

California Broadband Council Meeting April 19, 2018

Minutes

The California Broadband Council (CBC) met on Thursday, April 19, 2018 at 1:30 p.m. in the California State Personnel Board Auditorium, 801 Capitol Mall, Room 100, Sacramento, CA.

Roll Call

A quorum was established to begin the meeting.

The following members or designees were in attendance:

1. Amy Tong, Director, California Department of Technology (CDT)
2. Sunne Wright-McPeak, President, California Emerging Technology Fund (CETF)
3. Mitch Medigovich, Dep. Director, CA Office of Emergency Services (CalOES) (for Dir. Mark Ghilarducci)
4. Jerry Winkler, Director, California Department of Education (for Superintendent Tom Torlakson)
5. Brent Jamison, Deputy Director, Department of General Services (for Director Daniel Kim)
6. George Akiyama, Chief Information Officer, Caltrans (for Secretary Brian Annis)

Not present:

1. Senator Ben Hueso
2. Assembly member Mike Gipson
3. Carla Peterman, Commissioner, California Public Utilities Commission (PUC)

AGENDA ITEM 1 – Chairperson Welcome and Introductions

Chairperson Amy Tong welcomed everyone to the meeting and thank them for coming. She also congratulated Council Member Sunne Wright-McPeak on receiving the Champion of Technology Award.

AGENDA ITEM 2 – Update: AB 1549

Presenter: Chris Schmidt, Division Chief, Transportation Planning, CalTrans

Discussion Highlights:

- Caltrans has developed internal guidelines
- Continuing to map out future activities
- User Guide on Incorporating Wired Broadband Facility on State Highway R/W—1st Edition released January 1, 2018
- <http://dot.ca.gov/wiredbroadband/>
- Future goals to educate stakeholders

AGENDA ITEM 3 – Update: FirstNet

Presenter: Patrick Mallon, Assistant Director, California Governor's Office of Emergency Services

Discussion Highlights:

- There is a wealth of data that can be pushed out to the public and various alert systems, and this is where the FirstNet system comes in.
- Endeavor: Reporting to public works (can uplift each entity → priority preemption)
- Spent 90 days to negotiate with AT&T to provide a public safety broadband service to California

- Was awarded contract to AT&T. Biggest concern: Over 50% of comments received during outreach sessions was in regards to coverage.
 - FirstNet working with AT&T to expand coverage (landlines and at the cellular level) in rural areas that are underserved today
 - Want defensible space
- Working with AT&T and FirstNet to identify priority multi-jurisdictional responses.
- Currently working to develop a CalNet contract with FirstNet and continue negotiations
 - Goal date → June time-frame completion
- Also working with AT&T on several needs on use for system

AGENDA ITEM 4 – Guest Presentation: “Trends in Technology”

Presenter: Steve Goeringer, Principal Security Architect, Cable Labs

Discussion Highlights:

- Background: Reduced costs on outages and such. And to offer services: wired, wireless in a secure approach.
- Wireless is the big driver in all this (the need for higher bandwidth). Working on easier integration, secure onboarding, and access.
- Cable technology
- Security and Approach:
 - Open Source Code and good practices
 - Need to be able to integrate as attacks happen as well as prevent.
- Kyrio
 - Integrate into hardware with a built-in secure technology

AGENDA ITEM 5 – CBC 2018 Goals: Strategy and Planning Discussion

Members of the California Broadband Council and the public participated in an exercise to identify 3 short-term and 3 long-term goals for the Council.

RECOMMENDED GOALS:

Short Term Goals:

- Leverage state surplus cell phones in communities along with facilitating state computer surplus in rural areas (something we can do and consider) since this day in age, cell phones are predominantly used for internet access.
- Broadband connectivity in rural areas for schools and libraries
- Update 7 Key Actions
- Increase the public/private partnerships to identify opportunities for those in underserved areas—tribal areas
- Create a director of all state resources that can be used for broadband even if not mentioned. Coordinate all resources.
- Strategic goals and metrics for high-speed internet access throughout California
- Measure broadband availability and create updateable GIS map: rural areas, farm land and tribal land. Create better, more accurate broadband map
- Identify stakeholders for providing good measurement, public safety and education. Who's doing what?
- Metric of membership by industry carrier type with the Caltrans (AB 1549) working group

- Building upon Caltrans and OES FirstNet work, convene all stakeholders to identify “strategic corridors for deployment: CPUC, CTC, ISPs, DGS, etc.
- Building upon Caltrans, OES, DGS, DTS work, inventory the state public assets that can be accessed by ISPs to achieve 98% deployment goal.
- Comprehensive report of all broadband infrastructure network. Can be basis for leverage.

Long Term Goals

- Analyze and leverage State of California technology contracts to bridge the Digital Divide.
- Develop an interface, displayed for linkage of strategic areas needing broadband that crosswalks state Caltrans (DOT FED) CAF, CETF sites with GID based.
- Close school-home broadband gap
- Copy or adopt New York’s broadband infrastructure.
- Work with the USDA to coordinate broadband resources.
- Education improving by having more connection
- Better communication between state agencies on data
- Communication between providers for best/better solutions to difficult areas – geographical or otherwise.
- Ensure California becomes the world leader in high-speed internet infrastructure and wide public-resident adoption
- Bring high-speed broadband to fairgrounds as anchor institutions and for public safety communications
- Create agriculture broadband experiment station in locations like West Hills College to be demonstration pilot for broadband to farmland

Key Next Steps:

Document and divide into smaller working groups, ‘Task Forces’, then report back to the Council. Work to achieve tangible short term goals in 2018.

The final three task forces are:

Task Force 1:

- **Title:** Inventory of schools and libraries with connectivity/GIS map
- **Description:** To identify the inventory of schools and libraries in California with broadband connectivity leveraging current and available GIS maps. Specifically, this inventory will contain information about public schools and/or library sites.
- **Suggested Members:**
 - California Office of Emergency Services (OES)
 - California Department of Education (CDE)
 - US Department of Agriculture. (USDA)

Task Force 2:

- **Title:** Revisit Goals and Extend Successful Surplus Programs
- **Description:** This working group will revisit the CBC goals and extend successful surplus programs to other key peripherals that would be beneficial to rural areas/public institutions.
- **Suggested Members:**

- Department of General Services (DGS)
- California Department of Technology (CDT)
- California Emergency Technology Fund (CETF)
- CalSTA

Task Force 3:

- **Title: Establish Long Term Goals**
- **Description:** Assess and establish long term goals for the California Broadband Council by reviewing the 7 Key Objectives, as well as, review and prioritize suggested long term goals suggested during the first meeting.
- **Suggested Members:**
 - California Department of Technology (CDT)
 - California Emergency Technology Fund (CETF)
 - California Public Utilities Commission (CPUC)

Meeting was adjourned at 3:45 pm