



DATE: April 13, 2015

AGENDA ITEM # 7

TO: Environmental Commission

FROM: J. Logan, Staff Liaison

SUBJECT: Monthly staff report

RECOMMENDATION:

Receive monthly staff report

BACKGROUND

Monthly staff reports and updates will be discussed as listed below

DISCUSSION

1. Upcoming Council agenda items
 - a. Community Choice Energy Goals – April 28, 2015
 - b. Solid waste ordinance revisions – study session date to be determined
 - c. Storm Water Master Plan – to Finance Commission and then Council study session
 - d. Tiered water conservation measures
2. Bay Area Climate Collaborative/Prospect Silicon Valley
3. HERO program
4. Review Capital Improvement Plan (CIP) budget

Attachments:

- A. Bay Area Climate Collaborative/Prospect Silicon Valley
- B. Capital Improvement Projects Budget



1 North San Antonio Road
Los Altos, California 94022-3087

M E M O R A N D U M

DATE: April 13, 2015
TO: Environmental Commission
FROM: J. Logan, Assistant City Manager
SUBJECT: Bay Area Climate Collaborative (BACC)/Prospect Silicon Valley

Steering Committee Meeting
San Jose City Hall – Mayor’s Conference Room
March 25, 2015

Steering Committee Meeting Overview

Executive Director’s Report, Rafael Reyes

BACC is a public-private partnership established by business and civic leaders in 2009 and launched by San Jose Mayor Chuck Reed, San Francisco Mayor Gavin Newsom and Oakland Mayor Ron Dellums with the Silicon Valley Leadership Group to accelerate implementation of clean energy solutions in the region. BACC market acceleration programs work with more than half of the local governments in the 9-county Bay Area resulting in 100 million pounds of CO2 reductions committed over the next ten years.

The Steering Committee meeting is the first held since the integration of BACC into Prospect Silicon Valley (PSV). The BACC’s mission and programs remain the same under PSV – provide technical assistance, project management and fund development to support clean energy implementation.

BACC new programs are:

- College of San Mateo Internet of Energy Project funded at \$3M to demonstrate next generation of array-integrated solar (PV) + storage + power electronics and the “internet of Energy”
- EV Fleet Program – support local agencies in adoption of plug-in EVs for fleet service CarShare4All-program with Contra Costa Transit Authority to provide up to 14 EVs to transit locations close to the East Bay BART line
- Bay Area Charge Ahead Program – installation of 156 PEV level 2 charging ports in 17 Bay Area communities at over 40 locations to support public PEV charging

- Energize Schools – a program designed to serve 15 districts in the Bay Area impacting hundreds of schools to enable schools to invest in energy efficient retrofits through Proposition 39 funds
- Next Generation Lighting Initiative – support local agencies with leading edge analytics, resources and educational opportunities to catalyze the upgrade of 200k municipal streetlights in the region
- Lawrence Berkeley Lab project to identify and measure major efficiency opportunities to support reduction of statewide energy use for the small and medium building segment
- Lawrence Berkeley Lab project to develop and demonstrate smart charging control systems for 50 PEVs in the Alameda County's fleet
- Perspective Project School2Zero is a 3 year initiative to design and execute the update of an existing San Jose Unified School District elementary school to achieve net-zero energy and carbon utilization

Prospect Silicon Valley Overview

Doug Davenport, Executive Director

In January 2015, BACC and Prospect Silicon Valley integrated resources to strengthen programs that support technology commercialization and market acceleration toward development of sustainable, clean, high-tech cities. PSV is the first nonprofit, Silicon Valley-based effort launched by the City of San Jose in 2014 to catalyze the commercialization and growth of next generation energy and science technologies for emerging and established companies to support promising cleantech startup and to provide facilities for demonstration of new technologies.

BACC/PSV integration & Strategic Framework (see attachment)

This discussion presented the Prospect SV-BACC bold mission statement to accelerate critical solutions in carbon, energy and sustainability to

- Work across the spectrum of technology readiness – development, demonstration deployment
- Provide critical resources and accelerate market channels
- Leverage federal, state and local initiatives
- Partner across private, public and academic stakeholders

BACC/PSV serves as a launchpad, network and catalyst.

Focal points in the innovation programs are in:

- Transportation
 - Transit & mobility
 - Vehicle technology
 - Intelligent traffic systems
- Buildings & Energy
 - Integrated building systems
 - Data & digital platforms
 - Health & fitness

BACC/PSV hosts a demonstration center for analysis and demonstration of technology products.

Transition objectives are:

1. New stable “home” for the program
2. Retention of BACC mission brand, team, program
3. Shared commitment to success
4. Complementary mission
5. Added programmatic impact through complementary leverage

I will plan to attend meetings and continue to expand the network now established with BACC/PSV

City of Los Altos
Capital Improvement Program Status Report
December 31, 2014

[Green Box] = updated since last quarter

CIP #	PROJECT TITLE	Project Lead	Target Completion Date	Actual Completion Date	STATUS				
					Complete	In Construction/Progress	In Bid/RFP	In Design or Study	Not Started
ACTIVE PROJECTS									
Community Development									
-General									
CD-01001	Housing Element Update	D. Kornfield	12/31/14			X			
CD-01002	Commercial Wayfinding Sign Program	C. Lamm	6/30/15					X	
CD-01003	Public Art Projects	J. Maginot	Ongoing			X			
-Infrastructure									
01023	First Street Utility Undergrounding - Phase II	D. Brees	5/31/16					X	
CD-01004	Special Projects and Studies	M. Somers	Ongoing					X	
-Technology									
00316	Financial System Upgrade	Finance Director	8/31/14						X
00921	Public Works/Finance Document Archiving	J. Gustafson/K. Juran	TBD			X			
00923	Police Records Mgmt & Dispatch System	T. Younis	5/31/15			X			
01218	Document Management Systems	K. Juran/J. Maginot	8/31/15						X
01317	IT Initiatives	K. Juran	6/30/15			X			
Civic Facilities									
-Parks and Trails									
01214	Shoup Redwood Grove	TBD	TBD						X
01311	Skate Park (Skatable Art Work)	TBD	TBD						X
CF-01001	Redwood Grove Bank Stabilization (subject to grant funding)	D. Brees	10/31/15					X	
CF-01005	Covington Road Class I Pathway	C. Novenario	TBD					X	
-Buildings									
04-08	City Hall HVAC System	A. Fairman	6/30/16					X	
CF-01002	Civic Center Redevelopment	J. Walgren	12/31/14					X	
CF-01003	Civic Facilities Capital Recovery Projects	G. Gabler	Ongoing		X				
CF-01004	Halsey House Renovation/Replacement Study (requires funding)	J. Walgren	TBD					X	
CF-01014	Grant Park Classroom Wing Roof Replacement	K. Prasad	TBD						X
-Parking Lots									
Transportation 0									
-Streets and Roadways									
TS-01001	Street Resurfacing	K. Small	Ongoing			X			
TS-01004	Street Slurry Seal	K. Small	Ongoing			X			
00220	Fremont Avenue Bridge Replacement	V. Chen	12/31/15					X	
00325	Rehabilitate Portland Avenue Bridge	V. Chen	12/31/17					X	
TS-01002	First Street Resurfacing	V. Chen	5/31/16						X
TS-01003	Street Striping	K. Small	Ongoing			X			
-Pedestrian and Bicycle Safety									
TS- 01005	Concrete Repair	M. Bocalan	6/30/15					X	
TS- 01008	ADA Accessibility	M. Bocalan	Ongoing		X				
TS- 01006	Traffic Sign Replacement	K. Small	Ongoing			X			
00933	Miramonte Ave & Covington Road Traffic Signal	C. Novenario	TBD					X	
01012	Collector Street Traffic Calming	C. Novenario	TBD					X	
01118	Pedestrian Master Plan	C. Novenario	3/31/15					X	
01119	Portola Ave Sidewalk	K. Small	10/31/15		X				
01120	Grant Rd Pathway Bryant to Altamead	K. Small	TBD					X	
01207	Annual ADA Accessibility on San Antonio Road	M. Bocalan	10/31/14	11/30/14	X				
01306	MSC Driveway	M. Bocalan	10/31/14	1/31/15	X				
01316	Main Library Parking Lot	M. Bocalan	6/30/15					X	
01320	Intersection Bicycle Loops	K. Small/ C. Novenario	10/31/15					X	
TS- 01007	Neighborhood Traffic Management Plan (NTMP)	C. Novenario	As needed						X

City of Los Altos
Capital Improvement Program Status Report
December 31, 2014

[Light Green Box] = updated since last quarter

CIP #	PROJECT TITLE	Project Lead	Target Completion Date	Actual Completion Date	STATUS				
					Complete	In Construction/Progress	In Bid/RFP	In Design or Study	Not Started
ACTIVE PROJECTS									
TS-01014	SAR Cuesta/First Traffic Signal Improvement	K. Small/ C. Novenario	10/31/15					X	
TS-01016	Advanced Traffic Mgmt Feasibility Study	C. Novenario	10/31/15						X
TS-01017	Rubberized Cape Seal on Grant Road	K. Small/ C. Novenario	12/31/15					X	
Wastewater Systems									
-Sewer									
00612	Sewer Metering Stations	J. Gustafson	02/31/14			X			
WW-01001	Repair Maintenance Problem Areas	A. Fairman	11/30/17						X
WW-01002	Structural Reach Replacement, PCR (a)	A. Fairman	11/30/17						X
WW-01003	Root Foaming	V. Woo	12/31/15				X		
WW-01004	South Sewer Replacement	A. Fairman	11/30/18						X
WW-01005	CIPP Corrosion Rehabilitation	A. Fairman	6/30/18			X			
WW-01006	Fats, Oils and Grease (FOG) Program	A. Fairman	12/31/15				X		
WW-01008	Geographic Information Systems (GIS) Update	V. Woo	6/30/16				X		
WW-01009	Sewer Management Plan Update	A. Fairman	12/31/15				X		
-Storm									
00717	Storm Drain System Master Plan	V. Chen	6/30/15					X	
51	Total # of Projects				5	11	2	22	11
					Remaining active projects 46				