

California Broadband Council

October 24, 2025



Broadband for All



WELCOME

Jared Johnson

**DEPUTY STATE CHIEF INFORMATION OFFICER
& CHIEF DEPUTY DIRECTOR**

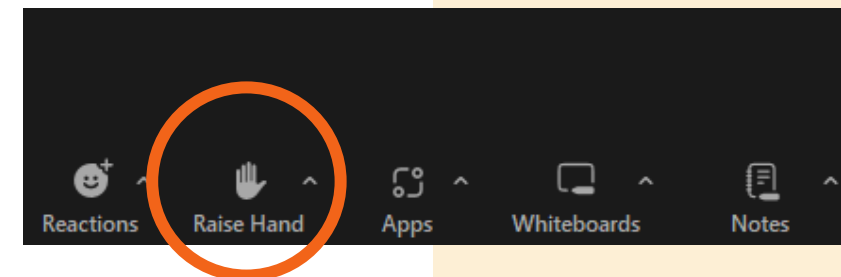
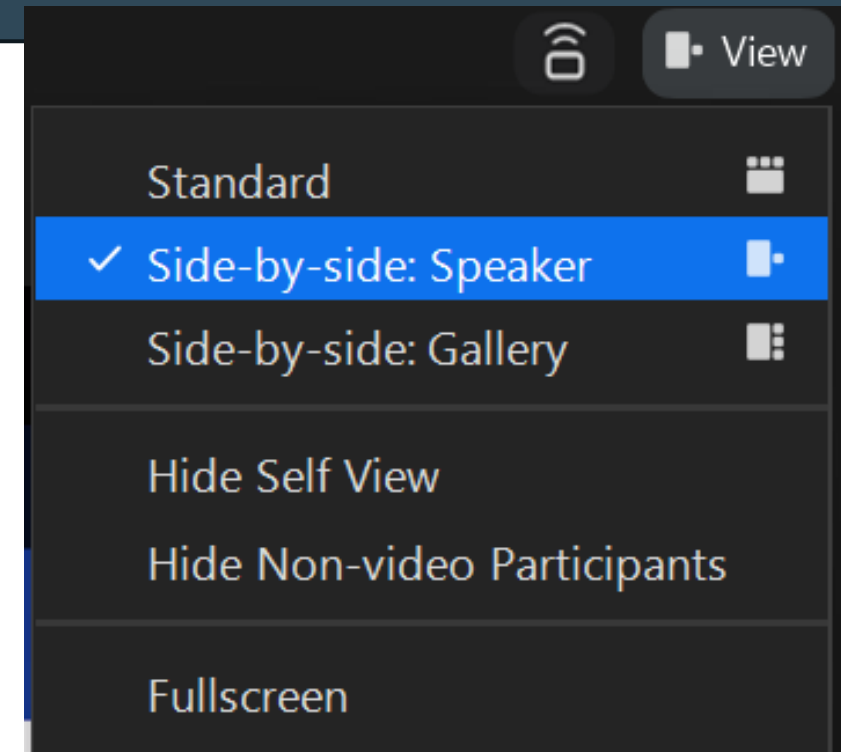
California Department of Technology

Housekeeping

Select Side-by-Side: Speaker Mode for the best viewing experience when slides are shared

Closed Captions English closed captions are available. Choose "CC closed caption" on your toolbar and select "show subtitle".

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Agenda

Welcome

Executive Report

Broadband for All Year in Review

Member Showcase

Community Spotlight

2026 Focus and Meeting Schedule

Public Comment

Closing



EXECUTIVE REPORT

Scott Adams

DEPUTY DIRECTOR

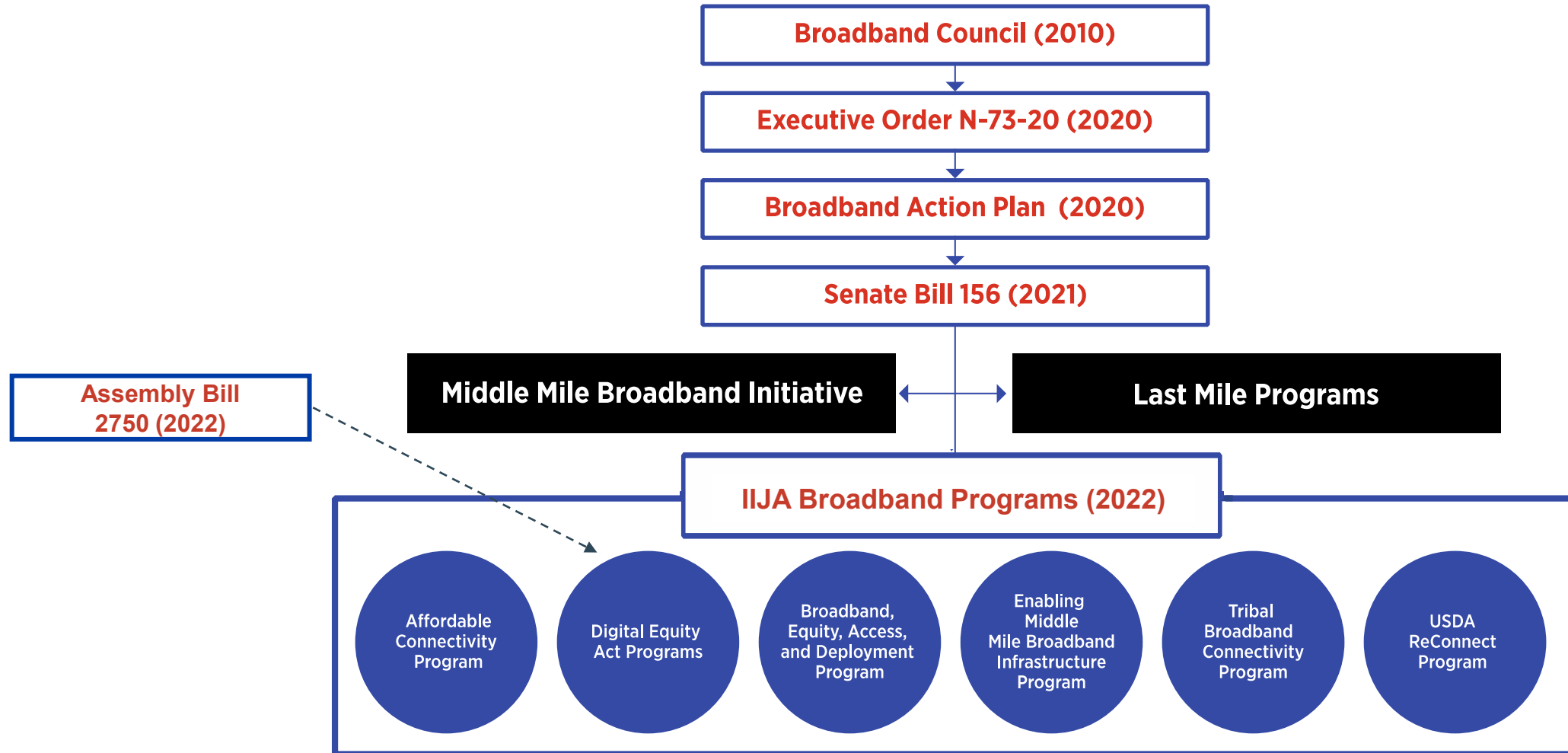
Office of Broadband and Digital Literacy
California Department of Technology

Executive Report

- Broadband for All Efforts
- Member Showcase
- Community Spotlight
- Digital Equity Plan
- Stakeholder Engagement



Broadband For All



BROADBAND FOR ALL Action Plan

GOAL 1:

All Californians have high-performance broadband available at home, schools, libraries, and businesses.

GOAL 2:

All Californians have access to affordable broadband and necessary devices.

GOAL 3:

All Californians can access training and support to enable digital inclusion.



BROADBAND FOR ALL YEAR IN REVIEW

Broadband Action Plan

Scott Adams

DEPUTY DIRECTOR

Office of Broadband and Digital Literacy
California Department of Technology

Action Item Highlights

**Action Item #6:
Permitting**

Local Broadband
Permitting v3

**Action Item #12:
LifeLine Program**

Standalone
Broadband Pilot

**Action Item #18:
Digital Inclusion
Stakeholder
Network**

12,000-plus

**Action Item #19:
Interactive
Broadband Map**

Serviceable locations
aligned with federal
maps/practices

**Action Item #21:
Broadband for All
Portal**

Site Expansion
(DERF, CalDEP,
MMBI)



BROADBAND FOR ALL YEAR IN REVIEW

Middle-Mile Broadband Initiative

Mark Monroe

DEPUTY DIRECTOR

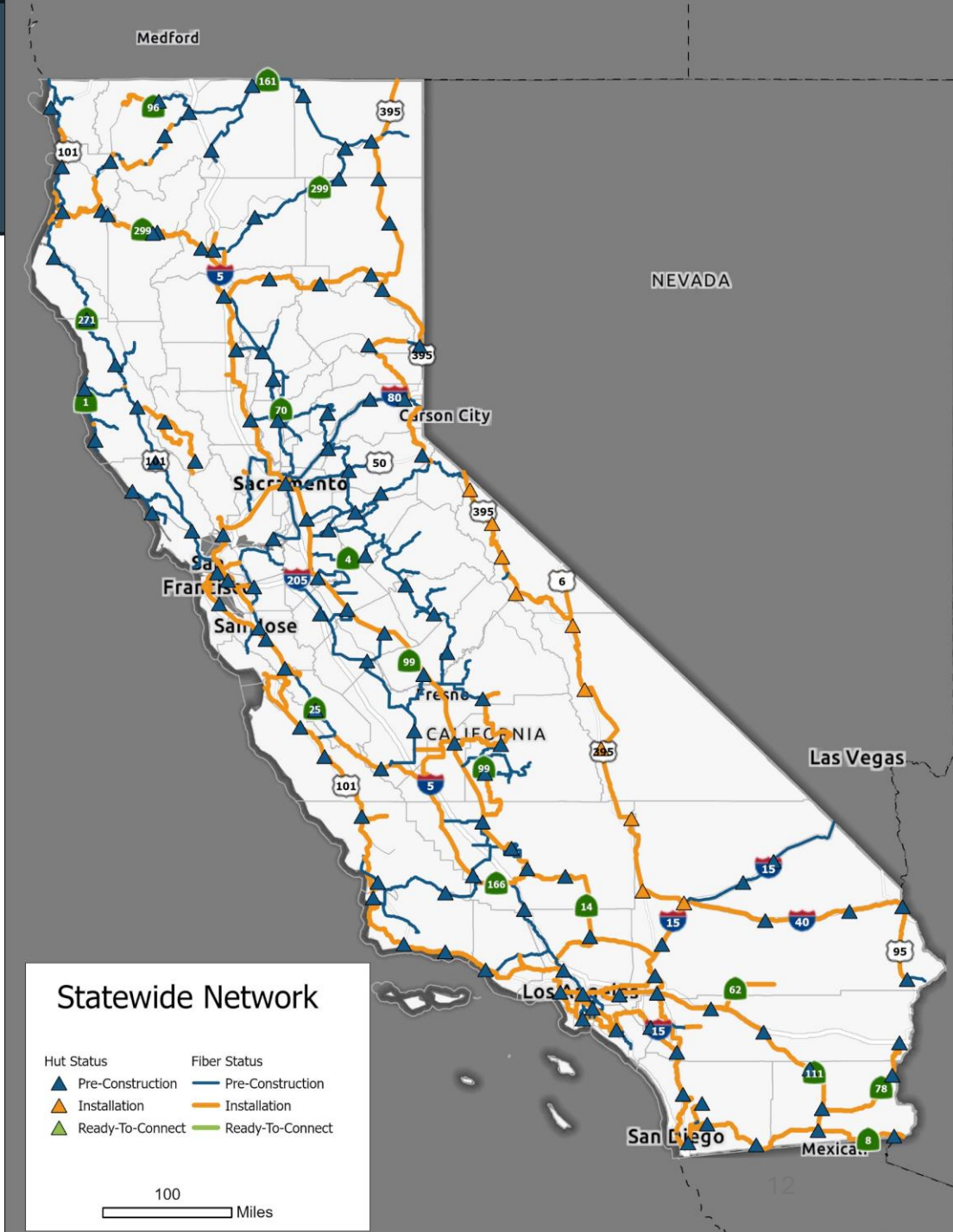
Middle-Mile Broadband Initiative
California Department of Technology

MIDDLE-MILE BROADBAND INITIATIVE

High Level Project Progress

4,351 Miles in Installation

- 1,387 miles of construction in progress
- 2,964 miles of construction completed
- 11 Huts Completed



Future Readiness & Operations

Early Operation by Q1 2026

- Digital 395

RFP for Operator

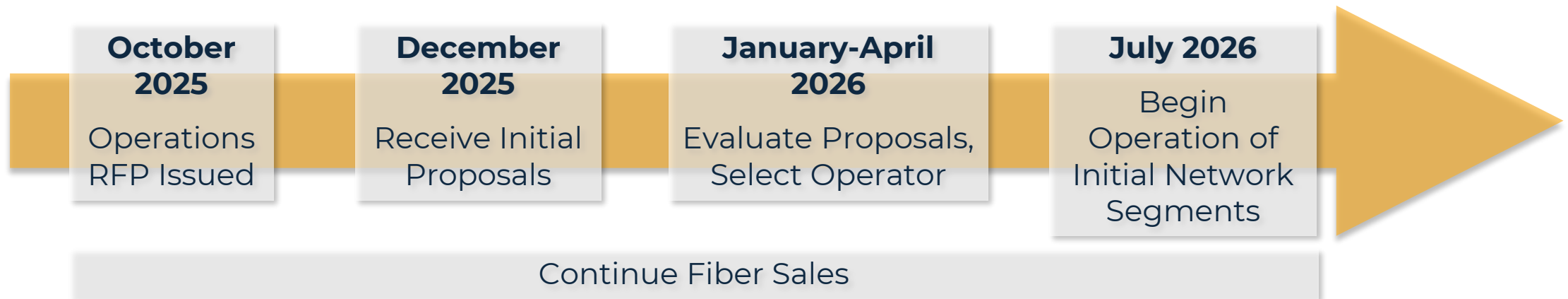
- Operations scheduled to begin on initial segments in July 2026



Operations Look Ahead

Middle-Mile Broadband Network Operator Key Functions

- 24/7/365 network monitoring
- Provision customer services
- Network engineering
- Incident/problem resolution
- Maintain electronics
- Monitor fiber and huts



New or Expanded Partnerships



Signed

Joint Build Partnerships

- American Dark Fiber expanded for construction
 - City of LA Bureau of Street Lighting (13 miles)
 - Gateway Cities Council of Governments (74 Miles)
 - Fort Bragg (4 Miles)

Government-to-Government

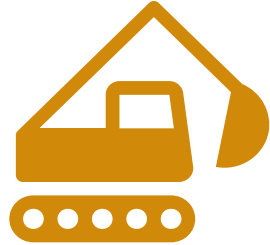
- Karuk Tribe (46 miles)
- Tolowa Dee-ni' Nation (Smith River) IRU/Lease agreement
- Coyote Valley Band of Pomo Indians Hut/Hub placement



Negotiating

Actively negotiating with 3 additional tribes

MIDDLE-MILE BROADBAND INITIATIVE Installation Updates



- **4,351 Miles** have gone to installation.
- **Of this, 2,964 Miles** of fiber installation has been completed.

As of 10/13/25	Total Miles	%	Permitted	%	Constructed	%
On Caltrans ROW	4,026	50%	1,499	37%	977	24%
Off Caltrans ROW	4,002	50%	3,273	82%	1,987	50%
Total MMBI Miles	8,028	100%	4,772	59%	2,964	37%



MMBN Hub Progress

MMBN HUBs

- Total: 139 hubs
- Total Installed: 11 hubs
- Planned Hubs to start construction in Q4 2025: 18



MIDDLE-MILE BROADBAND INITIATIVE

2025 Milestone Events

Vero Networks

Yurok Tribe

Hoopla Valley Tribe

Gateway Cities
Council of Governments

LA Bureau of Streetlighting



Federal Shutdown

Potential Impacts:

- Federal Permitting Still Needed for 693 Miles
- Working in limited capacity





BROADBAND FOR ALL YEAR IN REVIEW

Last Mile Program

Darcie L. Houck

COMMISSIONER

California Public Utilities Commission (CPUC)

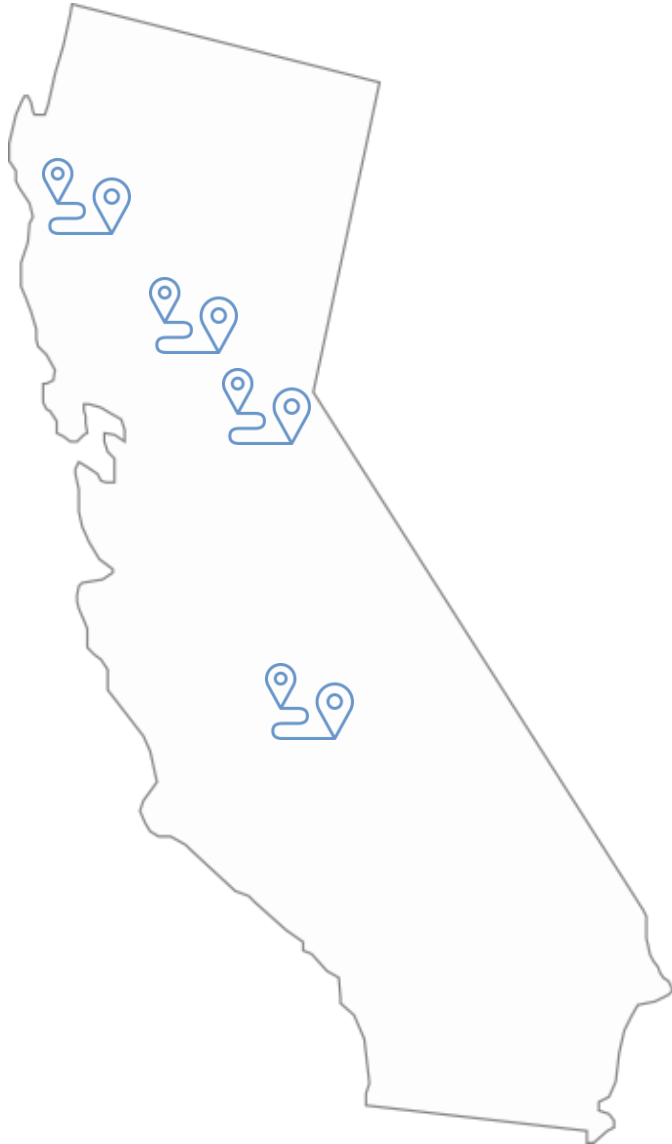
LAST MILE PROGRAM

Broadband Programs & Investments Overview

	Broadband Equity Access and Deployment (BEAD)	California Advanced Services Fund (CASF)	Loan Loss Reserve Fund (LLR)	Last Mile Federal Funding Account (FFA)
Amount	~\$1.86 billion	\$136 million for 2025-26	\$50 million	~\$2 billion (thru Fiscal Year 27-28)
Summary	Funds for planning, infrastructure and adoption starting in 2026	Funds broadband infrastructure and adoption in low-income housing, Tribal communities, and unserved areas	Provides collateral to local government, Tribes, and nonprofits to finance their own broadband Infrastructure	Funds for last-mile broadband infrastructure projects in every county
What's Next?	Implementing the BEAD Restructuring Policy Notice	Infrastructure, Line Extension, Tribal Tech Assistance, Adoption and Public Housing grant cycles	Awarded \$50 million	Evaluating 2nd Round Applications for Award

LAST MILE PROGRAM

Federal Funding Account Ground-Breaking Events



City of Placerville

- El Dorado County in August. To celebrate a project designed to provide competitive access from multiple service providers over the last-mile open access infrastructure to benefit all locations in the project area.

City of Chico

- Butte County in August. To celebrate the start of a city-owned municipal utility aimed at providing up to ten gigabit (10G) internet to underserved areas in the City of Chico.

Hoopa Valley – Humboldt County

- Humboldt County in August. The Hoopa Valley Tribe hosted a groundbreaking ceremony for the SB 156 Middle Mile Broadband Project. As the first Tribe in California to partner with the CDT on the joint build, this milestone advances digital equity and infrastructure in Tribal communities.

Fresno County

- Fresno County in August. To celebrate the groundbreaking of a project proposed to offer up to 5 gigabit (5G) internet to unserved locations in the county, including Fresno City College and Raisin City Elementary School.

LAST MILE PROGRAM

Building Last Mile Networks



City of Placerville-El Dorado County



AT&T- Fresno County



City of Chico-Butte County



AT&T- Fresno County



Hoop Valley-Humboldt County

LAST MILE PROGRAM

BEAD Restructuring Policy Notice

- NTIA approved a request from California to submit its Final Proposal on November 21, 2025, further maximizing the "Benefit of the Bargain (BOTB)"
 - Increase competition and drive down costs for taxpayers
 - Conduct an additional project application round for areas that CPUC could not award a priority application after 1st round
- Final Proposal will be available for public comment prior to Commission vote

Updates are posted to CPUC BEAD website regularly

BEAD 2.0 BOTB Round 2 Timeline

Event	Date
Prequalification	
Application opens	Tuesday, September 16, 2025
Application closes	Thursday, October 2, 2025, 6 p.m PST
Benefit of the Bargain Round 2 (Subgrantee Selection)	
Application reopens	Thursday, September 25, 2025
Application closes	Friday, October 3, 2025, 6 p.m PST
Resolution and Final Proposal issued for Public Comment	TBD
Final Proposal Submission	Friday, November 21, 2025

Other Broadband Achievements in 2025

- Issued first-ever Service Quality standards for Voice over Internet Protocol providers
- Issued Proposed Decision updating California Advanced Services Fund
 - Launches Tribal Broadband Consortia and expands eligible activities for Regional Broadband Consortia
 - Expands eligibility for Line Extension Program
 - Streamlines reporting in Adoption Account
- Reviewing Proposed Verizon-Frontier Merger
- Issued Staff Proposal revising Deaf and Disabled Telephone Program
- Held Workshops developing a record on the role of broadband in Carrier of Last Resort obligations



MEMBER SHOWCASE

Scott Adams

DEPUTY DIRECTOR

Office of Broadband and Digital Literacy
California Department of Technology

MEMBER SHOWCASE

Broadband for All Action Plan

GOAL 1:

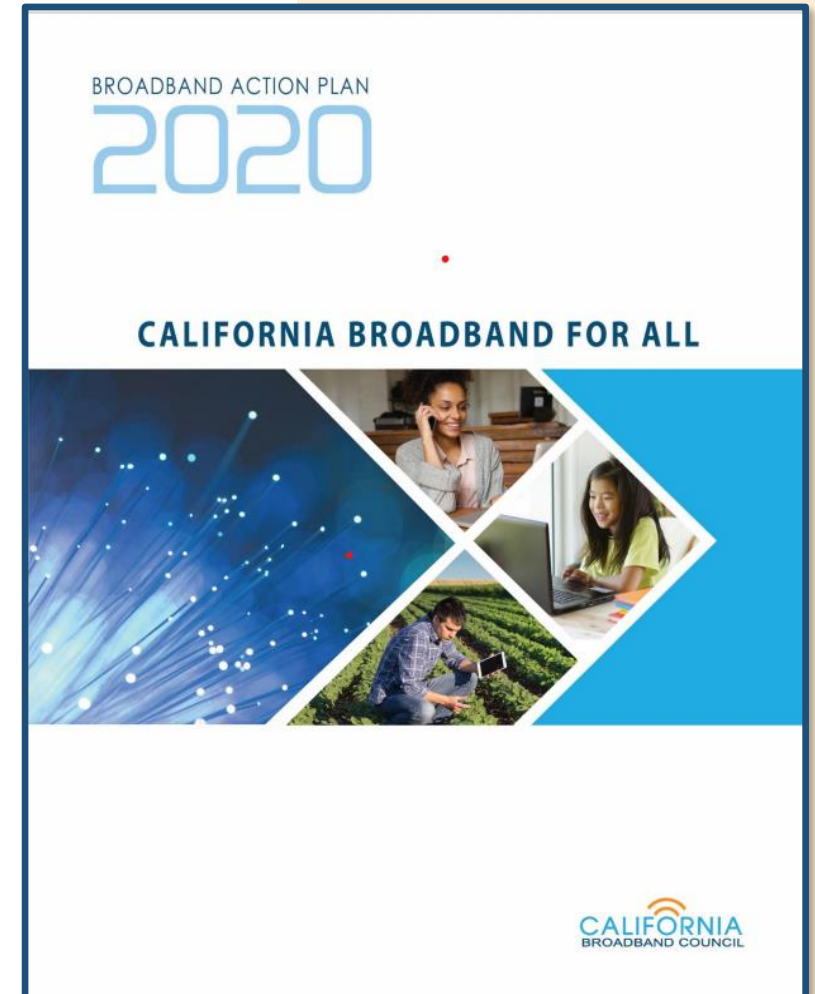
All Californians have high-performance broadband available at home, schools, libraries, and businesses.

GOAL 2:

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GOAL 3:

All Californians can access training and support to enable digital inclusion.





MEMBER SHOWCASE

LifeLine Home Broadband Pilot Program

Robert Osborn

**DIRECTOR, BROADBAND CONSUMER PROGRAMS &
CARRIER OVERSIGHT**

California Public Utilities Commission (CPUC)

MEMBER SHOWCASE

LifeLine Broadband Pilot

Program Overview | Fiscal Year 2025-26

California LifeLine Program provides discounted home phone and cell phone services to qualified households.

Target Population: 4.3 Million Eligible Californian Households



Participation

Active Program Users:

- 1.8M as of August 2025
 - 1.7M Wireless Service
 - 91K Wireline Service

Eligibility Methods:

- **Income-Based**
 - 150% of Federal Poverty Guideline
- **Program-Based**
 - CalFresh, Medicaid, Medi-Cal, WIC, etc....



Budget

Budget: \$528M

Projected Expenditure:

- \$502M Local Assistance
- \$26M State Operations



Staffing & Operations

Filled Positions vs. Authorized:

- 12 of 14 filled (86%)

Key Contractor:

- **Maximus** - Third-Party Administrator (TPA)

Partnerships:

- Dept. of Social Services
 - CalFresh
- Dept. of Health Care Services
 - Medi-Cal



Program Highlights

D.24-05-003

- Established Foster Youth Program

D.25-08-050

- Approved Home Broadband Pilot

LifeLine Broadband Pilot

The CPUC continues its efforts to help close the digital divide and address the Broadband affordability gap through the creation of the California LifeLine pilot program that will increase the amount of data provided to low-income households.

Three-year technology-neutral pilot program allows eligible consumers to apply their California LifeLine subsidy to any internet plan that meets the minimum service standards.

Subsidy Amount:

- \$20 subsidy for broadband service.
- \$30 for broadband service bundled with a wireline or wireless voice service through the same provider.
- Reimbursement for new connections, up to \$39, once per year per household.

Minimum Service Standard:

- 100/20 Mbps with 1,280 GB usage per month
- Exception for areas where 100/20 Mbps is not feasible
- Exception for low-cost plans

LifeLine Broadband Pilot

Program Goal: Increase provider participation rate and increase overall California LifeLine subscriber participation.

Target Launch Date: January 26, 2026

Allow Internet Service Providers to participate, including:

- Federal Funding Account (FFA)
- California Advanced Services Fund (CASF) Broadband Infrastructure Grant
- Digital Infrastructure and Video Competition Act (DIVCA) Franchise Holder

Challenges:

- Non-traditional LifeLine providers (e.g., ISPs, local government agencies, municipalities)
 - Certificate of Public Convenience and Necessity (CPCN) or Wireless ID Registration(WIR)
- Ability to file advice letter
- Ability to process claims electronically (eCAP)

Next Steps:

- System development to include standalone home broadband service
- Develop electronic process for claims
- Establish Registration Process for providers without CPCN and WIR
- Determine onboarding requirements
- Determine reimbursement process
- Draft Resolution with guidance



MEMBER SHOWCASE

California Digital ID

Anirban Sen

**SENIOR PRODUCT LEAD,
PLANNING & PRODUCT MANAGEMENT**

California Department of Technology (CDT)

California Digital ID

Mission

To provide every eligible person with easy, secure, privacy-preserving access to all of California's digital government services.

Principles

- World-class security
- Privacy-by-Design
- Access and Equity
- Openness and Transparency



CA Digital Identity

- ✓ I am who I say I am.

- ✓ I have the attributes that makes me eligible for this benefit.

MEMBER SHOWCASE

California Digital ID – Advantages of Digital Verification

People can access benefits like they access everything else - through the internet.

- Common login information for many different benefits programs
- Access at any time, from any place

Government programs are more secure and operate with more data at less risk.

- Interoperable, replicable verification procedures
- Access to more identity providers and information sources



MEMBER SHOWCASE

California Digital ID

California Identity Gateway

A CDT-developed tool that helps state agencies streamline the applicant eligibility verification process.

The gateway securely connects program departments with identity providers to authenticate applicants, and to data providers for applicant eligibility data.

California Digital ID

Why the need for the Identity Gateway?

- Cost and complexity for state agencies to verify applicant eligibility
- Lack of data sharing of applicant data across state agencies means duplication of effort
- Barriers for applicants providing duplicate eligibility data for state programs with similar eligibility requirements
- PII exposure and data security risk from inconsistent treatment and separate storage of applicant data at each agency

MEMBER SHOWCASE

California Digital ID

The Identity Gateway is able to provide the following information:

Derived Attributes* (Y/N)	Inputs (PII**) needed to receive attributes:	Data Source
Age category, e.g., 65 or older, 17 or younger, etc.	Birthdate	Calculated from birthdate
Is a veteran , (service-related disability and additional service details in pipeline)	Name, Birthdate, Address	Veterans Affairs
Is a CalFresh recipient	Name, Birthdate, Last 4 SSN	CalFresh
Is a Medicare enrollee, Is permanently disabled	Direct user login through Medicare.gov	Medicare

*This is a sampling of available attributes. Based on available PII, new/custom attributes can be derived.

**PII is received from the identity provider (Login.gov or other) after user authentication and consent

MEMBER SHOWCASE

California Digital ID – What We’ve Built

Which transit benefit would you like to enroll in?

- ☐ **Medicare Cardholder**
You must be [currently enrolled in Medicare](#)🔗.
- ☐ **Older Adult**
You must be 65 years or older. You will need to verify your identity with **🇺🇸 LOGIN.GOV**🔗.
- ☐ **CalFresh Cardholder**
You must have [recently received CalFresh funds](#)🔗. This transit benefit will remain active for one year. You will need to verify your identity with **🇺🇸 LOGIN.GOV**🔗.
- ☐ **U.S. Veteran**
This option is for people who have served in the active military, naval, or air service, and who were discharged or released therefrom under conditions other than dishonorable. You will need to verify your identity with **🇺🇸 LOGIN.GOV**🔗.

Service integrations to:

- **🇺🇸 LOGIN.GOV** for identity proofing
- **CalFresh** for income eligibility verification
- **VA**  U.S. Department of Veterans Affairs
Veterans Health Administration for veterans' status verification
-  **Medicare** for cardholder status and limited disability verification

MEMBER SHOWCASE

California Digital ID

[Official California website](#) ▾



[< Go back to vital records home](#)

Replacement birth record

We received your request

We'll process your request within 1-2 business days and notify you by email once it's complete. If you have any questions about your order, you can reach out to us at:

Phone: [\(916\) 445-2684](tel:(916)445-2684)

Email: SOEVitalRecords@cdph.ca.gov

If you're done, sign out below or [request another birth record](#).

Sign out of  LOGIN.GOV

State of California – Health and Human Services Agency

California Department of Public Health

APPLICATION FOR CERTIFIED COPY OF BIRTH RECORD FOR STATE OF EMERGENCIES

Copy Type: **WILDFIRE**

Wildfire Name: **Palisades**

- CERTIFICATE TYPE:**
- ☒ I am requesting an AUTHORIZED COPY (notarized sworn statement required)
 - ☐ I am requesting an INFORMATIONAL COPY

Part 1 - Relationship to Person on Certificate (Registrant): Check appropriate box.

- ☒ The registrant or a parent, legal guardian, child, grandparent, grandchild, sibling, spouse, or domestic partner of the registrant. (Legal guardian must provide documentation.)
- ☐ A party entitled to receive the record as a result of court order or an attorney or licensed adoption agency seeking the birth record in order to comply with the requirements of Section 3140 or 7603 of the Family Code. (Please include a copy of the court order.)
- ☐ A member of a law enforcement agency or representative of another governmental agency, as provided by law, who is conducting official business. (Companies represent a government agency must provide authorization from the government agency.)
- ☐ Any person or agency empowered by statute or appointed by court to act on behalf of the registrant or the registrant's estate. (Include a copy of the power of attorney or documentation identifying you as executor.)
- ☐ An attorney represent the registrant or the registrant's estate.

Number of Copies **1**

Part 2 - Birth Record Information: Complete the information below as shown on the birth record.

FIRST Name Bruce	MIDDLE Name Thomas	LAST Name Wayne
County of Birth Nevada	Date of Birth - MM/DD/YYYY 08/01/2000	
Parent FIRST Name Thomas	Parent LAST Name at Birth Wayne	

California Digital ID

Feedback from Californians

"A few years ago, my birth record got lost in a house fire and I had to re-request it...I wish I could have just done this."

"I was surprised by how simple this was...compared to in-person, this is just paradise."

We tested the prototype with Californians in the fire affected area. Our findings confirmed the tool was highly usable, trustworthy, and a meaningful improvement over the status quo.

Insights at a glance

- 100% completed the process successfully
- Our flow was described as **faster**, **easier**, and **more secure** than the current method
- Users estimated this process **would save them days or even weeks**
- 100% had high trust in government branded services, including Login.gov



MEMBER SHOWCASE

DigitalLearn & California Green Technology Initiative

Sunne Wright McPeak

PRESIDENT & CEO

California Emerging Technology Fund (CETF)

MEMBER SHOWCASE

CETF Digital Equity Ecosystem – 12 Components

**Integrated Services that Optimize the Effectiveness of Each Component in Sequence
Economic Efficiencies Are Achieved When Delivered at Scale Statewide**

- Direct Notification to Drive Enrollment in Affordable Internet Service
- Call Center to Enroll Households by CBOs In-Language and In-Culture
- Recruitment and Training of Digital Navigators
- Digital Literacy Training by CBO Digital Navigators (Synchronous) with Proficiency Assessment
- Outreach In-Language and In-Culture by CBO Trusted Messengers
- **Online Digital Literacy Resources (Asynchronous) with Proficiency Assessment**
- **Affordable Computing Devices (Green Technology Initiative)**
- In-Person Enrollment Events
- Public Awareness Advertising
- Tech Support
- Grant Management
- Evaluation

MEMBER SHOWCASE

DigitalLearn - Digital Literacy Training

Public Library Association Platform + CETF Companion Assessment Website

- Developed as a Digital Inclusion Program in CETF-T-Mobile Public Benefits MOU
 - English: 29 Courses, 130 Lessons
 - Spanish: 23 Courses, 127 Lessons
 - AI courses and Vietnamese translation in development
- URL: getconnected.digitallearn.org

Self-Assessment Website and Data Collection on <10,000 Participants

- \$25 Stipend
- Self-Assessment > Recommended Courses > Post-Self-Assessment
- URL: myinternetlearning.com and aprendamosenlinea.com

MEMBER SHOWCASE

DigitalLearn - Digital Literacy Training

Highlights

- 4,530 people completed Pre-Self-Assessment
- 330 people completed courses and Post-Self Assessment
- Get Connected Call Center screens enrollees for Digital Literacy Training Resources

Key Findings

- Similar proficiency gains to synchronous training

Participant Feedback

- 98% rated DigitalLearn “Very Helpful” or “Helpful”
- 99.6% would recommend it

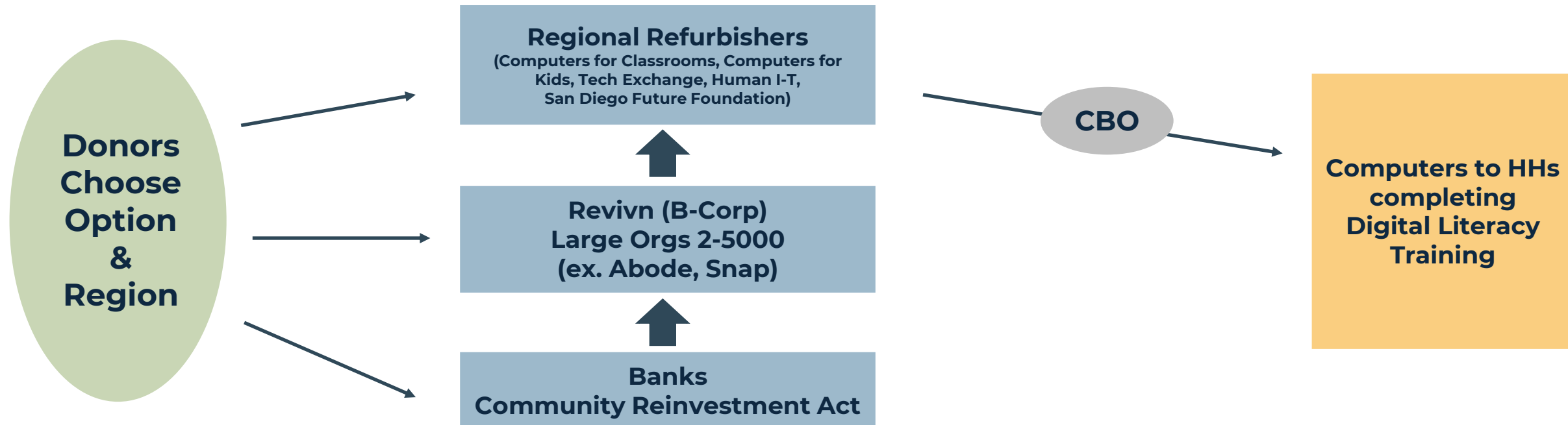
MEMBER SHOWCASE

California Green Technology Initiative

Win-Win for the Environment and Digital Equity

- Decrease number of retired devices being dismantled/shipped offshore.
- Increase number of refurbished / donated to low-income HHs

How it works



MEMBER SHOWCASE

Green Technology Initiative Launch – June 2025



“California is once again proving that we can lead on climate, equity, and innovation – all at once. Supporting the implementation of the California Broadband Council’s State Broadband Action Plan, the Green Technology Initiative shows how California’s businesses turn yesterday’s tech into tomorrow’s opportunity – closing the digital divide and cutting e-waste while building a cleaner, more connected future for all.”

-Governor Gavin Newsom

MEMBER SHOWCASE

California Green Technology Initiative



**Video of CDT Director and State CIO
Liana Bailey-Crimmins**

California Green Technology Initiative

Call to Action:

- CBC / CDT serves as “umbrella” for mobilization.
- Encourage State Agencies to dedicate retired computing devices.
- Collaborate on statewide/regional awareness campaign.



MEMBER SHOWCASE

Artificial Intelligence in K-12 Schools

Mary Nicely

DEPUTY SUPERINTENDENT OF INFORMATION & TECHNOLOGY

California Department of Education (CDE)

Artificial Intelligence in K-12 Schools

Overview

- AI Guidance "[Learning with AI, Learning about AI](#)" released September 2023
- AI Resource Kit and Webinar Series to accompany guidance available on CDE website
- AI Working Group - SB 1288 (Becker) 2024. Update guidance and create model policy

MEMBER SHOWCASE

Artificial Intelligence in K-12 Schools

AI Resource Kit and Webinar Series

April 2024



ARTIFICIAL INTELLIGENCE

LEARNING WITH AI
LEARNING ABOUT AI



FUNDAMENTAL SKILLS FOR EDUCATORS & STUDENTS

- Safe Use**
Review AI data collection, user privacy
- Pros Cons**
Leverage AI capabilities, critique inaccuracies
- Social Impacts**
Consider presence of bias, societal impacts of AI
- Demystify**
Build understanding of how AI systems work

MEMBER SHOWCASE

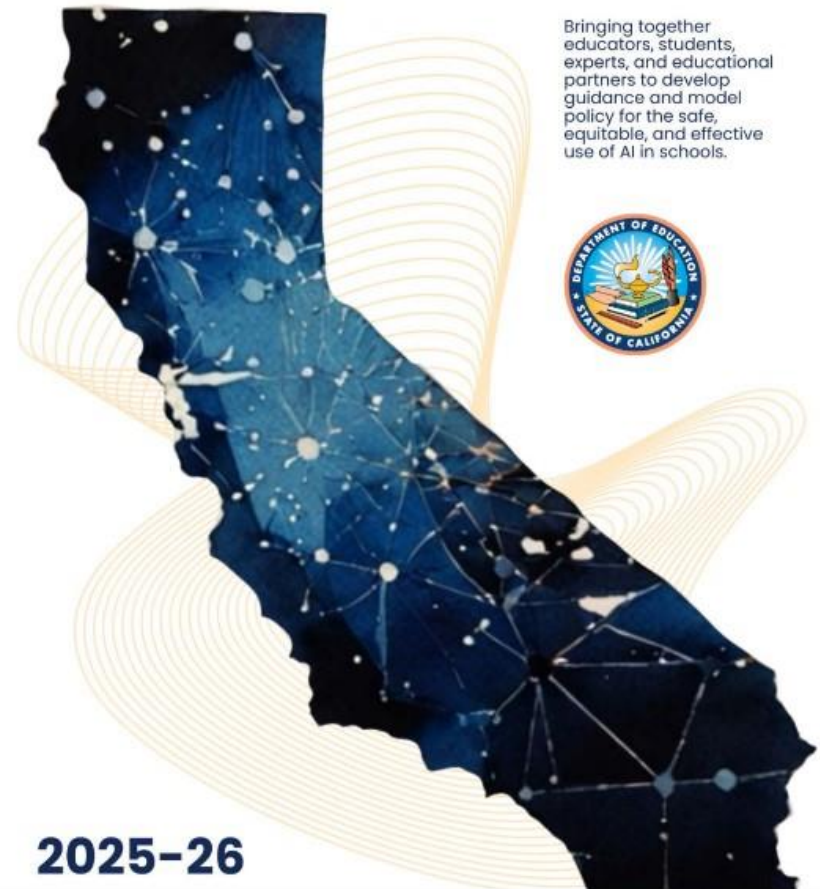
Artificial Intelligence in K-12 Schools

AI Working Group SB 1288 (Becker) Update guidance and create model policy

August 2025



CA Public Schools: Artificial Intelligence Working Group





COMMUNITY SPOTLIGHT

Tribal Broadband Bootcamps

Matthew Rantanen

BOARD PRESIDENT

Waskawiwini

Tribal Broadband Bootcamps

Waskawiwin is a 501(c)3 non-profit company partnering with Tribes developing Tribal broadband. Purpose is to provide training and education to support the building and maintaining high-speed networks for Indigenous communities

Overview

- 3-day extensive learning experience
- Fiber and wireless training (building crucial pieces of those technologies)
- Network maintenance & troubleshooting
- Digital inclusion resources
- Tribal broadband case studies
- Professional development opportunities
- Valuable connections and network
- Direct learning from experienced network operators, industry professionals, and broadband experts
- Full travel and lodging support available
- All meals during the bootcamp covered

COMMUNITY SPOTLIGHT

Tribal Broadband Bootcamps



Tribal Broadband Bootcamps

Impact (to date)

- 19 Tribal Broadband Bootcamps
- 450+ people
- Over 85+ tribes

Next Bootcamp (20th Event)

- November 3-6
- RantanenTown Ranch near Aguanga, California

How TBBs are funded:

Made possible with support from host Tribes, and from the Institute for Local Self-Reliance, CALIX, MERIT, Ford Foundation, Democracy Fund, TribalResourceCenter.net, and several others over the last 4 years.



2026 FOCUS AND MEETING SCHEDULE

Scott Adams

DEPUTY DIRECTOR

Office of Broadband and Digital Literacy
California Department of Technology

2026 Focus and Meeting Schedule

Staff Recommendation:

- Annual Action Plan Review and Revision
- Broadband for All Initiatives
- Member and Community Spotlights
- Quarterly Meetings (4th Fridays of the month)
 - January 23
 - April 24
 - July 24
 - October 23



PUBLIC COMMENT



Broadband for All

THANK YOU!

Sign up:

Broadband for All Email Update



Next CBC Meeting:

Friday, January 23, 2026

9:30 am – 11:30 am

Website:

BroadbandForAll.cdt.ca.gov

Contact:

CABroadbandCouncil@state.ca.gov



Broadband for All