

Overview



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- City of Richmond Updates
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LBNL Project Update



City of
Richmond
California



Berkeley
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UNIVERSITY OF CALIFORNIA RICHMOND BAY CAMPUS Long Range Development Plan



Community Draft
August 12, 2013

Berkeley
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University of California Long Range Development Plan



City of
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California



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UNIVERSITY OF CALIFORNIA

- “A physical development and land use plan to meet the academic and institutional objectives for a particular campus or medical center of public higher education.”
- Establishes the **land use patterns and policies** to guide long-term implementation of facilities and infrastructure
- Accompanied by **environmental review** (CEQA) which describes potential impacts that could result from physical development

Richmond Bay Campus Community Input



Connectivity and Community Access:

- Provide convenient and safe bicycle access to the campus
- Provide connection to the Bay Trail and other pedestrian corridors

Site-Sensitive Design and Stewardship:

- Protect the site's valuable and sensitive natural areas
- Ensure ongoing health of wildlife and plant communities

Health and Safety:

- Address site contamination
- Protect safety of the Richmond community

Sustainability:

- Plan for sea level rise
- Use energy and water resources efficiently

Community:

- Minimize negative off-site impacts (e.g. traffic)
- Promote nearby development
- Coordinate with City of Richmond South Shoreline Area planning



Richmond Bay Campus Vision



A state-of-the-art, inspirational and sustainable place to produce world-class collaborative science for healthy living and sustainable communities

A center of innovation for national and international academic, government, non-profit and industry partners

Richmond Bay Campus Science

The development of solutions for 21st century challenges in energy, environment, human health, and the global economy.

Richmond Bay Campus Research Themes and Opportunities



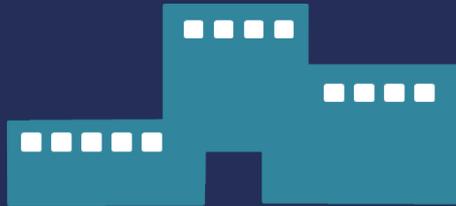
- Health and environmental sciences, with a potential focus on personalized medicine;
- Research & development for commercialization in advanced manufacturing and design;
- Energy systems and sustainability science—using the RBC as a living laboratory; possibly using the entire campus as a microgrid testbed;
- Co-location with industry to partner and sponsor research;
- Incubator space for start-up companies in a burgeoning East Bay Innovation Ecosystem;
- Prototyping and demonstration facilities for small and medium-sized enterprises;
- A hub for workforce development and training for the local community;
- Meaningful, applied learning opportunities for our students.



Richmond Bay Campus Campus Program



Long-Term potential -- multiple phases over ~40 years:



Up to 5.4 M square feet
and a population of up to 10,000

Possible Uses:

- Research labs
- Offices, Conference space
- Dining / Cafes
- Auditorium / Visitor center
- Operations facilities
- Parking
- Outdoor space

Population:

- UC Berkeley and Berkeley Lab research scientists and faculty
- Graduate and post-doctoral students
- Undergraduate students and interns
- Administrative staff
- Operational staff
- Synergistic industry partners, researchers, staff

An Illustrative Development Scenario



City of
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5.4 M sq ft

- Distinct walkable neighborhoods
- Shared activity zones
- Diversity of open edges and public access points
- Multi-modal grid connected to surrounding streets/trails
- Distinct visitor arrival experience
- Deflects wind; creates sheltered spaces
- East-west solar building orientation



Community Meetings and Schedule



Recent :

- *July 2012* *Initial community meeting on the RBC*
- *Sept 2012* *Community meeting on Science of the RBC*
- *Oct 2012* *Community meeting on LRDP concepts*
- *June 2013* *LRDP preview community meeting*
- *Aug 2013* *Community Draft LRDP published*

Upcoming (proposed):

- **Oct–Dec 2013** **Draft CEQA EIR comment period**
- **Nov 2013** **Public Hearing on Draft CEQA EIR**
- **Nov 2013** **Removal Action Workplan (DTSC) Public Review**
- **May 2014** **UC Regents decision on LRDP, EIR**

City of Richmond Updates



- Existing Partnerships
- UC Berkeley Social Sector Solutions (S³) Study
- South Shoreline Specific Plan (SSSP)
- Connectivity Plan

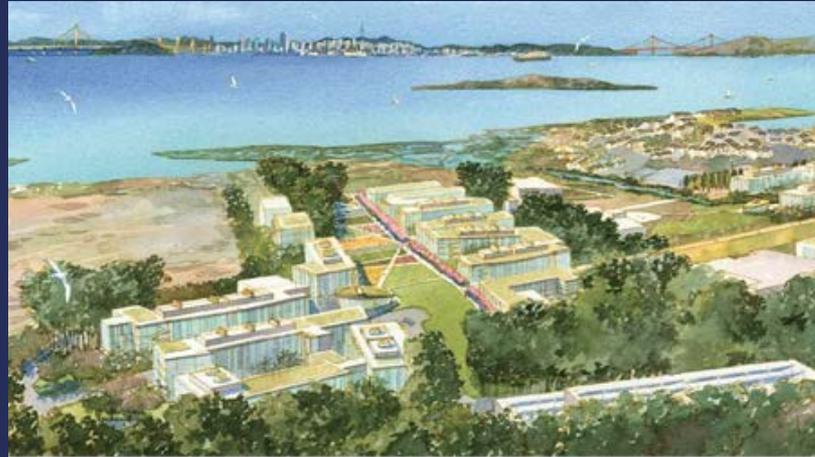
Existing Partnerships

- Richmond Health Equity Partnership
 - Health in All Policies
 - Health Equity Data & Training

- Center for Cities and Schools
 - Y-PLAN
 - Community Schools



Social Sector Solutions (S³) Study

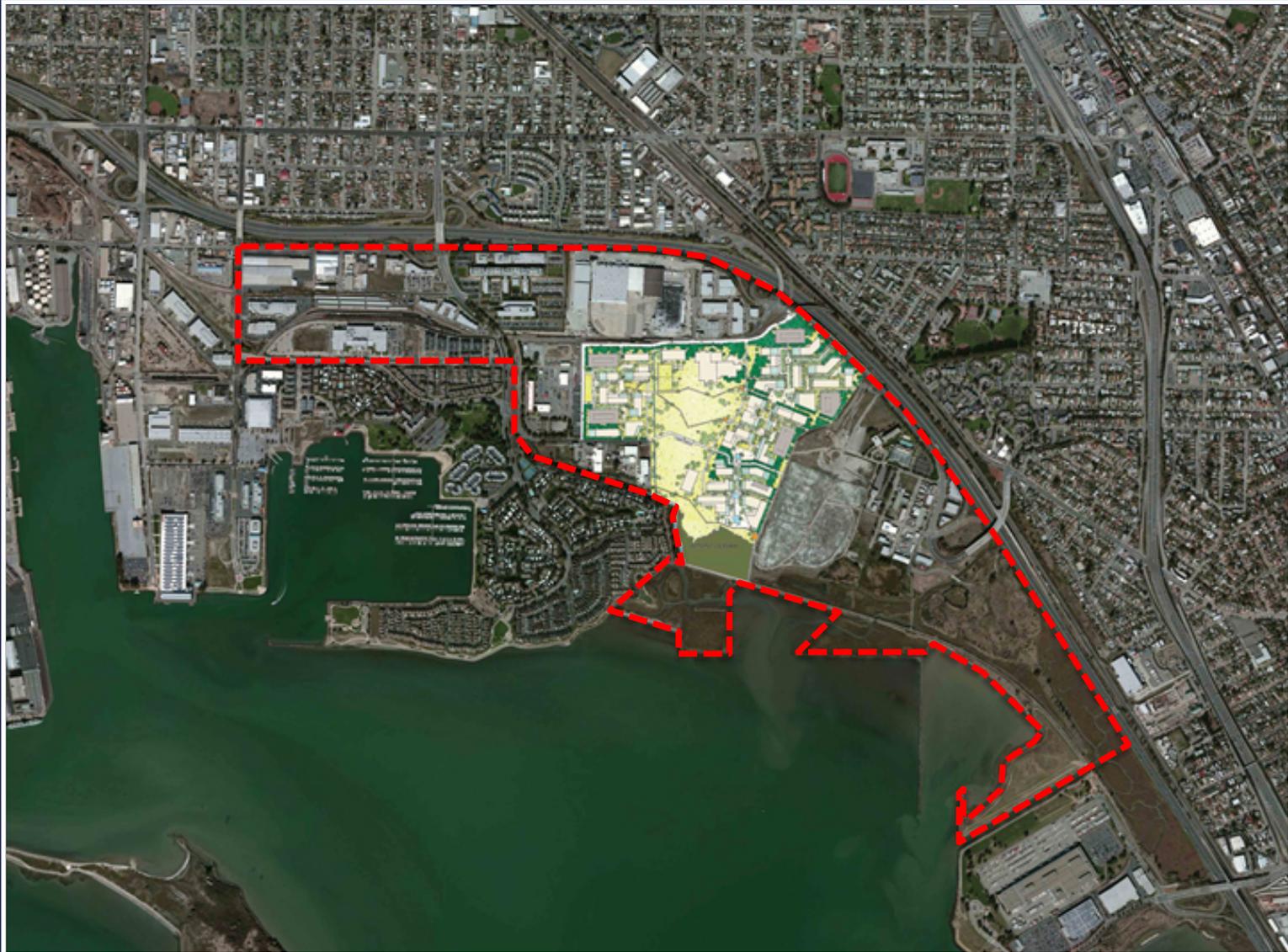


The Richmond Bay Campus Report
Strategic Business Plan and Marketing Strategy
Positioning Richmond for Success

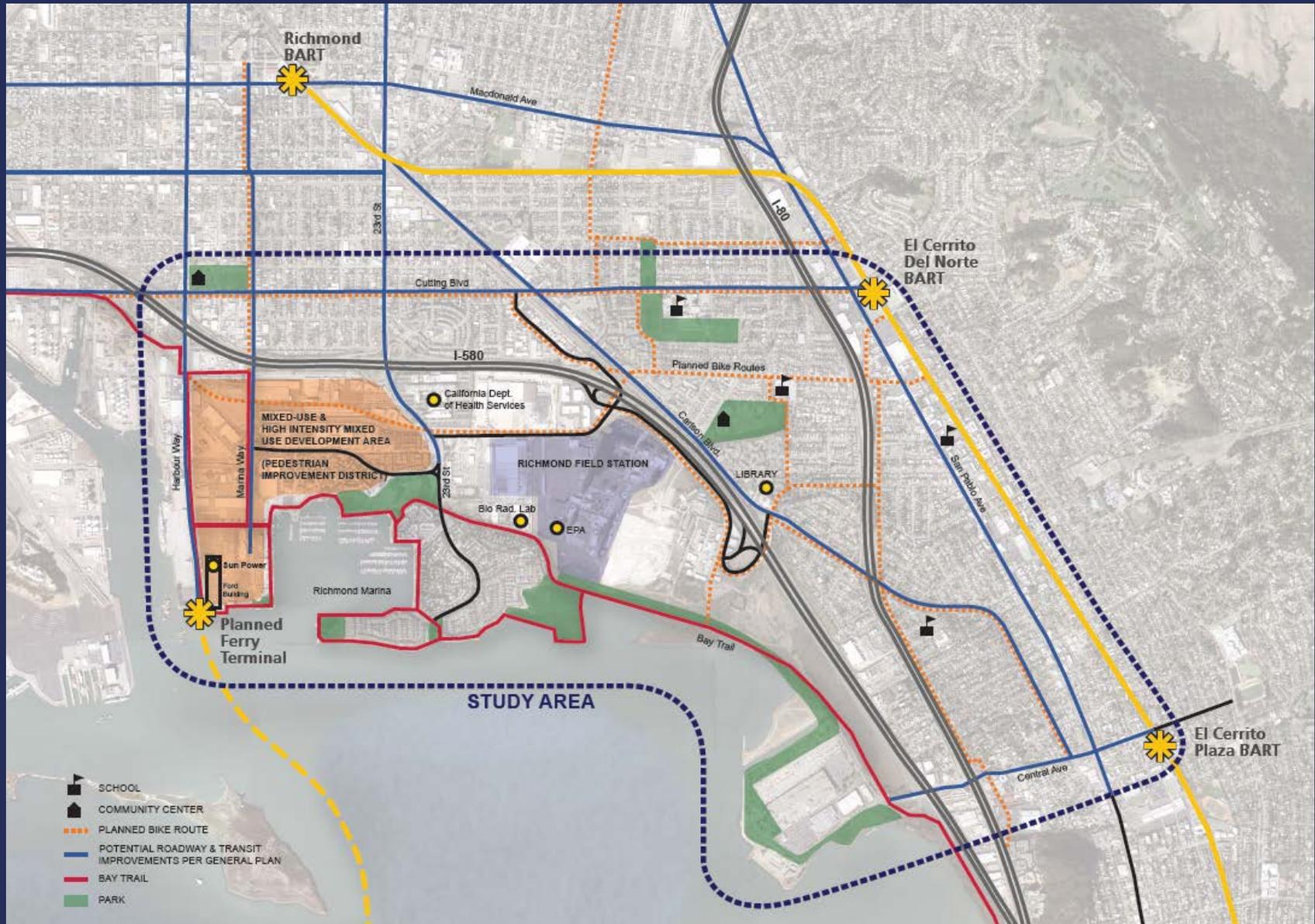
Fanzi Mao | Sophia Le | Jenna Goodward | Suguru Kitagaki | Louis Caditz-Peck

Social Sector Solutions
University of California
Berkeley
Haas School of Business

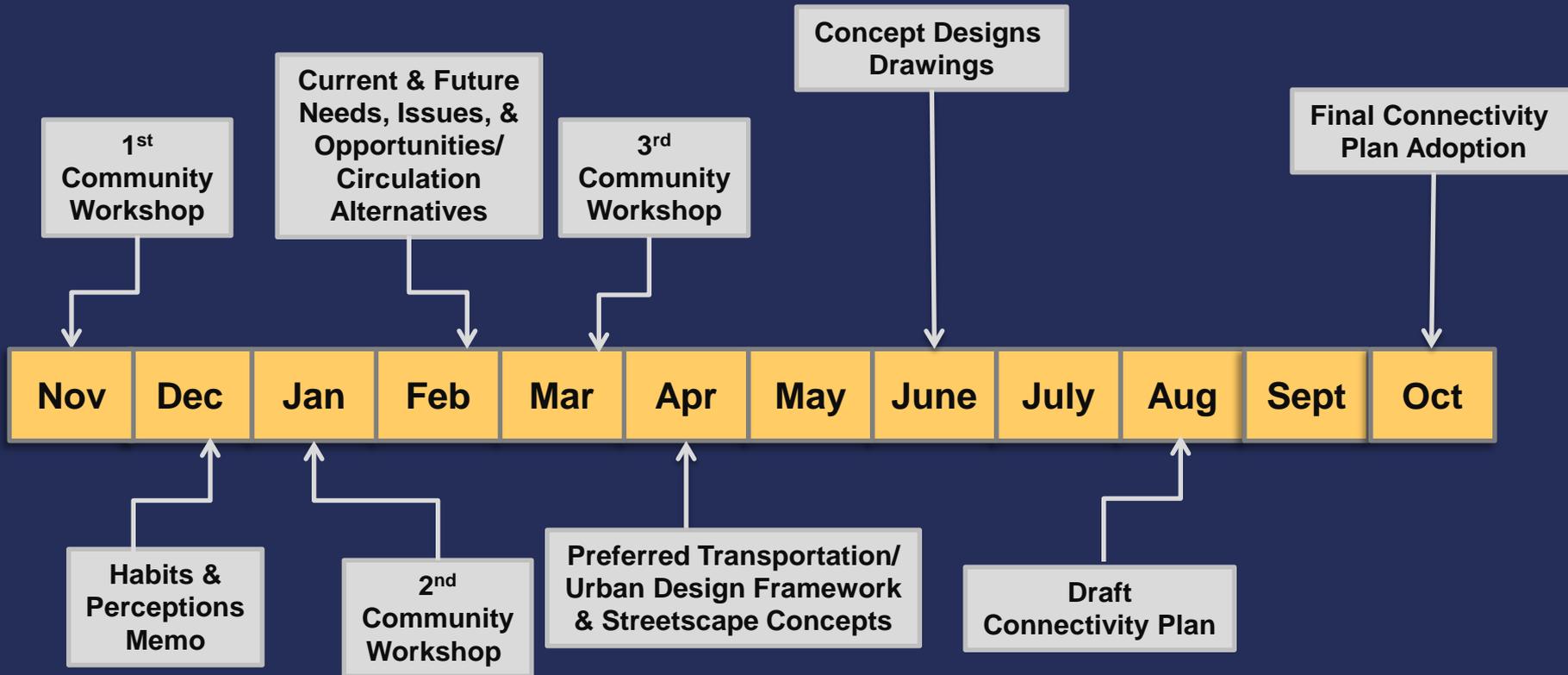
South Shoreline Specific Plan Area



Transportation Connectivity Plan



SRTCP Timeline



Community Input



1. Transportation & Connectivity

- a) Traffic & Congestion
- b) Railroad
- c) Multi-Modal & Connectivity
- d) Shuttles
- e) Freeway Access

2. Economic Development

- a) Support Existing Business
- b) Job Training
- c) Innovation, Technology

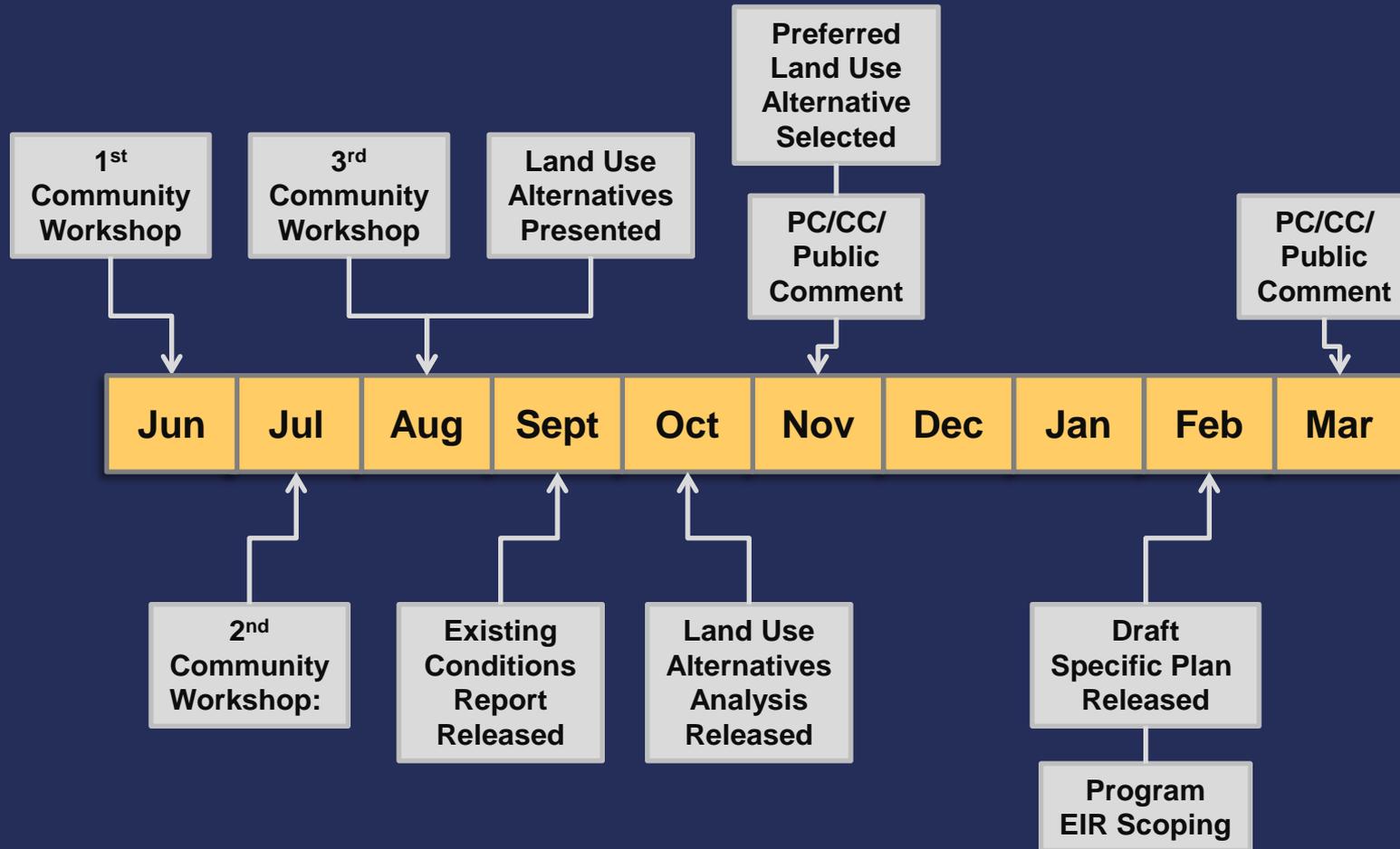
3. Environmental & Open Space

- a) Cleanup
- b) Ecosystem Protection
- c) Recreation
- d) Distributed
- e) Connected

4. Land Use

- a) Long-Term
- b) Supportive of LBNL
- c) Mixed-Use, Transit
- d) Industry, Culture, History

Specific Plan Timeline



Work in Progress

Development Alternatives Document:

- Three development alternatives – low, medium, high intensity
- Illustrative plans and drawings of each alternative
- Feasibility evaluation for each alternative
- Summary of community and stakeholder input
- Market strategy
- Affordable housing strategy
- Transportation strategy

Planning Commission review and City Council direction in November.

Summary



City of
Richmond
California

Business Times
SEPTEMBER 13-19, 2010 | ADVERTISING SUPPLEMENT

Richmond!
Your Home Front for Business

The home town of "Rosie the Riveter" carries on the can-do tradition

Room to Grow
Richmond's Southern Shoreline offers development opportunity. 7

Tech and Life Sciences
Richmond Bay Campus promises growth in sectors. 10

Outdoor Recreation
Miles of bike and walking paths to explore a spectacular setting. 16

Celebrating Diversity
Neighborhoods reflect the area's cultural richness. 20

Richmond Renaissance: The Richmond Bay Campus Effect

"The opportunities - from job creation to new partnerships and spin-off industries - are endless."

Richmond City Manager Bill Lindsay



Science of Health at the Call Energy Campus Summer program

The selection of the University of California's Richmond properties along the city's southern shoreline as the preferred site for a new, joint UC Berkeley-Lanterns Berkeley National Laboratory's (LENL) Campus promises to be "a catalyst for a continued Richmond renaissance," says Richmond City Manager Bill Lindsay.

"The opportunities from job creation to new partnerships and spin-off industries are endless."

The proposed site presents an excellent opportunity to address the city's future open space needs while allowing for long-term growth and maintaining the 10-year tradition of close cooperation with the UC Berkeley campus. While LENL plans call for housing existing scientists to the new campus and accommodating future growth, the university needs additional space for new and existing research endeavors, particularly in the areas of energy, bioenergy and health.

"The choice of the Richmond site creates tremendous opportunities for the campus and the surrounding community. Beyond an expansion of the research we conduct in the public interest, we also envision a new hub of collaboration with private sector entrepreneurs who not only translate our discoveries in to beneficial goods and services that will generate a great deal of economic activity," says Graham Fleming, UC Berkeley's vice chancellor for research.

"This is a phenomenal win-win proposition for the campus and our neighbors."

ECONOMIC BENEFITS

The new UC-Berkeley campus will not only bring in millions of dollars in one-time revenue, but also reinforce the city's position as one of the most desirable business locations in the region.

Several LENL spin-off companies, including PowerLight (space acquired by Shell Power) are already based in Richmond. Future development could include light industry, small businesses, neighborhood-serving retailers and big box stores.

"We have the available land and we're interested in working with property owners to link businesses, the city, the job and the university," says Lindsay.

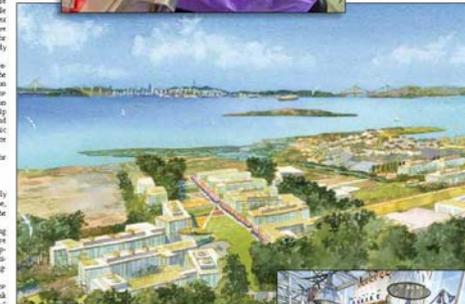
The new 13-acre Richmond Bay Campus could eventually house up to 5.4 million sq. ft. of research, lab, office, conference space, an auditorium and outdoor space. The campus, which will be built over a 40-year span, will be open to the public, retaining access to the Bay Trail and 20 acres of natural open space.

"While construction of the LENL facilities in Richmond will likely be heavily funded, the university is looking beyond government funding sources for its portion of the project."

"We will need to aggressively pursue a wide range of financing options to realize our strategic objectives," said John Wilson, UCER's director for administration and business development. "We will need to aggressively pursue a wide range of financing options to realize our strategic objectives."

DISCOVERIES & INNOVATION

During Phase 1, the new campus is expected to house some 100 employees engaged in cutting-edge research. Powering vehicles with clean, renewable fuels, converting microbial algae



Above: Rendering of the proposed Richmond Bay Campus. Right: Commercializing biological research will be one of the aims of the work done at the new campus.

to remove their pollutants from the environment; discovering the future that cause healthy cells to turn cancerous and controlling technological research are just some of the possibilities to be explored from UC-Berkeley research.

"Widely recognized as one of the world's premier research institutions, LENL, an U.S. Department of Energy (DOE) national laboratory managed by the University of California,

UC Berkeley Chancellor Nicholas Dirliko envisions the Richmond campus as a magnet for researchers and scientists from around the world, and a source of solutions for challenges both local and global.

Research programs will be focused on confronting challenges to the global economy, environment and human health," says Dirliko. "New economic activity, along with our university-community partnerships and programs on and off the site, will help to confront those same challenges on a local level."

For more information on the Richmond Bay Campus, go to www.ucrichmond.ca.us/rbc.



Questions & Answers



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