

Public Works Commission

Regular Meeting
PUBLIC WORKS COMMISSION
Agenda
Thursday, March 6, 2014 at 7:00 p.m.
City of Berkeley Corporation Yard
Ratcliff Building, 1326 Allston Way

7:00 pm CALL TO ORDER: Chair will call the meeting to order; Secretary will call roll.

7:05 pm PUBLIC COMMENT: Each speaker is limited to three (3) minutes.

7:10 pm APPROVAL OF MINUTES: Regular Meeting of February 6, 2014 *

7:15 pm CHAIR REPORT: None

7:20 pm STAFF REPORT:

1. Brown Act training reminder.

7:30 pm PRESENTATION: Alternative Green Infrastructure Funding by Alexis Schaffler

7:55 pm ACTION ITEMS: (Matters for discussion and possible action)

1. Update on the residential curbside electric vehicle charging policy by Larry Henry and a vote on the recommendations being made by the Transportation Commission.*

8:15 pm INFORMATION ITEMS: (Action may be taken on any information item at this meeting if a majority of Commissioners votes to move it to an action item. This vote may take place at or before the time the item is scheduled to come up).

1. Update from the Public Works Department on the 5-year paving plan development schedule.
2. Discuss setting up a sub-committee meeting with Community Environmental Advisory and Parks and Waterfront Commissions in March. This is to get their input to the 5-year paving plan, with an emphasis on the watershed components.
3. Report on Council referral to evaluate water conservation measures in response to California's drought.*
4. Report on Council discussion of the San Pablo Avenue green stormwater spine project in Berkeley.
5. Update on Allston Way Permeable Paver Project.
6. Update on the sidewalk policy scheduled to go to City Council in April.
7. Report by Ray Yep on coordination with the Parks and Waterfront Commission. *

9:20 pm FUTURE AGENDAS:

1. Transportation grants
2. Local hazardous mitigation plan
3. Sidewalk program policy update
4. Public outreach

9:30 pm ADJOURNMENT

* Indicates written material included in packet.

** Indicates material to be delivered at meeting.

A complete agenda packet is available for public review at the Engineering Division front desk.

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SB 343 Disclaimer:

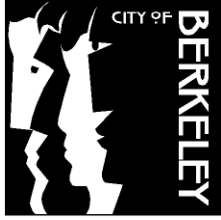
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Acting Commission Secretary:

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Public Works Commission

**Regular Meeting
PUBLIC WORKS COMMISSION
Minutes
Thursday, February 6, 2014
1326 Allston Way, Ratcliff Building**

CALL TO ORDER: 7:06 PM

Present: Haramati, Henry, Kelley, Neal, Schueler, Swift, Yep

Absent: None

Leave of absence: None

Staff: Sean Rose (PWC Secretary), Andrew Clough (Public Works Director)

PUBLIC COMMENT: No members of the public were present. Secretary Rose read aloud the public comment received prior to the meeting from Mr. Fred Schlachter regarding Electric Vehicle charging in the public right of way (written comments attached)

APPROVAL OF MINUTES: The minutes of the Regular Meetings of November 7, 2013 and January 9, 2014 were approved as amended to correct formatting and spelling errors. The amended minutes were approved (MSC Schueler/Kelley, with a vote of 7-0-0)

CHAIR REPORT: None

STAFF REPORT: Liz Garcia of the Economic Development Office gave an informational presentation on the Sacramento Street Improvement District.

ANNOUNCEMENTS: None

PRESENTATION: None

ACTION ITEMS:

1. **Elections for Chair and Vice-Chair for 2014:** Commissioner Kelley moved to close nominations (MSC Kelley/Henry, 7-0-0). Commissioner Schueler moved to re-elect

Ray Yep as Chair (MSC Schueler/Swift, 7-0-0) and Commissioner Kelley moved to elect Travis Neal as Vice-Chair (MSC Kelley/Schueler, 7-0-0)

INFORMATION ITEMS:

1. **Report on potential collaboration between UC Berkeley and the City of Berkeley on Measure M implementation:** Commissioner Schueler and Secretary Rose provided a summary of the recent meeting between City staff and Max Gomberg and Mike Kiparsky. The Commission and staff discussed the need for the Measure M subcommittee to meet in mid-March to review the draft updated 5-year paving plan, in order to meet the schedule for Council to adopt the plan in July before the summer recess.
2. **Residential curbside electric vehicle charging policy review:** Commissioner Henry provided an update on the recent EV subcommittee meetings. The subcommittee is meeting again on February 20 to review the draft policy recommendation that will be forwarded to Council.
3. **Sidewalk Maintenance Policy:** Secretary Rose provided an update on the City's sidewalk maintenance program and 50/50 policy.

FUTURE AGENDAS:

1. EV charging in the public right of way
2. Sidewalk program update
3. Transportation Grants

ADJOURNMENT: 9:44 PM



Jesse Arreguín
Councilmember, District 4

CONSENT CALENDAR
February 25, 2014

To: Honorable Mayor and Members of the City Council
From: Councilmembers Jesse Arreguín and Gordon Wozniak
Subject: Water Conservation Measures

RECOMMENDATION

- 1) Refer to the Public Works and Environmental Advisory Commissions the issue of California’s historic drought to explore possible voluntary and/or mandatory water conservation measures along with public education and outreach, and to return to Council with a recommendation.
- 2) Request that the City Manager provide a report to Council on the measures proposed and already undertaken by the City to address the drought.

FISCAL IMPACTS OF RECOMMENDATION

Unknown. Some staff time involved in the study and possible execution of water conservation measures, as well as possible savings from such measures.

BACKGROUND:

California is experiencing one of the driest winters on record that, coupled with dry years that have nearly depleted reservoirs the last two years, has led to Governor Jerry Brown to declare a drought emergency and directed State officials to take all necessary actions to prepare for the drought conditions. In addition, Governor Brown has called on all residents to reduce water consumption by 20 percent.

While the recent tropical storm dubbed “pineapple express” brought much needed rain, it is not enough to offset years of diminished rainfall. The City of Berkeley has already taken measures to reduce water consumption as a part of the City’s Climate Action Plan. However, due to the drought, there is a critical need for additional water conservation measures to ensure the continuity of the Berkeley’s severely impacted water source, the Sierra Nevada.

Berkeley’s largest source of water consumption is single-family homes, accounting for 34% of water use in 2011. Through public education there can be greater awareness of the need to conserve water and the simple, free methods to do so. East Bay Municipal Utility District offers free water conserving showerheads, faucet aerators, and hose

nozzles upon the completion of a home water use survey as well as rebates on high-efficiency toilets, clothes washers, and irrigation systems. Dissemination of this information and the promotion of voluntary water conservation methods such as checking for and repairing leaks, watering plants only as needed, restricting water use of non-essential activities, can greatly enhance conservation efforts.

Meanwhile, other Bay Area cities have explored a variety of voluntary and mandatory measures, including the City of Healdsburg, which has requested evening-and morning-only watering, a 20% decrease in water usage at car washes, and prohibiting a variety of non-essential uses of water during the drought, etc.

Additionally, the City may want to consider a decrease in its water usage to “stress levels” for turf in medians, and/or eventually phase out turf in the medians for drought resistant foliage and woodchip groundcover.

CONTACT PERSON:

Jesse Arreguin, Councilmember, District 4

981-7140

Agenda ItemB1
February 20, 2014

To: Berkeley Transportation Commission
From: Terry Roberts, Chair
February 12, 2014

Re: Electric Vehicle Charging Subcommittee Report and Recommendation
Commissioners;

The EV Charging subcommittee held two publically noticed meetings regarding the City Council referral asking for our recommendations to establish a possible pilot program for EV curbside charging in the public right of way.

At its meeting on February 4, 2014 the attached recommendations were approved by the subcommittee for forwarding to the TC for discussion at our February 20, 2014 meeting.

I will be unable to attend the Feb 20 meeting so I've ask Commissioner Thomas to lead the TC discussion on behalf of the subcommittee with input from Commissioner Bartlett and Farid Javande1 both of whom attended the subcommittee meeting.

Presuming there are no legal issues that arise at the meeting, or other major new information that may need further study, my recommendation is that the TC support the pilot program and forward the TC's recommended conditions of approval to the City Council.

/s/
Terry Roberts
Chair

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Transportation Commission Subcommittee Recommendations for a Pilot Program Allowing Curbside EV Charging Stations in the Public Right of Way under Certain Conditions

Notes from February 4, 2014 Berkeley Transportation Commission subcommittee on electric vehicle charging stations. Meeting considered the City Council referral of a pilot program for EV charging curbside in the public right of way. The subcommittee supported the idea of a pilot program under the following conditions. Those present Commissioners T. Roberts, G. Thomas, and B. Bartlett, and staff F. Javandel. Absent: D. Lathbury. To be forwarded to the Transportation Commission for action on February 20, 2014.

1. The "pilot" must have a specified duration (recommend three years), evaluation criteria and data tracking mechanism, maximum number of pilot installations (recommend up to 25), and contingency plans for success or failure of the pilot.
2. Applications for curbside charging could be considered if there are ~~1) no on-site spaces legally available that would not impact the public ROW and 2) no on-site space that could be created where some city variances are needed to legally/practically locate the station on the site, which would not impact the public ROW.~~ Zoning Adjustments Board should be encouraged to approve front yard parking for EV charging. Front yard parking spaces should may be acceptable if installed for the purpose of on-site EV charging and approved by ZAB.
3. Applications must include installation plans with map of existing utility infrastructure along the property frontage. This will confirm that there are no conflicts with other existing utilities and underground laterals as well as providing a basis for marking of any new conduit as part of underground service alert requests .
4. Allowing private charging to impact the public right of way should be need based, not merely out of convenience or preference. This policy would apply to existing residential single family and multifamily dwellings and be applicable to owners and tenants at owner's discretion. A policy for commercial properties may be considered at a later date.
5. Use of the charger is to be under the control of the property owner, and would be for private use. In other words the chargers will not be available to all. This avoids the need to be ADA compliant. The legality of this should be confirmed by the city attorney prior to moving forward with a policy. If ADA requirements need to be met according to the city attorney then advice on ADA compliance should be solicited from the Commission on Disability prior to moving ahead with the policy. The charger would be for private use only, or, if the owner wishes to make the charger available to the public, it must be made ADA compliant and available to the public at all times, at no cost.
6. Chargers and cabling systems must meet a safety standard to be determined, including failsafe shutoff features. This could be achieved by utilizing Type I, (120V AC) Type II (208, 220, 230 or 240?V) or (480 V AC) commercial chargers, and possible curbside cord management systems. All installations must be handled by licensed and certified electrical contractor. Simply installing

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an outlet would not be permitted .

7. The encroachment permit for a charger must come from or be approved by the property owner, not just a tenant.

8. Installation and maintenance of chargers would be at the expense of the owner/applicant.

9. There may need to be a deposit (the amount to be determined by the city) or other provision for removal of chargers in the event of abandonment or other problems. Periodic (5 year) inspection may be needed to assure chargers are in a good state of repair and do not pose any hazard or blight.

10. Installation of a charger may not create a "private" or "reserved" parking space on the street. Curbside parking at the charger location would be available to all using normal parking regulations, ~~but EV charging in the space is for private use only.~~ The curbside parking stall would be used on a first come first served basis either by an EV charger or other street parker. Signs at curbside should clarify that there is not any parking restriction associated with a charger, ~~but that the use of the charger is private.~~ An EV charger would not have parking preference for the space.

11. Approval of curbside chargers may be subject to parking occupancy limits, which would need to be determined. i.e., no chargers allowed if street parking occupancy at two different observation times is over 85%, unless at least 75% of the neighbors agree to the charger being installed through a petition process. The city will evaluate the parking needs and make a determination accordingly. Time of day parking restrictions may apply . EV chargers would be subject to all parking restrictions . Clear signage would be installed advising both EV chargers and other parkers of the rules for parking on the street at the EV charging site.

12. Applicants shall provide notice to all neighbors prior to issuance of a permit . sharing the regulations and guidelines about use of such chargers and adjacent parking spaces . Neighborhood concurrence may be required.

13. Applicants shall indemnify the City for any harm arising out of installation, use, or misuse of the charger per city attorney requirements.

14. Any cords connecting the charger to a vehicle shall be configured so that they do not cross a driveway, sidewalk, or passenger unloading area. Cord management systems shall be employed that avoid creation of potential trip hazards where needed .

15. Application process should be made as easy as possible to minimize the temptation for people to ignore or violate the process. Appropriate penalties for violations will need to be established by the city both to encourage application for a permit and as fines for disregarding parking or charging regulations, failure to obtain a permit, or breach of other regulations.

16. The city should consider incentives to encourage EV use and charging; possibly waiving or reducing application and permit fees for chargers or associated facilities.

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17. The city should establish design standards for EV stations to insure they are safe, are not a blight on the neighborhood, and that appropriate aesthetics are considered and required.

By Terry Roberts, Chair
February 12, 2014

TO: Berkeley Public Works Commission
FROM: Ray Yep
DATE: February 28, 2014
SUBJECT: Parks and Waterfront Commission meeting with Public Works and Parks, Recreation, and Waterfront Departments,
Regarding Aquatic Park

Jim McGrath (Chair) and Toni Mester (Vice-chair) set up a meeting with Andrew Clough and Scott Ferris to discuss Aquatic Park. Attending the meeting was:

Public Works Department:	Andrew Clough, Sean Rose, Lorin Jensen
Public Works Commission:	Ray Yep
Parks Department:	Scott Ferris, Deborah Chernin
Parks & Waterfront Commission:	Jim McGrath, Toni Mester

Jim provided an agenda and it included a)meeting purpose, b)water quality drivers, c)permitting issues, d)flood control issues, e)funding issues, and f)communications. Jim and Toni described Aquatic Park as an aging infrastructure that has water quality issues, flood control issues, and needs a collaborative process. Their desire is to improve the water quality and to make the park a better resource to the people of west Berkeley. The discussion included:

- The water quality issues include the fresh water/salt water mixing, eutrophication, trash, etc. The desire of the Parks/Waterfront Commission is to have water be mostly saline to promote fish and support bird life.
- The hydraulics issues involve the condition of the tide tubes and the capacity of the storm drains. Flooding occurs in west Berkeley during large storms and high tides.
- Public Works has installed about 190 storm drain trash filters in the City. More is being planned.
- Deborah said the comment period on the Aquatic Park Improvement Plan EIR has closed. Staff and the consultant have been preparing responses to the public comments. A final draft EIR will be issued at the end of March. It will likely be put out for public review again.
- Jim recommended that an update meeting be held with the RWQCB. He also suggested a briefing on Aquatic Park to their commission.
- Sean provided an update on Measure M and the Green Infrastructure projects being planned. He also discussed the coordination with Caltrans on the Ashby/180 interchange proposed improvements.

There were no discussions that directly affect the Public Works Commission. Ray was invited to attend in the spirit of sharing information and collaboration.