

California Broadband Council

October 17, 2019

Meeting Minutes

The California Broadband Council (CBC) met on Thursday, October 17, 2019 at 1:00pm in the California Department of Tax and Fee Administration Auditorium at 450 N Street, Sacramento, CA 95814.

Roll Call

A quorum was established for the meeting.

| Member | | Designee | Present | Absent |
|--|---------------------|----------------|---------|--------|
| California Department of Technology Director | Amy Tong | | X | |
| California Public Utilities Commission President | Marybel Batjer | Cynthia Walker | X | |
| California Office of Emergency Services Director | Mark Ghilarducci | Patrick Mallon | X | |
| Superintendent of Public Instruction | Tony Thurmond | | | X |
| Department of General Services Director | Daniel Kim | Brent Jamison | X | |
| California State Transportation Agency Secretary | David Kim | Lori Pepper | X | |
| California Emerging Technologies Fund President | Sunne Wright McPeak | | X | |
| Member of the Senate | Ben Hueso | Sarah Smith | X | |
| Member of the Assembly | Mike Gipson | | | X |

Agenda Item 1 – Welcome

Chair Amy Tong welcomed everyone to the final meeting of 2019 and acknowledged:

- California State Transportation Agency (CalSTA) Deputy Secretary for Innovative Mobility Solutions Lori Pepper, who is serving as CalSTA Secretary David Kim's designee.

- Advisory Members:
 - California Research Bureau Member Ann Neville Bonilla.
 - California State Board of Food and Agriculture Member Joy Sterling.
 - Southern California Tribal Chairman's Association Representative Matthew Rantanen.
 - California Public Utilities Commission Representative Michael Pierce.
 - United States Department of Agriculture State Broadband Coordinator Michael Tze (not in attendance).

Ms. Tong pointed out that Governor Newsom signed [AB 488](#) (Aguiar-Curry), which will add the California Secretary of Food and Agriculture, the State Librarian, and the Governor's Tribal Advisor to the Council as members starting January 1, 2020.

Agenda Item 2 – Updates

Standing Items

Public Safety – Next Gen 911 Update

California Office of Emergency Services (CalOES) CA 911 Emergency Communications Branch Manager Budge Currier provided an update on Next Gen 911, with a focus of the areas of most interest to the Council.

- The current focus is on building a secure statewide IP network, to tie together data centers to interact with carriers.
- Bringing 911 information to mobile is crucial to the effort.
- Next Gen 911 will:
 - Increase resiliency by hardening the system to withstand disasters.
 - Allow agencies to reroute 911 calls to each other during disasters.
 - Reduce 911 down time, which is currently problematic given the state's aging infrastructure.
 - Be used as a common delivery system for alerts and warnings at little additional expense, reducing the need for local agencies to fund individual systems.
 - Ensure emergency calls are delivered quickly and accurately.
 - Support 911 text delivery to and from dispatch centers.
 - Deliver increased location accuracy for all 911 calls.
 - Provide the ability to integrate other 911 technologies over secure IP connections.
 - Ultimately will connect every single public safety point in the state.
- Mr. Currier thanked the California Department of Technology and the California Public Utilities Commission (CPUC) for their support and provided a high level overview of what the network will look like.

Council Member McPeak asked about the extent of outreach and whether or not the regional consortia had been briefed.

- Mr. Currier noted that CalOES performed extensive outreach with multiple partners including 11 outreach meetings with more than 500 attendees and posting of video to the CalOES web site.
- Member McPeak noted that the California Emerging Technologies Fund would like to help facilitate outreach with regional consortia and internet service providers.

Council Designee Mallon noted that CalOES has emphasized to stakeholders the importance leveraging fiber build outs, particularly to underserved areas, to branch off those build outs to provide connectivity unto schools, hospitals, and other regional services.

- Given the costs, providers inquired about the possibility of grant monies to assist funding such build outs.
- CalOES is exploring the matter further.

Council Designee Smith noted CalOES should coordinate with CPUC to examine all funding opportunities – federal, state, and local.

Council Member McPeak commended CalOES for their work.

Mr. Currier reviewed project risks including:

- The availability of network connectivity to each public safety access point (PSAP).
- Available space in PSAP equipment rooms.
- PSAP coordination.
- Local information technology concerns.
- Connections to originating service providers.

Mr. Currier also provided overviews of:

- The alert and warning integration system to provide a common technology platform that can be used by local agencies to issue alerts and warnings.
- How Next Gen 911 was moving towards new technologies including the cloud, because of their speed and capabilities.
- The Next Gen 911 components.
- OES will also leverage DGS FedRamp cloud contracts.

AB 1549 (Chapter 505, Statutes of 2016) – California's Dig Once Policy

Outgoing California Department of Transportation Southern California Planning and Modal Programs Manager Chris Schmidt provided an update on AB 1549 (Chapter 505, Statutes of 2016) – the “Dig Once” law.

- There has been great progress in working collaboratively on the Dig Once law with CalTrans’ strategic corridors partners.
- The next steps are to be more strategic than reactive.
- As part of the Council’s Strategic Corridors Task Force, CalTrans has been working closely with CPUC, the California Department of Technology, and the regional consortia members to identify where there greatest needs are.

- CalTrans took identified tiered data and mapped it to identify opportunities and worked with the California Association of Councils of Government to identify rural areas for future transportation projects.
- CalTrans has strategically mapped different types/layers of projects:
 - CalTrans maintenance and operations projects.
 - Future projects – basically mobility projects.
 - Consortia priority projects.
 - ISP information – requires nondisclosure agreements (proprietary data), transferring and managing data.
- This data mapping will position CalTrans to have the conversation with regional consortia and internet service providers (ISPs) to identify where needs are.

Mr. Schmidt mentioned CalTrans is hosting a “Caltrans Statewide Broadband Permit Application Resolution” meeting on December 10th to clear up confusion about permitting challenges. This meeting is closed to the public.

Mr. Schmidt noted that small cell deployment needs to be examined further.

Mr. Schmidt is transitioning to the CalTrans role of SB 743 Program Manager.

Council Designee Jamison thanked Mr. Schmidt for his service and contributions to the Council and inquired about the turnaround time for permits.

- Mr. Schmidt noted permits generally get turned around within approximately 26 days, depending upon district and complexity.

Council Designees and Members thanked Mr. Schmidt for his personal and professional commitments to his work and the work of the Council.

Task Forces Updates - Overview

CDT Deputy Director Stephanie Tom updated the Council on the task forces.

Ms. Tom noted that the task forces have been set up to have a beginning and end and then, when appropriate, transition the collaborative work to other entities.

Ms. Tom noted that the 2018 Long Term Goals Task Force had a total of seven key objectives which were used to better understand the direction of individual task forces.

Ms. Tom noted that the Bill of Rights Task Force was initiated by Council Designee Martha Guzman Aceves to serve as a visionary document of the digital rights of Californians.

- With input from the California Department of Education, regional consortia, and CPUC, and feedback from the administration, the draft is being transferred to the CPUC, which will continue to lead the charge.

Council Member McPeak noted that the original intent was to focus on digital equity.

Strategic Corridors Task Force Update

Regional Consortia Representative Trish Kelly provided an update of the Strategic Corridors Task Force.

- The Task Force received input from regional consortia, the California Association of councils of Governments, California Forward, the California Emerging Technology Fund, California State University, Chico, CalTrans, CPUC and CDT.
- Per Mr. Schmidt's presentation, regional consortia provided updated priority maps to CalTrans.
- Issues of importance include:
 - Adoption of "Dig Once / Joint Use" policies.
 - Planning and eligibility for transportation funding to be used for broadband infrastructure deployment.
 - Permitting challenges and variations across CalTrans districts.
 - Overall funding availability/constraints with CPUC funding including last mile and household eligibility requirements.

Ms. Kelly acknowledging the commitment of Congressional Representative Doris Matsui (CA 05) and thanked her Field Representative Meaghan Stiles for attending.

Ms. Kelly noted that strategic corridor efforts need to include federal agencies.

Ms. Kelly noted the City of Paradise is focused on joint trenching and will create a kit for use by other cities.

Council members thanked Ms. Kelly for her leadership.

Member McPeak noted that transportation's product is mobility – the functionality, not just infrastructure.

Council Designee Lori Pepper pointed out that broadband access is part of a statewide mobility ecosystem.

Ms. Tong suggested DGS review state property to support broadband infrastructure.

Council Designee Sarah Smith noted that the legislature's broadband focuses are safety and affordability.

Council Designee Cynthia Walker indicated that California should be more actively engaged in federal programs such as the Federal Communications Commission and Rural Digital Opportunity Fund.

State Contracts Task Force Update

Department of General Services (DGS) Representative Rhonda Smith and CDT Representative Tiffany Angulo provided an overview of the State Contracts Task Force.

The Task Force is examining ways to leverage the State's buying power when conducting procurements to promote broadband deployment in unserved and underserved areas.

The efforts:

- Are a multidepartment collaboration of the DGS, CPUC and CDT.
- Target applicable information technology and telecom solicitation categories and programs.
- Are moving forward to solicit industry input and develop policies.

Tribal Task Force Update

Southern California Tribal Chairmen's Association Representative Matthew Rantanen provided an update on the Tribal Advisory Task Force.

Mr. Rantanen noted:

- Many of the tribes are trying to promote wire connections but do not have power.
- There are 1,312 middle-miles missing to get backhaul to reservations.
- The situation forces tribes to rely on wireless technologies to serve their communications to gain backhaul to the rest of the internet.
- Many of the locations that need to be included are far outside the normal reach of the power grid.
- In order to include tribes in California's connectivity efforts, the following are needed:
 - Connectivity information from each of the tribes needs to be finalized to quantify missed opportunities.
 - Projects being designed and deployed by tribes need to be identified to share as reference for others to use as inspiration, template, success stories.
 - Tribal efforts must be aligned with the expansion of communications corridors within California's buildout.
 - The tribes need to continue to present pertinent information to the California Broadband Council so the Governor's Office has proper resources for future planning.

Council Designee Mr. Mallon noted that FirstNet wants to deploy cellular coverage for first responders.

Surplus Equipment Task Force Update

Tech Exchange Executive Director Seth Hubbert provided an update of the Surplus Equipment Task Force.

The purpose of the Surplus Equipment Task Force is to develop processes and partnerships to utilize California's surplus information technology assets to best support digitally under-connected residents in under-served communities.

Mr. Hubbert reviewed the Task Force work flow and noted there were approximately 2 million households with approximately 6 million residents that don't have computers.

The task force was performing strategic outreach to:

- State agencies to contribute surplus equipment and education.
- Educational institutions to renew and build and eligible recipients list.
- Community focused computer refurbishers to assist efforts.

The Task Force has been identifying potential funding sources to resource the refurbishment and distribution of surplus computers.

Momentum is building and the Task Force is going to close and transition to a DGS program.

Council Designee Mr. Jamison noted that we may be able to revisit SB 493 (Chapter 251, Statutes of 2011) that specifies the requirements regarding disposal of state surplus information technology and related equipment to support the Task Force's efforts.

Council Designee Ms. Walker noted she would like for the CPUC to collaborate with the Task Force efforts, including adoption grants.

Agenda Item 3 – Public Comment

State Board of Food and Agriculture Member Joy Sterling commented:

- She sees a great deal of optimism in the work being performed.
- She has concerns about the manner in which the recent PG&E shutoff occurred.
 - There is a connection between energy and broadband, particularly for critical public safety issues.
 - When towers are erected, they need backup power – for emergencies and for planned shutoffs.

Mr. Rantanen noted that the tribes deployed generators and internet service providers should have backup support.

Chico State consortia representative Dave Espinosa commented that the Paradise City Council passed an ordinance to ensure coordination of PG&E and internet service providers infrastructure.

Ms. Smith noted that the CPUC was having a hearing on October 18 in San Francisco about the recent PG&E outages.

Mr. Mallon noted that CalOES is looking into to grants to help support FirstNet.

Member McPeak acknowledged Jackie Kinney for her role in being the architect of the Council during her tenure with former State Senator Alex Padilla.

The meeting adjourned at 3:10pm.