10% costs to the Airport Operating Fund 210 are estimated at $87,100. (See Transfer of Funds Sheet 999920).

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	$871,000	$0	$0	$0	$0	$871,000

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
307	$0	$0	$871,000	$0	$0	$0	$0	$871,000
Total Funding	$0	$0	$871,000	$0	$0	$0	$0	$871,000

Project Justification:

The existing apron and taxilane asphalt surfaces have been treated with several rejuvenator seal applications over the past decades. This sealing method has now lost its effectiveness, requiring a slurry seal coat to extend the life of the pavement.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201411	**CIP Project Name**	Slurry Seal Southside Hangar Taxilanes
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description Repair approximately 8,300 square feet of failed asphalt, crack and slurry seal approx. 466,000 square feet of taxilane surface. Repaint all pavement markings. Design and constructions costs are eligible for a 90% FAA grant in the estimated amount of $572,220. The 10% local share for the FAA grant will be out of the Airport Operating Fund 210 at an estimated cost of $63,580. (See Transfer of Funds Sheet 999921).

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	$635,800	$0	$0	$0	$635,800

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
307	$0	$0	$0	$635,800	$0	$0	$0	$635,800
Total Funding	$0	$0	$0	$635,800	$0	$0	$0	$635,800
M&O Costs 201411		$0	$0	$0	$1,660	$0	$26,640	$28,300

Project Justification:

The existing apron and taxilane asphalt surfaces have been treated with several rejuvenator seal applications over the past decades. This sealing method has now lost its effectiveness, requiring a slurry seal coat to extend the life of the pavement.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201318	**CIP Project Name**	South Hangar Fire Sprinkler System Retrofit
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description The Airport's 12 South Hangar buildings are equipped with reclaimed water fire sprinkler systems. The system plumbing (risers and pipes) is failing at an increasing rate due to internal corrosion, resulting in frequent and costly repairs. The plumbing system needs to be replaced with pipes that are internally lined with corrosion-resistant material in order to avoid ongoing, costly repairs and guarantee system longevity. The project envisions that up to (3) buildings would be retrofitted over a 4-year period. Uncertain at this time is how many underground loop system repairs are goig to be required, since one loop at Hangar S-7 has already failed.

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	$300,000	$350,000	$350,000	$360,000	$0	$1,360,000

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
210	$0	$0	$300,000	$350,000	$350,000	$360,000	$0	$1,360,000
Total Funding	$0	$0	$300,000	$350,000	$350,000	$360,000	$0	$1,360,000

Project Justification:

Replacing the corroding sprinkler system plumbing with new, corrosion-resistant material will avoid frequent, costly system maintenance and avoid pipe failures, which have resulted in extensive damage to tenant property. An improved system will significantly lower annual maintenance costs and guarantee long-term fire suppression system readiness.

City of Livermore, CA

Capital Project Worksheet

CIP Project Number	201026	**CIP Project Name**	South Hangar Skylight Replacement
Dept/Program	Airport	**GASB34**	Repairs / Maintenance
		Project Mgr/Lead	Public Works
		Project Status	Not Started

Project Location Airport

Project Description Replace aged and leaking roof skylights in the airport's south hangar.

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	$4,200	$45,000	$45,000	$0	$0	$0	$0	$94,200

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
210	$4,200	$45,000	$45,000	$0	$0	$0	$0	$94,200
Total Funding	$4,200	$45,000	$45,000	$0	$0	$0	$0	$94,200

Project Justification:

The south side hangar units are outfitted with 4 x 12 - foot fiberglass skylights. Installed in 1987, they have now deteriorated to a degree where they leak rainwater. Since the fiberglass has become too brittle and porous to allow proper sealing, their replacement is required to ensure a leak-proof roof.