

Public Works Commission

Regular Meeting
PUBLIC WORKS COMMISSION
Agenda
Thursday, April 4, 2013 at 7:00 p.m.
Willow Room (Ratcliff Building)
Corporation Yard, 1326 Allston Way

7:00 pm CALL TO ORDER:

The Chair will call the meeting to order and the Secretary will call roll.

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

7:15 pm APPROVAL OF MINUTES: Regular Meeting of March 7, 2013

7:20 pm CHAIR REPORT:

7:25 pm STAFF REPORT: Status of Permeable Paving Trial Project

7:30 pm ANNOUNCEMENTS:

7:35 pm ACTION ITEMS: (Matters for discussion and possible action)

1. Council referral on LED street lights:

- a. Review comments made by Council at March 19th workshop on infrastructure needs
- b. Review and approve updated report to Council*

2. Renaming of Berkeley Public Health Clinic: Review and approve report to Council**

3. Measure M

- a. Recap of March 19th Council workshop on infrastructure needs
- b. Recap of March 19th Council approval of agenda item 40c*
- c. Update on public input process and development of a Program Plan

This meeting is being held in a wheelchair accessible location.

To request a disability-related accommodation(s) to participate in the meeting, including auxiliary aids or services, please contact the Disability Services specialist at 981-6346(V) or 981-7075 (TDD) at least three business days before the meeting date.

Please refrain from wearing scented products to this meeting.

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E-mail: publicworks@ci.berkeley.ca.us

4. Update of Sub-committee Assignments

- a. Measure M
- b. Paving
- c. Street lighting

8:50 pm INFORMATION ITEMS:

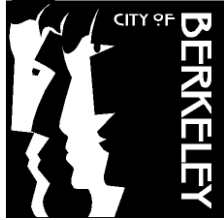
(Action may be taken on any information item at this meeting if a majority of Commissioners votes to move it to an action item. This vote may take place at or before the time the item is scheduled to come up).

- 1. Brown Act Training:** Commissioner Neal**

8:55 pm FUTURE AGENDAS

9:00 pm ADJOURNMENT

- * Indicates written material included in packet.
- ** Indicates material to be delivered at meeting.



Public Works Commission

Regular Meeting
PUBLIC WORKS COMMISSION
Minutes
Thursday, March 7, 2013

CALL TO ORDER: 7:05 p.m.

Present: Henry, Haramati, Kelley, Neal, Yep

Absent: Schueler

Vacancies: Capitelli, Moore and Worthington Appointments

PUBLIC COMMENT:

1. **Adena:** She is here tonight because she is interested in being on the commission.
2. **Tony Bruzzini:** He is interested in several issues regarding his neighborhood: Spruce between Cedar – Virginia. There is poor street lighting – he would like to see it increased. And the street needs paving.

APPROVAL OF MINUTES: The minutes of the Regular Meeting of February 7, 2013 were amended as follows: The names of speakers at the Public Comment section were filled in as follows: 3. Kirstin Miller, 5. Diz Swift, 6. Nicole Schneider. Under Approval of Minutes, “the Schueler proposal” was changed to “the Schueler meeting notes.” Under Action Item 1 “Drew Kent” was changed to “Drew Goatting.” Under Action Item 4d, “CEAQ” was changed to “CEAC” and “the discussion of changing the conflicting commission meeting times was ended with no conclusion” was added. The amended minutes were adopted (MSC Henry/Haramati, with a vote of 5-0-0).

CHAIR REPORT: Commissioners are encouraged to search for new members interested in serving on the Commission.

STAFF REPORT: Status of Permeable Paving Trial Project: The second meeting with the consultants is set for March 25, 2013 to review the results of the evaluations of the candidate sites.

ANNOUNCEMENTS: None.

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ACTION ITEMS:

1. Review of PWC Yearly Work Plan: The plan was reviewed, as resulting from the December 2012 Special Meeting. After the Measure M public process, priorities were set to add in as possible: 1) Street Lighting, 2) Sewers, 3) Envision, 4) Complete Streets (with Measure M), 5) Street Renaming (probably defer to next year).

2. Council Referral on LED Street Lights: Approve Report to Council: the secretary's draft was not accepted because it sounded like the PWC are subject matter experts, among other things. Discussion indicated that commissioners were interested in dimmable or switchable fixtures and a gradual rollout citywide. Commissioner Haramati will re-write the council report for approval at the April meeting.

3. Renaming of Berkeley Public Health Clinic: Approve Proposal: Discussion included the established criteria that a person being named be deceased for at least a year. In this case, the date is November 12, 2012. It was noted that Council could override this with a 2/3 vote, in accordance with section 3c of the current guidelines. Commissioner Neal will write a council report with the naming recommendation for adoption at the April meeting.

4. Measure M

- a. Review of Staff Presentation for Council Workshop: The council reports for both the Work Session and the Regular meeting on March 29, 2012 have been published and are available on the City website. It was noted that the emphasis is on an accelerated paving plan.
- b. PWC Program Development Work Plan: There is much to do by September, noting the three public meetings proposed.
- c. Notes from Meeting with League of Women Voters: The commission walked through the enclosed notes and discussed as appropriate. The LWV rules need to be reviewed.
- d. Selection of a Measure M Implementation Sub-committee: Commissioners Yep, Henry and Kelley were appointed to the subcommittee (MSC Haramati/Henry, with a vote of 5-0-0) and to have a special meeting with the CEAC subcommittee.
- e. Verbal report on meeting with Mayor Bates: Questions raised: 1) Is there buy-in from the PW Director? 2) Does the skill set exist (League of Women Voters)? 3) What is the cost (resources needed)?

INFORMATION ITEMS: None.

FUTURE AGENDAS

1. Measure M Process
2. Brown Act Training
3. Health Facility Naming
4. LED's

ADJOURNMENT: 9:32 p.m.

INTRODUCTION

In February 2012, the Council referred the matter of converting to LED street lights to the Public Works and the Energy Commissions. Due to evolving technologies, scenarios for implementation, and discussion held at the Council's March 19th workshop, this report back to Council was held off to incorporate the latest developments.

CURRENT SITUATION AND ITS EFFECTS

The two Commissions conferred and the Public Works Commission was designated to be the lead in responding to the Council. Input from the Energy Commission was provided as they discussed the three questions raised by the Council referral during its January 2013 meeting. The Energy Commission noted that there are no apparent legal or regulatory obstacles to LED retrofits and that LED retrofits may be economically viable if bulk purchasing can bring down costs below those of the Marina pilot project.

Regarding the color of the LEDs, the Energy Commission expressed that this is an issue of individual perception and preference and although the Commission does not have a strong opinion on the subject, it is willing to look into it further if asked by the Council. The Commission did suggest that staff consider piloting LEDs in some residential areas.

BACKGROUND

In FY2013, \$48,000 was budgeted in capital improvements to leverage the conversion of City street lighting to LED fixtures. A pilot project was completed at the Berkeley Marina and another is planned for Telegraph Avenue between Bancroft and Dwight Way.

The main economic benefit from LED lighting is their greater efficiency over traditional and other alternative lighting sources. This efficiency results in cost savings from lower electricity bills and reduced replacement costs for the much longer life of these fixtures. Savings from an LED streetlight conversion could fund new streetlights in the City.

Since the referral to the Public Works Commission, staff has provided data on experience in other jurisdictions in order to advance the planning of the conversion process. One option being considered for Citywide conversion to LED is a "turnkey" approach, wherein the City would engage with a private entity that would "front" the initial cost of purchasing and installing the lights and then get paid back from the initial energy savings.

This approach has several advantages. The start-up conversion cost will be high, since the initial cost of each LED light is higher than for traditional light bulbs. Their contract ends after the payback period and the City will retain the ongoing annual savings.

POSSIBLE FUTURE ACTION

The Public Works Commission recommends the following actions:

1. Public Works staff should evaluate the adequacy and consistency of street lighting across the City and identify "corridors" that may need additional lighting.
2. The new LED lights should have adjustable coverage (between sidewalk and street lighting) where needed.

3. We suggest a timeline to begin the turnkey process by staff executing a contract with a private entity by fall of 2013. The conversion could be fully implemented within a several months, based on the Commission's understanding from other communities.
4. The LED conversion be monitored for energy savings and that the results be reported to the Council.

FISCAL IMPACTS OF POSSIBLE FUTURE ACTIONS

The Citywide LED street light conversion could be implemented without any initial cost to the City, with the future benefits of considerable savings in energy costs and maintenance/replacement.

CONTACT PERSON

Jeff Egeberg, Secretary, Public Works, 981-6406

Council Item 40C – March 19, 2013

Recommendation: Direct the City Manager to have Public Works staff and the Public Works Commission update the City's Street Rehabilitation and Repair Policy to reflect the objectives of Measure M, and draft an accelerated 5-Year Street Repair Plan that integrates green infrastructure to the extent feasible. As recommended by the Public Works and Community Environmental Advisory Commissions, staff should use a scenario based scoping process, and include input from the public and other relevant Commissions.

Financial Implications: No direct fiscal impacts from this recommendation

Contact: Andrew Clough, Public Works, 981-6300; Eric Angstadt, Planning and Development, 981-7400

Action: 0 speakers. M/S/F (Worthington/Anderson) to revise the City Manager's recommendation to include the following language "An additional option shall be offered that maximizes watershed objectives to the extent legally allowed."

Vote: Ayes – Anderson, Arreguin, Worthington; Noes – Bates; Abstain – Maio, Capitelli, Wengraf, Wozniak; Absent – Moore.

Action: M/S/C (Worthington/Anderson) to approve the following:


c. The City Manager's recommendation to direct the City Manager to have Public Works staff and the Public Works Commission update the City's Street Rehabilitation and Repair Policy to reflect the objectives of Measure M, and draft an accelerated 5-Year Street Repair Plan that integrates green infrastructure to the extent feasible. As recommended by the Public Works and Community Environmental Advisory Commissions, staff should use a scenario based scoping process, and include input from the public and other relevant Commissions.

Vote: Ayes – Maio, Arreguin, Capitelli, Wengraf, Worthington, Wozniak, Bates; Noes – None; Abstain – Anderson; Absent – Moore.



Office of the City Manager

ACTION CALENDAR
March 19, 2013

To: Honorable Mayor and Members of the City Council
From:  Christine Daniel, City Manager
Submitted by: Andrew Clough, Director, Public Works
Eric Angstadt, Director, Planning & Development
Subject: Measure M Expenditure Plan: Development and Implementation

RECOMMENDATION

Direct the City Manager to have Public Works staff and the Public Works Commission update the City's Street Rehabilitation and Repair Policy to reflect the objectives of Measure M, and draft an accelerated 5-Year Street Rehabilitation Plan that integrates green infrastructure to the extent feasible. As recommended by the Public Works and Community Environmental Advisory Commissions, staff should use a scenario based scoping process, and include input from the public and other relevant Commissions.

FISCAL IMPACTS OF RECOMMENDATION

Measure M authorizes the City to issue general obligation bonds not exceeding \$30,000,000 for street improvements and integrated green infrastructure. There are no direct fiscal impacts from this recommendation. Reports with recommendations for implementation of specific projects will be submitted to Council for approval as the Measure M expenditure plan is formulated in FY 2014 and later years.

CURRENT SITUATION AND ITS EFFECTS

Council has received recommendations for Measure M expenditures from the Public Works Commission (PWC) and the Community Environmental Advisory Commission (CEAC). Both reports recognize the need for accelerated repairs to the City's streets and watershed infrastructure, and emphasize use of a scenario-based process to develop an expenditure plan. The CEAC report and recommendations go further in detailing recommendations for specific implementation plans and dedication of funds.

Measure M asked Berkeley voters if the City should issue general obligation bonds to fund street improvements and integrated green infrastructure for construction of improvements for: 1) street repaving and rehabilitation consistent with the 5 year street repaving plan and sufficient to significantly accelerate the implementation of that plan; and 2) installation of green infrastructure, as defined in the Watershed Management Plan as part of the street work, when appropriate to improve roads, reduce flooding and improve water quality in the creeks and Bay.

Staff believes it is premature to allocate or dedicate any particular amount or percentage of Measure M funds to specific purposes. Public Works Engineering staff and the PWC have a process for annual review of the 5-year paving plan in accordance with the Street Repair Policy. This year the 5-year paving plan is expected to undergo considerable change in response to both Measure M and other developments, such as the Complete Streets Policy. The next 5-Year Plan is expected to be submitted for Council approval in fall 20113. Public Works Engineering staff anticipates using a scenario based scoping process, and soliciting input from the public and other relevant Commissions, to the extent feasible within time constraints.

BACKGROUND

The Street Repair Policy and 5-Year Street Rehabilitation Plan need to be updated to reflect the impact of Measure M, along with development of an expenditure plan for use of the bond funding. Measure M was approved by Berkeley voters in November 2012, and bonds are expected to be issued by early calendar year 2014.

RATIONALE FOR RECOMMENDATION

The recommendations from the PWC and CEAC are both thoughtful. Staff will initiate a scenario-based process to develop a plan for Measure M expenditures, and propose specific recommendations for projects and use of the bond funds along with the revised Street Repair Policy and 5-Year Street Rehabilitation Plan.

ALTERNATIVE ACTIONS CONSIDERED

Staff considered the CEAC recommendations and report, and believes any dedication of revenues or other specific implementation details are best considered as part of the development process.

CONTACT PERSON

Jeff Egeberg, Engineering Manager, Public Works, 981-6406
Wendy Cosin, Deputy Director, Planning & Development, 981-7402