

**City of Berkeley
Paving Subcommittee
of the
Public Works Commission**

MEETING AGENDA

Subject: 2018-2022 Street Paving Plan
Date: March 21, 2017 - 3:00-4:30 pm
Location: 1947 Center Street, 4th Floor, Elm Room

1. Call to Order and Roll Call
2. Comments from the Public (3 minutes each speaker)
3. Discuss/Action:
 - a. Review street paving plan and analytics
4. Adjournment

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

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Commission Secretary:

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Paving Subcommittee - meeting notes

Meeting Date/Time: February 28, 2017, 3:00 pm

Meeting Location: Elm conference room

Attending:

Affiliation	Team Member	Affiliation	Team Member
Public Works Commission (PWC)	Larry Henry ✓	Public Works Department	Tracy Clay ✓
	Margo Schueler ✓		Wendy Wong ✓
	Andy Kelly		
	Kyle Smith		
Public	Robert Krumme		
	John Hitchen		
	Roger Pritchard		

✓ Indicates present at meeting

Meeting Notes

1. Subcommittee Chair Larry called the meeting to order at 3:00 pm.
2. Public comments:
 - Robert Krumme suggested that we invest in more tools for staff, that will enable better forecasting and costing models for street paving alternatives. He also suggested that we use design /build for complex Public Works projects. He also offered to match up to \$500 and maybe \$1500, for prize money for innovation in street paving if the city created such a prize. He also suggested that the City establish a “sinking” fund for PW infrastructure.
 - Roger Pritchard asked why the binder for asphalt streets fails on some streets and not others. Commissioner Schueler suggested, that it was her professional experience, that the asphalt mix was over-heated and that paving Contractors pay close attention to heating variability when doing the paving on our streets.
 - There comments about the existing sidewalk repair policy and how to better integrate it into the paving plan.
3. Staff persons Tracy Clay and Wendy Wong displayed a series of documents that were going to be shared at the March 2, 2017 PWC meeting.
 - a. List of paved streets that had been completed 2014-2016
 - i. There was a discussion about how to display information of the paved streets history “planned vs actuals”, so that the PWC could better comment on ‘future’ 5-year Street Paving Plan as part of the PWC’s annual responsibility to “review and recommend” to Council.

1) Staff person Wong stated that funds are very difficult to disentangle by street, as the contracts are done in batch with multiple streets in a contract. Wendy committed to providing a comparison by contract Cost and Miles Paved for year 2015 (as that is the most recent year with complete information) by the following:

1. 2015 5-Year Street Paving Plan estimate
2. Engineer's estimate
3. Contractor's Bid
4. Final Construction cost

- ii. Chairperson Henry asked if the various forms of street paving funding (General Fund, Gas Tax, Measure B, BB, M and now T1) could be identified for each street by funding source. He relayed Councilperson Wengraf's interest in understanding how the Measure M and Measure T1 are used to pave which streets. It was stated by MS Clay that since Measure M and Measure T1 may be possible to disentangle those funding sources from the other funding sources for street paving projects.

b. 5 Year Street Paving Plan 2018-2022

i. There was a discussion on those streets that were designated to be paved using the T1 bond monies. Chairperson Henry presented the 9-13-2016 Council Resolution no. 67,666-N.S. that states T1 bond funds ..." The Bond proceeds need to be used for long lasting capital projects and not for maintenance work. The projects should use durable, sustainable technologies, so that capital investments lower future maintenance costs".

- a. It was pointed out that of the 19 streets that are designated as T1 funded and treated as follows: 7 (37%) slurry seals, 7 (37%) Overlays and 5(26%) Reconstruct.

- i. It was thus noted that 74% (slurry seals and overlays) of T1 funds were being used for "maintenance work" and not as Council had designated in the above resolution as "capital projects"
- ii. There was a discussion on how to substitute other planned reconstruction projects as for the T1 maintenance projects in the plan.
- iii. Commissioner Henry asked why there were no durable, sustainable street paving projects in the plan. The Council Resolution, that was passed prior to the November election was crafted to help gain citizens and citizens groups to support the passage of Measure T1. MS Clay stated that durable, sustainable projects were "to expensive". Commissioner asked what was the time horizon that analysis was based upon. Ms. Clay told us she did ask consultants to find out the comparative costs and crossover point for asphalt vs. concrete, using existing 30-year Street Saver database. It was discussed that since concrete streets like Oxford Street and Marin Avenue are 50-60 years old that, any findings out of the Comparative Crossover analysis using

Street Saver, be extrapolated to at least the lifespan of those of Berkeley’s existing concrete streets if not beyond.

- iv. Commissioner Henry spoke to a Pavement Condition Index by matrix for the City as whole and by Council District, that she developed and had submitted to MS Clay. She stated that it was being worked on by a consultant.

Below is that request:

To: Tracy Clay

From: Larry Henry

Topic: Paving Plan 2018-2022

Tracy, can you provide the PWC subcommittee on Paving the following analytics, so that the PWC Paving subcommittee can recommend, to the full PW Commission, a path forward on the Council required annual review and recommendation on the Five-Year Street Paving Plan.

- Can you provide and ID the funding source for each street that is recommended in the 2018-2022 Street Saving Plan (i.e., General Fund, Gas Tax, Measure B, Measure BB, Measure M and Measure T1

Pavement Condition Index (PCI)

Council District	Current PCI Mean	Current PCI Median	Proposed PCI Mean	Proposed PCI Median	PCI Mean Change from 2013	PCI Median Change from 2013
#1						
#2						
#3						
#4						
#5						
#6						
#7						
#8						
Totals for						

Berkeley						
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b.

The meeting was adjourned at 4:40 pm.

End of notes.