

Decision _____

BEFORE THE PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA

Order Instituting Rulemaking
Regarding Broadband Infrastructure
Deployment and to Support Service
Providers in the State of California.

R. _____

ORDER INSTITUTING RULEMAKING

Summary

The California Public Utilities Commission initiates this Order Instituting Rulemaking (OIR) to set the strategic direction and changes necessary to expeditiously deploy reliable, fast, and affordable broadband internet access services that connect all Californians. The core purpose of this rulemaking is to accelerate the deployment of and access to quality, affordable internet for all Californians. The Commission will be exploring short and medium-term actions in order to achieve this goal

1. Jurisdiction

California Governor Gavin Newsom issued Executive Order (E.O.) N-73-20¹ on August 14, 2020 directing state agencies to bridge the digital divide and ordering 15 specific actions of these agencies to increase access to

¹ See, <https://www.gov.ca.gov/2020/08/14/38666/>.

broadband in the areas of Mapping and Data, Funding, Deployment, and Adoption. The order includes the following:

- Establishing a minimum download speed goal of 100 megabits per second to guide infrastructure investment (Ordering Paragraph (OP) #1);
- Mandating that the California Broadband Council, chaired by the California Department of Technology and including the CPUC and other state agencies, create a new State Broadband Action Plan by December 31, 2020 (OP 2);
- Requesting the CPUC to lead data aggregation and mapping efforts to address locations without broadband access, information on public and private broadband network infrastructure, state-owned infrastructure and rights of way, the costs of deploying various middle and last-mile network components, and information to support the development of local broadband infrastructure deployment and digital equity plans (OP #3);
- Directing the California State Transportation Agency (CalSTA) and California Department of Transportation (Caltrans) to work with the California Transportation Commission (CTC) to identify and incorporate the installation of conduit and/or fiber into all appropriate and feasible transportation projects along strategic corridors (OP #7);
- Requesting the CPUC, in collaboration with the California Department of Technology (CDT) and other relevant agencies, to seek opportunities to use programs under its jurisdiction to accelerate broadband deployment and to leverage utility infrastructure to increase access to existing fiber and cost-effectively deploy new fiber (OP #8);
- Directing the California Department of Housing and Community Development and the California Housing Finance Agency to provide recommendations to the CPUC

- to increase free or low-cost broadband connectivity at all publicly subsidized housing communities for residential units (OP #12);
- Requesting the CPUC to develop tools for low-income individuals and social service organizations to easily identify and subscribe to affordable broadband plans (OP #13);
 - Directing the California Department of Aging, in partnership with CDT and CPUC, to analyze the needs of people ages 60 and older for access to affordable, reliable, high-speed broadband, and to identify program and partnership opportunities to close the digital divide among older Californians (OP #15).

The Commission has comprehensive jurisdiction over the deployment of high-quality advanced communications services to all Californians and thus support the goals of this Executive Order. It is state policy to promote universal and ubiquitous access to advanced telecommunications technologies and services for all Californians. Promoting the deployment of broadband and bridging the “digital divide” are consistent with the universal service policies the Legislature articulated in Pub. Util. Code Section 709:

The Legislature hereby finds and declares that the policies for telecommunications in California are as follows:

(a) To continue our universal service commitment by assuring the continued affordability and widespread availability of high-quality telecommunications services to all Californians.

(b) To focus efforts on providing educational institutions, health care institutions, community-based organizations, and governmental institutions with access to advanced telecommunications services in recognition of their economic and societal impact.

(c) To encourage the development and deployment of new technologies and the equitable provision of services in a way that efficiently meets consumer need and encourages the ubiquitous availability of a wide choice of state-of-the-art services.

(d) To assist in bridging the “digital divide” by encouraging expanded access to state-of-the-art technologies for rural, inner-city, low-income, and disabled Californians.

(e) To promote economic growth, job creation, and the substantial social benefits that will result from the rapid implementation of advanced information and communications technologies by adequate long-term investment in the necessary infrastructure.

(f) To promote lower prices, broader consumer choice, and avoidance of anticompetitive conduct.

(g) To remove the barriers to open and competitive markets and promote fair product and price competition in a way that encourages greater efficiency, lower prices, and more consumer choice.

(h) To encourage fair treatment of consumers through provision of sufficient information for making informed choices, establishment of reasonable service quality standards, and establishment of processes for equitable resolution of billing and service problems.

Pub. Util. Code Section 281 directs the Commission, among other things, to “encourage deployment of high-quality advanced communications services to all Californians that will promote economic growth, job creation, and the substantial social benefits of advanced information and communications technologies....” (Pub. Util. Code § 281(a).)

Pub. Util. Code Sections 709, 280, 281, 275.6 and the Moore Universal Telephone Service Act (Section 871) all demonstrate that the Legislature contemplated a significant role for the Commission in closing the digital divide in California and bringing advanced communications services, including broadband internet access, to all Californians.

This Commission also has comprehensive jurisdiction over questions of public health and safety arising from utility operations. (*San Diego Gas & Electric v. Superior Court*, (1996) 13 Cal.4th 893, 923-924.) Our broad authority and jurisdiction to regulate these entities is set forth in the California Constitution and in the Public Utilities Code. (*See, e.g.*, Cal. Const., Art. 12, §§ 3, 6; Pub. Util. Code §§ 216, 451, 701, 768, 1001.)

California law further authorizes the Commission to prescribe rules governing access to public utility rights-of-way. (Pub. Util. Code § 767.) California Public Utilities Code Sections 451, 701, 767.5, 767.7, 768, 768.5, and 1702.5, *inter alia*, provide further authority for the Commission to establish reasonable rates, terms, and conditions for joint use of utility poles, ducts, conduits, and rights-of-way.

The Commission is also a lead or responsible agency under the California Environmental Quality Act (CEQA), and as further specified by the Commission's CEQA-related rules. (California Environmental Quality Act of 1970, Public Resources Code §§ 21000 *et seq.*)

To implement this Executive Order, the Commission will partner with the California State Transportation Agency (CalSTA), the California Department of Technology (CDT), the Department of General Services (DGS), the California

State Library, the California Department of Aging, and other relevant state agencies, local and Tribal governments, and regional consortia.

2. Background

Communities across California face a multitude of barriers for the deployment of resilient and accessible networks. Broadband internet access service in urban communities varies by neighborhood, with great discrepancies in infrastructure technology. Communities in rural areas often lack sufficient wireline and wireless broadband internet access service, as well as the backhaul infrastructure to provide broadband services.

The COVID-19 pandemic has highlighted the extent to which broadband access is essential for public safety, public health and welfare, education, and economic resilience. The pandemic adds greater urgency to develop new strategies and expand on existing successful measures to deploy reliable networks with affordable service. Universal connection to the internet at reliable speeds is crucial to California's economic recovery from the impact of COVID-19. More Californians are telecommuting from their places of residence and millions of children are attending classes remotely. Additionally, with unprecedented growth in unemployment caused by COVID-19 and the need to participate in society from home, the demand for low-cost broadband internet access service will increase as millions of additional Californians need affordable plans to get through the pandemic and recover.²

² See,

<http://www.dof.ca.gov/budget/COVID-19/>

Over 2,000,000 Californians lack access to high-speed broadband at benchmark speeds of 100 Mbps download, including 50 percent of rural housing units.³ More than 14,000,000 Californians--over a third of the population--do not subscribe to broadband at the minimum benchmark speed to support distance learning and technologies that depend on upload speed.⁴ Only 34 percent of adults over the age of 60 use the internet, excluding older adults from access to telemedicine, social services and other support.⁵ And although Tribal governments have engaged in creative and diverse solutions to address the need, 30 percent of California Tribal Lands still remain unserved.⁶

2.1. Related Commission Proceedings

This proceeding will be informed by activities in other proceedings, including the following:

- Framework and Processes for Assessing the Affordability of Utility Service (R.18-07-006);
- California Advanced Services Fund (R. 12-10-012);
- California High Cost Fund A (R.11-11-007);

³ See,

<https://public.tableau.com/profile/cpuc#!/vizhome/EOY2018BroadbandAdoptionsbyHousingUnits/Adoption> (based on 25/3 speed tier).

⁴ See,

<https://public.tableau.com/profile/cpuc#!/vizhome/EOY2018BroadbandAdoptionsbyHousingUnits/Adoption>

⁵ See,

<https://www.gov.ca.gov/wp-content/uploads/2020/08/8.14.20-EO-N-73-20.pdf>

⁶ See,

<https://public.tableau.com/profile/cpuc#!/vizhome/EOY2018BroadbandDeploymentbyHUTribalLands/Dashboard>

- Order Instituting Rulemaking Regarding Emergency Disaster Relief Program (R.18-03-011);
- California Universal Telephone Service (California LifeLine) Program (R.20-02-008);
- Order Instituting Rulemaking into Access by Competitive Communications Providers to California Utility Poles and Conduit, Consistent with the Commission's Safety Regulations (Consolidated proceedings R.17-06-028 and I.17-06-027).

2.2. Commission Discussions of the Future of California Communications

For well over a year, the Commission has been discussing the future of the communications grid in California. Two recent En Banc events--public forums with all five commissioners--have been held, one in May 2019, and then another in March of this year. Themes from these events relevant to this rulemaking included: (1) communications affordability and access; (2) the role of communications in economic growth and prosperity; and (3) communications use by specific communities or populations including Tribes, schools, libraries, and public safety agencies.

3. Purpose of Proceeding

The purpose of this proceeding is to identify and implement strategies to effectively deploy quality, affordable, and reliable broadband to all Californians. This proceeding will be organized around specific actions to further this goal in the areas of:

- 1) Infrastructure deployment models and strategies for universal service, so that every California home and business can connect to the internet;
- 2) Economic vitality and recovery; and

- 3) Strategies to support specific communities, public safety, and other critical uses.

4. Preliminary Scoping Memo

This rulemaking will be conducted in accordance with Article 6 of the Commission's Rules of Practice and Procedure, "Rulemaking." As required by Rule 7.1(d), this OIR includes a preliminary scoping memo as set forth below and may be changed by the Assigned Commissioner's scoping memo (*See* Commission's Rules of Practice and Procedure, Rule 7.3), and preliminarily determines the category of this proceeding and the need for hearing.

4.1. Issues

The scope of this proceeding is to identify strategies and tactics to facilitate expeditious deployment of reliable, fast, and affordable broadband infrastructure as well as services to connect all Californians. The following issues are preliminarily determined to be within the scope of the proceeding: infrastructure deployment models and strategies, economic vitality and recovery strategies, and strategies to support specific communities, public safety, and other critical uses.

For each of the questions below, the rulemaking will seek to identify actions that the Commission could take in less than a year and actions that the Commission could take in 12-18 months. Comments on this OIR should respond to these questions.

A. Infrastructure Deployment Models and Strategies.

1. Implementing E.O. N-73-20, OP #8. What business models could the California energy Investor-Owned Utilities (IOUs) employ to make their existing and future fiber infrastructure more available in rural,

urban and Tribal areas? What are the critical requirements and incentives for these models to be effective?

2. What strategies, incentives or standards can improve open access in deploying fiber and wireless infrastructure to be utilized by multiple carriers, particularly in rural and Tribal areas? Specifically, how can communication providers better share their assets and build planning (e.g. points of presence, carrier hotels, trenches, conduit, towers, poles, etc.)?
3. How can the Commission use its licensing, permitting and CEQA responsibilities to further the goals of this OIR? Are there areas of the CEQA process which can be streamlined while still meeting the statutory requirements?

B. Economic Vitality and Recovery Strategies.

1. What requirements, if any, should the Commission impose on communications service providers and IOUs to facilitate the construction of fiber when restoring facilities after a disaster such as a fire?
2. How can the Commission partner with other state agencies to effectively address the infrastructure and affordability gap for communications services in California? How can the Commission assist in the implementation of E.O. N-73-20, OP #7?
3. How should the Commission address access to existing infrastructure for those communities where there is infrastructure going through a community but they are not served by it?
4. How should the Commission consider the role of communications in serving all households in a community and concerns about digital redlining?

C. Strategies to Support Specific Communities and Uses.

1. What further strategies, if any, should the Commission utilize to facilitate broadband internet access service for low-income, high fire threat, and/or low adoption communities, primary school students and institutions, libraries, and public safety communications?
2. How should the Commission use the roughly \$1 million in the Digital Divide Account to help schools and students?⁷
3. What are the strategies and models that Tribes can pursue for communications infrastructure and what are the means through which the Commission can support them?
4. What are the strategies and models that public entities can pursue for communications infrastructure and what are the means through which the Commission can support them?

The precise issues to be addressed and the process for addressing those issues will be set forth in an Assigned Commissioner's Scoping Memo.

4.2. Categorization; *Ex Parte* Communications; Need for Hearing

The Commission's Rules of Practice and Procedure Rule 7.1(d) require that an order instituting rulemaking preliminarily determine the category of the proceeding and the need for hearing. As a preliminary matter, we determine that this proceeding is quasi-legislative as defined in Rule 1.3(d), because our consideration and approval of this matter would establish policy or rules affecting a class of regulated utilities. Accordingly, *ex parte* communications are

⁷ Public Utilities Code Section 280.5.

permitted without restriction or reporting requirement pursuant to Article 8 of the Commission's Rules of Practice and Procedure.

We are also required to preliminarily determine if hearings are necessary. It appears that issues may be resolved through comments without the need for evidentiary hearings. In the event that an evidentiary hearing becomes necessary, the assigned Commissioner or Administrative Law Judge will issue a ruling that sets forth the process that will be used, and the scheduled to be followed.

Any person who objects to the preliminary categorization of this rulemaking as quasi-legislative or to the preliminary hearing determination shall state any objections and material facts they believe require a hearing in their responses to the questions herein. After considering any comments on the preliminary categorization or preliminary hearing determination, the assigned Commissioner will issue a scoping ruling making a final category and hearing determination; this final determination as to categorization is subject to appeal as specified in Rule 7.6(a).

4.3. Preliminary Schedule

The following is the procedural schedule that we anticipate will be followed for this OIR.

SCHEDULE

EVENT	DATE
Comments on OIR filed and served	30 days from adoption of OIR
Reply comments on OIR filed and served	15 days after opening comments

EVENT	DATE
Prehearing conference held	Fall 2020
Scoping memo issued	Fall 2020
[INFORMATION GATHERING: Workshops / Staff White Paper / Party Proposals / Testimony / Hearings]	TBD
Opening Comments filed and served	30 days from Information Gathering or Scoping Memo
Reply comments filed and served	30 days from opening comments
Proposed Decision issued	No later than 90 days from reply comments
Commission Decision issued	No sooner than 30 days after the Proposed Decision

The prehearing conference (PHC) in the instant proceeding will be held for the purposes of (1) taking appearances, (2) discussing schedule and process, and (3) informing the scoping memo. The PHC shall be held in the Fall of 2020 at a date to be determined in the Commission Courtroom, 505 Van Ness Avenue, San Francisco, California or by remote means if necessary at the time of the PHC.

The Assigned Commissioner or the assigned Administrative Law Judge (ALJ) may change the schedule to promote efficient and fair administration of this proceeding. Today's decision sets the due date for comments on the OIR

and a timeframe for the PHC. The schedule for the remainder of the proceeding will be adopted in the Assigned Commissioner's Scoping Memo.

It is the Commission's intent to complete this proceeding within 18 months of the date this decision is adopted. This deadline may be extended by order of the Commission. (Public Utilities Code § 1701.5(a).)

If there are any workshops in this proceeding, notice of such workshops will be posted on the Commission's Daily Calendar to inform the public that a decision-maker or an advisor may be present at those meetings or workshops. Parties shall check the Daily Calendar regularly for such notices.

5. Respondents

Named as respondents in this proceeding are Southern California Edison (SCE) (U# 338), Pacific Gas & Electric Co. (PG&E) (U#39), San Diego Gas & Electric Co. (SDG&E) (U#902), Southern California Gas Co. (SCE) (U#904), Bear Valley Electric Service (U #913), PacifiCorp (U#901), Liberty Utilities (CalPeco Electric) LLC (U#933), AT&T California (U#1001); Frontier California, Inc. (U#1002), Frontier Communications of America, Inc. (U#5429); SureWest Telephone (U#1015); Citizens Telecommunications Co. of California (U#1024); Time Warner Cable Information Services (California), LLC (U# 6874); Cox California Telecom LLC (U# 5684); and Charter Fiberlink CA-CCO, LLC (U# 6878); Cal-Ore Telephone Company (U# 1006); Calaveras Telephone Company (U#1004); Ducor Telephone Company (U# 1007); Foresthill Telephone Company (U# 1009); Happy Valley Telephone Company (U# 1010); Hornitos Telephone Company (U# 1011); Kerman Telephone Company (U# 1012); Pinnacles Telephone Company (U# 1013); Ponderosa Telephone Company

(U# 1014); Siskiyou Telephone Company (U# 1017); Volcano Telephone Company (U#1019); and Winterhaven Telephone Company (U# 1021).

This OIR may also promulgate rules that affect any affiliate of the above-named utilities providing broadband Internet access service in California. The above-named Respondents shall do one of the following: they may either ensure that their broadband affiliates appear as parties to this proceeding, or they may submit responses in this proceeding on behalf of those affiliates. In either case, until those affiliates appear in this proceeding, the Commission will construe service on the named Respondents as effecting service on those affiliates.

6. Service of OIR

This OIR shall be served on all respondents.

In addition, in the interest of broad notice, this OIR will be served on the official service lists for the following proceedings:

- Affordability of Utility Service (R.18-07-006);
- California Advanced Services Fund (R.12-10-012);
- California Universal Telephone Service (California LifeLine) Program (R.20-02-008);
- California High Cost Funds Program (R.11-11-007);
- Emergency Disaster Relief Program (R.18-03-011);
- Access by Competitive Communications Providers to California Utility Poles and Conduit, Consistent with the Commission's Safety Regulations (Consolidated proceedings R.17-06-028 and I.17-06-027).

In addition, in the interest of broad notice, this OIR will be electronically served on the state and local agencies listed in Appendix A:

Service of the OIR does not confer party status or place any person who has received such service on the Official Service List for this proceeding, other

than respondents. Instructions for obtaining party status or being placed on the official service list are given below.

7. Filing and Service of Comments and Other Documents

Filing and service of comments and other documents in the proceeding are governed by the Commission's Rules of Practice and Procedure.

Parties are directed to submit their prepared testimony, and any exhibits that are offered in evidence, as "supporting documents" using the Electronic Filing System on the Commission's website at <http://www.cpuc.ca.gov/PUC/efiling>. All other exhibits that have been marked for identification shall be submitted by no later than three business days from the conclusion of evidentiary hearings, if applicable.

8. Addition to Official Service List

Addition to the official service list is governed by Rule 1.9(f) of the Commission's Rules of Practice and Procedure.

Respondents are parties to the proceeding (see Rule 1.4(d)) and will be immediately placed on the official service list.

Any person will be added to the "Information Only" category of the official service list upon request, for electronic service of all documents in the proceeding, and should do so promptly in order to ensure timely service of comments and other documents and correspondence in the proceeding.

(See Rule 1.9(f).) The request must be sent to the Process Office by e-mail (process_office@cpuc.ca.gov) or letter (Process Office, California Public Utilities Commission, 505 Van Ness Avenue, San Francisco, California 94102). Please include the Docket Number of this rulemaking in the request.

Persons who file responsive comments thereby become parties to the proceeding (see Rule 1.4(a)(2)) and will be added to the “Parties” category of the official service list upon such filing. *In order to assure service of comments and other documents and correspondence in advance of obtaining party status, persons should promptly request addition to the “Information Only” category as described above; they will be removed from that category upon obtaining party status.*

9. Subscription Service

Persons may monitor the proceeding by subscribing to receive electronic copies of documents in this proceeding that are published on the Commission’s website. There is no need to be on the official service list in order to use the subscription service. Instructions for enrolling in the subscription service are available on the Commission’s website at <http://subscribecpuc.cpuc.ca.gov/>.

10. Intervenor Compensation

Intervenor Compensation is permitted in this proceeding.

Pursuant to Rule 17.1 of the Commission's Rules of Practice and Procedure, a party that intends to seek intervenor compensation must file and service notice of intent to claim compensation within 30 days after the prehearing conference. Parties new to participating in Commission proceedings may contact the Commission’s Public Advisor.

11. Public Advisor

Any person or entity interested in participating in this rulemaking who is unfamiliar with the Commission’s procedures should contact the Commission’s Public Advisor in San Francisco at (415) 703-2074 or 1-(866) 849-8390 or e-mail public.advisor@cpuc.ca.gov. The TTY number is 1-(866) 836-7825.

12. Public Outreach

Public Utilities Code § 1711(a) states:

Where feasible and appropriate, except for adjudication cases, before determining the scope of the proceeding, the commission shall seek the participation of those who are likely to be affected, including those who are likely to benefit from, and those who are potentially subject to, a decision in that proceeding. The commission shall demonstrate its efforts to comply with this section in the text of the initial scoping memo of the proceeding.

O R D E R

IT IS ORDERED that:

1. This Order Instituting Rulemaking is adopted pursuant to Rule 6.1 of the Commission's Rules of Practice and Procedure.

2. The preliminary categorization is quasi-legislative.

3. The preliminary determination is that a hearing is not needed.

4. The preliminary scope of issues is as stated above in Section 4.

5. A prehearing conference will be set for Fall 2020.

6. Comments on the OIR are due 30 days after the adoption of this OIR.

Reply comments are due 15 days after the filing of opening comments.

7. The schedule for the remainder of the proceeding will be adopted in the Assigned Commissioner's Scoping Memo.

8. Southern California Edison (SCE) (U# 338), Pacific Gas & Electric Co. (PG&E) (U#39), San Diego Gas & Electric Co. (SDG&E) (U#902), Southern California Gas Co. (SCE) (U#904), Bear Valley Electric Service (U #913), PacifiCorp (U#901), Liberty Utilities (CalPeco Electric) LLC (U#933), AT&T

California (U#1001); Frontier California, Inc. (U#1002); Frontier Communications of America, Inc. (U#5429); SureWest Telephone (U#1015); Citizens Telecommunications Co. of California (U#1024); Time Warner Cable Information Services (California), LLC (U# 6874); Cox California Telecom LLC (U# 5684); and Charter Fiberlink CA-CCO, LLC (U# 6878); Cal-Ore Telephone Company (U# 1006); Calaveras Telephone Company (U#1004); Ducor Telephone Company (U# 1007); Foresthill Telephone Company (U# 1009); Happy Valley Telephone Company (U# 1010); Hornitos Telephone Company (U# 1011); Kerman Telephone Company (U# 1012); Pinnacles Telephone Company (U# 1013); Ponderosa Telephone Company (U# 1014); Siskiyou Telephone Company (U# 1017); Volcano Telephone Company (U#1019); and Winterhaven Telephone Company (U# 1021). All respondents shall be parties to this proceeding.

9. The above-named Respondents shall do one of the following: They may either ensure that any of their affiliates that provide broadband Internet access service appear as parties to this proceeding, or they may submit responses in this proceeding on behalf of those affiliates.

10. Respondents shall, and any other person may, file comments responding to this OIR not later than 30 days after this OIR is adopted.

11. The Executive Director will cause this Order Instituting Rulemaking to be served on all respondents and on the service lists for the Commission proceedings, Affordability of Utility Service (Rulemaking (R.)18-07-006); California Advanced Services Fund (R.12-10-012); California Universal Telephone Service (California LifeLine) Program (R.20-02-008); California High Cost Funds Program (R.11-11-007); Emergency Disaster Relief Program

(R.18-03-011); Access by Competitive Communications Providers to California Utility Poles and Conduit, Consistent with the Commission's Safety Regulations (Consolidated proceedings R.17-06-028 and I.17-06-027) as well as on the agencies and individuals listed in Appendix A.

12. Any party that expects to claim intervenor compensation for its participation in this Rulemaking must file its notice of intent to claim intervenor compensation within 30 days of the filing of reply comments, except that notice may be filed within 30 days of a prehearing conference in the event that one is held. (*See* Rule 17.1(a)(2).)

This order is effective today.

Dated _____, at San Francisco, California.

APPENDIX A

APPENDIX A

- **California Broadband Council;** Amy.Tong@state.ca.gov, Christina.Snider@gov.ca.gov.
- **California Department of Aging (CDA);** Kim.Mccoy.Wade@aging.ca.gov, Mark.Beckley@aging.ca.gov.
- **California Department of Education (CDE);** Tony.Thurmond@cde.ca.gov, Elly.Garner@cde.ca.gov, MNicely@cde.ca.gov, GBelleau@cde.ca.gov.
- **California Department of Emergency Services;** Mark.Ghilarducci@CalOES.ca.gov, Christina.Curry@CalOES.ca.gov.
- **California Department of Food and Agriculture,** KB.R@cdfa.ca.gov.
- **California Department of General Services (DGS);** Daniel.Kim@dgs.ca.gov, Brent.Jamison@dgs.ca.gov.
- **California Department of Housing and Community Development;** Lourdes.Castro-Ramirez@bcsh.ca.gov, Zachary.Olmstead@hcd.ca.gov.
- **California Department of Technology (CDT);** Amy.Tong@state.ca.gov, Yolanda.Richardson@govops.ca.gov.
- **California Department of Transportation (Caltrans);** Toks.Omishakin@dot.ca.gov, James.Davis@dot.ca.gov, Elizabeth.A.Dooher@dot.ca.gov.
- **California Housing Finance Agency;** TPatterson@calhfa.ca.gov, MGunning@calhfa.ca.gov.
- **California State Library;** Greg.Lucas@library.ca.gov, Anne.Neville-Bonilla@library.ca.gov, cslgps@library.ca.gov.
- **California State Transportation Agency (CalSTA);** David.S.Kim@calsta.ca.gov, Elissa.Konove@calsta.ca.gov, Lori.Pepper@calsta.ca.gov.
- **California Transportation Commission (CTC);** Paul.Golaszewski@catc.ca.gov, Mitchell.Weiss@catc.ca.gov.

(END OF APPENDIX A)