



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Agenda

ABAG Executive Board

President, David Rabbitt, Supervisor, Sonoma County
Vice President, Greg Scharff, Councilmember, Palo Alto
Immediate Past President, Julie Pierce, Councilmember, Clayton

Thursday, September 20, 2018

7:00 PM

Board Room - 1st Floor

Revised Agenda

ABAG Executive Board Meeting No. 434

The ABAG Executive Board may act on any item on the agenda.
Agenda, roster, and webcast available at <http://abag.ca.gov/meetings>.
For information, contact Clerk of the Board at (415) 820-7913.

1. Call to Order

- 1.a. Pledge of Allegiance
- 1.b. Roll Call
- 1.c. Confirm Quorum

2. Public Comment

3. Executive Board Announcements

4. President's Report

5. Executive Director's Report

[18-0814](#)

Executive Director's Report

Action:

Information

Presenter:

Steve Heminger, Executive Director

Attachments:

[Map of the Month 09_20_18_final.pdf](#)

6. Executive Board Consent Calendar

- 6.a. [18-0732](#) Approval of Executive Board Summary Minutes of Meeting on July 19, 2018
Action: Approval
Attachments: [06A Minutes 20180719 Draft.pdf](#)
- 6.b. [18-0733](#) Ratification of Committee Appointments to Ad Hoc Committee to Facilitate the Selection of the Next ABAG and MTC Executive Director
Action: Approval
Attachments: [06B Memo Ad Hoc Cmte MTC ABAG Executive Director.pdf](#)
- 6.c. [18-0734](#) Authorization to enter into a Sole Source Contract with Ecom Enterprises, Inc. for Clean Vessel Act Outreach Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021
Action: Approval
Attachments: [06C Memo SFEP Ecom CVA App Development Final.pdf](#)
[06C Attachment SFEP Sole Source Ecom.pdf](#)
[06C Summary Approval SFEP Ecom CVA Final.pdf](#)
- 6.d. [18-0735](#) Adoption of Resolution No. 08-18 Authorization to Submit a Proposal with the California State Parks Division of Boating and Waterways for Clean Vessel Act Education and Outreach Pumpout Monitoring 2019-2020 in an amount up to \$225,000, and, if awarded, to enter into a Grant Agreement and Designate an Authorized Representative
Action: Approval
Attachments: [06D Memo CVA Resolution Final.pdf](#)
[06D Attachment Resolution 2018 08 Authorization Application CVA Grant.pdf](#)
- 6.e. [18-0736](#) Authorization to enter into Contract Amendment with Frontier Energy for Bay Area Regional Energy Network Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018
Action: Approval
Attachments: [06E Memo BayREN Frontier Energy Contract Amendment Final_rev.pdf](#)
[06E Summary Approval BayREN Frontier Energy.pdf](#)

- 6.f. [18-0737](#) Authorization to enter into Contract Amendment with Applied Energy Group for Bay Area Regional Energy Network Multifamily Energy Efficiency Small-project Financing Market Research Study in an amount not to exceed \$100,000 through January 2019

Action: Approval

Attachments: [06F Memo BayREN Applied Energy Group EMV Contract Amendment Final.pdf](#)
[06F Summary Approval BayREN AEG EMV.pdf](#)

- 6.g. [18-0738](#) Authorization to enter into Contract Agreement with Energy Council for the Heat Pump Water Heater Regional Market Transformation Project in an amount not to exceed \$389,979 through October 2020

Action: Approval

Attachments: [06G Memo BayREN HPWH Energy Council Final.pdf](#)
[06G Summary Approval BayREN HPWH Energy Council.pdf](#)
[06G Attachment BayREN Climate Protection Grant Proposal Excerpt.pdf](#)

- 6.h. [18-0813](#) Authorization to Waive Potential Right of First Refusal under CC&Rs for 375 Beale Street and to Execute Amendment of CC&Rs

Action: Approval

Attachments: [Memo 376 Beale CCR Amendment.pdf](#)
[Attachment First Amendment to CCR.pdf](#)
[Attachment Summary Approval.pdf](#)

7. ABAG Administrative Committee Report

- 7.a. [18-0739](#) ABAG Administrative Committee Report

Action: Approval

Presenter: David Rabbitt, Chair, Administrative Committee

Attachments: [Administrative 20180914 Agenda Final.pdf](#)

8. ABAG Legislation Committee Report

- 8.a. [18-0740](#) ABAG Legislation Committee Report

Action: Approval

Presenter: Scott Haggerty, Chair, Legislation Committee

Attachments: [Legislation 20180920 Agenda Final.pdf](#)

8.b. [18-0741](#) Proposition 6: Overview of Bay Area Impacts

Action: Information

Presenter: Randy Rentschler, Legislation and Public Affairs Director

Attachments: [08B Memo Prop 6 Overview Impacts.pdf](#)
 [08B Attachment A Map of SB 1 Projects.pdf](#)
 [08B Attachment B Prop 6 SB 1 Funding Flow Chart.pdf](#)
 [Attachment C SB 1 Transportation Funds at Risk Update 092018.pdf](#)

9. ABAG Finance Committee Report

9.a. [18-0742](#) ABAG Finance Committee Report

Action: Approval

Presenter: Karen Mitchoff, Chair, Finance Committee

Attachments: [Finance 20180920 Agenda Final.pdf](#)

10. Adjournment / Next Meeting

The next regular meeting of the ABAG Executive Board is on November 15, 2018.

Public Comment: The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

可及性和法令第六章: MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者, 請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知, 以滿足您的要求。

Acceso y el Titulo VI: La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0814 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 9/17/2018 **In control:** ABAG Executive Board

On agenda: 9/20/2018 **Final action:**

Title: Executive Director's Report

Sponsors:

Indexes:

Code sections:

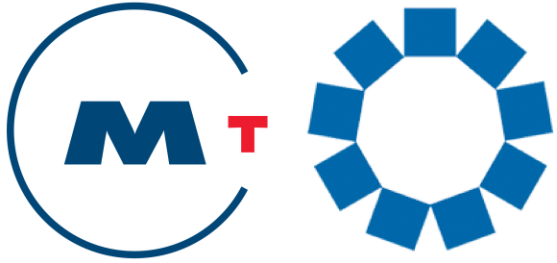
Attachments: [Map of the Month 09_20_18_final.pdf](#)

Date	Ver.	Action By	Action	Result
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Executive Director's Report

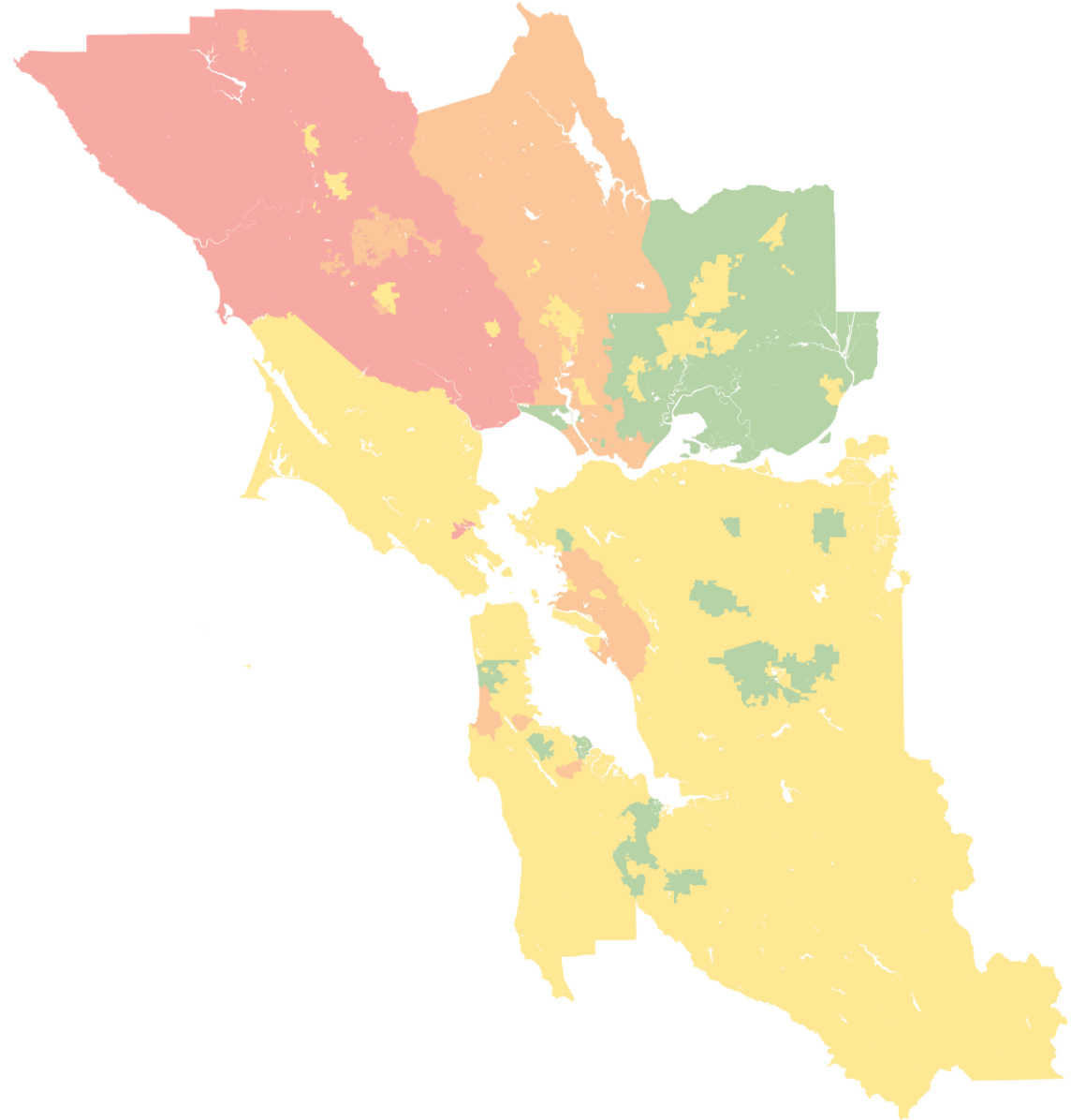
Steve Heminger, Executive Director

Information



Commissioner's Map of the Month July 2018

**Passage of California
Proposition 6 on Future
Bay Area Pavement Conditions**

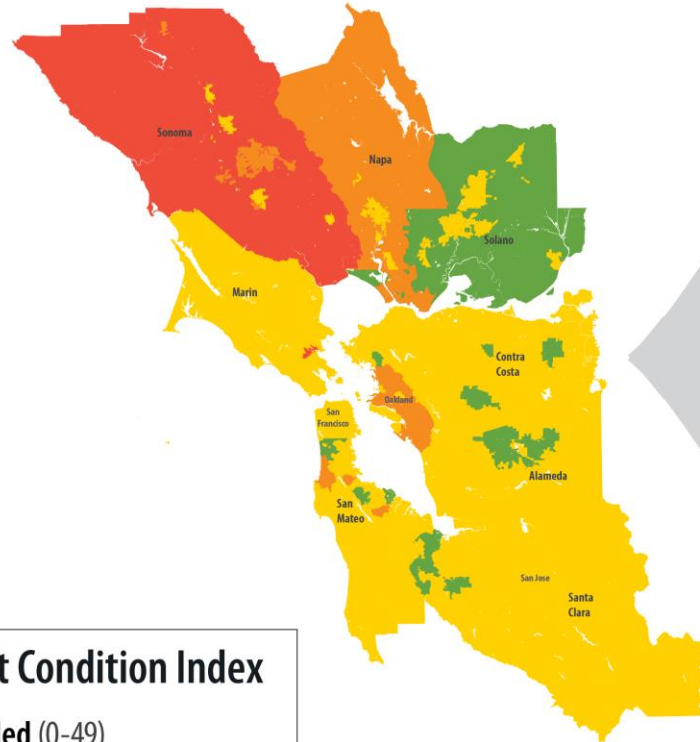




Possible 2027 Effects of the Passage of California Proposition 6 on Future Bay Area Pavement Condition

Map of the Month: September 2018

2017
Status Quo



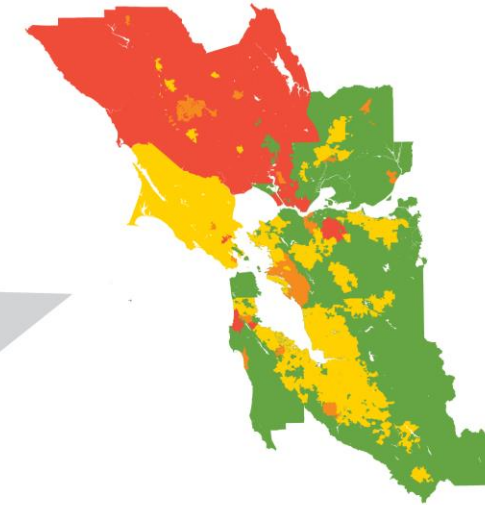
Pavement Condition Index

- Poor/Failed (0-49)
- At Risk (50-59)
- Good/Fair (60-79)
- Excellent/Very Good (80-100)

MTC Graphics/pb — 9/18/18

Source: MTC

2027
With SB 1 Funds (Proposition 6 Fails)



2027
Without SB 1 Funds (Proposition 6 Passes)





Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0732 **Version:** 1 **Name:**
Type: Minutes **Status:** Consent
File created: 9/6/2018 **In control:** ABAG Executive Board
On agenda: 9/20/2018 **Final action:**
Title: Approval of Executive Board Summary Minutes of Meeting on July 19, 2018
Sponsors:
Indexes:
Code sections:
Attachments: [06A Minutes 20180719 Draft.pdf](#)

Date	Ver.	Action By	Action	Result
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Approval of Executive Board Summary Minutes of Meeting on July 19, 2018

Approval

SUMMARY MINUTES (DRAFT)

ABAG Executive Board Meeting No. 433
Thursday, July 19, 2018
Bay Area Metro Center
375 Beale Street, Board Room
San Francisco, California

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

ABAG President David Rabbitt, Supervisor, County of Sonoma, called the meeting of the Executive Board of the Association of Bay Area Governments to order at about 7:04 p.m.

President Rabbitt welcomed alternates Anthony Phan, Councilmember, City of Milpitas; Jesse Arreguin, Mayor, City of Berkeley; and, Dan Kalb, Councilmember, City of Oakland.

A quorum of the ABAG Executive Board was present at about 7:04 p.m.

Representatives and Alternates Present

Mayor Jesse Arreguin
Supervisor David Canepa
Supervisor David Cortese
Councilmember Pat Eklund
Mayor Leon Garcia
Councilmember Abel Guillen
Councilmember Pradeep Gupta
Supervisor Scott Haggerty
Councilmember Dave Hudson
Councilmember Dan Kalb
Councilmember Jake Mackenzie
Supervisor Karen Mitchoff
Councilmember Raul Peralez
Councilmember Anthony Phan
Councilmember Julie Pierce
Supervisor Dave Pine
Supervisor David Rabbitt
Dir John Rahaim, Planning
Supervisor Belia Ramos
Supervisor Dennis Rodoni
Mayor Trish Spencer

Representatives Absent

Supervisor Candace Andersen
Mayor Len Augustine
Mayor London Breed
Councilmember Annie Campbell Washington
Supervisor Cindy Chavez
Councilmember Lan Diep
Supervisor Erin Hannigan
Councilmember Sergio Jimenez
Director William Kissinger *

Jurisdiction

City of Berkeley
County of San Mateo
County of Santa Clara
City of Novato
City of American Canyon
City of Oakland
City of South San Francisco
County of Alameda
City of San Ramon
City of Oakland
City of Rohnert Park
County of Contra Costa
City of San Jose
City of Milpitas
City of Clayton
County of San Mateo
County of Sonoma
City of San Francisco
County of Napa
County of Marin
City of Alameda

Jurisdiction

County of Contra Costa
City of Vacaville
City of San Francisco
City of Oakland
County of Santa Clara
City of San Jose
County of Solano
City of San Jose
RWQCB

Councilmember Wayne Lee
Supervisor Nathan Miley
Councilmember Greg Scharff
Supervisor Norman Yee

City of Millbrae
County of Alameda
City of Palo Alto
County of San Francisco

* Non-voting Advisory Member

Staff Present

Steve Heminger, MTC Executive Director
Adrienne Weil, MTC General Counsel
Alix Bockelman, MTC Deputy Executive Director, Policy
Andrew Fremier, MTC Deputy Executive Director, Operations
Brian Mayhew, MTC Chief Financial Officer

President Rabbitt noted that Item 9.B., Report on Diesel Free by '33, should not be included as part of the Regional Planning Committee report, but will be taken in the same order on the agenda.

2. PUBLIC COMMENT

There was no public comment.

3. ANNOUNCEMENTS

There was no member announcements.

4. PRESIDENT'S REPORT

President Rabbit reported on the successful General Assembly and Business Meeting held on May 31, 2018.

Members viewed the video entitled *ABAG General Assembly*.

5. EXECUTIVE DIRECTOR'S REPORT

Steve Heminger, MTC Executive Director, gave his report, including the retirement of Irving Maxwell and the study about Senate Bill 375 by the Turner Center for Housing Innovation at UC Berkeley. He presented two charts, one entitled *Comparison of RHNA Cycle 5 Progress* and the other, *U.S. White Population Growth Rate, 1790-2020*.

6. CONSENT CALENDAR

President Rabbitt noted that a staff memo for Item 6.H., Approval of Consultant for Single Family Program Design and Implementation Services for BayREN and Authorization to Enter into Contract, was distributed.

President Rabbitt recognized a motion by Pat Eklund, Councilmember, City of Novato, which was seconded by Dave Hudson, Councilmember, City of San Ramon, to approve the Consent Calendar, including Resolution No. 07-18.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Eklund, Garcia, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

A. Approval of Executive Board Summary Minutes of Meeting No. 432 on May 17, 2018

B. Ratification of Committee Appointment

San Francisco Bay Conservation and Development Commission

Jesse Arreguin, Mayor, City of Berkeley—East Bay Alternate

- C. Authorization to Enter into a Sole Source Agreement with Classique Catering/Centerplate for Catering for the Bay-Delta Science Conference 2018 in an amount up to \$150,000**
- D. Authorization to Enter into Agreement with U.S. Environmental Protection Agency for Comprehensive Conservation and Management Plan Implementation in the amount of \$710,000 in New Funding under the National Estuary Program**
- E. Authorization to Increase Subcontract with Wilsey-Ham, Inc. for San Pablo Avenue Green Stormwater Spine Design Work in the amount of \$55,000 for a total amount of \$286,090**
- F. Approval of Contract Amendments for Energy Council, City and County of San Francisco, and Regional Climate Protection Authority with Bay Area Regional Energy Network (BayREN) Updating 2018 Scope of Work and Providing Associated Budget**
- G. Adoption of Resolution No. 07-18 and Authorization to Request OPEB Data Extract**
- H. Approval of Consultant(s) for Single Family Program Design and Implementation Services for Bay Area Regional Energy Network and Authorization to Enter into Contract in an amount not to exceed \$1.5 million**
- I. Approval of Acceptance of Bay Area Air Quality Management District Climate Grant Program Award and Authorization to Enter into Contract with BAAQMD for Heat Pump Water Regional Market Transformation Project in the amount of \$400,000**
- J. Authorization to Enter into Agreement with Aquatic Science Center for 2019 State of the Estuary Report in an amount up to \$150,000**
- K. Authorization to Amend an Existing Funding Agreement with Pacific Gas & Electric Company (PG&E) in an amount not to exceed \$47.1 million**

7. ABAG LEGISLATION COMMITTEE REPORT

Committee Chair Scott Haggerty, Supervisor, County of Alameda, reported on the committee meeting on July 19, 2018, which included approval of the summary minutes of the meeting on May 17, 2018, and the Legislative History. The committee received reports on the following legislation:

A. AB 1857 (NAZARIAN): BUILDING CODES: EARTHQUAKE SAFETY – SUPPORT

Committee Chair Haggerty reported on AB 1857 (Nazarian): Building Codes: Earthquake Safety.

President Rabbitt recognized a motion by Haggerty, which was seconded by Julie Pierce, Councilmember, City of Clayton, to support AB 1857.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Eklund, Garcia, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

B. ABAG 2681 (NAZARIAN): INVENTORY OF VULNERABLE BUILDING – SUPPORT

Committee Chair Haggerty reported on AB 2681 (Nazarian): Inventory of Vulnerable Buildings.

President Rabbitt recognized a motion by Haggerty, which was seconded by Julie Pierce, Councilmember, City of Clayton, to support AB 2681.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: Eklund.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed.

C. PROPOSITIONS 1 AND 2: AFFORDABLE HOUSING AND HOMELESSNESS BONDS – SUPPORT

Committee Chair Haggerty reported on Propositions 1 and 2: Affordable Housing and Homelessness Bonds.

President Rabbitt recognized a motion by Haggerty, which was seconded by Eklund, to support Propositions 1 and 2.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Eklund, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

D. PROPOSITION 6: SENATE BILL 1 REPEAL INITIATIVE – OPPOSE

Committee Chair Haggerty reported on Proposition 6: Senate Bill 1 Repeal Initiative.

President Rabbitt recognized a motion by Haggerty, which was seconded by Pradeep Gupta, Councilmember, City of South San Francisco, to oppose Proposition 6.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Eklund, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

Chair Haggerty reported that the committee received reports on the State Budget and the MTC/ABAG Legislative Workshop.

President Rabbitt recognized a motion by Haggerty, which was seconded by Pierce, to approve the committee report.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Eklund, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

Jake Mackenzie, Councilmember, City of Rohnert Park, commented that staff is working with member jurisdictions to collect interviews of staff on the benefits of Senate Bill 1 expenditures. The videos will be used for educational purposes.

8. ABAG FINANCE COMMITTEE REPORT

Committee Chair Karen Mitchoff, Supervisor, County of Contra Costa, reported on the committee meeting on July 19, 2018, which included approval of summary minutes of the

meeting on May 17, 2018, a report on Financial Statements from July 2017 to April 2018 (Unaudited), a report on Contracts and Purchase Requisitions between \$20,000 and \$50,000 from March to April 2018, and a report on Investments for May 2018.

President Rabbitt recognized a motion by Mitchoff, which was seconded by Pierce, to approve the committee report.

There was no discussion.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Eklund, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

9. ABAG REGIONAL PLANNING COMMITTEE REPORT

Committee Chair Pradeep Gupta, Councilmember, City of South San Francisco, reported on the committee meeting of June 6, 2018, which included approval of the summary minutes of the meeting on April 4, 2018, a report on Horizon Update, and a report on Plan Bay Area 2040 Action Plan update.

President Rabbitt recognized a motion by Gupta, which was seconded by Eklund, to approve the committee report.

There was no public comment.

The aye votes were: Arreguin, Canepa, Garcia, Eklund, Gupta, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Cortese, Diep, Guillen, Haggerty, Hannigan, Jimenez, Lee, Miley, Phan, Scharff, Spencer, Yee.

The motion passed unanimously.

A. Update on Horizon Initiative

Dave Vautin, MTC Senior Transportation Planner/Analyst, and Michael Germeraad, MTC Assistant Planner, reported on the Horizon initiative, an 18-month process that will inform the development of the next round of Plan Bay Area. The report included updates on the three primary strands of work under the initiative: futures, project performance, and perspective papers.

Members discussed Plan Bay Area 2050, the regional housing forecast, Regional Housing Needs Allocation methodology, and Department of Finance projections; demographic diversity, population growth, and school success rates by ethnicity; climate mitigation, carbon reduction, and adaptation.

B. Report on Diesel Free by '33

Krute Singa, MTC Planner, and Abbey Young, BAAQMD Climate Protection Program, reported on Diesel Free by '33 *Statement of Purpose* to reduce diesel emissions to zero in communities from stationary and mobile sources by December 31, 2033, including a report on the Governor's Global Climate Action Summit and Bay Area Climate Leadership Forum.

Members discussed providing information to member jurisdictions and obtaining resolutions; converting diesel fleet to electric; economic impact review and displaced workforce analysis.

President Rabbitt recognized a motion by Hudson, which was seconded by Eklund, to approve the staff report and to authorize the President to sign the Bay Area Air Quality Management District's Diesel Free by '33 Statement of Purpose on behalf of the Association of Bay Area Governments and to encourage the support of ABAG member counties and cities.

There was no public comment.

The aye votes were: Arreguin, Canepa, Cortese, Garcia, Eklund, Guillen, Gupta, Haggerty, Hudson, Kalb, Mackenzie, Mitchoff, Peralez, Phan, Pierce, Pine, Rabbitt, Rahaim, Ramos, Rodoni, Spencer.

The nay votes were: None.

Abstentions were: None.

Absent were: Andersen, Augustine, Breed, Campbell Washington, Chavez, Diep, Hannigan, Jimenez, Lee, Miley, Scharff, Yee.

The motion passed unanimously.

10. ADJOURNMENT

President Rabbitt adjourned the meeting of the ABAG Executive Board at about 8:07 p.m.

The next regular meeting of the ABAG Executive Board is on September 20, 2018.

Submitted:

Fred Castro, Clerk of the Board

Date Submitted: August 9, 2018

Approved:



ABAG

Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0733 **Version:** 1 **Name:**

Type: Report **Status:** Consent

File created: 9/6/2018 **In control:** ABAG Executive Board

On agenda: 9/20/2018 **Final action:**

Title: Ratification of Committee Appointments to Ad Hoc Committee to Facilitate the Selection of the Next ABAG and MTC Executive Director

Sponsors:

Indexes:

Code sections:

Attachments: [06B Memo Ad Hoc Cmte MTC ABAG Executive Director.pdf](#)

Date	Ver.	Action By	Action	Result
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Ratification of Committee Appointments to Ad Hoc Committee to Facilitate the Selection of the Next
ABAG and MTC Executive Director

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: ABAG President

Subject: **Ratification of Appointments to the Ad Hoc Committee to Facilitate the Selection of the Future ABAG and MTC Executive Director**

Executive Summary

With Steve Heminger's announcement of his retirement next February 2019, the Metropolitan Transportation Commission has begun the search process for the next Executive Director.

In the *Memorandum of Understanding* between MTC and ABAG, Section 6 covers the process for the selection of any future Executive Director.

6. Selection of Future Executive Director

The Executive Director of MTC will continue to serve as the Executive Director of MTC under the Contract for Services between MTC and ABAG. The Executive Director of MTC will also serve as the initial Executive Director of the consolidated staff. If there is a vacancy in the position of the Executive Director prior to the merger of MTC and ABAG, the Chair of MTC will establish an Executive Director interview/selection committee comprised of MTC commissioners who do not serve on ABAG, with the exception of the ABAG representative on the Commission who will be a member of the committee, to interview and select a final candidate or candidates who will then be presented to an ABAG Ad Hoc review committee should the ABAG President decide in his or her discretion to establish one. The MTC Chair and ABAG President, may in their discretion, appoint themselves, the MTC Vice Chair and ABAG Vice President and ABAG appointed representative on the MTC Commission, respectively, to serve on the respective interview committee and none of the five aforementioned officers/board members shall be deemed ineligible if serving in a dual capacity for each agency. If an ABAG Ad Hoc review committee is appointed, its recommendation will be communicated to the MTC interview/selection committee who will then make a recommendation to the full Commission for the final decision.

As per the above process, I have named a seven-member ABAG Ad Hoc Committee to facilitate the selection of the new Executive Director of ABAG and MTC. The ABAG Ad Hoc Committee consists of:

Ratification of Appointments

September 13, 2018

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Supervisor David Rabbitt, County of Sonoma, ABAG President
Council Member Greg Scharff, City of Palo Alto, ABAG Vice President
Supervisor Cindy Chavez, County of Santa Clara
Councilmember Abel Guillen, City of Oakland
Councilmember Pradeep Gupta, City of South San Francisco
Supervisor Karen Mitchoff, County of Contra Costa
Supervisor Belia Ramos, County of Napa

According to ABAG's Bylaws, the President appoints committees with the advice and consent of the Executive Board and the committee shall elect their chairperson subject to confirmation by the Executive Board (Article IX, F.). Furthermore, the Executive Board may designate whether individuals participating in a special committee shall receive *per diem* (Article VII, A., (7)).

Recommended Action

The Executive Board is requested to ratify the appointments of members to the Ad Hoc Committee to Facilitate the Selection of the Future ABAG and MTC Executive Director and to designate that the committee members are eligible to receive *per diem*.



David Rabbitt



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #:	18-0734	Version:	1	Name:	
Type:	Report	Status:		Consent	
File created:	9/6/2018	In control:		ABAG Executive Board	
On agenda:	9/20/2018	Final action:			
Title:	Authorization to enter into a Sole Source Contract with Ecom Enterprises, Inc. for Clean Vessel Act Outreach Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	06C Memo SFEP Ecom CVA App Development Final.pdf 06C Attachment SFEP Sole Source Ecom.pdf 06C Summary Approval SFEP Ecom CVA Final.pdf				

Date	Ver.	Action By	Action	Result
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Authorization to enter into a Sole Source Contract with Ecom Enterprises, Inc. for Clean Vessel Act Outreach Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Authorization to enter into a Sole Source Contract with Ecom Enterprises, Inc. for Clean Vessel Act Outreach Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021**

Executive Summary

The San Francisco Estuary Partnership (SFEP) runs a Clean Vessel Act Program under a grant from the State Parks Division of Boating and Waterways (DBW). SFEP's mission through that grant is to determine the condition and usage of the existing publicly-funded pumpout stations in the 11 counties of the San Francisco Bay-Delta Estuary region. This work requires SFEP's surveyors to travel to each marina, collect data using the existing Clean Vessel Program App, submit surveys through the App, extract the data from an online MySQL database connected to the App, and organize it in reports before submitting it quarterly to DBW.

In September 2016, SFEP contracted with Ecom Enterprises, Inc. (Ecom) to develop the Clean Vessel Program App after their selection through a Request for Qualifications process. The following year, the Metropolitan Transportation Commission (MTC) authorized a sole-source justification for a new agreement with Ecom to add new features and provide continued licensing and maintenance. SFEP is seeking a new three-year agreement with Ecom for a new set of additional features and continued licensing and maintenance for an amount not to exceed \$150,000. Exact yearly amounts will be dependent upon budget approval. The justification for a sole source agreement for compelling business reason is attached.

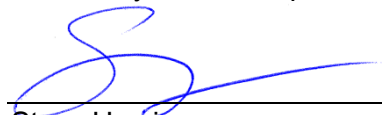
Clean Vessel Act Outreach Program App Software Development

September 13, 2018

Page 2

Recommended Action

The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a three-year sole source agreement with Ecom Enterprises, Inc. for the Clean Vessel Act Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021 on behalf of the Association of Bay Area Governments and the San Francisco Estuary Partnership.



Steve Heminger

Attachments

Sole Source Justification
Summary Approval



TO: Steve Heminger

DATE: August 23, 2018

FR: Adrien Baudrimont

W. I. 1374

RE: **Sole Source Justification: Ecom Enterprises Inc. – Clean Vessel App Software Development – Compelling Business Reasons**

The purpose of this memo is to request a sole source contract with Ecom Enterprises Inc. (Ecom) to provide [1]software development for the Clean Vessel App (currently named Pumpout Nav but subject to change) iOS and Android applications (Apps), [2]software development for the online MySQL Database that stores Pumpout Nav data, and [3]software development and maintenance/support for the Administrative Platform linking the Apps to the Database for compelling business reasons.

Under Federal procurement regulations, several alternative methods of procurement are available, as outlined in §200.320. The San Francisco Estuary Partnership (SFEP) proposes to use the procurement by non-competitive proposals under §200.320(f) due the monetary value of the proposed contract and the fact that it would be necessary to demonstrate compliance with SFEP's sole-source requirements regardless of Federal procurement method chosen. Of the justifying circumstances enumerated in §200.320(f), following apply: (3) the Federal awarding agency or pass-through entity the California State Parks Division of Boating and Waterways (DBW) expressly authorizes a noncompetitive proposal in response to a written request from the non-Federal entity (SFEP).

Background

The San Francisco Estuary Partnership (SFEP) runs a Clean Vessel Act Program under a grant from the DBW. SFEP's mission through that grant is to determine the condition and usage of the existing publicly-funded pumpout stations in the 11 counties of the San Francisco Bay-Delta Estuary region. This work requires SFEP's surveyors to travel to each marina, collect data using the existing Pumpout Nav application, submit surveys through the App, extract the data from an Online MySQL database connected to the App, and organize it in reports before submitting it quarterly to DBW.

In September 2016, SFEP contracted with Ecom after issuing a Request for Qualifications and a subsequent rating and selection process. A Sole-Source Justification was approved on August 3rd, 2017. SFEP is seeking its renewal for three additional years for the following Compelling Business Reasons:

Pumpout Nav is based upon the Epical Location-aware Mobile and Web Platform, a proprietary software from Ecom. SFEP is licensing it on a yearly basis. Its proprietary compiled code base for its core engine cannot be modified by a third-party. In addition, Epical uses proprietary high-performance backend algorithms that are closed source.

The API that runs the Epical engine is open and can be modified by a third-party, but it will void any service support previously contracted that may be in place. From the previous contract, Ecom is to provide support and maintenance until 04/01/2019.

Lastly, the administrative platform that was deployed with Pumpout Nav comes with many out-of-the box features that would, if procured elsewhere, require months to build from scratch, thus far exceeding the current budget. In addition, the administrative platform requires access to the API that cannot be modified by a third-party without voiding the service support that is currently in place.

In addition to a unique relationship that has been established between Ecom and SFEP's Clean Vessel Act Program staff, Ecom is extending the 20% Non-profit Discount to the proposed upcoming contract. This is a significant cost savings for SFEP. As a result, SFEP has been able to develop a high-quality software that is being deployed in other states, at a very reasonable cost.

Recommendation

The previous contract's items were delivered on April 1st, 2018, with Support and Maintenance expiring on April 01, 2019. The services they have provided to date have been exceptional. For the compelling business reasons stated above, staff recommends sole sourcing the Pumpout Nav contract with Ecom Enterprises Inc. for the next three years, for an amount not to exceed \$150,000.00. Exact yearly amount will be dependent upon budget approval.

Your signature below indicates your approval of this sole source justification.

 8/30/18

Caitlin Sweeney, Director, San Francisco Estuary Partnership

Concur:

 8/30/18

Brad Paul, Deputy Executive Director, Local Government Services

Approve:



Steve Heminger, Executive Director

SH:ST

J:\CONTRACT\Sole Source\Compellingbusreasons\ABAG\Estuary\Clean Vessel Act\Sole Source_EcomEnterprises_SoftwareDevelopment_081418.docx

**S U M M A R Y O F E X E C U T I V E B O A R D A P P R O V A L**

Work Item No.:	1720
Consultant:	Ecom Enterprises, Inc.
Work Project Title:	Clean Vessel Act Program
Purpose of Project:	Protect Marinas from Sewage Pollution
Brief Scope of Work:	Provide [1] software development for the Clean Vessel iOS and Android applications (Apps), [2] software development for the online MySQL Database that stores Pumpout Nav data, and [3] software development and maintenance/support for the Administrative Platform linking the Apps to the Database.
Project Cost Not to Exceed:	\$150,000
Funding Source:	1374
Fiscal Impact:	Funds programmed in FY 2018-19 budget and will be programmed in FY 2019-20 and FY 2020-21 budgets.
Motion by Executive Board:	The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a three-year sole source agreement with Ecom Enterprises, Inc. for the Clean Vessel Act Program App Software Development in an amount not to exceed \$150,000 from September 2018 to September 2021 on behalf of the Association of Bay Area Governments and the San Francisco Estuary Partnership.
ABAG Executive Board Approval:	David Rabbitt, ABAG President
Approval Date:	



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #:	18-0735	Version:	1	Name:	
Type:	Report	Status:		Consent	
File created:	9/6/2018	In control:		ABAG Executive Board	
On agenda:	9/20/2018	Final action:			
Title:	Adoption of Resolution No. 08-18 Authorization to Submit a Proposal with the California State Parks Division of Boating and Waterways for Clean Vessel Act Education and Outreach Pumpout Monitoring 2019-2020 in an amount up to \$225,000, and, if awarded, to enter into a Grant Agreement and Designate an Authorized Representative				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	06D Memo CVA Resolution Final.pdf 06D Attachment Resolution 2018 08 Authorization Application CVA Grant.pdf				

Date	Ver.	Action By	Action	Result
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Adoption of Resolution No. 08-18 Authorization to Submit a Proposal with the California State Parks Division of Boating and Waterways for Clean Vessel Act Education and Outreach Pumpout Monitoring 2019-2020 in an amount up to \$225,000, and, if awarded, to enter into a Grant Agreement and Designate an Authorized Representative

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Adoption of Resolution No. 08-18 Authorization to Submit a Proposal with the California State Parks Division of Boating and Waterways for Clean Vessel Act Education and Outreach Pumpout Monitoring 2019-2020 in an amount up to \$225,000, and, if awarded, to enter into a Grant Agreement and Designate an Authorized Representative**

Executive Summary

The San Francisco Estuary Partnership's (SFEP) multifaceted Clean Vessel Act (CVA) Program will focus on in person direct boater education, capacity building for marinas, and pumpout network enhancement within the 11-county San Francisco Bay and Sacramento Delta Estuary as well as Monterey and Santa Cruz counties (Project Area). The combination of boater and marina education and capacity building will serve to address the complex nature of sewage discharge by providing boaters with the information they need to make correct decisions and provide marinas with the tools they need to work with boaters to proactively prevent sewage discharge.

In addition, SFEP will continue to monitor the pumpouts in the Project Area. This monitoring component will help the State Parks Division of Boating and Waterways (DBW) and SFEP continue to determine the status, condition and usage of pumpout stations in the pumpout network. Keeping track of these parameters allows DBW and SFEP staff to assist in expediting pumpout repair, provide data about pumpout systems, and target CVA funding outreach efforts.

If funded, this program will begin approximately March 2019 and will continue for 12 months, ending March 2020. Grant funds would be up to \$225,000 with a match rate of 33% that will be provided by in-kind SFEP staff time.

In order for SFEP to fund another year of its CVA Program under the DBW grant opportunity, the Association of Bay Area Governments (ABAG) will need to pass a resolution authorizing submittal of an application and executing an agreement if the application is successful.

Adoption of Resolution No. 08-18

September 13, 2018

Page 2

Recommended Action

The Executive Board is requested to adopt Resolution No. 08-18 authorizing the Executive Director of the Metropolitan Transportation Commission, or his designee, on behalf of the Association of Bay Area Governments and the San Francisco Estuary Partnership to submit a proposal to the California State Parks Division of Boating and Waterways under the Clean Vessel Act in an amount up to \$225,000; and, if awarded, to enter into a grant agreement with the California State Parks Division of Boating and Waterways and to designate the Executive Director of the Metropolitan Transportation Commission, or his designee, as authorized representative; and to meet the match rate of 33% that will be provided by in-kind SFEP staff time unless waived by the State.



Steve Heminger

Attachment

Resolution No. 08-18

**ASSOCIATION OF BAY AREA GOVERNMENTS
EXECUTIVE BOARD**

RESOLUTION NO. 08-18

**AUTHORIZING THE MTC EXECUTIVE DIRECTOR, OR DESIGNEE, TO SUBMIT AN
APPLICATION AND EXECUTE AN AGREEMENT WITH THE CALIFORNIA STATE
PARKS DIVISION OF BOATING AND WATERWAYS ON BEHALF OF THE SAN
FRANCISCO ESTUARY PARTNERSHIP'S CLEAN VESSEL ACT PROGRAM**

WHEREAS, the Association of Bay Area Governments (ABAG), is a “public agency” within the meaning of Section 6500 of the California Joint Exercise of Powers Act, consisting of Sections 6500 through 6599.3 of the California Government Code, as amended from time to time (the “Joint Powers Act”); and

WHEREAS, ABAG is the home agency for the San Francisco Estuary Partnership (SFEP), a coalition of resource agencies, nonprofits, citizens, and scientists working to protect, restore, and enhance water quality and fish and wildlife habitat in and around the San Francisco Bay Delta Estuary; and,

WHEREAS, ABAG is eligible to apply to the California State Park's Division of Boating and Waterways 2019 Clean Vessel Act Grant Program as per 2019 guidelines issued by the funding agency; and,

WHEREAS, the grant proposal seeks to continue a twenty-plus year partnership implementing Clean Vessel Act goals and objectives in the San Francisco Bay Delta Estuary; and,

WHEREAS, the Clean Vessel Act Education Program is intended to perform outreach and education for recreational boaters and marinas about the location and proper use of sewage pumpouts and to perform monitoring surveys on all public sewage pumpouts four times per year in the 11-county San Francisco Bay and Sacramento Delta Estuary as well as Monterey and Santa Cruz counties (Project Area). In addition, the program notifies marinas about the opportunity to have 75% of the costs of installation or maintenance of the pumpout covered and monitors the current pumpout network, i.e., how many pumpouts are functioning and how many hours are they operating.

**ASSOCIATION OF BAY AREA GOVERNMENTS
RESOLUTION NO. 08-18**

NOW, THEREFORE, BE IT RESOLVED, that the Executive Board of the Association of Bay Area Governments hereby authorizes the Executive Director of the Metropolitan Transportation Commission, or his designee, on behalf of the Association of Bay Area Governments and the San Francisco Estuary Partnership to submit a proposal to the California State Parks Division of Boating and Waterways under the Clean Vessel Act in an amount up to \$225,000; and, if awarded, to enter into a grant agreement with the California State Parks Division of Boating and Waterways and to designate the Executive Director of the Metropolitan Transportation Commission, or his designee, as authorized representative; and to meet the match rate of 33% that will be provided by in-kind SFEP staff time unless waived by the State.

The foregoing was adopted by the Executive Board this 20th of September 2018.

David Rabbitt
President

Certification of Executive Board Approval

I, the undersigned, the appointed and qualified Clerk of the Board of the Association of Bay Area Governments (Association), do hereby certify that the foregoing resolution was adopted by the Executive Board of the Association at a duly called meeting held on the 20th day of September, 2018.

Frederick Castro
Clerk of the Board



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0736 **Version:** 1 **Name:**
Type: Report **Status:** Consent
File created: 9/6/2018 **In control:** ABAG Executive Board
On agenda: 9/20/2018 **Final action:**
Title: Authorization to enter into Contract Amendment with Frontier Energy for Bay Area Regional Energy Network Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018

Sponsors:

Indexes:

Code sections:

Attachments: [06E Memo BayREN Frontier Energy Contract Amendment Final_rev.pdf](#)
[06E Summary Approval BayREN Frontier Energy.pdf](#)

Date	Ver.	Action By	Action	Result
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Authorization to enter into Contract Amendment with Frontier Energy for Bay Area Regional Energy Network Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Authorization to enter into Contract Amendment with Frontier Energy for Bay Area Regional Energy Network Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018**

Executive Summary

The Bay Area Regional Energy Network (BayREN) implements a portfolio of energy efficiency programs across the region. The Association of Bay Area Governments (ABAG) serves as the program administrator and lead agency for a 10-member unincorporated association of local government entities. The California Public Utilities Commission (CPUC), in Decision 12-11-015, authorized funding for BayREN. Thereafter, in Decision 14-10-046, the CPUC authorized BayREN funding through 2025, or when the Commission issues a superseding decision. The current budget for 2018 is approximately \$22 million and is set on a calendar year basis.

ABAG has contracts with BayREN member agencies and with third-party consultants. The third-party consultants were selected through a competitive process to assist in the implementation of the programs. The overall BayREN budget is developed each calendar year, and contracts with agencies and consultants are thereafter amended on an annual basis or as needed.

Frontier Energy (formerly BKI) has provided consulting services to BayREN's Codes and Standards subprogram since 2014. Staff proposes approval of a contract amendment to establish an updated 2018 scope of work for continuing both Technical and Regulatory services and Codes and Standards services. For Technical and Regulatory services, this amendment would be to continue existing services and provide for expanded services related to energy savings projections, data requests and metric baselines, and program targets. For Codes and Standards services, this amendment would allow for expansion of an electronic tool to assist local governments with energy code compliance as well as continuation of existing services through the end of the year. Funding for this amendment is included in BayREN's current budget.

Contract Amendment Frontier Energy

September 13, 2018

Page 2

Recommended Action

The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract amendment with Frontier Energy for Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018, for a total contracted amount of \$888,670, on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.



Steve Heminger

Attachment

Summary Approval

**S U M M A R Y O F E X E C U T I V E B O A R D A P P R O V A L**

Work Item No.:	1721 (NFSN 2307)
Consultant:	Frontier Energy, Inc., Oakland, CA
Work Project Title:	BayREN
Purpose of Project:	Implement a portfolio of energy efficiency programs across the region.
Brief Scope of Work:	Provides consulting services for BayREN Codes & Standards; serves as assistance for portfolio-wide technical and regulatory reporting, evaluation, measurement and verification, and assistance with strategy.
Project Cost Not to Exceed:	Contract Amendment #25 amount: \$159,300 Total contract amount: \$888,670
Funding Source:	PG&E ratepayer funds, as directed by the CPUC
Fiscal Impact:	Funds programmed in FY 2018-19 Budget
Motion by Executive Board:	The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract amendment with Frontier Energy for Technical and Regulatory Consulting Services in an amount not to exceed \$159,300 through December 2018, for a total contracted amount of \$888,670, on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.
ABAG Executive Board Approval:	David Rabbitt, ABAG President
Approval Date:	



ABAG

Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0737 **Version:** 1 **Name:**

Type: Report **Status:** Consent

File created: 9/6/2018 **In control:** ABAG Executive Board

On agenda: 9/20/2018 **Final action:**

Title: Authorization to enter into Contract Amendment with Applied Energy Group for Bay Area Regional Energy Network Multifamily Energy Efficiency Small-project Financing Market Research Study in an amount not to exceed \$100,000 through January 2019

Sponsors:

Indexes:

Code sections:

Attachments: [06F Memo BayREN Applied Energy Group EMV Contract Amendment Final.pdf](#)
[06F Summary Approval BayREN AEG EMV.pdf](#)

Date	Ver.	Action By	Action	Result
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Authorization to enter into Contract Amendment with Applied Energy Group for Bay Area Regional Energy Network Multifamily Energy Efficiency Small-project Financing Market Research Study in an amount not to exceed \$100,000 through January 2019

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Authorization to enter into Contract Amendment with Applied Energy Group for Bay Area Regional Energy Network Multifamily Energy Efficiency Small-project Financing Market Research Study in an amount not to exceed \$100,000 through January 2019**

Executive Summary

The Bay Area Regional Energy Network (BayREN) implements a portfolio of energy efficiency programs across the region. The Association of Bay Area Governments (ABAG) serves as the program administrator and lead agency for a 10-member unincorporated association of local government entities. The California Public Utilities Commission (CPUC), in Decision 12-11-015, authorized funding for BayREN. Thereafter, in Decision 14-10-046, the CPUC authorized BayREN funding through 2025, or when the Commission issues a superseding decision. The current budget for 2018 is approximately \$22 million and is set on a calendar year basis.

ABAG has contracts with BayREN member agencies and with third-party consultants. The third-party consultants were selected through a competitive process to assist in the implementation of the programs. The overall BayREN budget is developed each calendar year, and contracts with agencies and consultants are thereafter amended on an annual basis or as needed.

Ameresco, Inc., dba Applied Energy Group was one of two firms that were deemed qualified and have been on the bench of firms that provide evaluation, measurement, and verification (EM&V). This amendment is for an EM&V study that will conclude in January, 2019. The study will gather market insight for energy efficiency-focused renovation projects requiring financing of less than \$100,000. The insight is valuable in determining whether to implement a new subprogram variant to address this potential market. Staff proposes approval of a contract amendment to establish a task order for a multifamily small-project financing program market research study. Funding for this amendment is included in BayREN's current budget.

Contract Amendment Frontier Energy

September 13, 2018

Page 2

Recommended Action

The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract amendment with Ameresco, Inc. dba Applied Energy Group for a multi-family energy efficiency small-project financing market research study in an amount not to exceed \$100,000 through January 2019, for a total contracted amount of \$215,000, on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.



Steve Heminger

Attachment

Summary Approval

**S U M M A R Y O F E X E C U T I V E B O A R D A P P R O V A L**

Work Item No.:	1721 (NFSN 2307)
Consultant:	Ameresco, Inc. dba Applied Energy Group
Work Project Title:	BayREN - Multifamily Small-Project Financing Program Market Research Study
Purpose of Project:	To determine potential market for multifamily energy-efficiency focused renovation projects requiring financing of less than \$100,000.
Brief Scope of Work:	Applied Energy Group will conduct a literature review, qualitative interviews, quantitative surveys, and develop findings and recommendations to serve as market insight for BayREN's multifamily finance program.
Project Cost Not to Exceed:	\$100,000
Funding Source:	PG&E ratepayer funds, as directed by the CPUC
Fiscal Impact:	Funds programmed in FY 2018-19 Budget
Motion by Executive Board:	The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract amendment with Ameresco, Inc. dba Applied Energy Group for a multi-family energy efficiency small-project financing market research study in an amount not to exceed \$100,000 through January 2019, for a total contracted amount of \$215,000, on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.
Executive Board Approval:	David Rabbitt, ABAG President
Approval Date:	



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #:	18-0738	Version:	1	Name:	
Type:	Report	Status:		Consent	
File created:	9/6/2018	In control:		ABAG Executive Board	
On agenda:	9/20/2018	Final action:			
Title:	Authorization to enter into Contract Agreement with Energy Council for the Heat Pump Water Heater Regional Market Transformation Project in an amount not to exceed \$389,979 through October 2020				
Sponsors:					
Indexes:					
Code sections:					
Attachments:	06G Memo BayREN HPWH Energy Council Final.pdf 06G Summary Approval BayREN HPWH Energy Council.pdf 06G Attachment BayREN Climate Protection Grant Proposal Excerpt.pdf				

Date	Ver.	Action By	Action	Result
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Authorization to enter into Contract Agreement with Energy Council for the *Heat Pump Water Heater Regional Market Transformation* Project in an amount not to exceed \$389,979 through October 2020

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Authorization to enter into Contract Agreement with Energy Council for the Heat Pump Water Heater Regional Market Transformation Project in an amount not to exceed \$389,979 through October 2020**

Executive Summary

The Bay Area Air Quality Management District (BAAQMD), under its Climate Protection Grant Program, has awarded the Association of Bay Area Governments, on behalf of the Bay Area Regional Energy Network (BayREN), a grant in the amount of \$400,000 for the proposal entitled, *Heat Pump Water Heater Regional Market Transformation*. This program will be led by the Energy Council, on behalf of BayREN.

BAAQMD's 2018 Climate Protection Grant Program is a one-time funding program that prioritizes projects that make progress towards achieving the Air District's 2030 and 2050 Green House Gas targets and accelerates the implementation of local climate protection efforts. The duration of the grants range from one to two years.

The Energy Council is a Joint Powers Agency formed in 2013 to seek funding on behalf of the fifteen Alameda County member agencies to develop and implement energy efficiency, resiliency and similar programs. The Energy Council serves as the lead agency for BayREN in Alameda County and for BayREN's Multifamily Building Enhancements program. The Energy Council, the Alameda County Waste Management Authority, and the Alameda County Source Reduction and Recycling Board operate as one public agency under the name of StopWaste.

Working with local partners, including StopWaste, Sonoma Clean Power, and the City of Palo Alto, the BayREN effort will address barriers to greater market adoption of energy efficient Heat Pump Water Heaters in order to produce significant, long lasting benefits. With this funding, BayREN will engage market actors in the supply chain; coordinate with municipal utilities, Community Choice Aggregation programs (CCAs), and local governments for regional consistency; and develop and implement workforce development activities to support the market. Energy Council, on behalf of BayREN, will be the lead on this effort.

Heat Pump Water Heater Regional Market Transformation

September 13, 2018

Page 2

Recommended Action

The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract agreement with the Energy Council for the *Heat Pump Water Heater Regional Market Transformation* project in an amount not to exceed \$389,979 through October 2020 on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.



Steve Heminger

Attachment

Approval Summary
BayREN Climate Protection Grant Proposal (Excerpt)



SUMMARY OF EXECUTIVE BOARD APPROVAL

Work Item No.:	1721 [NFSN To be Determined.]
Consultant:	Energy Council
Work Project Title:	BayREN - Heat Pump Water Heater Regional Market Transformation
Purpose of Project:	To address the market barriers for regional adoption of energy efficient hot pump water heaters.
Brief Scope of Work:	BayREN will engage market actors in the supply chain, coordinate with municipal utilities, CCAs and local governments for regional consistency, and develop and implement workforce development activities to support the market. The Energy Council, on behalf of BayREN, will lead these efforts.
Project Cost Not to Exceed:	\$389,979
Funding Source:	BAAQMD
Fiscal Impact:	Funds to be added to FY 2018-19 Budget
Motion by Executive Board:	The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to enter into a contract agreement with the Energy Council for the <i>Heat Pump Water Heater Regional Market Transformation</i> project in an amount not to exceed \$389,979 through October 2020 on behalf of the Association of Bay Area Governments and the Bay Area Regional Energy Network.
Executive Board Approval:	David Rabbitt, ABAG President
Approval Date:	

BayREN - Heat Pump Water Heater Regional Market Transformation

Section I: Summary of Project

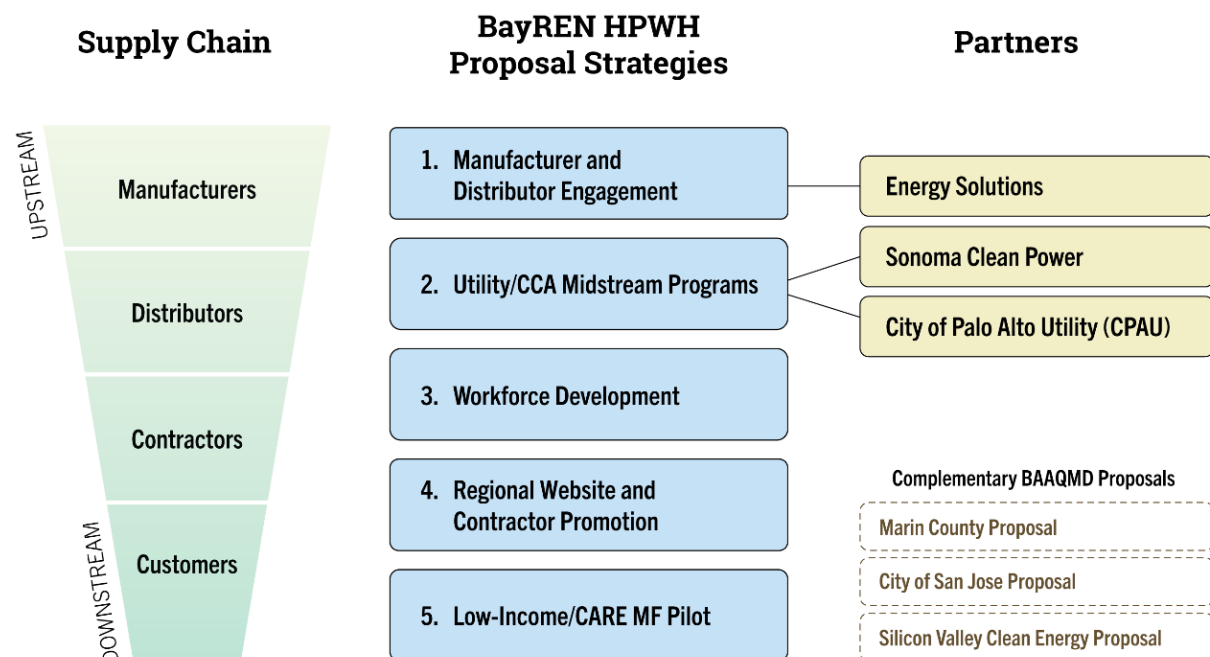
The San Francisco Bay Area Regional Energy Network (BayREN) project, “**Heat Pump Water Heater (HPWH) Regional Market Transformation**” will address five barriers to greater market adoption of energy efficient HPWHs in order to produce significant, long-lasting benefits. These barriers are:

1. Lack of readily available HPWHs for emergency water heater replacements
2. Downstream (directly customer-facing) incentive programs are not scalable
3. Lack of qualified contractors who can install and/or promote HPWHs
4. Lack of homeowner education on HPWH technology
5. Barriers to fuel switching in utility ratepayer-funded energy efficiency programs

Municipal utilities SMUD and City of Palo Alto (CPAU) have offered downstream HPWH incentives since 2016 but have not overcome these market barriers.

As shown in Figure 1, the BayREN team has developed five strategies to address these barriers, engaging partners Energy Solutions, Sonoma Clean Power, and CPAU to provide key upstream and midstream measures, and complementing other proposals offering downstream (customer-facing) incentives.

Figure 1: BayREN Strategies for HPWH Regional Market Transformation



Air District funding is critical for three reasons. First, this funding allows a regional approach to supply chain engagement not limited to individual jurisdictions or CCA service territories. Second, Air District funds can be used to promote switching from gas appliances to electric appliances. Energy utility ratepayer funds cannot be used in this way under current California Public Utility Commission regulations and therefore cannot fund this project, although ratepayer funds are leveraged in this proposal. Finally, this is a key moment when HPWHs are present in the market but have not been widely adopted because of the barriers discussed above, and Air District funds can, through this

BayREN - Heat Pump Water Heater Regional Market Transformation

project, transform the water heater market throughout the region in addition to directly increasing the number of HPWHs in use.

Section II: Strategic Approach

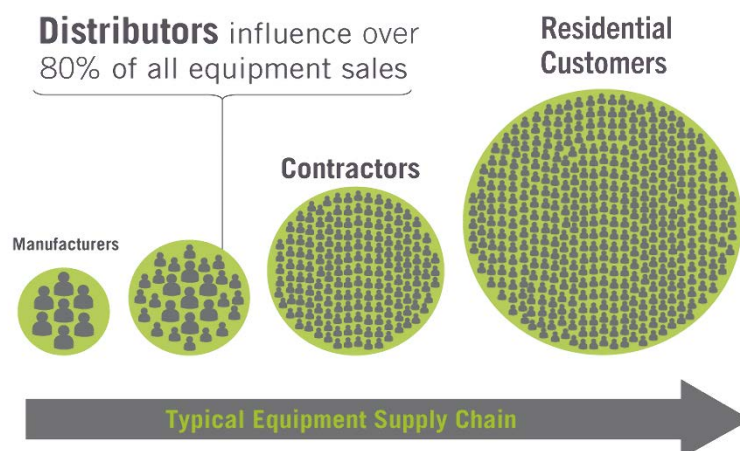
Ninety percent of Bay Area homes have water heaters that use natural gas, a fossil fuel that emits GHGs when transmitted and burned. Replacing these with electric water heaters improves indoor air quality and safety. As electricity becomes carbon-free in the Bay Area, switching to electric water heating will be essential for meeting the Air District's (and the State's) GHG reduction goals. HPWHs are more efficient than gas water heaters and electric resistance water heaters,¹ and HPWHs with a tank have an added value of storage, with the ability to load shift so that water can be heated at lower demand times of use.

Through five strategies, developed to address known barriers at every point in the supply chain, this project will change the market for hot water heaters throughout the San Francisco Bay region while complementing proposals that provide downstream incentives and marketing in targeted areas. We have included letters of support from Marin County, City of San Jose, and Silicon Valley Clean Energy.

Strategy #1: Engage market actors higher in the supply chain for greatest leverage

Early adopter communities, including Palo Alto and Berkeley, learned that water heater contractors were not offering HPWHs as an option for emergency replacements, in part because the equipment was not readily in stock. The project team will serve as a bridge between the national distribution channels and local programs. Energy Solutions, a key partner in this proposal, has an established network of relationships within the manufacturer, distributor and contractor communities in the Bay Area and beyond, which will facilitate our engagement with these market actors (see commitment letter). They recently won a CEC grant of \$1 million to deploy an online platform, TradePro Connect, and other tools in California. To provide matching support for this project, they will use the Bay Area as a demonstration region. The project team will map out the manufacturer, distributor and contractor network for the entire Bay Area, and communicate the growing market opportunity in the Bay Area. As illustrated by Figure 2, the market supply chain for HPWHs is where a regional program can have the most cost-effective impact. In order to really move the HPWH market, interventions should target the midstream of the supply chain, before products reach the

Figure 2: Distributors are a highly effective leverage point



¹ HPWHs have a coefficient of performance of 2.8, compared to 0.6 for gas water heaters and 0.9 for electric resistance water heaters.

BayREN - Heat Pump Water Heater Regional Market Transformation

consumer. In a study by DNV GL for the CPUC in 2016 on HVAC systems, it was found that 81% of customer purchases were influenced by distributor recommendations.²

Strategy #2: Coordinate with municipal utilities, CCAs and local governments for regional consistency

An incentive given to a distributor can have 9 times the impact of an incentive given to a homeowner.³ However, a midstream incentive program can be difficult to implement at a small scale. Utilizing best practices learned from an existing midstream incentive program offered through partner Sonoma Clean Power, this project will bring a midstream program to the region, thereby streamlining the process for all Bay Area municipal utilities and CCAs.

In developing this proposal, the BayREN team identified numerous municipal utilities and CCAs interested in promoting building electrification and implementing future incentive programs. The City of Palo Alto has committed to matching incentive funds for this project (see commitment letter) as our first partner utility for the regional market transformation program. We plan to work with additional municipal utilities and CCAs (see support letters from Alameda Municipal Power and Peninsula Clean Energy) to help them understand the cost-effectiveness of offering distributor incentives in lieu of, or in conjunction with, downstream incentives.

Additionally, if the Air District funds this project and any of the complementary proposals from Marin County, City of San Jose, or Silicon Valley Clean Energy, the project teams will work to leverage the regional market development for greater impact, while cross-promoting their local incentives to the key supply chain actors.

Strategy #3: Workforce development – contractors, building departments, and trade allies

Workforce development is essential for market transformation on a regional level. HPWHs require trained installers who can assess a site for suitability, recognize the cooling effect of the appliance on the space, and provide electrical and plumbing work. Manufacturers and PG&E already offer some contractor training, and the BayREN team will leverage those while also providing additional training opportunities as needed. To ensure support for HPWHs at local building departments and through the permitting process, BayREN will provide training through its Codes & Standards Program to local building department staff about HPWHs to assist homeowners and contractors at the counter, and to review and inspect HPWH projects.

The project team will also develop new curriculum for contractors on financing, including options such as federal solar tax credits, PACE, and the statewide Residential Energy Efficiency Loan (REEL) program. Even when incentives are unavailable, the high upfront costs of HPWHs can be mitigated by offering an attractive financing package. Additionally, because installation costs for HPWHs are lowest when bundled with other technologies, the project team will work with programs such as Sunshares (BC3), PACE providers, and solar companies to help them cross-promote HPWHs to customers purchasing solar photovoltaic (PV), electric vehicles (EV) or charging stations by providing information and educational materials. Letters of support are attached from Sunshares (BC3) and three PACE providers.

² HVAC1 NTG Final Report (2016), DNV GL for the CPUC, p. 4.

³ The 900 Percent Solution: Upstream Best Practices across HVAC and Multiple Technologies, Cornejo & Barnacle,

BayREN - Heat Pump Water Heater Regional Market Transformation

Figure 3: Trainings Included in this Program

Training Content	Target Audience	Problem Addressed
A. HPWH installation (new and leveraged trainings)	Contractors Designers	Contractors unfamiliar with HPWHs submit unrealistic bids and contribute to the high variation in installation costs
B. HPWH installation and inspection requirements (BayREN match)	Building Departments	Counter staff are unaware of HPWH installation requirements and benefits; building inspectors may be unaware of specific requirements
C. Financing for HPWHs (new content)	Lenders, homeowners	High upfront cost Uncertainty about financing
D. PV and HPWHs (new content)	PV installers and financiers	Solar contractors are unaware of HPWHs and compatibility with solar
E. EV and HPWHs (new content)	EV sales staff and charging station installers	EV and EV infrastructure sellers are unaware of HPWHs and shared need for electric panel upgrades

As mentioned, project partner Energy Solutions is providing access to an online platform, TradePro Connect, for contractor services. TradePro Connect is a services marketplace connecting customers to a network of qualified professionals, helping with bidding and energy services. The tool can be used by homeowners as well as distributors and contractors. Trained contractors can enroll in TradePro Connect, and BayREN's website will direct residents to the platform to obtain multiple competitive bids for HPWH installation.

Strategy #4: Develop homeowner education to support contractors and partner organizations

This project includes homeowner education that leverages existing industry outreach channels, and BayREN's single-family energy efficiency outreach. BayREN's members conduct ongoing homeowner workshops and events in all nine-counties of the Bay Area and will be promoting these HPWH resources. Target homeowners are 1) early adopters who are ready to take the next step, and 2) those with a failing water heater who need an emergency replacement unit.

Education components include:

- Addition of homeowner education to the BayREN website, explaining the value of heat pump water heaters and providing a basic costing tool.
- Informational flyer on the benefits of heat pump water heater replacement. Brochures will be provided to trained contractors, partner utilities and CCAs as a marketing tool.
- Digital AdWords campaign to capture search inquiries for water heater replacement. This campaign will target single-family homeowners who need to replace their water heaters due to age or other factors. The campaign will point homeowners to educational information on BayREN's website and the TradePro Connect platform for contractor bids.

Strategy #5: Install fuel switching measures in Low-Income and CARE communities

BayREN's Multifamily Building Enhancements (BAMBE) program is the most successful and cost-effective whole-building multifamily retrofit program in California, incentivizing over 5,000 units per year. We already have property owners in our pipeline interested in installing HPWH equipment in their buildings, but current CPUC regulations, specifically the "three-prong test," prohibit the use of

BayREN - Heat Pump Water Heater Regional Market Transformation

utility ratepayer funds to replace natural gas water heaters with electric water heaters because of cost-efficiency. The Air District grant will allow this program to provide an additional subsidy so that the HPWHs become cost-effective per the CPUC's definition and can be installed as part of the BAMBE program.

The pilot will exclusively serve CARE and low-income communities in the Bay Area. CARE and low-income communities are also communities with high multifamily housing concentrations, making this approach particularly appropriate.

Figure 4: Program Strategies, Elements, and Timeline

Strategy	Element	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8
		2018	2019			2020			
1. Supply Chain	Manufacturer & distributor engagement	•				•			
2. Utility/CCA Coordination	City of Palo Alto, Sonoma Clean Power	•	•	•	•				
	Other Municipal Power agencies & CCAs	•	•	•	•	•	•	•	•
3. Workforce Development	Contractor recruitment	•	•	•					
	Host minimum of 15 trainings		•	•	•	•	•	•	
	Enroll 50+ contractors in TradePro Connect		•	•	•				
4. Consumer Education	Launch homeowner website & flyers				•	•			
	Digital campaign promoting TradePro Connect					•	•	•	•
5. HPWH Installations	Pilot in 250 low-income or CARE multifamily units		•	•	•	•			
	Installations from midstream incentive programs			•	•	•	•	•	•
	Installations from TradePro Connect							•	•

Key Partners & Roles:

BayREN is a nine-county collaborative that implements energy efficiency solutions at a regional scale. StopWaste, which is the lead agency for BayREN in Alameda County and for this proposal, has a 15 year track record of designing market transformation programs for the buildings sector. This proposal leverages the following BayREN programs:

- **Single-Family:** BayREN's local government members are a trusted voice for homeowners and conduct outreach to promote single-family home upgrades.
- **Multifamily:** BayREN offers free technical assistance and rebates to multifamily property owners throughout the Bay Area, and a financing referral service.
- **Codes and Standards:** BayREN provides specialized trainings to local government planning, building and sustainability staff, on building code inspection and innovative policies.
- **Financing:** BayREN engages with PACE providers who finance and install solar PV, along with electric system upgrades.

Energy Solutions is a respected industry leader that has been designing midstream incentive programs in 20 states over the past 20 years. Energy Solutions brings its relationships with manufacturers and distributors, and an online platform for coordinating contractor services, TradePro Connect.

BayREN - Heat Pump Water Heater Regional Market Transformation

The City of Palo Alto has implemented a downstream incentive program for HPWHs since 2016, and their experience has informed the key barriers addressed by this proposal. The City of Palo Alto is BayREN's initial utility partner in implementing a midstream incentive program.

Sonoma Clean Power (SCP) recently launched a midstream incentive program to single family homeowners and received a \$13 million CEC grant that will be used to provide a brick and mortar storefront. SCP will be a key advisor on the regional program's design and implementation.

Section III. Connection with Air District Goals and Objectives

The Heat Pump Water Heater Regional Market Transformation project supports the over-arching goal of the Climate Protection Grant Program of accelerating implementation of the Air District's 2017 Clean Air Plan. This proposal will assist the Air District in moving towards the vision for 2050 set forth in the 2017 Plan by helping to decarbonize buildings, reduce dependence on gas, increase energy efficiency, and allow for load-shifting from peak demand times through HPWH storage and controls. In addition, this project will support all six objectives of the Air District's Climate Protection Grant Program.

Objective 1: Support measure(s) outlined in the Air District's 2017 Clean Air Plan.

Our proposal would accelerate work on the following control measures (in order of direct relevance):

- **BL2: Decarbonize Buildings:** This project will transform the Bay Area market for hot water heaters, paving the way for a shift from fossil fuel powered water heaters to efficient electric heat pump water heaters. The 2017 Clean Air Plan recognizes the need for that shift and notes that "existing residential and commercial buildings will need to switch from fossil fuels to low-carbon electricity . . . [for] water heating." (p. 5/17)
- **BL3: Market Solutions:** HPWHs must be seen as the superior product that they are for widespread increase in installations. This project will use market-based solutions in the form of midstream incentives to increase promotion of HPWHs by distributors and contractors.
- **EN2: Decrease Electricity Demand:** Electric HPWHs have a significantly higher Coefficient of Performance than gas water heaters or other types of electric water heaters, which results in lower demand for electricity. In addition, these water heaters can use electricity during off-peak times and store hot water until needed, to reduce peak electricity demand.

Objective 2: Achieve air quality co-benefits.

By removing barriers to electric heat pump water heaters, BayREN's proposal will accelerate replacement of water heaters that rely on fossil fuels with efficient water heaters powered by low carbon electricity. This replacement will reduce criteria pollutants and toxic air contaminants as well as greenhouse gases.

Objective 3: Accelerate local implementation of GHG reduction policies and programs.

Cities across the region express the need for market support to accelerate heat pump water heater adoption (see attached letter of support from the City of Berkeley, and key partner Palo Alto). This proposal will provide support for all jurisdictions in the region and assist them in working towards their energy efficiency, decarbonization, and electrification goals.

BayREN - Heat Pump Water Heater Regional Market Transformation

Objective 4: Engage and benefit impacted/CARE communities.

Part of our proposal includes leveraging BayREN's Multifamily Building Enhancements program to provide subsidies for electric heat pump water heaters as part of multifamily upgrades for approximately 250 apartments in low-income and CARE communities.

Objective 5: Implement innovative approaches.

Although the technology and equipment are readily available, HPWHs only constituted 1% of water heater installations in 2018. Addressing all five identified barriers together in one comprehensive, regional program is an innovative approach to increasing the use of HPWHs.

Objective 6: Create replicable solutions for the Bay Area and elsewhere.

The scale of our proposal ensures that every part of the region can benefit. This approach will be replicable in other regions as well; see attached letter of support from the Tri-County Regional Energy Network (3C-REN).

Section IV: Potential for GHG reductions

BayREN estimates that funding this project will result in steadily increasing GHG reductions, with an estimated annual reduction of 862 MTCO₂e by 2020 going up to an annual reduction of 10,002 MTCO₂e in 2025, as shown in Figure 5 below. Estimated cumulative GHG reductions due to this project from 2018-2025 would be 20,748 MTCO₂e. GHG reductions would begin during the first year of the project.

Figure 5: Estimated Annual GHG reductions⁴

	Reductions per year by 2020	Reductions per year by 2022	Reductions per year by 2025
Single family households served	1,010	2,002	12,500
GHGs reduced (net) MTCO ₂ e	758	1,503	9,378
Multifamily households served	250	750	1,500
GHGs reduced (net) MTCO ₂ e	104	312	624
Total GHG reductions net MTCO₂e	862	1,815	10,002

The GHG reductions from this project will come from both market transformation activities and directly subsidized units. In addition, efforts are progressing to remove the limitations on fuel switching, and data from our multifamily low-income/CARE pilot will contribute evidence to support regulatory changes. We assume that CPUC regulations will be revised by 2020 to allow gas to electric conversions, thereby allowing increased use of HPWH as replacement water heaters in both single family and multifamily buildings. Due to this project's market transformation efforts, we estimate that 25% of single-family Bay Area HPWH installations starting in 2021 will be attributable to this project. We also assume that we will sustain 250 multifamily units served annually in the BayREN multifamily program, even without Air District funding once CPUC regulations are revised. Additional assumptions used are described below.

⁴ GHG reductions are calculated using the conversion factors listed in the proposal guidelines (0.005 MTCO₂e/therm, 0.197 MTCO₂e/MWh. Detailed calculations available upon request.

BayREN - Heat Pump Water Heater Regional Market Transformation

Single Family GHG reduction assumptions

With 2.6 million housing units in the Bay Area,⁵ and an average life of 13 years per water heater, this proposal anticipates 10% of the replaced water heaters in 2025 will be HPWH (20,000), reaching a total of 50,000 HPWHs installed to date. To achieve that total, we expect an increase over 7 years with residents choosing HPWH on distributor recommendations due to the midstream incentive programs and the TradePro Connect platform linking contractors and households for emergency replacement.

In 2020, a statewide water heater incentive program is expected to launch, and this market will be primed to accelerate the pace of HPWH installations, reaching more than 20,000 installed in 2025. These scenarios are likely given the performance of upstream incentive programs in New England, with sales increasing eight-fold over one year's time.

Additional assumptions are:

- Single family home hot water use for a three-person household is 46 gallons/day
- Gas use for hot water is 180 therms/year per HPWH (reduced MTCO₂e)
- Electricity use for HPWH is 760 kWh/year per HPWH (increase in MTCO₂e)
- After 2021, 25% of new HPWH installations can be attributed to BayREN program efforts
- No GHG emission reductions were calculated due to decrease in gas leakage, although leakage contributes to GHG emissions (around 1%) and impacts air quality

Multifamily GHG Reduction Assumptions

Multifamily installations under the BAMBE program include customized HPWH equipment that can match the property's needs. Assumptions for these installations include:

- 25 in-unit gas water heaters: -185 therms, +877 kWh per unit (net -0.75 MTCO₂e)
- 15 in-unit gas space heating: - 49 therms, + 14 kWh per unit (net -0.24 MTCO₂e)
- 1 central water heater (60 units): - 8100 therms, + 42000 kWh (net -32.23 MTCO₂e)
- 2 central water heaters (15 units each): - 2025 therms, + 10,500 kWh (net -8 MTCO₂e)
- 2 HPWH for tenant shared laundry: - 860 therms, + 7,600 kWh (net -2.8 MTCO₂e)
- 2 HPWH for pool heating: - 8,000 therms, + 48,000 kWh (net -30.5 MTCO₂e)

Section IV: Potential for GHG reductions

The following metrics will be tracked and used to measure the success of the program.

Figure 6: Metrics of Success

Program Target	Metrics of success
Supply Chain	Number of manufacturers/distributors engaged through program
	Number of TradePro Connect enrolled contractors in region
Utility/CCA coordination	Number of utilities/CCAs assisted
Workforce Development	Number of industry professionals trained
Homeowner Education	Number of views of regional website
	Clicks on Google AdWords
Installations of HPWHs	Number of HPWH units installed

⁵ <http://www.bayareacensus.ca.gov/bayarea.htm>

BayREN - Heat Pump Water Heater Regional Market Transformation

Attached Letters of Support

1. Letters of Commitment from Key Project Partners

- City of Palo Alto Utility
- Energy Solutions
- Sonoma Clean Power (CCA)

2. Letters of Support from Complementary Proposals for Air District Funding

- Marin County
- City of San Jose
- Silicon Valley Clean Energy (CCA)

3. Letters of Support from Additional Municipal Utilities and CCAs

- Alameda Municipal Power
- Peninsula Clean Energy (CCA)

4. Letters of Support from Workforce Development Partners

- Passive House California
- Business Council on Climate Change (BC3, Sunshares)
- PACE Funding (PACE)
- Renovate America (PACE)
- Renew Financial (PACE)

5. Letter of Support from Outside the Bay Area

- San Luis Obispo County and Tri-County Regional Energy Network (3C-REN) in Santa Barbara, Ventura and San Luis Obispo Counties

6. Others

- City of Berkeley



UTILITIES DEPARTMENT

250 Hamilton Avenue, 3rd Floor
Palo Alto, CA 94301
650.329.2241

May 10, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The City of Palo Alto is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation Project*. This project will help jurisdictions in the nine county region to reduce greenhouse gas emissions from existing buildings. This concept directly supports BAAQMD's Clean Air Plan (2017) strategies to: 1. Promote energy and water efficiency in existing buildings; 2. Promote a switch from natural gas to electricity for space/water heating in buildings; and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption and greenhouse gas (GHG) emissions associated with residential water heating, and this project will help realize those savings consistent with Senate Bill 350 (2015), Assembly Bill 32 (2006), Assembly Bill 802 (2015), and other state guidance.

We support BayREN as the ideal organization to lead a regional market transformation program for residential HPWHs. By leveraging their experience in designing and implementing effective energy efficiency programs along with support from local governments, municipal utilities and CCA's, BayREN is well positioned to deliver a successful program. The City of Palo Alto looks forward to collaborating with the BayREN team to accelerate building electrification and transforming the market for HPWHs.

We support the regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed on a local scale. These barriers include, but are not limited to: high upfront costs, lack of readily available HPWHs for emergency replacements, lack of trained contractors for installations, lack of homeowner awareness on HPWH technology, and lack of funding source for fuel switching programs. BayREN's proposed program will address these barriers through a multi-pronged approach, including direct engagement with the manufacturers, distributors, contractors and homeowners.

The City of Palo Alto Utilities (CPAU) is the only carbon neutral gas and electric utility in the world and is committed to demonstrating leadership on the path to a sustainable future. In order to meet the City's aggressive GHG emission reduction goal of 80% below 1990 by 2030, the City recognizes the need to pursue electrification in the buildings and transportation sectors. CPAU is one of the first cities in California to offer aggressive downstream HPWH rebates, along with comprehensive online resources for our customers. We have also co-hosted HPWH workshops with Passive House California to raise public awareness of HPWH technology. However, given the limited geographic coverage of Palo Alto, the overall impact of CPAU's activities on the HPWH market is limited. In order to affect profound HPWH

Page 2

market transformation, local governments, utilities and CCAs must pool their resources to pursue a coherent set of strategies to increase HPWH adoption.

The City of Palo Alto commits to supporting the BayREN project as a utility partner, providing in-kind contribution of \$11,000 for CPAU staff time and matching incentive funds in the amount of \$35,000 over two years to support the regional HPWH market transformation program. CPAU will target a total of 70 HPWH units installed in our service territory during the grant contract period (2018-2020). CPAU staff will use outreach materials created by the BayREN proposal for Palo Alto residents as well as work alongside SunShares and Passive House California to reach Palo Alto residents.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Respectfully,

DocuSigned by:
Ed Shikada
F2DCA19CCC8D4F9...

Ed Shikada
General Manager of Utilities
City of Palo Alto



ENERGY SOLUTIONS

May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

Energy Solutions is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements. We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

Energy Solutions was recently awarded a Statewide EPIC Procurement Group 4 Procurement grant to deploy solutions to address installation and procurement barriers to the adoption of energy efficiency and decarbonization measures throughout the state of California. As part of this grant, Energy Solutions is funded to develop upstream manufacturer and distributor market transformation interventions tailored to the California supply chain. Energy Solutions, as part of its scope of work funded by the CEC EPIC grant, pledges to bring \$150,000 in match funding to this BayREN proposal to support program design, supply chain market actor engagement, and contractor network management and training towards the objectives of this proposal.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

Chris Burmester, Vice President of Products and Strategy
Energy Solutions



Local. Renewable. Ours.

May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

Sonoma Clean Power (SCP) is pleased to provide this letter of support for the BayREN grant application *Heat Pump Water Heating (HPWH) Regional Market Transformation*. As an organization driven by a goal of reducing greenhouse gas emissions, SCP strongly supports tools and strategies that advance the deployment of heat pump water heaters, and feels as though this project will help to realize the goals of California legislation such as Senate Bill 350, Assembly Bill 32, Assembly Bill 802. We feel that BayREN is a good entity to lead this proposed regional effort.

SCP is a public, locally-run "community choice" power provider in Sonoma County. SCP is the default electric generation provider to all customers in Sonoma and Mendocino Counties with the exception of the Cities of Healdsburg and Ukiah. SCP partners with Pacific Gas and Electric (PG&E), which continues to provide grid management and billing services, while competing with PG&E to provide cleaner and cheaper sources of power. Sonoma Clean Power currently administers a new construction program that incentivizes all-electric construction and is working on the development of a mid-stream heat pump water heater program. We look forward to coordinating with the BayREN team on strengthening our current program models, providing lessons learned from our current efforts, working with California CCAS and municipal utilities to strengthen their heat pump water heater programs, and leveraging the training resources that will be created as a part of this grant application.

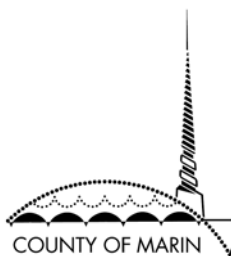
We look forward to collaborating with the team to accelerate electrification, reduce greenhouse gas emissions within the SCP territory, and transform the regional market for residential heat pump water heaters.

Sincerely,

A handwritten signature in black ink, appearing to read "Geof Syphers", is written over a faint, light green background graphic of a mountain range.

Geof Syphers, CEO

Sonoma Clean Power



COMMUNITY DEVELOPMENT AGENCY
PLANNING DIVISION

May 9, 2018

Brian C. Crawford
DIRECTOR

Thomas Lai
ASSISTANT DIRECTOR

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Marin County Civic Center
3501 Civic Center Drive
Suite 308
San Rafael, CA 94903
415 473 6269 T
415 473 7880 F
415 473 2255 TTY
www.marincounty.org/plan

Dear Ms. Berg:

The County of Marin is pleased to partner with BayREN on the Heat Pump Water Heating (HPWH) Regional Market Transformation project. This project will help jurisdictions in the nine-county region reduce GHGs from existing buildings. This concept directly supports Clean Air Plan (2017) strategies including:

- Promoting energy and water efficiency in existing buildings,
- Promoting a switch from natural gas to electricity for space/water heating in buildings, and
- Allowing load-shifting from peak demand times through HPWH controls.

There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

We feel that BayREN is the right entity to lead on a regional program and look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. We are excited to support a project which leverages existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

While Marin's efforts focus on local government education and direct-to-consumer rebates, BayREN's approach would provide up- and mid-stream incentives regionally that would be challenging for a local government to coordinate alone. County of Marin staff believes BayREN's proposal in conjunction with our local proposal will amplify the impact of building decarbonization efforts in the region.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

Dana Armanino
Senior Sustainability Planner

May 10, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale Street
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg,

The City of San José is pleased to collaborate with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine-county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

We look forward to collaborating with the BayREN team to accelerate electrification and transform the regional market for residential heat pump water heaters. We will support this project which leverages existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to, a lack of readily available HPWHs for emergency replacements, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

As this effort aligns with our BAAQMD grant proposed program for electrification incentives and education as well as our carbon reduction goals set out in our recently adopted Climate Smart San José plan, we commit to collaborating with BayREN on program design, marketing, and implementation as appropriate. I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,



Cyndy Comerford
Deputy Director, Climate Smart San José
City of San José



333 W El Camino Real, Ste. 290 | Sunnyvale, CA 94087 | SVCleanEnergy.org | 1-844-474-SVCE

Rob Rennie, Chair
Town of Los Gatos

May 9, 2018

Daniel Harney, Vice Chair
City of Gilroy

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

Liz Gibbons
City of Campbell

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Rod Sinks
City of Cupertino

Dear Ms. Berg:

Jeannie Bruins
City of Los Altos

Silicon Valley Clean Energy (SVCE) is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine-county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is major potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

Courtenay C. Corrigan
Town of Los Altos Hills

Marsha Grilli
City of Milpitas

Burton Craig
City of Monte Sereno

We feel that BayREN is the right entity to lead on a regional program, and look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. We will work with this project which leverages existing BayREN programs and CEC grants, along with support from municipal utilities, and other local governments and CCAs beyond our service territory. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

Steve Tate
City of Morgan Hill

Margaret Abe-Koga
City of Mountain View

Dave Cortese
County of Santa Clara

Howard Miller
City of Saratoga

Nancy Smith
City of Sunnyvale

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.



333 W El Camino Real, Ste. 290 | Sunnyvale, CA 94087 | SVCleanEnergy.org | 1-844-474-SVCE

Rob Rennie, Chair
Town of Los Gatos

Daniel Harney, Vice Chair
City of Gilroy

Liz Gibbons
City of Campbell

Rod Sinks
City of Cupertino

Jeannie Bruins
City of Los Altos

Courtenay C. Corrigan
Town of Los Altos Hills

Marsha Grilli
City of Milpitas

Burton Craig
City of Monte Sereno

Steve Tate
City of Morgan Hill

Margaret Abe-Koga
City of Mountain View

Dave Cortese
County of Santa Clara

Howard Miller
City of Saratoga

Nancy Smith
City of Sunnyvale

Silicon Valley Clean Energy is a community choice energy agency serving thirteen Silicon Valley jurisdictions, providing clean, carbon-free power to more than 270,000 residential and commercial electricity customers. In partnership with our 13-member jurisdictions, SVCE is seeking funding under the same BAAQMD Climate Protection Grant Program for a complementary program focused on building electrification and decarbonization in the residential sector.

Specifically, SVCE's proposed 'FutureFit Home' initiative provides direct support for installation of heat pump water heaters (HPWH) in our service territory, and the associated electric service panel upgrades often required for HPWHs. Importantly, these improvements serve as the backbone for transition to a carbon-free all-electric home – including heat pump space heating, EV charging, integrated controls, and high-efficiency electric appliances such as induction cooktops and heat pump clothes dryers. The scope proposed by BayREN focused on regional transformation elements is highly synergistic with SVCE's proposed scope – allowing SVCE to concentrate on specific deployments in our service territory while leveraging regional efforts for general market education and supply chain channel expansion related to HPWHs.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

A handwritten signature in blue ink, appearing to read "Girish Balachandran", is written over a horizontal line.

Girish Balachandran
CEO
Silicon Valley Clean Energy (SVCE)



**ALAMEDA
MUNICIPAL POWER**

A Department of the City of Alameda

May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The Alameda Municipal Power is pleased to partner with the Bay Area Regional Energy Network (BayREN) on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county regions reduce greenhouse gases (GHGs) from existing buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

We feel that BayREN is the right entity to lead on a regional program, and look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. We will work with [or support] this project which leverages existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to existing building code and rigid enforcement at the local level, a lack of readily available HPWHs for emergency replacements, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching with regards to electricity savings goals for utility ratepayer-funded energy efficiency programs.

2000 Grand Street
P.O. Box H
Alameda, CA 94501-0263
www.alamedamp.com

Phone 510-748-3900
Fax 510-748-3975





**ALAMEDA
MUNICIPAL POWER**

A Department of the City of Alameda

Alameda Municipal Power (AMP) has had a residential rebate program for new heat pump water heaters. AMP has, to date, received only two applications. A regional education and promotion program would increase participation and would also be aligned with the City of Alameda's overall GHG reduction goals.

Sincerely,

Sender's Name: Harpreet Singh

Sender's Job Title: Utility Energy Analyst

2000 Grand Street
P.O. Box H
Alameda, CA 94501-0263
www.alamedamp.com

Phone 510-748-3900
Fax 510-748-3975



San Mateo County | Atherton | Belmont | Brisbane | Burlingame | Colma | Daly City | East Palo Alto | Foster City
Half Moon Bay | Hillsborough | Millbrae | Menlo Park | Pacifica | Portola Valley | Redwood City | San Bruno | San Carlos San
Mateo | South San Francisco | Woodside

May 9, 2018
Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The Peninsula Clean Energy (PCE) is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

PCE is the community choice aggregator (CCA) serving San Mateo County. PCE serves 765,000 residents across 295,000 customer accounts. Our annual load is 3,600 GWh with a peak of 700 MW. Approximately, 2/3 of PCE's load is from non-residential accounts. PCE is governed by a Board of Directors comprised of city council representatives from each city in San Mateo County and two County Supervisors. PCE goals include providing power that is 100% GHG-free by 2021 and 100% renewable by 2025.

BayREN is a highly effective to lead on a regional program and we look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. PCE will share information and aim to coordinate with this project as PCE's building electrification strategy is developed. The project leverages existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs. We believe that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

Rafael Reyes
Director of Energy Programs
Peninsula Clean Energy
rreyes@peninsulacleanenergy.com



May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

Passive House California (PHCA) is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. These goals specifically align with the goals and mission of PHCA and the international Passive House standard, so we are happy to lend our support to this shared effort.

There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance. We are happy to have BayREN provide the lead on a regional program, and look forward to collaborating with the team to accelerate electrification to transform the regional market for residential heat pump water heaters. We've been actively working in the region for the past two years to educate the public about Heat Pump Water Heaters. We will work with this project to leverage existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not

scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

Passive House California brings specific expertise and focus to the implementation level. Our organization provides an effective bridge between policy and the 'boots on the ground' reality of what gets implemented in the field. Our members have extensive expertise in both the design and installation of Heat Pump Water Heaters as we have been early adopters of this technology and have worked through many of the early barriers to adoption. We are also fortunate to enjoy direct relationships with manufacturers of this equipment, so are uniquely positioned to assist BayREN with the implementation of this program.

I have no doubt that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Bronwyn Barry', with a stylized, cursive script.

Bronwyn Barry, RA, CPHD

Passive House California Co-President



BUSINESS COUNCIL ON
CLIMATE CHANGE

May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale Street
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The Business Council on Climate Change is pleased to partner with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

We feel that BayREN is the right entity to lead on a regional program, and look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. We support this project which leverages existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

The Business Council on Climate Change (BC3) is a coalition of San Francisco Bay Area organizations dedicated to forging collaborative, local solutions to climate change. We work together—across businesses, across government agencies, and across economic sectors—to secure a vibrant future for our city and our planet. Through the SunShares program, cities and large employers pool the buying power of their residents to secure discounts from experienced solar firms on residential solar installations and vehicle dealerships on electric vehicle ownership, while also offering no-cost workshops and home solar assessments. The SunShares program educates thousands of homeowners across the Bay Area on how to reduce their personal consumption of fossil fuels at home and make the switch to solar. BC3 is working to expand our educational outreach to include more information on Electrification which could include the benefits of HPWH technology. BayREN's proposed HPWH Regional Market Transformation project will

directly help build BC3's capacity to educate homeowners on the benefits of HPWH, put consumers directly in touch with qualified contractors and increase renewable energy adoption across the Bay Area.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,



Christina Armor
Program Director
Business Council on Climate Change



May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

PACE Funding Group, LLC, would be interested in partnering with BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings.

PACE Funding LLC provides financing to homeowners for energy-and water-efficiency projects. Because credit scores are not used in our credit decision process, our financing is available to a much broader portion of the population than other forms of financing. We believe that all homeowners should have access to programs such as this one, and our form of financing can make a difference in that regard. Also, the attractive rates associated with PACE would provide low monthly payments and therefore maximize the economics for homeowners, making this program as attractive as possible, amplifying the effect of subsidies and driving adoption. Furthermore, we have strong relationships with relevant contractors who would very much like to participate in a program that has the explicit endorsement of BayREN.

We feel that BayREN is the right entity to lead on a regional program, and look forward to collaborating to accelerate electrification and transform the regional market for residential heat pump water heaters. We would be very interested in providing financing to homeowners who participate in this project, with the support of local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

Mark Schmidt
Chief Operating Officer



May 10, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

Re: **Letter of support for BAAQMD Grant**

Dear Ms. Berg:

Renovate America is proud to support the efforts of BayREN on the Heat Pump Water Heating (HPWH) Regional Market Transformation project. This project will help jurisdictions in the nine-county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to:

1. Promote energy and water efficiency in existing buildings;
2. Promote a switch from natural gas to electricity for space/water heating in buildings; and
3. Allow load-shifting from peak demand times through HPWH controls.

There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

BayRen is well positioned to lead a regional program, and Renovate America looks forward to collaborating with the team to help accelerate electrification. We will support the goals of this project, which plans to leverage existing BayREN programs and CEC grants, along with support from local governments, municipal utilities and CCAs.

We support BayREN's regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

Renovate America is the leading provider of Property Assessed Clean Energy (PACE) financing, which the Lawrence Berkeley National Laboratory has cited as one of the nation's most successful forms of financing for home energy and efficiency improvements. PACE empowers homeowners to make energy and efficiency improvements and pay for them over time at a competitive, fixed interest rate through an additional, voluntary line on their property taxes. PACE mobilizes private capital from around the world to invest in saving energy, reducing emissions and creating jobs in local communities. With no cost to local government budgets,





PACE enjoys bipartisan support, and PACE-enabling legislation has been approved by more than 30 states.

Born in California over a decade ago, PACE has allowed the owners of more than 200,000 American homes to make quality energy, efficiency and resiliency improvements to their property.¹ It is estimated that by spurring demand for contractor services, these improvements have created more than 50,000 local jobs. Over their expected lifetime, PACE-financed improvements to date are projected to save over 20 billion kilowatt-hours of electricity, equivalent to powering more than 1.85 million homes for a year; save over 11 billion gallons of water, equivalent to the amount needed to fill over 16,500 Olympic-sized swimming pools; and reduce carbon dioxide emissions by over 4.8 million tons, equivalent to taking more than 935,000 cars off the road for a year.²

Renovate America looks forward to continuing to advance its public-private partnership that is helping meet local, regional and state climate policy objectives through the financing of energy- and water-saving home improvements.

Sincerely,

Dustin Reilich

Dustin Reilich
Senior Director of Market Development
Renovate America

¹ PACENation Market Data. Retrieved from: <http://pacenation.us/pace-market-data/#residential>

² HERO Financing data as of January 2018. Calculation explanations can be found at: <https://www.herogov.com/faq>





May 10, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale St.
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

Renew Financial, a leading provider of Property Assessed Clean Energy (PACE) financing, is pleased to support BayREN's application for a BAAQMD grant that will advance their *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from Existing Buildings. This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance.

We feel that BayREN is the right entity to lead on a regional program, and look forward to collaborating with the team to accelerate electrification and transform the regional market for residential heat pump water heaters. We look forward to collaborating with BayREN in this project which will leverage our own and other privately financed PACE programs, existing BayREN programs and CEC grants, alongside expected support from local governments, municipal utilities and CCAs. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include - but are not limited to - a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions – both of their own operations and in the tens of thousands of privately owned homes and other buildings around the region.

Sincerely,

Jonathan Kevles
Senior Vice President



**COUNTY OF SAN LUIS OBISPO
DEPARTMENT OF PLANNING & BUILDING
ENERGY & CLIMATE SECTION**

Brett Bishop

County of San Luis Obispo

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The County of San Luis Obispo supports the BayREN the Heat Pump Water Heating (HPWH) program and would seek to replicate the model given permission. We see this program as being in alignment with our county's Climate Action Plan as well as an effective strategy to optimize the benefits of renewable energy resources. Our energy team feels that this program complements our existing programs, could be leveraged for deeper energy savings from existing projects, and significantly reducing noxious gas emissions in our jurisdiction.

This concept directly supports Clean Air Plan (2017) strategies to 1. Promote energy and water efficiency in existing buildings, 2. Promote a switch from natural gas to electricity for space/water heating in buildings, and 3. Allow load-shifting from peak demand times through HPWH controls. There is incredible potential to reduce energy consumption used for residential water heating and this project will help realize those savings consistent with Senate Bill 350, Assembly Bill 32, Assembly Bill 802, and other state guidance. The program will use a multi-pronged approach to increase the uptake of electrification measures and the number of HPWHs in homes, including direct engagement with manufacturers, distributors and contractors who implement water heater replacements.

San Luis Obispo's Energy Section would like to propose adoption of this program to the 3C-REN which also includes the counties of Santa Barbara and Ventura and serves all 28 jurisdictions within the central coast region. We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. These barriers include, but are not limited to a lack of readily available HPWHs for emergency replacements, incentive programs that are not scalable, a lack of trained contractors for installations, homeowners who don't yet know the benefits of HPWH technology, and barriers to fuel switching in utility ratepayer-funded energy efficiency programs.

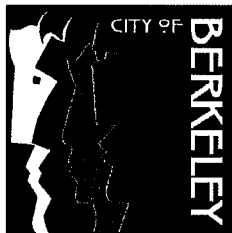
I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

A handwritten signature in black ink that reads "Brett Bishop".

Brett Bishop

Residential Energy Programs Coordinator



Planning and Development Department

May 9, 2018

Jennifer Berg, BayREN
Metropolitan Transportation Commission
375 Beale Street
San Francisco, CA 94105

RE: LETTER OF SUPPORT FOR BAAQMD GRANT

Dear Ms. Berg:

The City of Berkeley Planning Department is pleased to support BayREN on the *Heat Pump Water Heating (HPWH) Regional Market Transformation* project. This project will help jurisdictions in the nine county region Reduce GHGs from existing buildings. This concept directly supports Clean Air Plan (2017) strategies to: Limit fossil fuel combustion, reduce exposure to air contaminants, and promote a switch from natural gas to electricity for space/water heating in buildings. HPWH are 3 times more efficient than natural gas water heaters and have the potential to significantly reduce water heating energy consumption.

We look forward to partnering with BayREN to accelerate electrification and transform the water heating market. This project leverages grant funded work Berkeley is leading on behalf of Green Cities California (GCC). In June, GCC will convene a dozen cities to develop an electrification action guide for local governments. The action guide will provide critical messaging and strategies to inform BayREN's outreach strategy. As a highly effective regional implementation agency, BayREN is ideally suited to increase the uptake of HPWHs in homes through collaboration with multiple agencies including directly engaging with manufacturers, distributors and contractors who implement water heater replacements.

Transitioning Berkeley's existing houses away from on-site natural gas combustion and toward the use of clean electricity for space and water heater has the potential to reduce our residential emissions by 75%. We support a regional program approach which can catalyze market transformation and address the many persistent barriers that cannot be addressed at a local scale. I am confident that this project will advance regional and State goals and help local governments reduce energy use and GHG emissions.

Sincerely,

A handwritten signature in black ink that reads "Timothy Burroughs" followed by a stylized monogram "BR".

Timothy Burroughs,
Director of Planning and Development

Planning a Safe and Sustainable Future for Berkeley
1947 Center Street, Berkeley, CA 94704 Tel: 510.981.7400 TDD: 510.981.6903 Fax: 510.981.7470
E-mail: sustainability@ci.berkeley.ca.us



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0813 **Version:** 1 **Name:**

Type: Report **Status:** Consent

File created: 9/17/2018 **In control:** ABAG Executive Board

On agenda: 9/20/2018 **Final action:**

Title: Authorization to Waive Potential Right of First Refusal under CC&Rs for 375 Beale Street and to Execute Amendment of CC&Rs

Sponsors:

Indexes:

Code sections:

Attachments: [Memo 376 Beale CCR Amendment.pdf](#)
[Attachment First Amendment to CCR.pdf](#)
[Attachment Summary Approval.pdf](#)

Date	Ver.	Action By	Action	Result
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Authorization to Waive Potential Right of First Refusal under CC&Rs for 375 Beale Street and to Execute Amendment of CC&Rs

Approval

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 17, 2018

To: ABAG Executive Board

From: Executive Director

Subject: **Authorization to Waive Potential Right of First Refusal under CC&Rs for 375 Beale Street and to Execute Amendment of CC&Rs**

Executive Summary

ABAG owns a condominium unit (Lot 4) on the 7th floor in the building located at 375 Beale Street, San Francisco and referred to as the Bay Area Metro Center (BAMC). Under a draft Purchase and Sale Agreement, the Bay Area Headquarters Authority (BAHA), the owner of Lot 2, intends to sell a portion of its 8th floor space in the BAMC (the 8th Floor Additional Space) to the Bay Area Air Quality Management District (the Air District), the owner of Lot 3. The sale is anticipated to close within a month.

In connection with the pending sale, the governing boards of BAHA, the Air District, and the 375 Beale Condominium Corporation have each approved an amendment (the CC&R Amendment) to the Declaration of Covenants, Conditions and Restrictions for 375 Beale Street (CC&Rs) that would reconfigure Lots 2 and 3, amend the occupancy plan, and amend the ownership interest percentages to reflect the transfer of the 8th Floor Additional Space from BAHA to the Air District. ABAG's occupancy plan is not affected; it remains the same. ABAG's unit ownership is not affected; it remains the same. In other words, ABAG is not affected by this change.

Section 9.08 of the CC&Rs provides each unit owner with a right of first refusal to the assignment, sale or exchange of any other "Unit." Section 1.01 of the CC&Rs identifies Lots 1, 2, 3 and 4 as each being a "Unit." Although the 8th Floor Additional Space does not constitute an entire "Unit," as it represents only a portion of Lot 2, staff nonetheless believes it is appropriate to request that ABAG confirms its waiver of any potential right of first refusal under Section 9.08 of the CC&Rs with respect to the 8th Floor Additional Space.

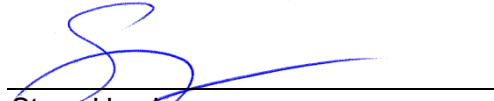
Authorization to Waive Potential Right of First Refusal under CC&Rs for 375 Beale Street

September 17, 2018

Page 2

Recommended Action

The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to waive any potential right of first refusal under Section 9.08 of the CC&Rs with respect to the 8th Floor Additional Space and execute a CC&R Amendment in substantially the form attached hereto on behalf of the Association of Bay Area Governments.



Steve Heminger

Attachments

Proposed CC&R Amendment
Summary Approval

RECORDING REQUESTED BY AND
WHEN RECORDED MAIL TO:

Kevin H. Rose, Esq.
Reuben, Junius & Rose, LLP
One Bush Street, Suite 600
San Francisco, CA 94104

SPACE ABOVE THIS LINE FOR RECORDER'S USE ONLY

APN: 002-3746
Situs: 375 Beale Street

**FIRST AMENDMENT TO
DECLARATION OF COVENANTS, CONDITIONS
AND RESTRICTIONS
FOR 375 BEALE STREET, SAN FRANCISCO**

This First Amendment of Declaration of Covenants, Conditions and Restrictions for 375 Beale Street, San Francisco ("Amendment"), is made on the date hereinafter set forth by 375 Beale Condominium Corporation, a non-profit mutual benefit corporation incorporated in the State of California ("Corporation") and is made with specific reference to the following facts:

A. The Declaration of Covenants, Conditions and Restrictions Establishing a Plan for 375 Beale Street, San Francisco ("CC&Rs"), was recorded December 27, 2016 as document 2016K388389 in the Official Records of the City and County of San Francisco.

B. 375 Beale Street, San Francisco, California, legally described as Parcel A of Parcel Map No. 8905, filed October 28, 2016, in Condominium Map Book 130, Page 126, San Francisco County Records ("Property") is an eight-story commercial condominium project consisting of four (4) commercial units.

C. BAY AREA HEADQUARTERS AUTHORITY, a joint powers authority established pursuant to the California Joint Exercise of Powers Act ("BAHA"), is the owner of two (2) condominium units in the Property, which units are identified as Lots 1 and 2 on the Condominium Plan attached to the CC&Rs ("Condominium Plan").

D. BAY AREA QUALITY MANAGEMENT DISTRICT, a regional air pollution control agency ("Air District"), is the owner of one (1) condominium unit in the Property, which unit is identified as Lot 3 on the Condominium Plan.

E. THE ASSOCIATION OF BAY AREA GOVERNMENTS ("ABAG") is the owner of one (1) condominium unit in the Property, which unit is identified as Lot 4 on the Condominium Plan.

F. The condominium units identified on the Condominium Plan and related interior and exterior common areas are subject to the terms of the CC&Rs.

G. Air District will, immediately after the recordation of this Amendment, purchase from BAHA a portion of Lot 2, which will be combined with Lot 3, and containing approximately 11,578 sq. ft. located on the 8th floor of the Property (the “8th Floor Additional Space”), as depicted on Addendum 1 to Condominium Plan attached hereto as **Exhibit A** (the “Amendment to Condominium Plan”).

H. Section 9.08 of the CC&Rs, entitled Rights of First Refusal – Sale, provides each “Unit” owner with a non-assignable right of first refusal to the assignment, sale or exchange of any other “Unit.”

I. Section 2.01(i) of the CC&Rs define Unit as “an estate in real property, as defined in California Civil Code Section 6500 et seq., consisting of an undivided interest in common in the Common Area, together with a separate fee interest in a Unit and any other separate interests in the real property as are described in the CC&Rs, in the Condominium Plan, or in the deed conveying the Condominium.” Section 1.01 of the CC&Rs identifies Lots 1, 2, 3 and 4 as each being a “Unit.”

J. Although the 8th Floor Additional Space does not appear to fit within the CC&Rs definition of “Unit,” as it represents only a portion of Lot 2, out of an abundance of caution ABAG intends to confirm its waiver of any potential right of first refusal under section 9.08 of the CC&Rs with respect to the 8th Floor Additional Space.

K. The CC&Rs provide for amendment by the unanimous approval of the Owners and the Owners desire to make this Amendment.

NOW, THEREFORE, CORPORATION hereby amends the CC&Rs as follows:

1. Amendment of Condominium Plan. The Condominium Plan, at Sheets 7 and 8 of 20, Exhibit A –2 of the CC&Rs, is hereby amended and restated as shown on the Amendment to Condominium Plan to reconfigure Lot 2 and Lot 3.

2. Amendment of Occupancy Plan. The Occupancy Plan, at Exhibit A–3-9 of the CC&Rs, is hereby amended to restate the occupancy of the 8th Floor Additional Space to show the additional space occupied by Air District. Such amendment to the Occupancy Plan is attached hereto as **Exhibit B.**

3. Amendment of Percentage Ownership Interests. The Percentage Ownership Interests, at Exhibit B of the CC&Rs, is hereby amended to restate the Percentage Ownership Interests for the Property following the transfer of the 8th Floor Additional Space to Air District. The amended Percentage Ownership Interests is attached hereto as **Exhibit C.**

4. Waiver of Right of First Refusal. In order to effectuate the above amendments, for avoidance of any potential claims, ABAG hereby waives any potential right of first refusal under section 9.08 of the CC&Rs with respect to the 8th Floor Additional Space.

Executed this _____ day of _____, 2018 at San Francisco, California.

CORPORATION:

375 BEALE CONDOMINIUM CORPORATION,
A NON-PROFIT MUTUAL BENEFIT
CORPORATION

By: _____

Name: _____

Its: _____

BAY AREA HEADQUARTERS AUTHORITY:

By: _____

Name: _____

Its: _____

By: _____

Name: _____

Its: _____

Approved as to Form:

By: _____

Name: _____

Its: _____

**BAY AREA AIR QUALITY MANAGEMENT
DISTRICT:**

By: _____

Name: _____

Its: _____

Approved as to Form:

By: _____

Name: _____

Its: _____

**THE ASSOCIATION OF BAY AREA
GOVERNMENTS:**

By: _____

Name: _____

Its: _____

Approved as to Form:

By: _____

Name: _____

Its: _____

NOTARY ACKNOWLEDGMENT

A NOTARY PUBLIC OR OTHER OFFICER COMPLETING THIS CERTIFICATE VERIFIES ONLY THE IDENTITY OF THE INDIVIDUAL WHO SIGNED THE DOCUMENT TO WHICH THIS CERTIFICATE IS ATTACHED, AND NOT THE TRUTHFULNESS, ACCURACY, OR VALIDITY OF THAT DOCUMENT.

STATE OF _____)
COUNTY OF _____)

On _____, 20____, before me, _____,
a notary public in and for said state, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Signature of Notary Public)

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COUNTY OF _____)

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who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
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STATE OF _____)
COUNTY OF _____)

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a notary public in and for said state, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
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STATE OF _____)
COUNTY OF _____)

On _____, 20____, before me, _____,
a notary public in and for said state, personally appeared _____,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the
person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

(Signature of Notary Public)

EXHIBIT A

AMENDMENT TO CONDOMINIUM PLAN

<p>ADDENDUM 1 TO CONDOMINIUM PLAN FOR 375 BEALE STREET SAN FRANCISCO, CALIFORNIA REVISING SHEETS 4, 7 AND 8</p> <p>PREPARED BY: KCA ENGINEERS, INC. 318 BRANNAN STREET SAN FRANCISCO, CA 94107 TEL: 415.546.7111 FAX: 415.546.9472 KCA JOB NO. 6152</p>		JOB NO:	6152	DRAWN BY:	YL
		DATE:	JUNE 2018	SHEET:	1 OF 22
<p>KCA ENGINEERS, INC. CONSULTING ENGINEERS • SURVEYORS • PLANNERS 318 BRANNAN STREET • SAN FRANCISCO, CA 94107 (415) 546-7111 • FAX: (415) 546-9472</p>		© COPYRIGHT 2018 KCA ENGINEERS INC.			

EXHIBIT A

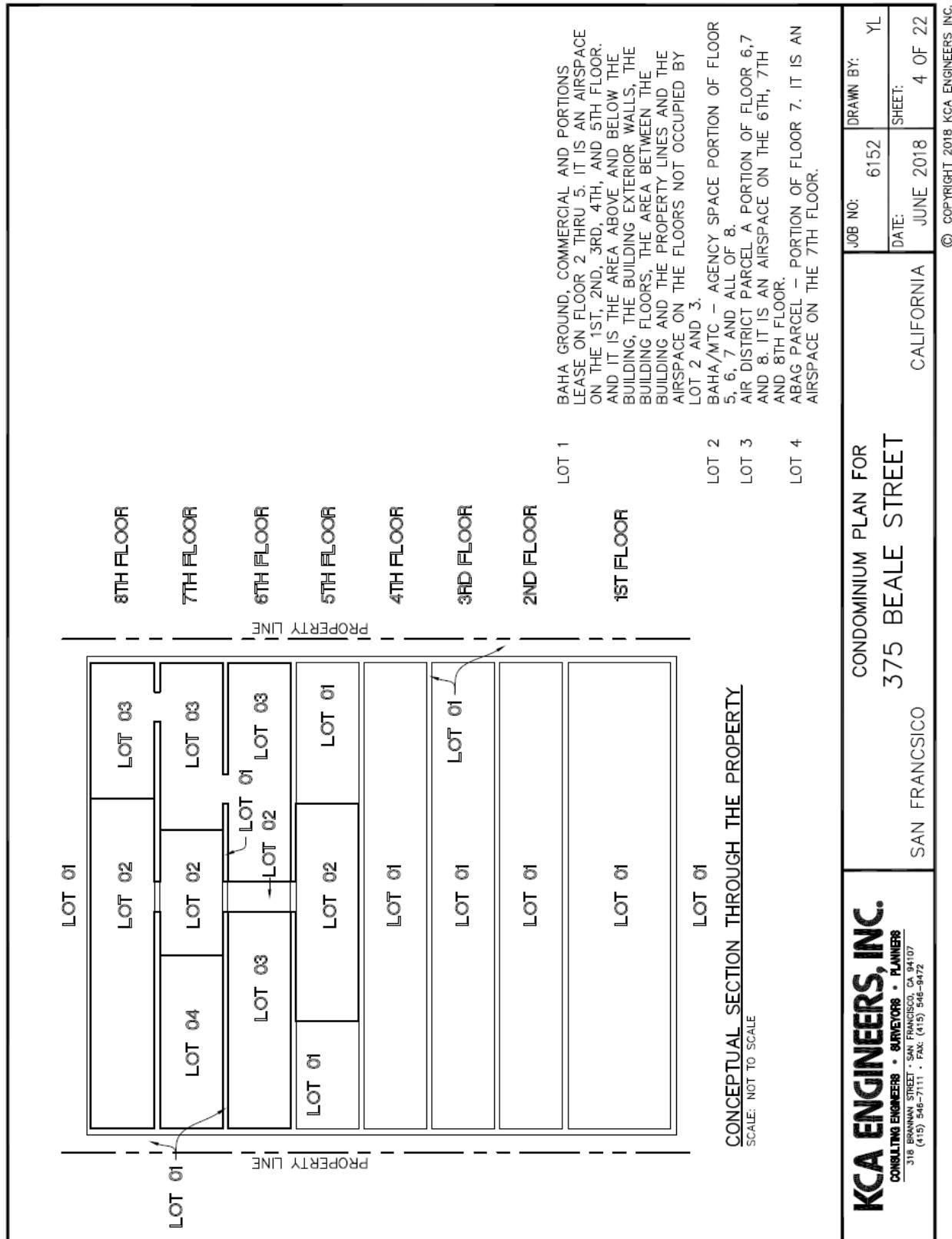


EXHIBIT A

J:\COMMITTEE\ABAG Executive Board\Agendas\2018\EB 20180920\zFirst Amendment to CCR v7 CLEAN.doc

Item 6.H., Proposed CC&R Amendment

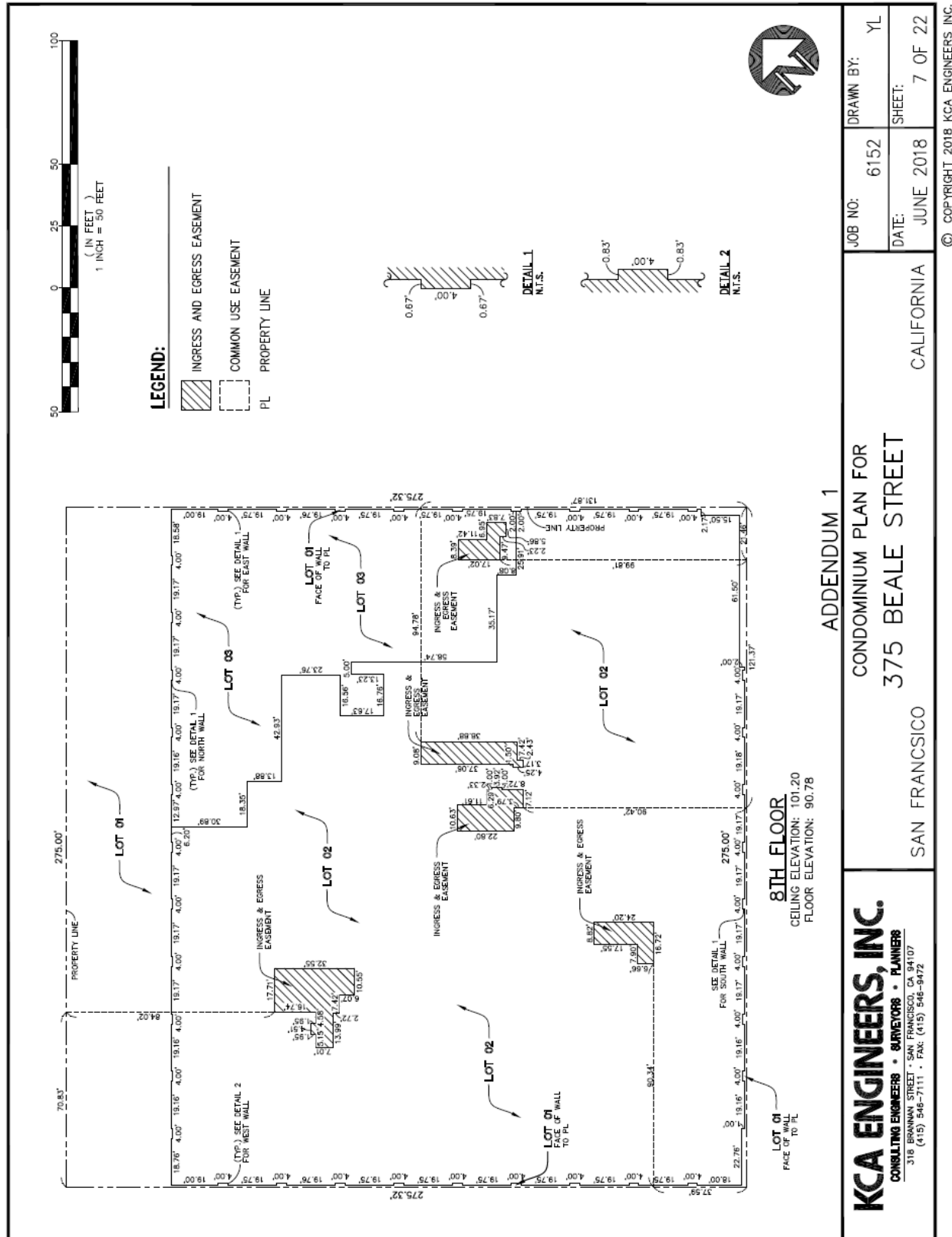


EXHIBIT A

J:\COMMITTEE\ABAG Executive Board\Agendas\2018\EB 20180920\zFirst Amendment to CCR v7 CLEAN.doc

Item 6.H., Proposed CC&R Amendment

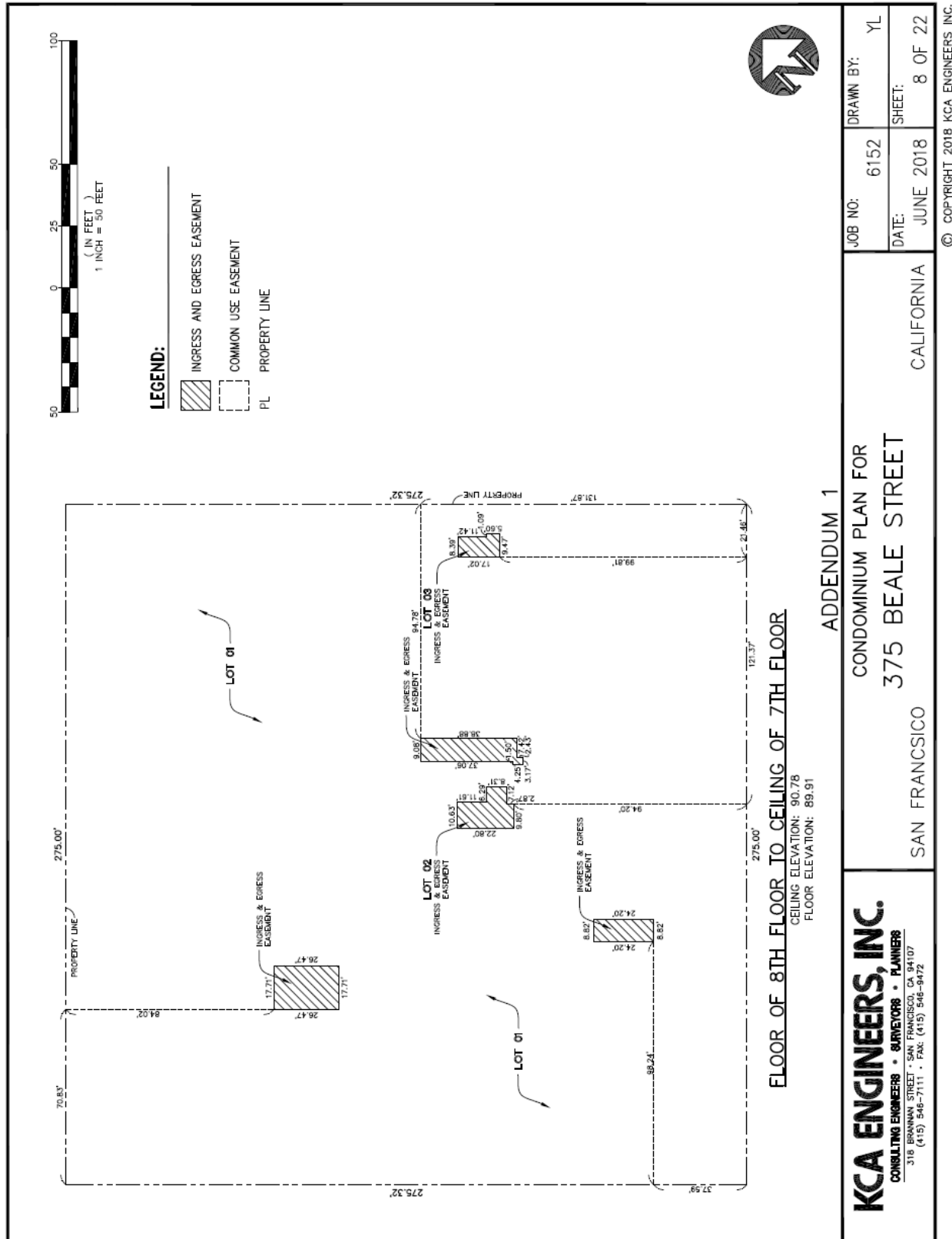


EXHIBIT A

J:\COMMITTEE\ABAG Executive Board\Agendas\2018\EB 20180920\zFirst Amendment to CCR v7 CLEAN.doc

Item 6.H., Proposed CC&R Amendment

EXHIBIT B

AMENDMENT TO OCCUPANCY PLAN

375 Beale Agency Condo

Lot Areas

SMITHGROUP

JJR

Level	Lot Usable Square Footage				Level Totals	Floor Load Factor	Lot Usable Rentable Footage				Level Totals
	Lot 1	Lot 2	Lot 3	Lot 4			Lot 1	Lot 2	Lot 3	Lot 4	
1	59,995	-	-	-	59,995	1.12	67,194	-	-	-	67,194
2	55,632	-	-	-	55,632	1.12	62,308	-	-	-	62,308
3	56,483	-	-	-	56,483	1.12	63,261	-	-	-	63,261
4	56,663	-	-	-	56,663	1.07	60,629	-	-	-	60,629
5	38,208	18,646	-	-	56,854	1.12	42,793	20,884	-	-	63,676
6	1,200	-	55,578	-	56,778	1.06	1,272	-	58,913	-	60,185
7	970	21,184	17,217	16,686	56,057	1.06	1,028	22,455	18,250	17,687	59,420
8	830	42,818	10,821	-	54,469	1.07	888	45,815	11,578	-	58,282
Lot Totals	269,981	82,648	83,616	16,686	452,931		299,374	89,154	88,741	17,687	494,956

Notes

1

Floor load factors are taken from the BOMA calculations sheets

2

Attium void is not included in any of the floor USF take offs

3

Vertical shafts ie, Stairs, elevators, mechanical are not included

EXHIBIT B

SMITHGROUP JR
301 BATTERY STREET
7TH FLOOR
SAN FRANCISCO, CA 94111
415.227.0000
www.smithgroupjr.com

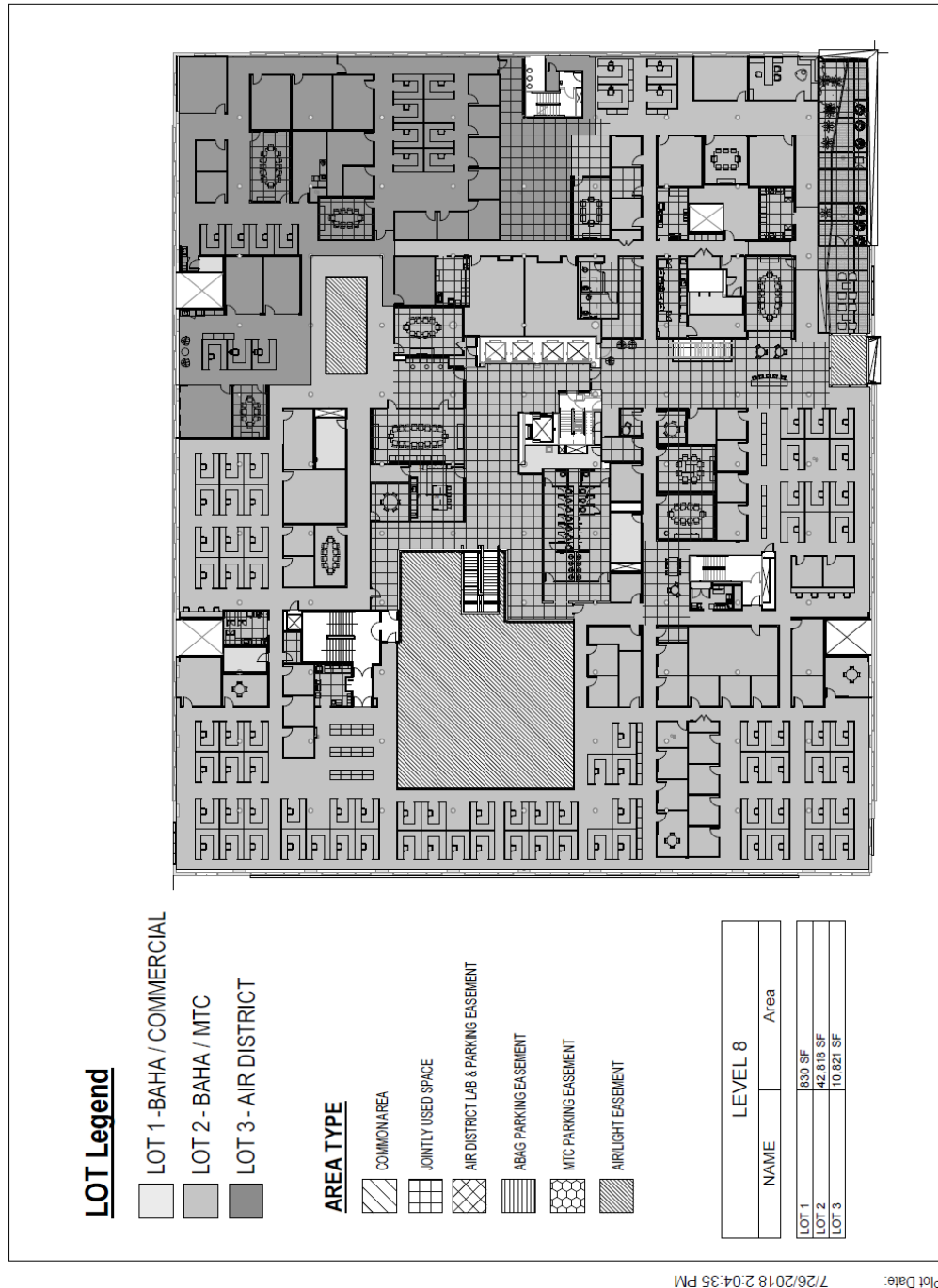


EXHIBIT B

EXHIBIT C

AMENDED PERCENTAGE OWNERSHIP INTERESTS

Floors	BAHA Commercial Lot 1	BAHA Lot 2	Air District Lot 3	ABAG Lot 4	Total
Floor 1	67,194				67,194
Floor 2	62,308				62,308
Floor 3	63,261				63,261
Floor 4	60,629				60,629
Floor 5	42,793	20,884			63,677
Floor 6	1,272		58,913		60,185
Floor 7	1,028	22,455	18,250	17,687	59,420
Floor 8	888	45,815	11,578		58,282

Total Facility RSF	299,374	89,154	88,741	17,687	494,956
% of total (FACILITY PERCENTAGE INTEREST)	60.49%	18.01%	17.93%	3.57%	100.00%

Total Agency Space RSF		89,154	88,741	17,687	195,582
% of total (AGENCY PERCENTAGE INTEREST)		45.58%	45.38%	9.09%	100.00%

EXHIBIT C

**S U M M A R Y O F E X E C U T I V E B O A R D A P P R O V A L**

Work Item No.:	
Consultant:	N/A
Work Project Title:	Declaration of Covenants, Conditions and Restrictions (CC&Rs) for 375 Beale Street, San Francisco
Purpose of Project:	Amendment of CC&Rs
Brief Scope of Work:	Amend CC&Rs in connection with pending sale of a portion of the Bay Area Headquarters Authority's 8 th floor space to the Bay Area Air Quality Management District.
Project Cost Not to Exceed:	N/A
Funding Source:	N/A
Fiscal Impact:	None
Motion by Committee:	The Executive Board is requested to authorize the Executive Director of the Metropolitan Transportation Commission, or his designee, to waive any potential right of first refusal under Section 9.08 of the CC&Rs with respect to the 8th Floor Additional Space and execute a CC&R Amendment in substantially the form attached hereto on behalf of the Association of Bay Area Governments.
ABAG Executive Board Approval:	David Rabbitt, ABAG President
Approval Date:	



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0739 **Version:** 1 **Name:**
Type: Report **Status:** Committee Approval
File created: 9/6/2018 **In control:** ABAG Executive Board
On agenda: 9/20/2018 **Final action:**
Title: ABAG Administrative Committee Report
Sponsors:
Indexes:
Code sections:
Attachments: [Administrative 20180914 Agenda Final.pdf](#)

Date	Ver.	Action By	Action	Result
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ABAG Administrative Committee Report

David Rabbitt, Chair, Administrative Committee

Approval



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Agenda

ABAG Administrative Committee

Chair, David Rabbitt, Supervisor, County of Sonoma
Vice Chair, Greg Scharff, Councilmember, City of Palo Alto

Friday, September 14, 2018

10:00 AM

Board Room - 1st Floor

The ABAG Administrative Committee may act on any item on the agenda.
The ABAG Administrative Committee will meet jointly with the MTC Planning Committee.
Agenda, roster, and webcast available at <http://abag.ca.gov/meetings>.
For information, contact Clerk of the Board at (415) 820-7913.

Committee Roster

David Rabbitt, Supervisor, County of Sonoma—Chair
Greg Scharff, Councilmember, City of Palo Alto—Vice Chair
Cindy Chavez, Supervisor, County of Santa Clara
David Cortese, Supervisor, County of Santa Clara
Pradeep Gupta, Councilmember, City of South San Francisco
Scott Haggerty, Supervisor, County of Alameda
Jake Mackenzie, Councilmember, City of Rohnert Park
Karen Mitchoff, Supervisor, County of Contra Costa
Raul Peralez, Councilmember, City of San Jose
Julie Pierce, Councilmember, City of Clayton
Belia Ramos, Supervisor, County of Napa

1. Call to Order

1.a. Roll Call

1.b. Confirm Quorum

2. Pledge of Allegiance

3 ABAG Compensation Announcement - Clerk of the Board

4. ABAG Consent Calendar

- 4.a. [18-0746](#) Approval of ABAG Administrative Committee Summary Minutes of May 11, 2018

Action: Approval

Attachments: [AC Minutes 20180511 Draft.pdf](#)

5. MTC Compensation Announcement - Clerk of the Committee

6. MTC Consent Calendar

- 6.a. [18-0747](#) Approval of MTC Planning Committee Minutes of the July 13, 2018 Meeting

Action: Approval

Attachments: [MTC PLNG Minutes JUL 13 2018.pdf](#)

7. Information

- 7.a. [18-0748](#) Perspective Paper #2 Preview: Toward a Shared Future: Strategies to Reduce Congestion

Body: Preview of Horizon Perspective Paper #2 focused on strategies to reduce congestion.

Action: Information

Presenter: Krute Singa and Barbara Laurenson

Attachments: [Horizon_Perspective Paper 2 Combined.pdf](#)
[Handout_Ltr of Corr_BIA.pdf](#)

- 7.b. [18-0749](#) Integrated Regional Planning Program Strategic Plan Introduction

Body: Update on the Integrated Regional Planning Program Strategic Plan.

Action: Information

Presenter: Alix Bockelman, Deputy Executive Director, Policy

Attachments: [IRPP Strategic Plan Update.pdf](#)

8. Public Comment / Other Business

9. Adjournment / Next Meeting

The next meeting of the ABAG Administrative Committee is on October 12, 2018.

Public Comment: The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

可及性和法令第六章: MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者, 請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知, 以滿足您的要求。

Acceso y el Titulo VI: La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0740 **Version:** 1 **Name:**
Type: Report **Status:** Committee Approval
File created: 9/6/2018 **In control:** ABAG Executive Board
On agenda: 9/20/2018 **Final action:**
Title: ABAG Legislation Committee Report
Sponsors:
Indexes:
Code sections:
Attachments: [Legislation 20180920 Agenda Final.pdf](#)

Date	Ver.	Action By	Action	Result
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ABAG Legislation Committee Report

Scott Haggerty, Chair, Legislation Committee

Approval



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Agenda

ABAG Legislation Committee

Chair, Scott Haggerty, Supervisor, Alameda County
Vice Chair, Julie Pierce, Councilmember, Clayton

Thursday, September 20, 2018

5:00 PM

Board Room - 1st Floor

The ABAG Legislation Committee may act on any item on the agenda.
Agenda, roster, and webcast available at <http://abag.ca.gov/meetings>.
For information, contact Clerk of the Board at (415) 820-7913.

Committee Roster

Scott Haggerty, Supervisor, County of Alameda—Chair
Julie Pierce, Councilmember, City of Clayton—Vice Chair
David Cortese, Supervisor, County of Santa Clara
Pat Eklund, Councilmember, City of Novato
Dave Hudson, Councilmember, City of San Ramon
Karen Mitchoff, Supervisor, County of Contra Costa
David Rabbitt, Supervisor, County of Sonoma
Belia Ramos, Supervisor, County of Napa
Greg Scharff, Councilmember, City of Palo Alto

1. Call to Order

- 1.a. Roll Call
- 1.b. Confirm Quorum
- 1.c. Compensation Announcement

2. Public Comment

3. Committee Announcements

4. Legislation Committee Consent Calendar

- 4.a. [18-0723](#) Approval of ABAG Legislation Committee Summary Minutes of July 19, 2018

Action: Approval

Attachments: [Minutes 20180719 Draft.pdf](#)

- 4.b. [18-0724](#) Report on Legislative History

Action: Information

Attachments: [Legislative History September 2018.pdf](#)

5. Update on ABAG Priority Bills

[18-0726](#) Update on ABAG Priority Bills

Action: Information

Presenter: Rebecca Long, Government Relations Manager

Attachments: [Memo ABAG Priority Bill Status Update Final.pdf](#)
[Attachment A Update on ABAG Priority Bills v2.pdf](#)

6. Report on Proposition 6

[18-0727](#) Proposition 6: Overview of Bay Area Impacts

Action: Information

Presenter: Randy Rentschler, Legislation and Public Affairs Director

Attachments: [Memo Prop 6 Overview Impacts.pdf](#)
[Attachment A Map of SB 1 Projects.pdf](#)
[Attachment B Prop 6 SB 1 Funding Flow Chart.pdf](#)
[Attachment C SB 1 Transportation Funds at Risk Update 092018.pdf](#)

7. Adjournment / Next Meeting

The next regular meeting of the ABAG Legislation Committee is on November 15, 2018.

Public Comment: The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

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All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0741 **Version:** 1 **Name:**

Type: Report **Status:** Informational

File created: 9/6/2018 **In control:** ABAG Executive Board

On agenda: 9/20/2018 **Final action:**

Title: Proposition 6: Overview of Bay Area Impacts

Sponsors:

Indexes:

Code sections:

Attachments: [08B Memo Prop 6 Overview Impacts.pdf](#)
[08B Attachment A Map of SB 1 Projects.pdf](#)
[08B Attachment B Prop 6 SB 1 Funding Flow Chart.pdf](#)
[Attachment C SB 1 Transportation Funds at Risk Update 092018.pdf](#)

Date	Ver.	Action By	Action	Result
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Proposition 6: Overview of Bay Area Impacts

Randy Rentschler, Legislation and Public Affairs Director

Information

ASSOCIATION OF BAY AREA GOVERNMENTS

Representing City and County Governments of the San Francisco Bay Area



Date: September 13, 2018
To: ABAG Executive Board
From: Executive Director
Subject: **Proposition 6: Overview of Bay Area Impacts**

Proposition 6 ballot would cut funding for California's transportation system on a level that is hard to overstate. Its repeal of the \$5 billion in annual funding sources approved by Senate Bill 1 (2017) would cut state funding for the Bay Area's local roads – distributed directly to cities and counties – by over \$200 million per year. In most cases, local governments would lose about 40 percent of their local streets and roads funding. Without a replacement source of revenue, staff estimates that the region's pavement condition would deteriorate to the "at risk" level, driving up the cost of road repairs as well as the cost to motorists from driving on rough roads.

For public transit, operating funding from the State Transit Assistance Program would be cut in half, a loss of over \$150 million per year. Numerous high priority projects, including BART to Silicon Valley Phase 2, BART Transbay Core Capacity, San Mateo U.S. 101 Managed Lanes, the Marin-Sonoma Narrows and the Interstate 80/Interstate 680/State Route 12 Interchange would lose funds that were awarded through SB 1's competitive programs, creating significant funding gaps that would put their current schedules at risk, as illustrated in Attachment A. A flow chart detailing the source and uses of new SB 1 revenues is included in Attachment B.

If Proposition 6 passes, it would also be very difficult to replace the funds approved by SB 1. The measure provides that the Legislature will no longer have the authority to raise fees on fuel or vehicles without statewide voter approval. Local taxes dedicated to transportation are subject to a two-thirds vote and are generally geared towards congestion relief and transit expansion rather than state of good repair, which was the focus of SB 1. Lastly, given the condition of the federal Highway Trust Fund and the political climate in Washington, it's hard to imagine Congress augmenting California's funding by hundreds of millions of dollars, let alone \$5 billion per year.

Proposition 6: Overview of Bay Area Impacts

September 13, 2018

Page 2

In July, the ABAG Executive Board voted to oppose Proposition 6. At your September meeting staff will present the attached presentation, a similar version of which will be presented to the MTC Legislation Committee, which highlights the specific impacts of Proposition 6 for Bay Area local roads, transit operators and specific high priority projects, including projects that received funding in the recently approved bridge toll measure, Regional Measure 3. A summary of the information we will present is contained in the attached PowerPoint presentation.

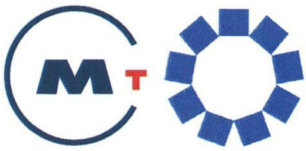


Steve Heminger

Attachments

- A. Map of SB 1 Competitively Funded Projects
- B. Flow chart of SB 1 Programs Prepared by CALCOG
- C. Transportation Funds at Risk: Proposition 6

SH:rl



Projects At Risk of Funding Cuts from Proposition 6

Improvements Funded by Senate Bill 1 Competitive Programs

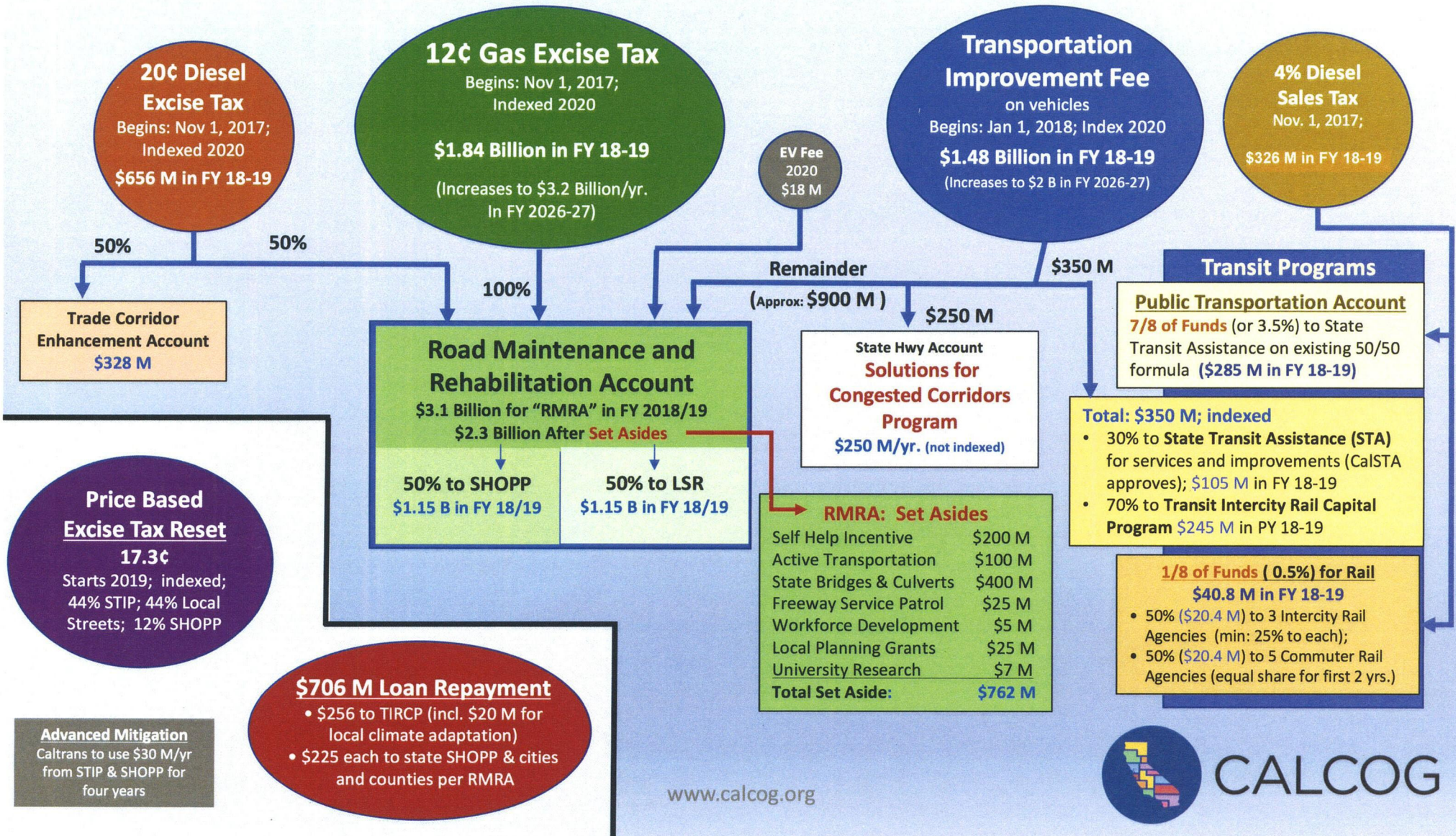


Source: TomTom North America, January 2016
Map Author: JC, August 14, 2018

SB 1: TRANSPORTATION ACCOUNT FLOWS

FY 18-19 is selected because it is the first full year when most of the new revenues are fully implemented. Figures are from from Senate Appropriations Committee Analysis

Note: Certain revenue estimates are out of date but flow of funds to programs is still accurate





Transportation Funds at Risk: Proposition 6

Bay Area Impacts and
MTC Public Information Strategy



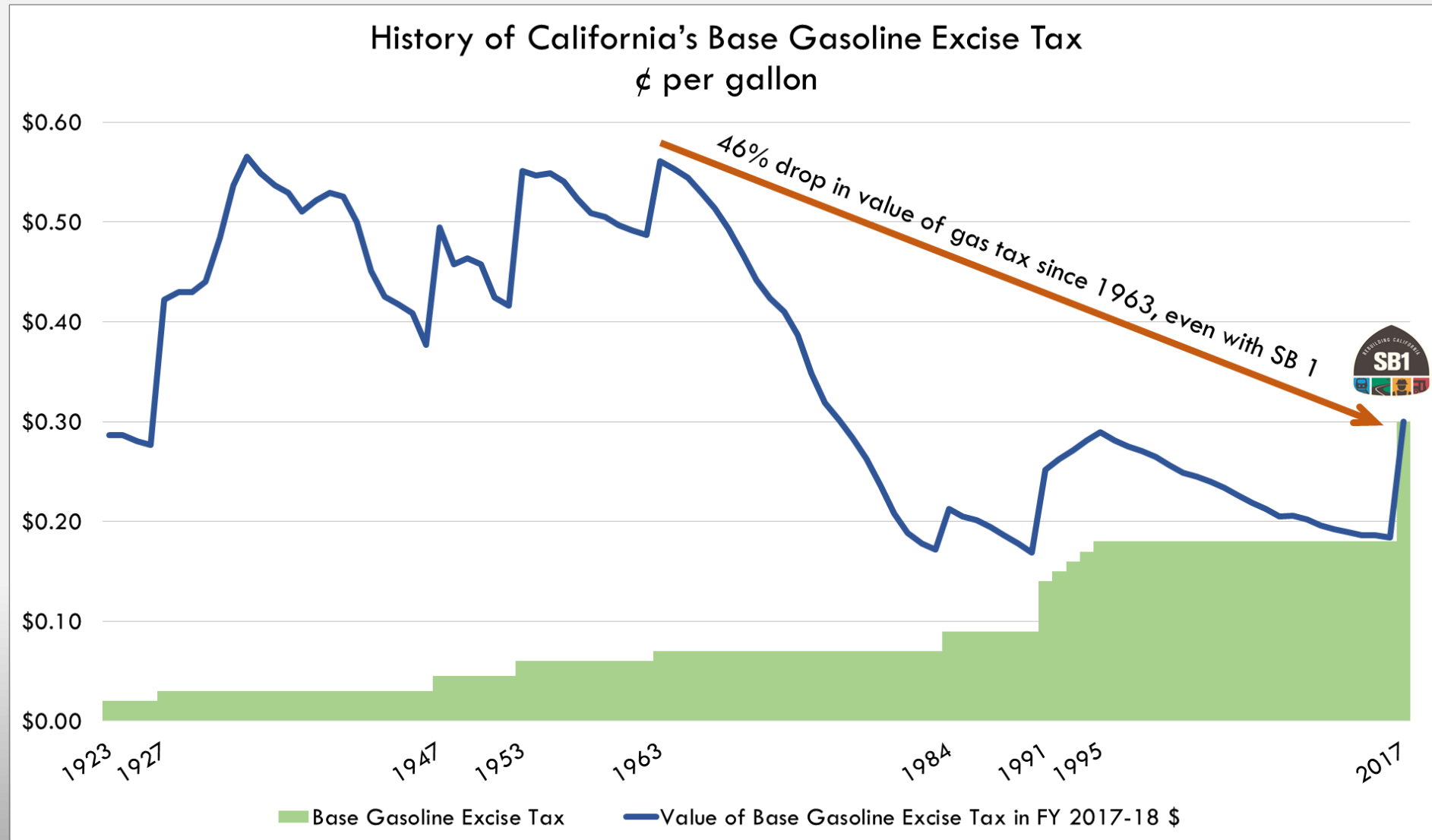
Presentation Outline

- 1. Overview of Proposition 6**
- 2. Senate Bill 1 (SB 1) funding programs**
- 3. Bay Area SB1 funding at risk: roads, transit, congestion relief**
- 4. What to Do? MTC communication and public information strategy**

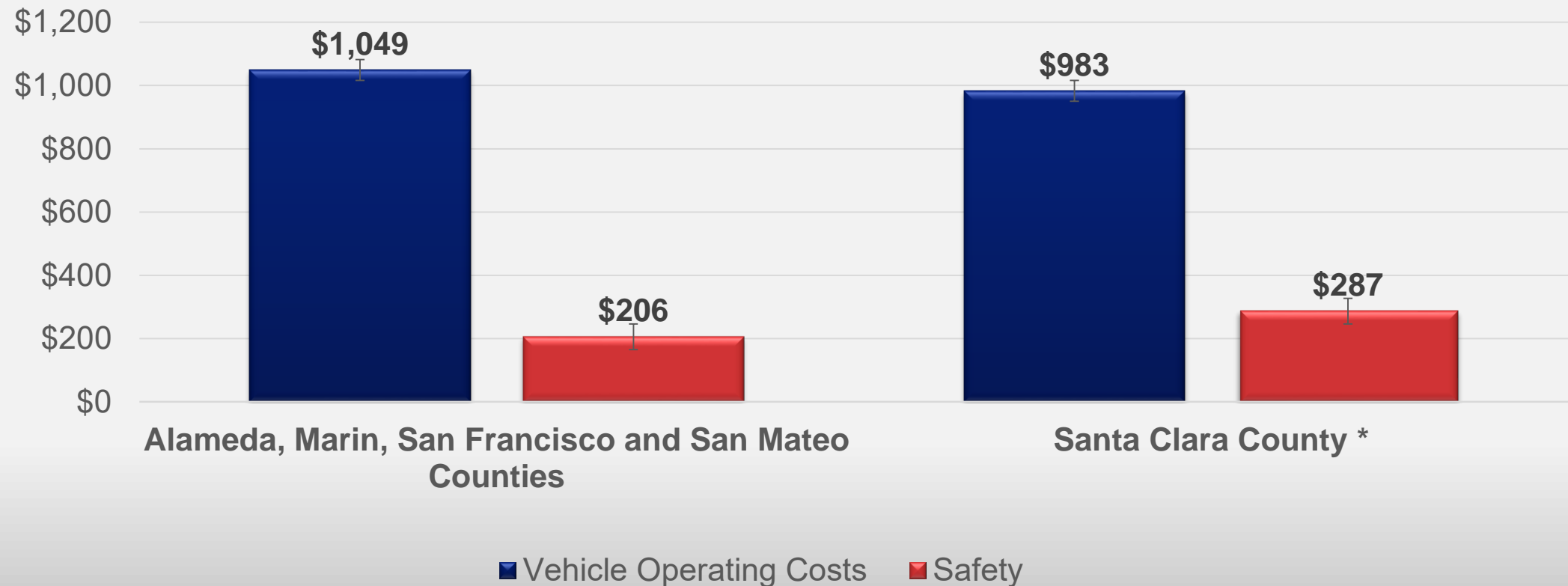
Background on Proposition 6

- Qualified for the November ballot through the initiative process
- Repeals funding for Senate Bill 1 (Beall, 2017), the Road Repair and Accountability Act, the first major statewide funding increase in decades
- SB 1 is funded by an increase in the gas tax, a new vehicle registration charge, a new electric vehicle fee and an increase in the diesel sales tax.
- The Prop 6 campaign is funded by Republican gubernatorial candidate John Cox, House Majority Leader Kevin McCarthy, the California Republican Party, and numerous California Republican Congressional candidates.

Why Was SB 1 Needed?



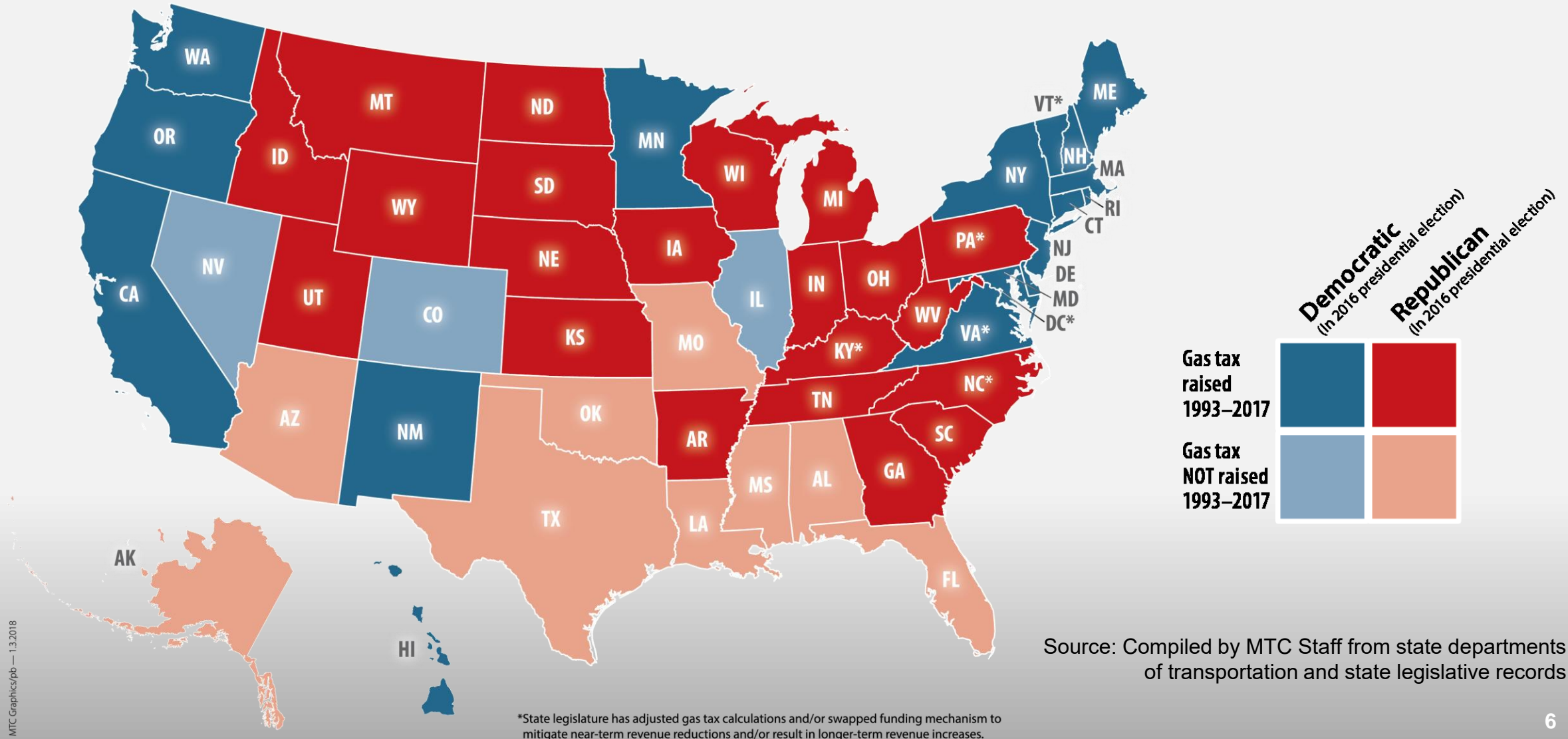
Cost of Today's Neglected Transportation System to Motorists



Source: *California by the Numbers: Meeting the State's Need for Safe, Smooth and Efficient Mobility*, TRIP, 2018

* Includes San Benito County data

CA is Not An Outlier: Gas Tax Increases Since 1993





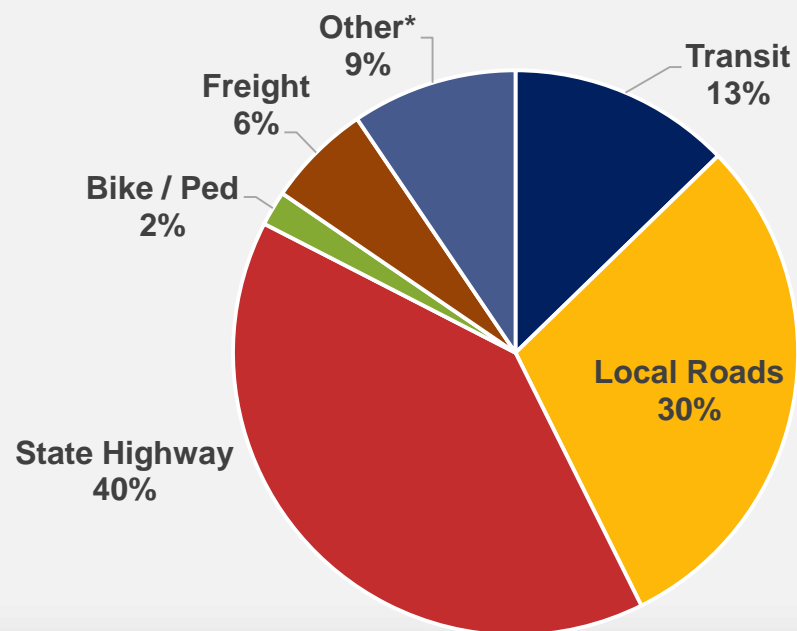
SB 1 Funding Overview

- An average of \$5 billion per year over 10 years, indexed to inflation so fund sources will maintain their value over time
- Funds are split roughly 50/50 between the state and local agencies
- Largest category of spending is local road and state highway system repairs/maintenance
- Congestion relief, public transit and bike/ped. projects also funded through competitive and formula funding programs

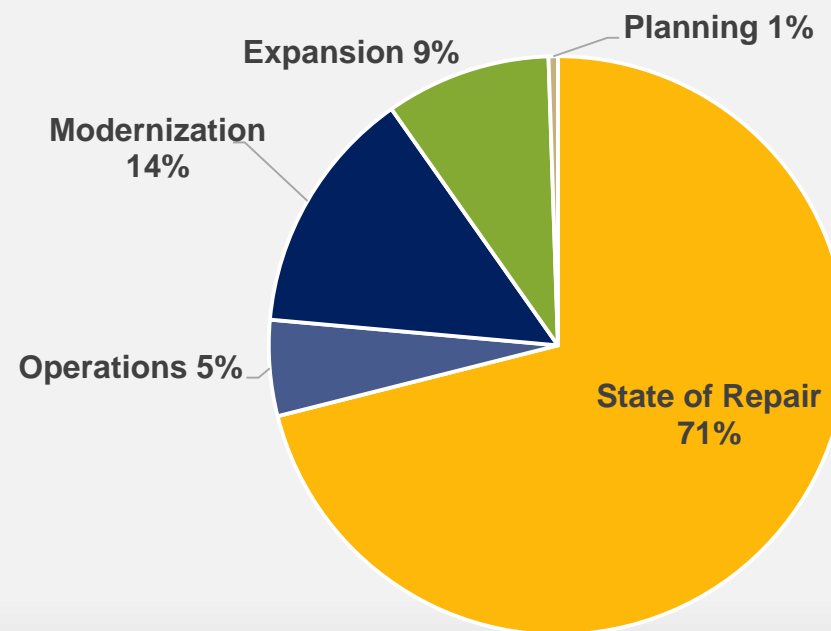


How Are SB 1 Funds Spent?

SB1 Funding by Mode



SB1 Funding by Function

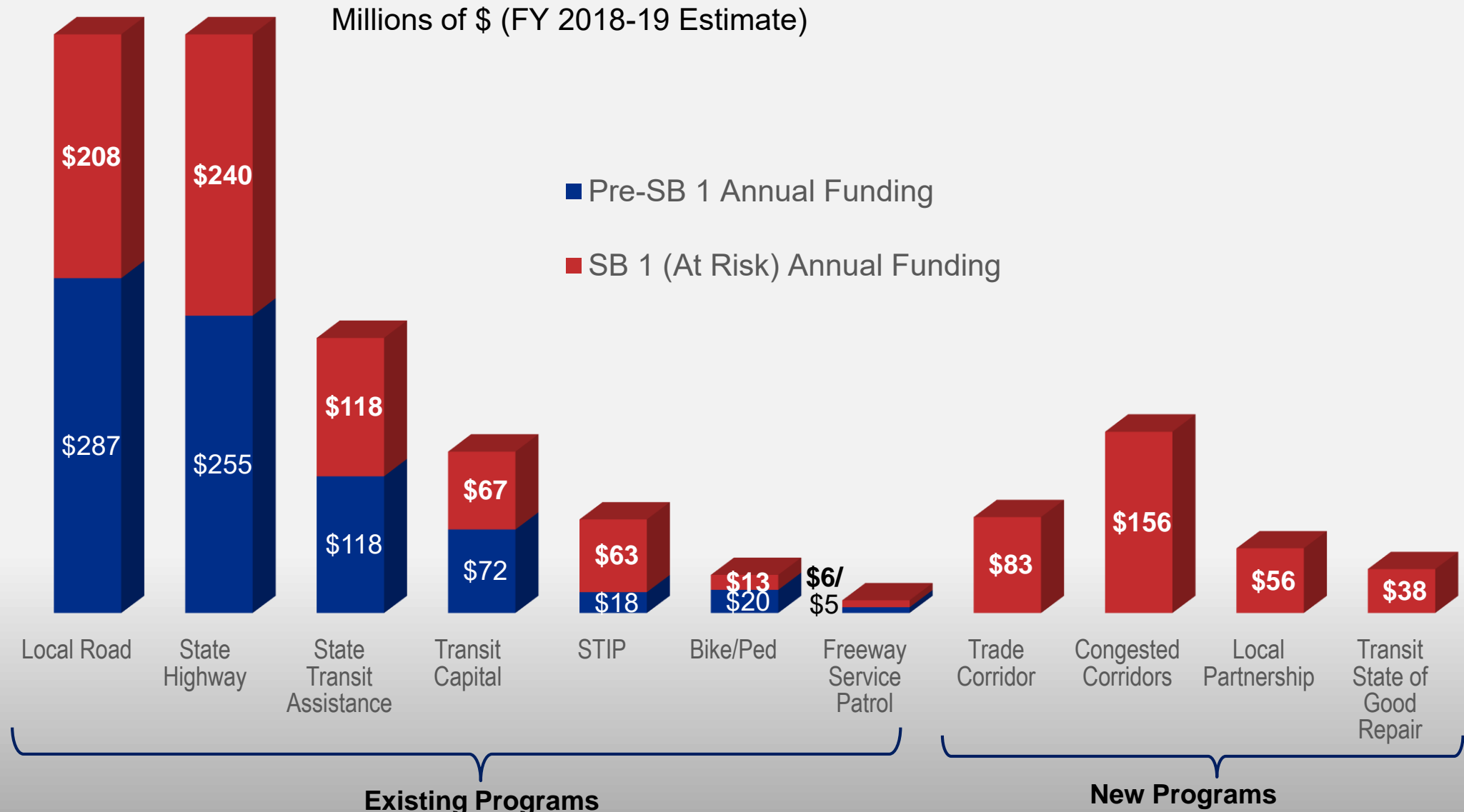


- To provide the public with information on how the new taxes are spent, SB 1 includes strong reporting requirements. For details by jurisdiction, visit rebuildingca.ca.gov which includes an interactive map and project descriptions.

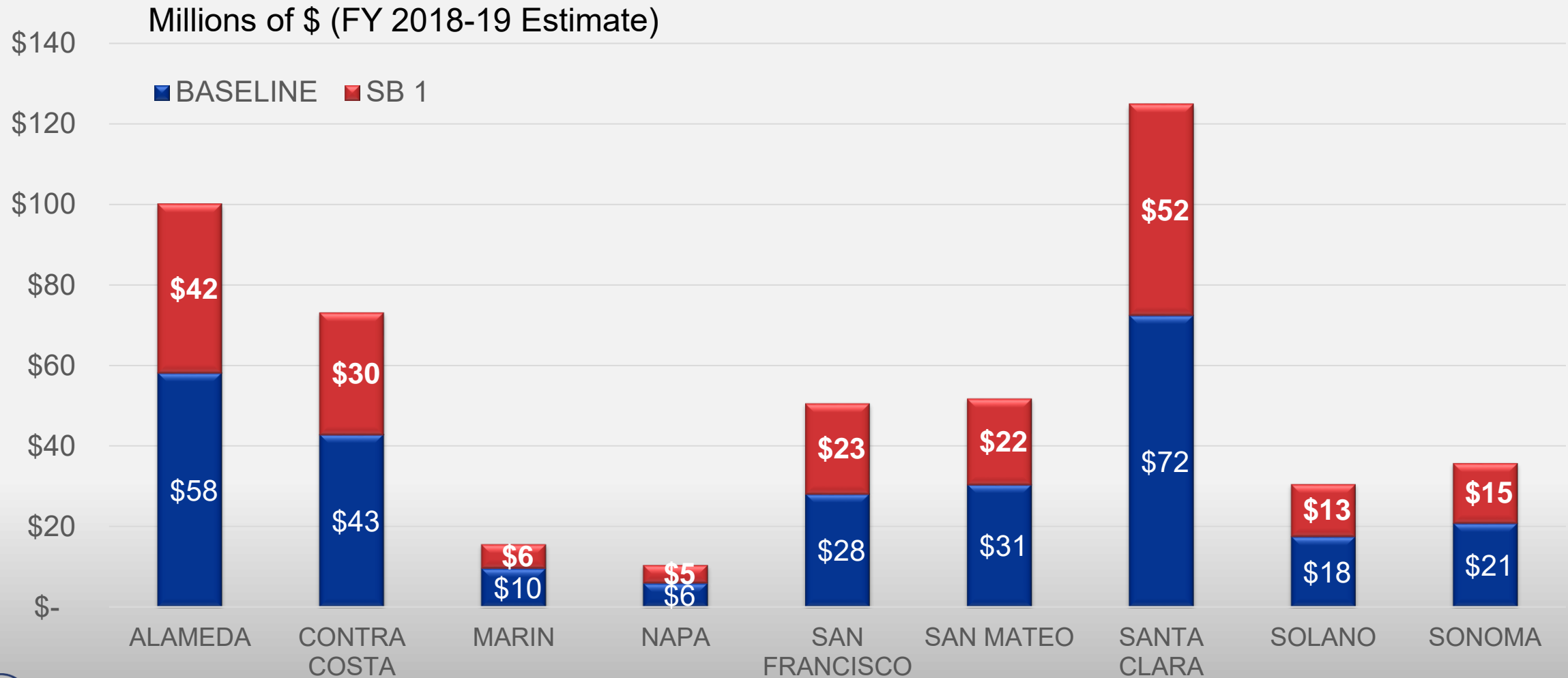
What's at Stake for the Bay Area?

- A 40% funding cut to every city and county for local road repairs – over \$200 million per year for Bay Area jurisdictions
- Over \$150 million per year in funding cuts for transit services, including BART, SF MUNI, AC Transit, VTA, Caltrain and SF Bay Ferry
- A cut of over \$60 million per year in funding for the State Transportation Improvement Program (STIP)
- Approximately \$950 million in bridge and highway safety, maintenance and rehabilitation projects at risk over multiple years; funded by the State Highway Operation and Protection Program (SHOPP) and Caltrans' maintenance program
- Almost \$1.4 billion in funding for 23 projects from SB1 competitive programs

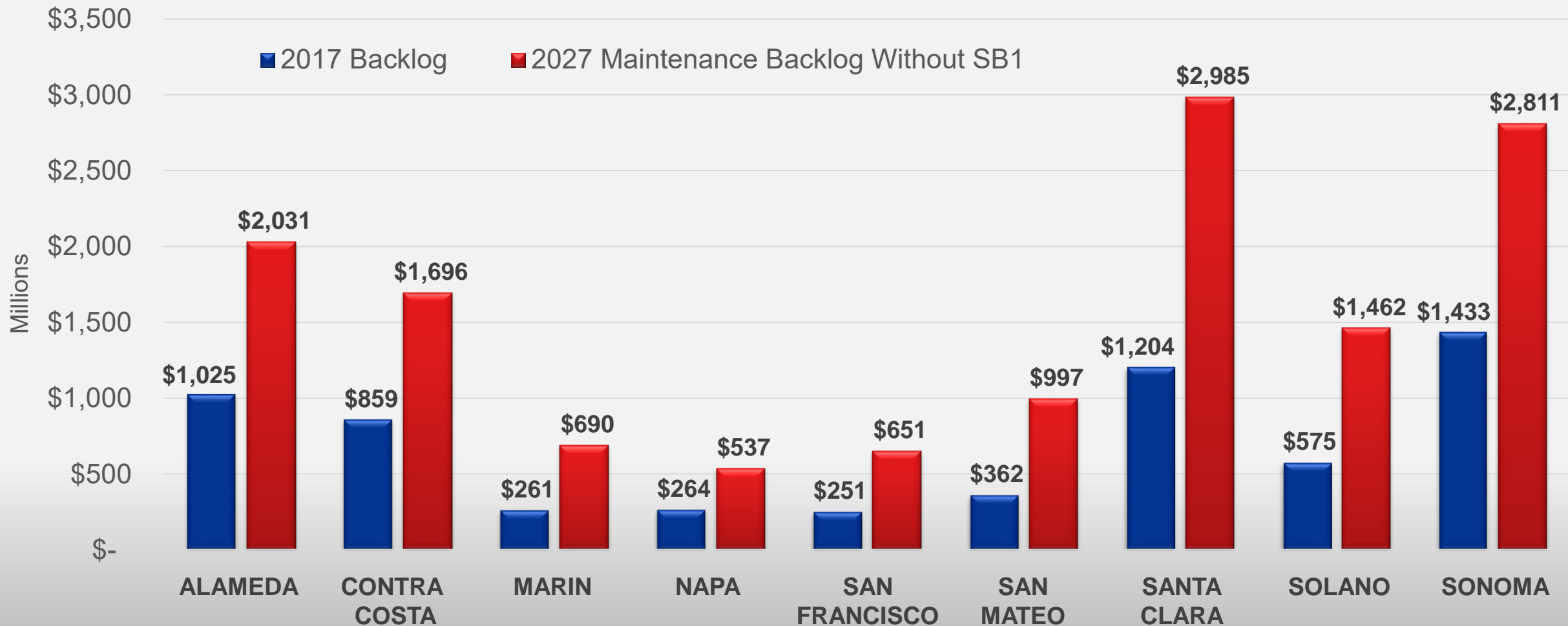
SB 1 Funding Increases for the Bay Area



Prop 6 Would Repeal New Local Street and Road Funding from SB 1

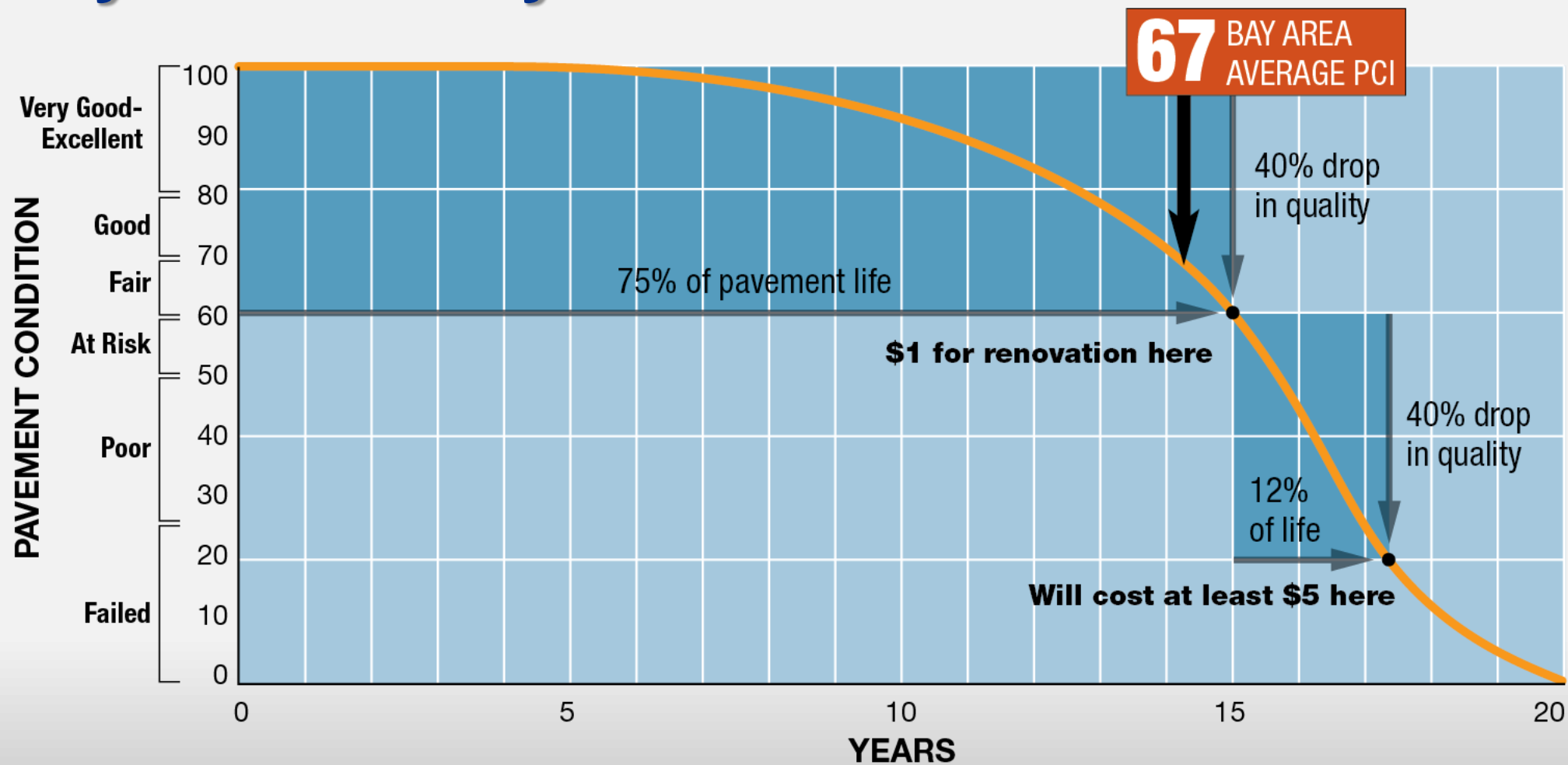


Prop 6 Would Increase Local Road Deferred Maintenance





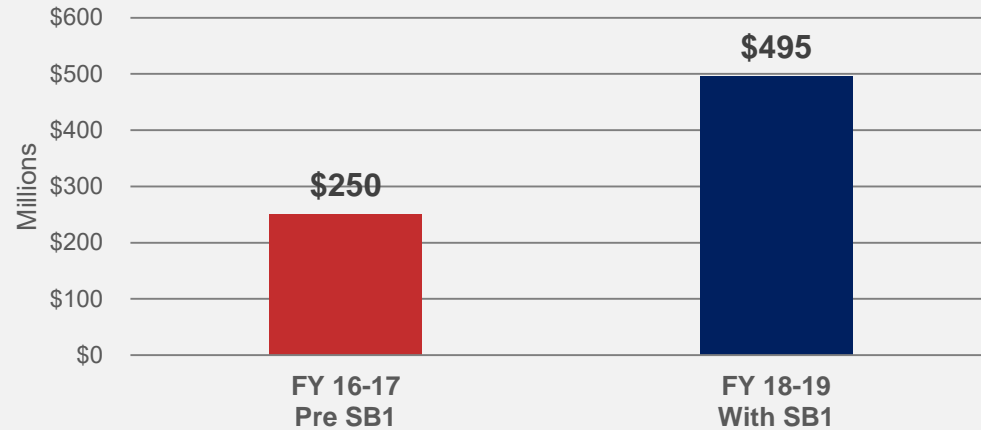
Pay Now or Pay Much More Later



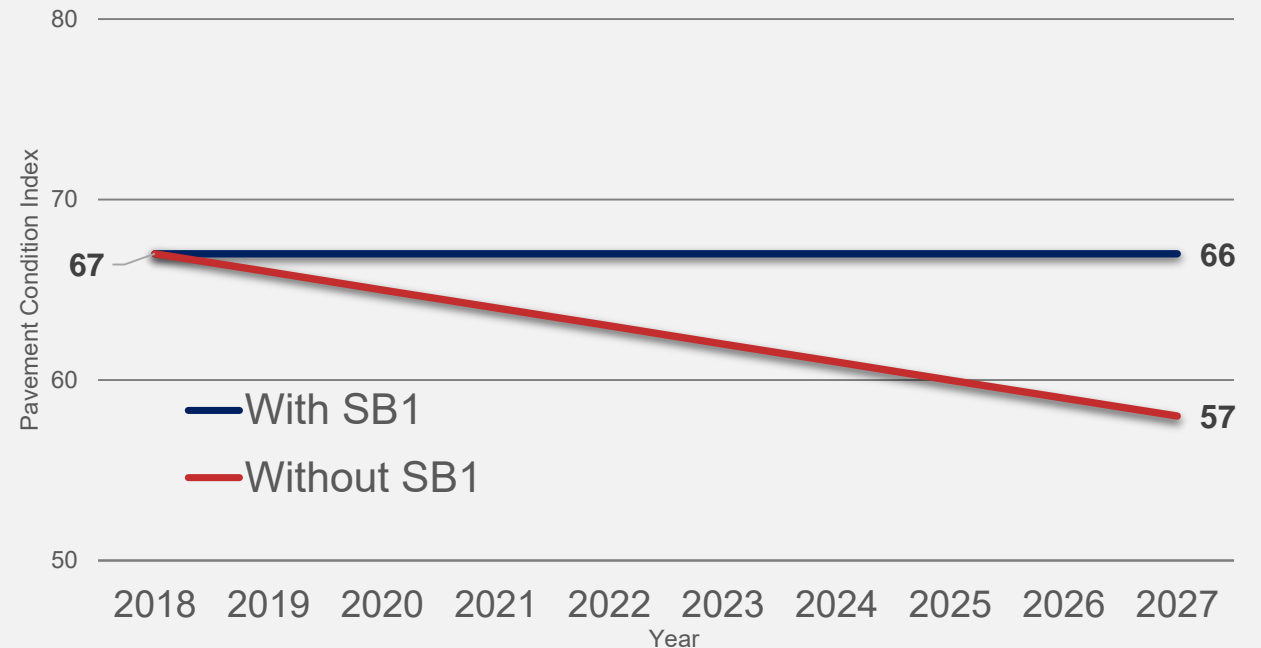
Time varies depending on traffic, climate, pavement design, etc.

Loss of Road Repair Funds Would Mean More Potholes

Local Road Gas Tax Funding By Year
(In Millions, Estimate)



Pavement Condition Forecast



A wide array of projects are eligible for SB 1, including:

- Safe driving conditions - road maintenance and rehabilitation
- Complete streets safety projects, such as sidewalks and bike lanes
- Traffic control safety devices such as traffic lights and crossings
- Storm water and clean water



Bay Area Congestion Relief Projects at Risk

Solutions for Congested Corridors:

- \$250 million per year statewide
- Focused on early delivery and most congested corridors
- CTC approved \$1 billion in May 2018 for a four-year cycle

Bay Area Funded Projects

Project Sponsor	Description	Funding
Caltrans	US-101 Marin-Sonoma Narrows	\$85
Caltrans/ VTA	US-101 Managed Lanes in San Mateo and Santa Clara Counties	\$233



Bay Area Transit Projects at Risk

State Transit Assistance

- SB 1 doubled STA funding, providing an additional \$156 million/year for Bay Area operators, including:

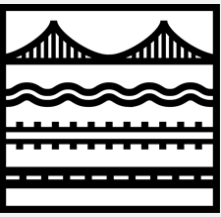
Operator	Annual Amount (Millions)
BART	\$25
SFMTA	\$40
AC Transit	\$13
Santa Clara VTA	\$18



Transit & Intercity Rail Capital Program

Operator	Description	Award (Millions)
VTA	BART to San Jose	\$730
BART	Transbay Core Capacity (Train Control, Fleet Expansion)	\$319
Caltrain	Electrification and Fleet Conversion/Expansion	\$165
Capitol Corridor	Northern California Corridor Enhancement (Oakland-San Jose)	\$80
SFMTA	Transit Capacity Expansion Program	\$27

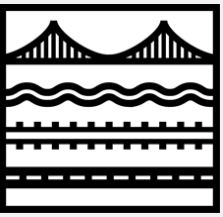




Risk to RM 3-Funded Highway Projects

Dollars in millions

Project	RM3 Funding	SB1 Funding	Comments
San Mateo US-101 Express Lanes	TBD	\$222	RM 3 Express Lane Program candidate project
Sonoma US-101 MSN	\$120	\$85	SB 1 Funding Segment C2
Alameda 7 th Street Grade Separation	TBD	\$175	RM 3 Goods Movement candidate project
Solano I-80/I-680/SR-12 Interchange	\$150	\$53	Multi-phase project



Risk to RM 3-Funded Transit Projects

Dollars in millions

Project	RM3 Funding	SB 1: Transit & Intercity Rail Capital Program
BART to Silicon Valley, Phase 2	\$375	\$730
BART Transbay Core Capacity	\$500	\$319
AC Transit High Capacity Buses	\$140*	\$14
SFMTA Transit Capacity Expansion	\$140	\$27
Capitol Corridor Enhancement Program	\$90	\$80
SMART Windsor Extension	\$40	\$21

*Part of RM 3 Core Capacity Transit Improvements project

MTC Prop 6 Public Information Plan

Web Page

- Prop 6 story on MTC home page with links to information about impacts of initiative on local road safety and repairs, public transit, congestion relief, and state highway safety

<https://mtc.ca.gov/our-work/fund-invest/funding-risk-proposition-6>

Social media

- Regular posting to MTC social media channels to inform public about regional and local impacts
- Sample social media posts for MTC board members and local agencies to share on their social media channels

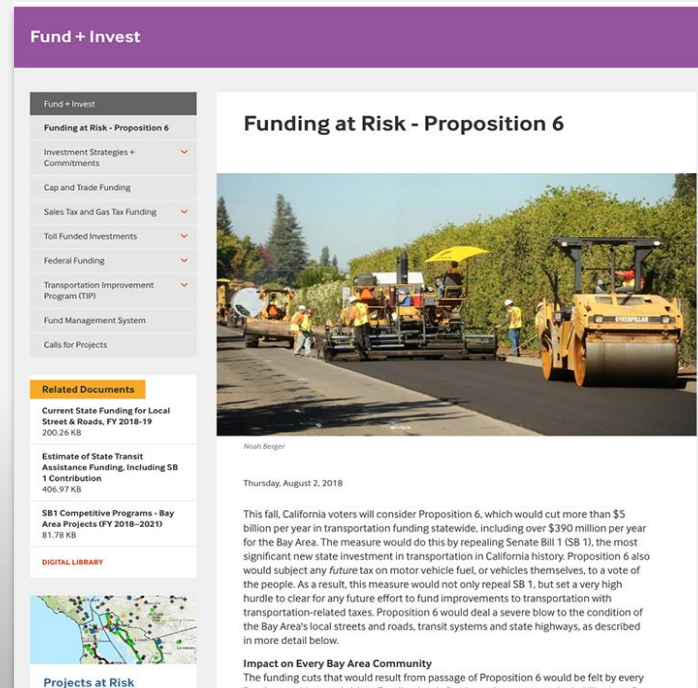


Videos

- Video for each county highlighting current condition of local roads, including footage of potholes & interviews with public works directors

Key Prop 6 Communication Efforts Underway

- ✓ Web page dedicated to Prop 6
- ✓ Maps of competitively-awarded program projects at risk
- ✓ Detailed funding impacts by agency
- ✓ Videos of local road impacts
- ✓ Social media posts



Other Public Information Activities

Press Events

- **Pothole Report**
 - September
- **Top 10 Congestion List**
 - October
- **Walk to School Day**
 - October



Partnering with Local Agencies

Public information toolkit for local agencies:

- Details of Prop 6 financial and performance impacts by local jurisdiction
- Talking points
- Powerpoint Template for Presentations to City Council meetings
- Local government resolution templates
- Videos
- Pothole report sample press release



Questions and Comments



Metropolitan Transportation Commission

375 Beale Street, Suite 800
San Francisco, CA 94105

Legislation Details (With Text)

File #: 18-0742 **Version:** 1 **Name:**
Type: Report **Status:** Committee Approval
File created: 9/6/2018 **In control:** ABAG Executive Board
On agenda: 9/20/2018 **Final action:**
Title: ABAG Finance Committee Report
Sponsors:
Indexes:
Code sections:
Attachments: [Finance 20180920 Agenda Final.pdf](#)

Date	Ver.	Action By	Action	Result
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ABAG Finance Committee Report

Karen Mitchoff, Chair, Finance Committee

Approval



375 Beale Street
Suite 700
San Francisco, California
94105

Meeting Agenda

ABAG Finance Committee

Chair, Karen Mitchoff, Supervisor, Contra Costa County
Vice Chair, Erin Hannigan, Supervisor, Solano County

Thursday, September 20, 2018

5:05 PM

Board Room - 1st Floor

The ABAG Finance Committee may act on any item on the agenda.

The meeting is scheduled to begin at 4:05 p.m.,
or immediately following the preceding ABAG committee meeting.
Agenda, roster, and webcast available at <http://abag.ca.gov/meetings>.
For information, contact Clerk of the Board at (415) 820-7913.

Committee Roster

Karen Mitchoff, Supervisor, County of Contra Costa—Chair
Erin Hannigan, Supervisor, County of Solano—Vice Chair
Annie Campbell Washington, Councilmember, City of Oakland
Cindy Chavez, Supervisor, County of Santa Clara
Dave Cortese, Supervisor, County of Santa Clara
Pradeep Gupta, Councilmember, City of South San Francisco
Scott Haggerty, Supervisor, County of Alameda
Julie Pierce, Councilmember, City of Clayton
David Rabbitt, Supervisor, County of Sonoma
Greg Scharff, Councilmember, City of Palo Alto

1. Call to Order

- 1.a. Roll Call
- 1.b. Confirm Quorum
- 1.c. Compensation Announcement

2. Public Comment

3. Committee Announcements

4. Approval of Summary Minutes

[18-0720](#) Approval of ABAG Finance Committee Summary Minutes of July 19, 2018

Action: Approval

Attachments: [Minutes 20180719 Draft.pdf](#)

5. Report on Financial Statements

[18-0721](#) Report on ABAG Financial Statements from July 2017 to June 2018 (Unaudited)

Action: Approval

Presenter: Brian Mayhew, Chief Financial Officer

Attachments: [Memo Financial Statements v1.pdf](#)
[Attachment Financial Statements.pdf](#)

6. Report on Contracts and Purchase Requisitions between \$20,000 and \$50,000

[18-0728](#) Report on ABAG Contracts and Purchase Requisitions between \$20,000 and \$50,000 from May 2018 to June 2018

Action: Approval

Presenter: Brian Mayhew, Chief Financial Officer

Attachments: [Memo Contracts between \\$20k to \\$50k.pdf](#)

7. Report on Investments

7.a. [18-0729](#) Investment Report for June 2018 (Unaudited)

Action: Approval

Presenter: Brian Mayhew, Chief Financial Officer

Attachments: [Memo Investment Report June 2018 Final.pdf](#)
[Attachment Investment Report June 2018.pdf](#)

7.b. [18-0730](#) Investment Report for July 2018

Action: Approval

Presenter: Brian Mayhew, Chief Financial Officer

Attachments: [Memo Investment Report July 2018 Final.pdf](#)
[Attachment Investment Report July 2018.pdf](#)

8. Adjournment / Next Meeting

The next regular meeting of the ABAG Finance Committee is on November 15, 2018.

Public Comment: The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

Meeting Conduct: If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

Record of Meeting: Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site (mtc.ca.gov) for public review for at least one year.

Accessibility and Title VI: MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

可及性和法令第六章: MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者，請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

Acceso y el Titulo VI: La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.