



**BROADBAND  
FOR ALL**

# California Broadband Council

**OCTOBER 12, 2022**





# AGENDA

- Welcome
- OBDL Executive Report
- Broadband for All Year in Review
  - Action Plan Review
  - Middle-Mile Broadband Initiative Review
  - Last-Mile Programs Review
  - Broadband Adoption Review
- NTIA IIJA Programs (SDEP & BEAD Next Steps)
- 2023 Council Focus
- Public Comment

**WELCOME**

**Liana Bailey-Crimmins**

**Director**

**California Department of Technology**

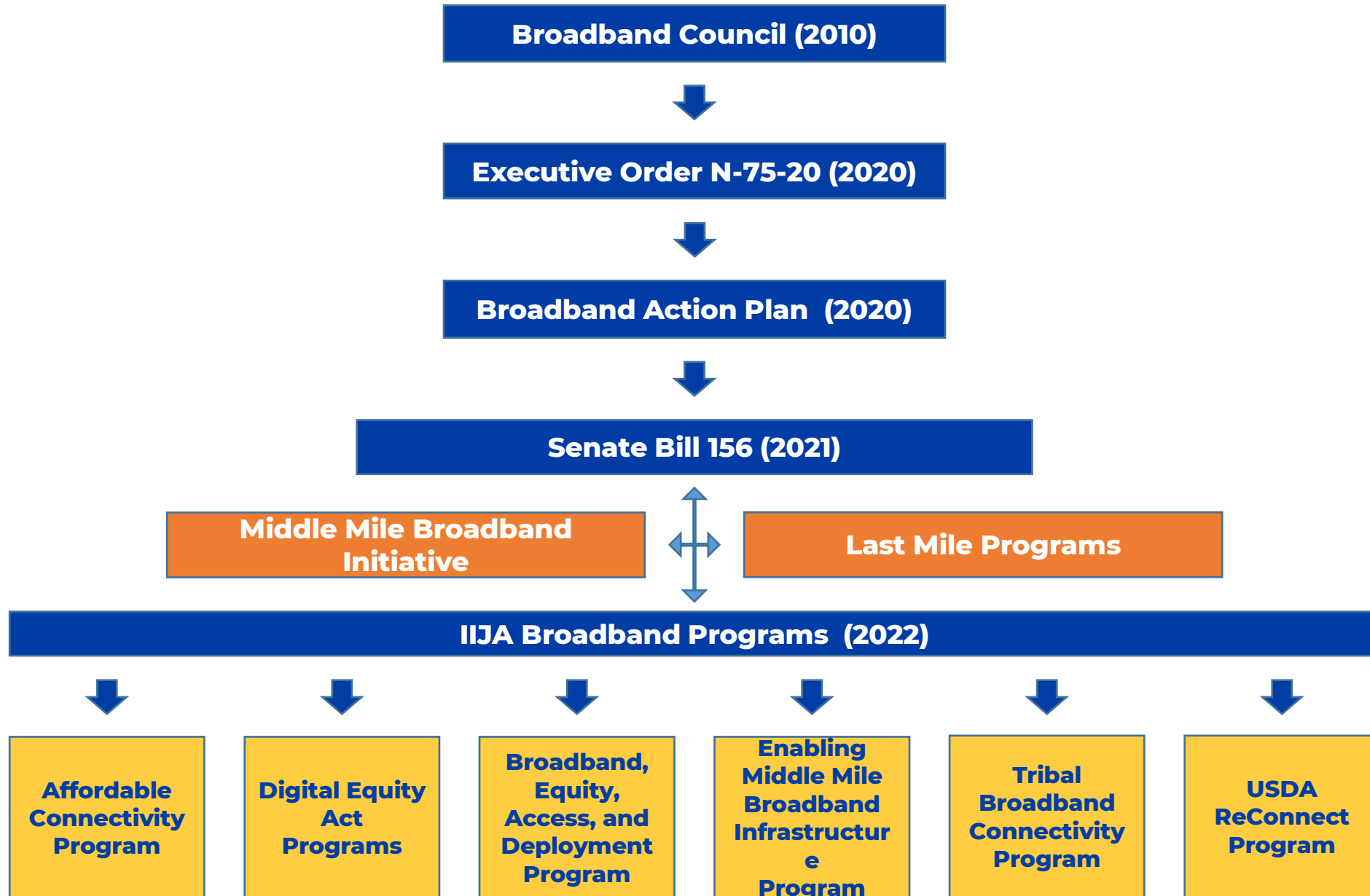
# **Scott Adams**

**Deputy Director  
Broadband & Digital Literacy**

## **Work plan update**

- **Broadband for All Efforts**
- **Monthly Action Plan Working Sessions**
- **Partner and Stakeholder Engagement**
- **Federal IIJA Broadband Programs**

# BROADBAND FOR ALL



# NEW TEAM MEMBERS

## Department of Technology



**Anh Q. Nguyen**  
**Broadband Engagement & Operations Manager**

## NTIA California Team



**Susan E. Walters**  
**Regional Director, West**  
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**California State Lead**  
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**Broadband Program Specialist**  
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# **Scott Adams**

**Deputy Director  
Broadband & Digital Literacy**



## Progress

- Annual Action Plan Revisions and Update (March 2)
- Short-term Action Item Updates (May 25)
- Long-term Action Items Updates (July 27)
- IJJA Broadband Programs

## Highlights

### Action Item #5

- Broadband projects permitting process
- Broadband accommodations policy

### Action Item #6

- Local Permitting Playbook and Roundtable
- Programmatic agreements and resources with state agencies for MMBI

### Action Item #9

- Leveraged state contracting and procurement for MMBI

### Action Item #15

- Connections, Health, Aging and Technology (CHAT)
- Access to Technology (ATT)
- Digital Connections (DC)

### Action Item #16

- Launched low-cost offer finder and ACP enrollment tracker on Portal
- Statewide ACP mobilization
- State agencies and ISP coordination

### Action Item #18

- Established 2000+ stakeholder network
- Hosted 4 Broadband for All Roundtables
- Conducted briefings and consultations

### Action Item #21

- Launched Broadband for All Portal

### Action Item #24

- Surveyed agencies and entities on the integration of broadband in their strategic plans

## Next Steps

### Build on Existing Initiatives

- **Expand layered network of digital inclusion stakeholders, coordinate initiatives**
- **Statewide ACP mobilization**
- **Promote local funding opportunities in coordination with CPUC**
- **Provide technical assistance to maximize federal funding opportunities**

### SDEP and BEAD Coordination

- **Broadband for All and Digital Equity and BEAD Kickoff: October 24<sup>th</sup>, 2022**
- **Leverage progress to support Digital Equity and BEAD plans**
- **Leverage SDEP and BEAD planning to support Action Item completion**

## Legislation

- **AB 2749 (Quirk-Silva): Communications: California Advanced Services Fund.**
- **AB 2750 (Bonta): Department of Technology: state digital equity plan.**
- **AB 2752 (Wood): Broadband infrastructure and video service: mapping: subscriber information.**
- **SB 717 (Dodd): Department of Technology: broadband communications: report.**

**Mark Monroe**

**Deputy Director**

**Middle-Mile Broadband Initiative (MMBI)**

# MIDDLE-MILE BROADBAND INITIATIVE REVIEW



## MMBI Recap

- **2021 Budget Act and SB 156 appropriated \$6B in ARPA funding for broadband, including \$3.25B to CDT to develop a statewide open access MMBI network.**
- **CDT has contracted with GoldenStateNet, Caltrans, and PUC for their roles.**
- **PUC completed its public proceeding in August and September of 2021.**
- **18 initial project segments making up more than 850 miles around the states were identified in November 2021, and Caltrans has since begun preconstruction on these segments.**

# MIDDLE-MILE BROADBAND INITIATIVE REVIEW

## **This Year:**

- **CDT finalized a 10,000-mile network map, combining PUC's work and GSN's design.**
- **GSN has also developed a preliminary map of infrastructure potentially available for IRU/leases.**
- **CDT signed two procurement contracts for 3000 miles or more of fiber and related materials.**
- **CDT has worked with Caltrans and state permitting agencies to streamline the permitting processes by using programmatic permits and adding staff.**
- **Currently finalizing an approach with the federal lands agencies for securing construction access for the MMBI project.**





# MIDDLE-MILE BROADBAND INITIATIVE REVIEW

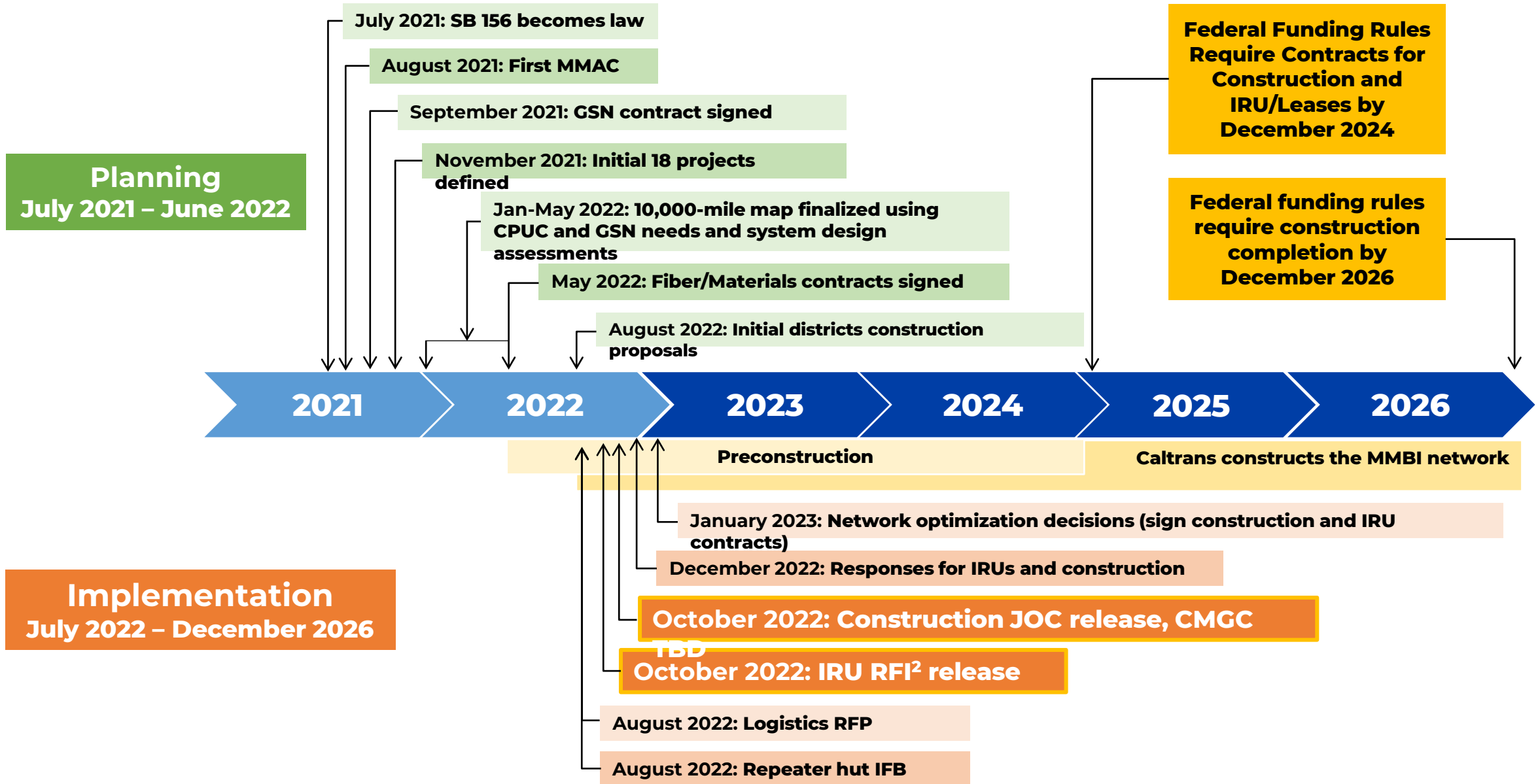


## Looking Ahead:

- **Caltrans has been working on the initial 18 and “dig smart” projects, and plans to install the first fiber in the network along SR 67 on October 13.**
- **Caltrans is going out to bid for construction contracts on more than half of the network in October.**
- **CDT has just gone out to bid for IRU/leases, joint-build opportunities, purchase of existing infrastructure, and colocation.**
- **With both bids coming in by December, CDT anticipates making key decisions regarding the broader network starting in January 2023.**



# MIDDLE-MILE BROADBAND INITIATIVE REVIEW



**Darcie L. Houck**

**Commissioner**

**California Public Utilities Commission**

## Summary

### COMPLETE

- **Local Agency Technical Assistance Program Rules and Initial Awards**
- **Historical CASF Program Updates (Adoption, Consortia, Public Housing)**
- **Federal Funding Account Rules**

### IN PROGRESS

- **Receiving Comment on Loan Loss Reserve Program Proposed Rules**
- **Development of Federal Funding Account Priority Areas**
- **CASF Infrastructure Grant Account Rules Update**
- **Broadband Equity, Access, and Deployment Program development**

### 2023 FOCUS

- **Adopt Final Rules and Issue Awards for the Loan Loss Reserve Program**
- **Issue Federal Funding Account Awards**
- **Issue Infrastructure Grant Account Awards**
- **Broadband Equity, Access, and Deployment Program implementation**

## Progress and Highlights

### Local Agency Technical Assistance Awards

- Final rules adopted in February 2022
- 54 applications received since August 1, requesting ~\$25 million of the total \$50 million program budget

### Historical CASF Account Program Awards

- Adoption Account, updated rules and 2022 awards
- Public Housing Account, updated rules and 2022 awards
- Regional Consortia Account, updated rules and 2022 awards



*Community members flip the switch, turning on the new broadband network to serve the San Jerardo Housing Cooperative, a CASF grant recipient.*

## Next Steps

### Loan Loss Reserve Program

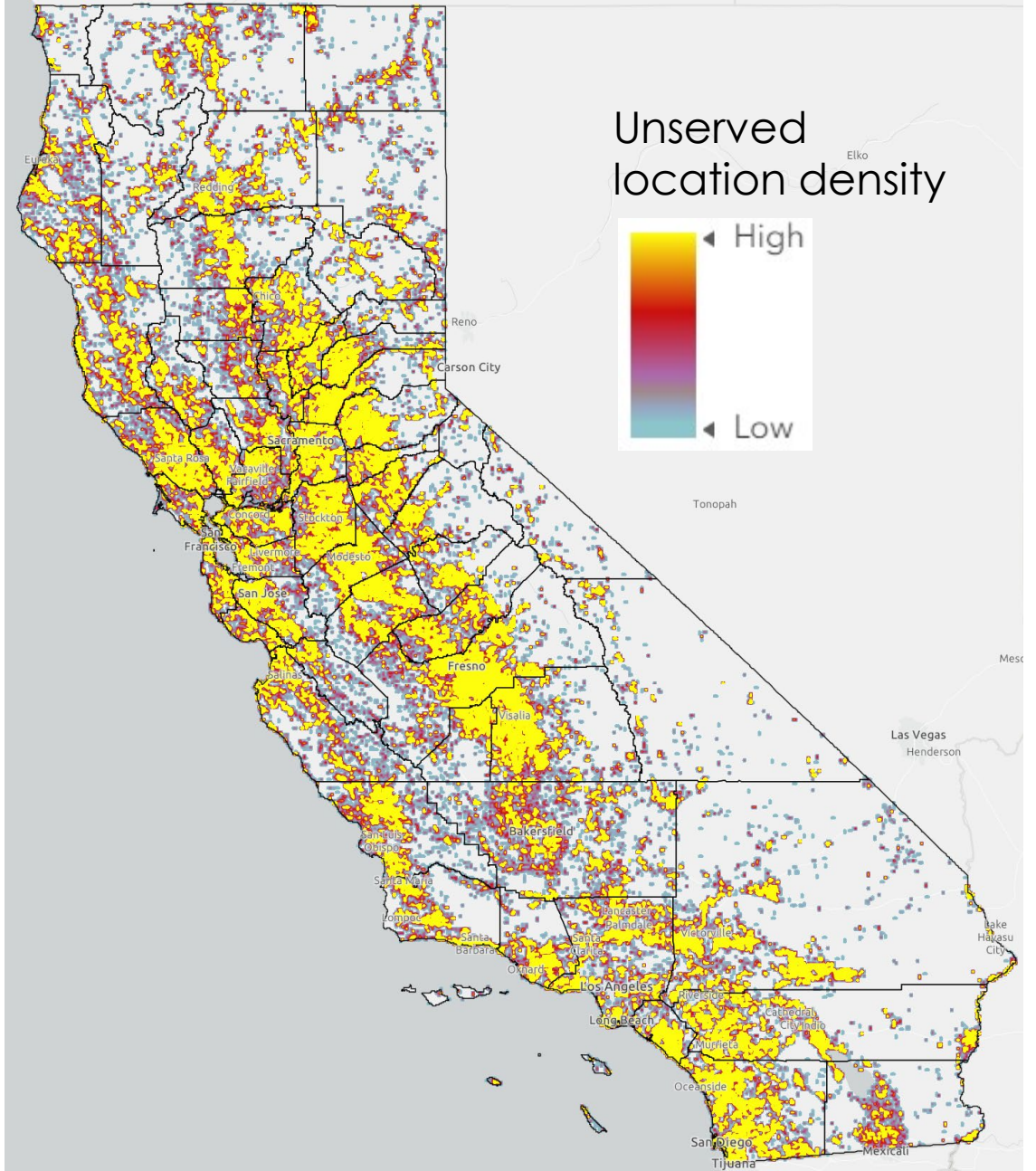
- **Adopt final program rules (Q1 2023); open first round application cycle**

### Federal Funding Account

- **Finalize Priority Areas; open first round application cycle**

### Broadband Equity Access & Deployment (BEAD) Program

- **Continue development of 5 Year Action Plan, Initial and Final Proposals**



**Sunne Wright-McPeak**

President and CEO

**California Emerging Technology Fund**



## Progress

### COMPLETE

- **IOU Outreach to 1.96M CARE Customers**
- **Coordinated state and local effort to promote ACP**
- **Statewide mobilization events**
- **State Agency and ISP Monthly Coordinating Meetings**

### IN PROGRESS

- **Secure partnership from additional state and local agencies and ISPs**
- **Ongoing mobilization events**
- **Developing persistent and ongoing outreach and awareness strategies and tactics**

### 2023 FOCUS

- **Leverage State Digital Equity Planning process to continue promotion of ACP**
- **Identify barriers and develop solutions to increase enrollment**
- **Develop recommendations for consideration in State Digital Equity Plan**

## Progress and Highlights

### California Broadband Council Goals:

- **90% Enrollment of ACP-Eligible Households by 2024**
- **1,723,664 HHs enrolled in ACP as of 10/10/22**
- **29% of 5,844,797 ACP-eligible HHs**

### Statewide ACP Mobilization Get Connected! California

#### August 2022

- **CDE distributed SPI Thurmond letter to all Districts and COEs**
- **CSAC reached out to all 58 Counties; SCAG and SANDAG encouraged engagement**
- **25 ACP Enrollment Events on August 27: >1,000 participants; 650 applications; 260 surveys; 183 Chromebooks; 64% qualified through Medi-Cal; ISPs supported enrollment events**

#### October 2022

- **California Department of Health Care Services Sent ACP Fliers to 8M Medi-Cal HHs**
- **State Librarian Greg Lucas Wrote an OpEd; State Library is Reaching Out to Libraries**
- **ACP Enrollment Events Being Organized for October 22 with Targeted Media**



## Next Steps

### **Distribute Information to All ACP-Eligible HHs**

- **Support Results of Dept. of Health Care Services Distribution to 8M Medi-Cal HHs**
- **Coordinate with CSAC to Secure Commitments from Counties to Notify ACP-Eligible HHs**
- **Work with CDE, SPI Thurmond to engage COEs to Notify NSLP Students-Parents**
- **Engage Higher Education Systems to Notify Pell Grant Students (such as CCCCD)**
- **Use Publication of State Librarian Lucas's OpEd to Engage More Libraries**

### **Organize and Support ACP Enrollment Events for October 22**

- **Recruit ACP Enrollment Event Hosts and Confirm Teams**
- **Partner with California Volunteers**
- **Work with ISPs to Provide Computing Devices and Food for Enrollment Events**

### **FCC Grant to Promote Awareness and Support ACP Enrollment**

# **Scott Adams**

**Deputy Director, Broadband & Digital Literacy  
Department of Technology**

# **Rob Osborn**

**Director, Communications Division  
California Public Utilities Commission**

# **SDEP APPROACH: FUNDING, PROCESS AND OUTCOMES**

- **CDT will receive a Digital Equity planning grant from the NTIA**
- **CDT will have one year to develop the SDEP**
- **CDT will conduct 52-week planning process**
- **CDT will focus on digital equity outcomes aligned with the state's broader priorities**
- **CDT will coordinate with CPUC on BEAD Planning**
- **Final plan will shape future federal funding**

# SDEP PLAN REQUIREMENTS: COVERED POPULATIONS

The Digital Equity Act prioritizes investments for eight “Covered Populations”

**1** Individuals in covered households  
income at or below 150% Federal Poverty Level

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**2** Aging individuals

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**3** Incarcerated individuals  
other than individuals who are incarcerated  
in a Federal correctional facility

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**4** Veterans

**5** Individuals with disabilities

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**6** Individuals with language barriers  
including individuals who are English learners  
and have low levels of literacy

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**7** Members of a racial or  
ethnic minority group

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**8** Individuals who primarily  
reside in a rural area

From NOFO: <https://broadbandusa.ntia.doc.gov/sites/default/files/202205/DE%20PLANNING%20GRANT%20NOFO.pdf>

From IIJA Statute: <https://www.congress.gov/117/plaws/publ58/PLAW-117publ58.pdf>

# **SDEP APPROACH: PLANNING COMPONENTS**

**CDT's planning process will consist of five components designed to meet the goals of the Digital Equity Act:**

- 1. Statewide Planning Group**
- 2. Outcome Area Working Groups**
- 3. California Digital Equity Survey(s)**
- 4. Local and Regional Outreach Events**
- 5. Statewide Public Engagement**

## Summary

### COMPLETE

- **BEAD Letter of Intent Submitted (July 1)**
- **BEAD Initial Planning Funds application submitted (August 12)**
- **Initial Planning Funds application under review (September 1)**

### IN PROGRESS

- **Collaborating with CDT on Digital Equity outreach planning**
- **Drafting scope of work for 5-Year Action Plan activities**
- **Federal Communications Commission Bulk Fabric Challenge**

### 2023 FOCUS

- **1Q-2Q: Scoping BEAD last-mile grant program into a proceeding**
- **2Q-3Q: NTIA Announces BEAD allocation**
- **2Q-3Q: Complete 5 Year Action Plan**
- **3Q-4Q: Submit BEAD Initial Proposal**

## Progress and Highlights

### Initial Planning Funds

**Aug. 12 – CPUC submitted application for \$5M BEAD initial planning funds to support:**

- **5-Year Action Plan (due 270 days after planning funds received)**
- **Initial Proposal (due 180 days after BEAD allocation announced)**
- **Final Proposal (due 365 days after Initial Proposal Approval)**
- **Outreach (in coordination with CDT)**
- **Staffing (to support BEAD planning and last-mile grant program)**
- **Workforce-related planning (in coordination with CDT, industry, labor, and education)**

## Next Steps

### NTIA Initial Planning Funds award (\$5M)

- Expected between mid-Oct. to early Dec.

### Outreach

- Solicit public feedback on 5-Year Action Plan in coordination with CDT Digital Equity outreach

### Create 5-Year Action Plan

- Due 270 days from Initial Planning Funds award

### Federal Communications Commission Broadband Map

- Estimated publication May 2023
- Basis for state BEAD allocation



# **Liana Bailey-Crimmins**

**Director**  
**California Department of Technology**

# **Scott Adams**

**Deputy Director, Broadband & Digital Literacy**  
**Department of Technology**

# 2023 BROADBAND COUNCIL FOCUS AND MEETING SCHEDULE

## Staff Recommendation

- **Annual Action Plan Review & Revision**
- **Broadband for All Initiatives**
- **IJA Broadband Programs**
- **Quarterly meetings (4<sup>th</sup> Wednesday of the month)**
  - **January 25**
  - **April 26**
  - **July 26**
  - **October 25**



# Public Comment



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**THANK YOU!**



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