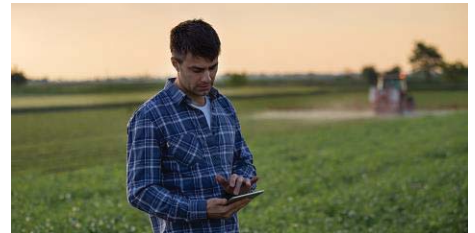




# State Broadband Update

Southern California Association of Governments  
Emerging Technologies Committee Meeting

August 25, 2022



## AGENDA

- Broadband for All Action Plan Implementation Update
- Middle-Mile Broadband Initiative Update
- NTIA IIJA Broadband Program Update

# Scott Adams

Deputy Director, Broadband and Digital Literacy  
California Department of Technology

## BB4ALL ACTION PLAN IMPLEMENTATION

**Significant Progress on all 24 BB4ALL action items.**

### **CDT LED ACTION ITEMS**

- Action Item #6 – Enhance permitting at all levels of government
- Action Item #21 – Establish Broadband for All Portal
- Action Item #14 – Leverage Contracting and Procurement Vehicles
- Action Item #16 – Promote / Track Low-Cost Offers and Adoption Rates
- Action Item #18 – Network of Digital Inclusion Stakeholders
- Action Item #24 – State entities incorporate BB into Strategic Plans

## Action Item #6 – Enhance permitting at all levels of government

|                |   |
|----------------|---|
| <b>Federal</b> | • Federal Permit Improvement Steering Council                     |
| <b>State</b>   | • Caltrans / Resources Agency Partners                            |
| <b>Local</b>   | • Local Jurisdiction Broadband Deployment and Permitting Playbook |

## Action Item #21 – Establish Broadband for All Portal

[www.broadbandforall.cdt.ca.gov/](http://www.broadbandforall.cdt.ca.gov/)

### Features

- Action Plan Tracker
- Funding Finder
- Low-cost service offers
- Affordable Connectivity Program Page

Official website of the State of California

**CALIFORNIA ALL** | Broadband for All

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### Closing the digital divide

Broadband for All is California's commitment to closing the digital divide. Broadband is essential for vital services and opportunities, but millions of Californians still lack adequate broadband service or the devices and skills to use it.

Join us as we engage and support partners across the state to achieve Broadband for All.

[Learn more](#)

### Broadband initiatives

**Broadband for All Action Plan**

In response to executive order N-73-20, the California Broadband Council developed the "Broadband for All" Action Plan with the understanding that broadband access, adoption, and training are essential components of digital equity.

**Middle-Mile Broadband Initiative**

In July 2021, Governor Newsom signed SB 156. This directed the California Department of Technology to develop a statewide, open-access middle-mile network. SB 156 provides \$3.25 billion to build the necessary infrastructure to bring internet connectivity to homes, businesses and community institutions.

**Last-Mile and Adoption Programs**

To complement the middle-mile network, SB 156 included \$2 billion to build last-mile infrastructure, provide funding for local agency technical assistance, and a loan-loss reserve. The California Public Utilities Commission administers these along with a suite of existing programs that support broadband deployment, assistance, affordability, and adoption.

# Action Item #14 – Leverage Contracting and Procurement Vehicles

## HIGHLIGHTS

- Leveraged procurements and existing contracts for MMBI

## NEXT STEPS

- Identify opportunities during State Digital Equity and BEAD planning efforts



# Action Item #16 – Promote / Track Low-Cost Offers and Adoption Rates

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### Affordable service programs

Home internet service is critical for all individuals. The cost of internet remains a barrier for many people. We've partnered with EveryoneOn<sup>®</sup> and the California Emerging Technology Fund to help you find programs in your area:

- The [Affordable Connectivity Program](#)<sup>\*</sup>
- Low-cost internet service
- Computer offers
- Digital skills training (like computer and internet basics)

\* The information from EveryoneOn is provided as a public service. Review our disclaimer for more details.

### Find affordable service programs

1. Enter your ZIP code

ZIP code

[Find offers](#)

**Disclaimer**

The California Department of Technology (CDT) provides the information from EveryoneOn as a public service to California residents. The information and services are provided by a separate entity that is not affiliated in any way with CDT. CDT does not make any endorsements or representations regarding the accuracy of the information provided by EveryoneOn.

### 3. Review your offers

Internet offers

There are 5 offers in your area, based on your selections.

#### Affordable Connectivity Program by the Federal Communications Commission

- EveryoneOn is very excited about the Federal Communications Commission's (FCC) new program to provide a subsidy program called the Affordable Connectivity Program (ACP), to help connect those who are disconnected and to provide affordable computers.
- For more information, call (877) 384-2575 or email [ACPSupport@vcc.org](mailto:ACPSupport@vcc.org).

You may be eligible to receive a temporary \$30 a month subsidy towards internet connectivity and \$100 towards a computer. Call or email to sign up to receive the subsidy that can be used towards any of the internet service options below.

[Learn more](#)

#### Comcast

- \$9.99 per month
- For more information, call (855) 846-6376.
- Data: 50/10 Mbps
- No installation fee. No modem fee.

You may qualify if you are eligible for public assistance programs such as the National School Lunch Program, Housing Assistance, Medicaid, SNAP, SSI, and others.

[Learn more](#)

#### Access from AT&T

- \$20.00 or less
- For more information, call (855) 220-5211.
- Data: 150GB or 1TB based on type & speeds available
- No installation fee. No charge for in-home Wi-Fi routers.

The speed is 25 megabits per second. You may be eligible for this offer if at least one resident in the household participates in the U.S. Supplemental Nutrition Assistance Program (SNAP) your address is in AT&T's 21-state service area, at which AT&T offers wireless home internet service, and you do not have outstanding debt for AT&T Fixed Internet service within the last six months or outstanding debt insured under this program. If you are a California resident and at least one member of your household receives Supplemental Security Income (SSI), you may also qualify according to the same requirements that apply to SNAP participants.

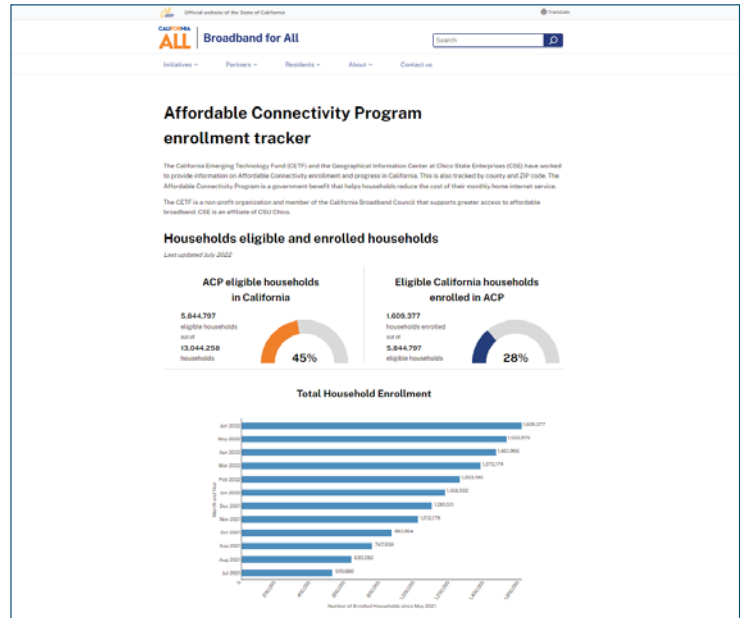
[Learn more](#)

## Action Item #16 – Promote / Track Low-Cost Offers and Adoption Rates

### In the News

[More than 1.6 million California households enrolled in affordable broadband program, White House says - ABC7 Los Angeles](#)

[How to get free broadband in L.A. if you're a lower-income resident - Los Angeles Times \(latimes.com\)](#)



## Action Item #18 – Network of Digital Inclusion Stakeholders

Engaged with over 1,000 local and tribal governments, broadband consortia, metropolitan planning organizations, school, libraries, nonprofits, and internet service providers.

- Meetings and Consultations
- Broadband for All Roundtables
- External Meetings and Conferences



## Action Item #24 – State entities incorporate BB into Strategic Plans

| Entity/Agency                           | Goals and Activities  |
|---|---|
| Dept. of Corrections and Rehabilitation | Deploying broadband to prisons in support of rehabilitative efforts for incarcerated persons.     |
| Labor and Workforce Development Agency  | Workforce Literacy program will include digital literacy.   |
| Dept. of Parks and Recreation           | Expanding connectivity and services to rural parks with connectivity challenges.                  |
| Dept. of Food and Agriculture           | Surveying Network of California Fairs to learn about broadband capabilities and deficiencies      |
| Dept. of Motor Vehicles                 | Expanding services available online, including senior services via voice assisted online channel. |

## MIDDLE-MILE UPDATE

**Mark Monroe**

**Deputy Director, Broadband Middle-Mile Initiative  
California Department of Technology**

## MIDDLE-MILE BROADBAND INITIATIVE (MMBI)

### Review of Middle Mile Broadband Initiative (MMBI):

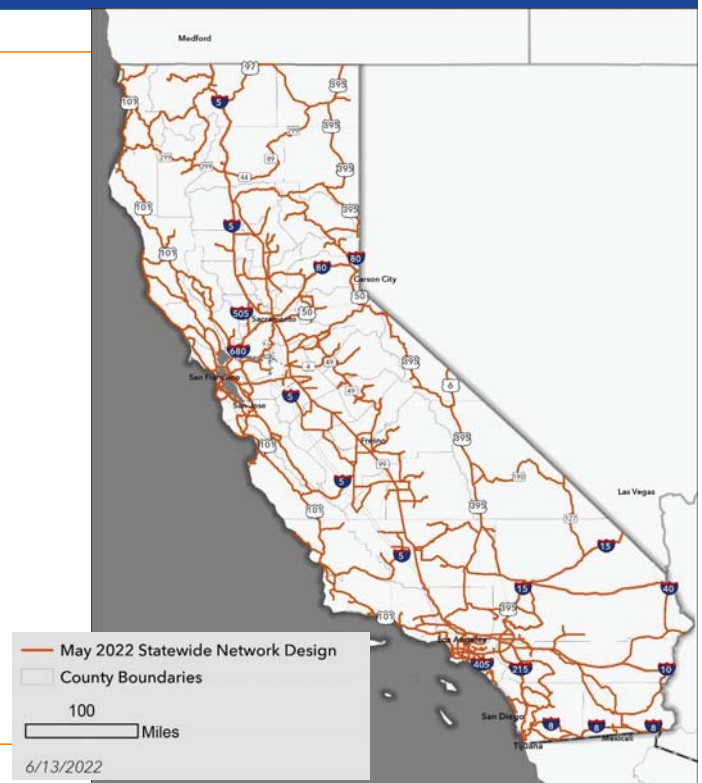
- **\$3.8 billion of primarily federal funding.**
- **Contracts must be signed by December 2024.**
- **Network must be completed by December 2026.**
- **Roles:**
  - CDT oversees project.
  - CPUC identifies unserved and underserved communities.
  - GSN develops network design.
  - Caltrans constructs along state highways.
  - Leases will be used to complete the network.



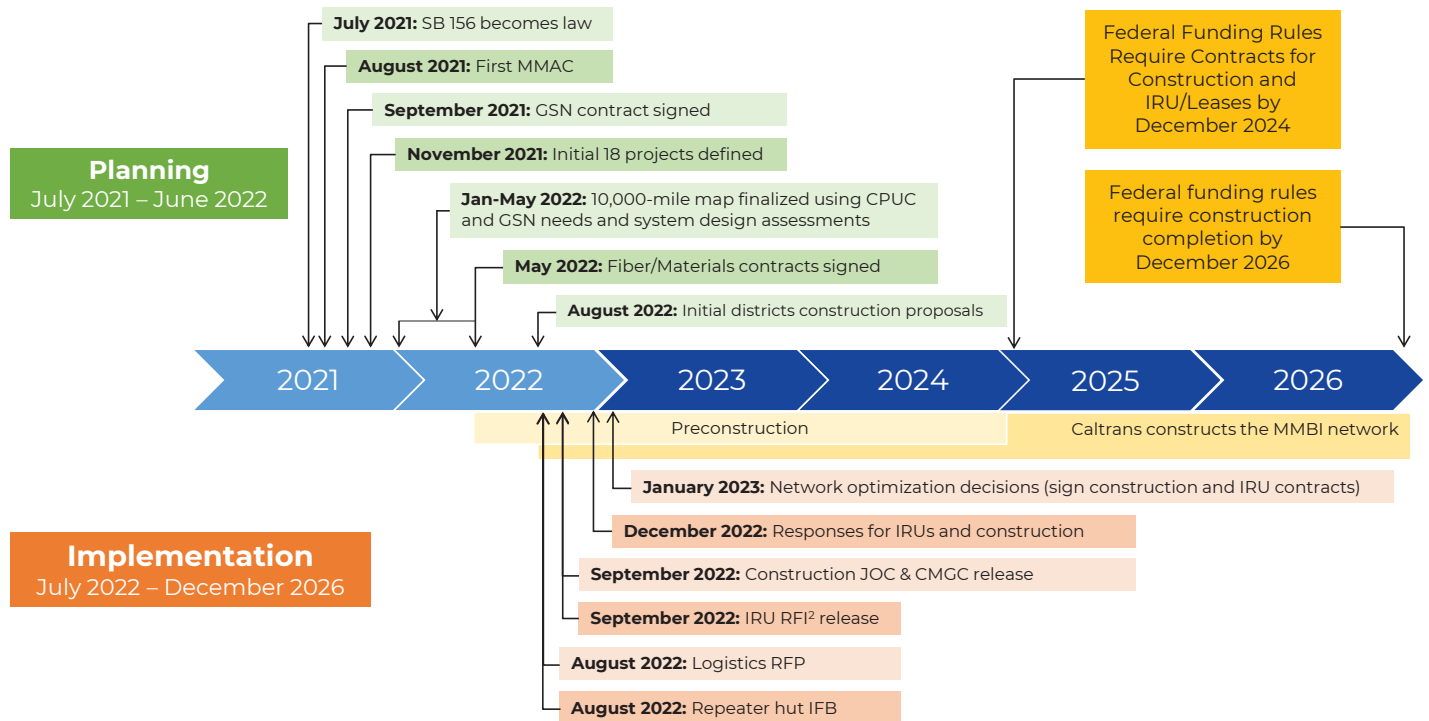
## MIDDLE-MILE BROADBAND INITIATIVE (MMBI)

### Recap of MMBI Progress

- **In May 2022:**
  - Fiber contract awarded (Supplies ready for use starting January 2023)
  - Statewide 10,000-mile MMBI network map
- **In June 2022, transition to execution phase:**
  - Caltrans continues build efforts
    - Preconstruction/permitting streamlining
    - Initial construction contracts proposed by districts
    - Development of broader, systemwide construction contracting approaches.
  - GSN developing core network backbone
- **In July/August:**
  - Permitting Summits (Streamlining processes & resources)
  - Contractor forums (Alternative contracting methods)



# MMBI Project Timeline



# MMBI Statewide Update

## Logistics Contract

*Bid in August*

- Receive bids by September 2022
- Work with construction contractors and suppliers
- Plan for storage and/or direct delivery
- Timing and location of materials delivery consistent with ongoing MMBI construction

## Construction Contracts

*Bid in September*

- Receive bids by December 2022
- Estimated dozen large contracts
- Get bids on more than 75 percent of the overall network
- Inform updated cost model
- Allow earlier decisions regarding optimizing the network relative to available funding.

## Lease (IRU) Contract

*Bid in September*

- Receive bids by December 2022
- Market research on what existing infrastructure the private sector will make available, and at what price
- Comparison between building and leasing to optimize the entire network
- Informs updated cost model
- Allows earlier decisions regarding optimizing the network relative to available funding.
- May provide for earlier connections for last mile providers



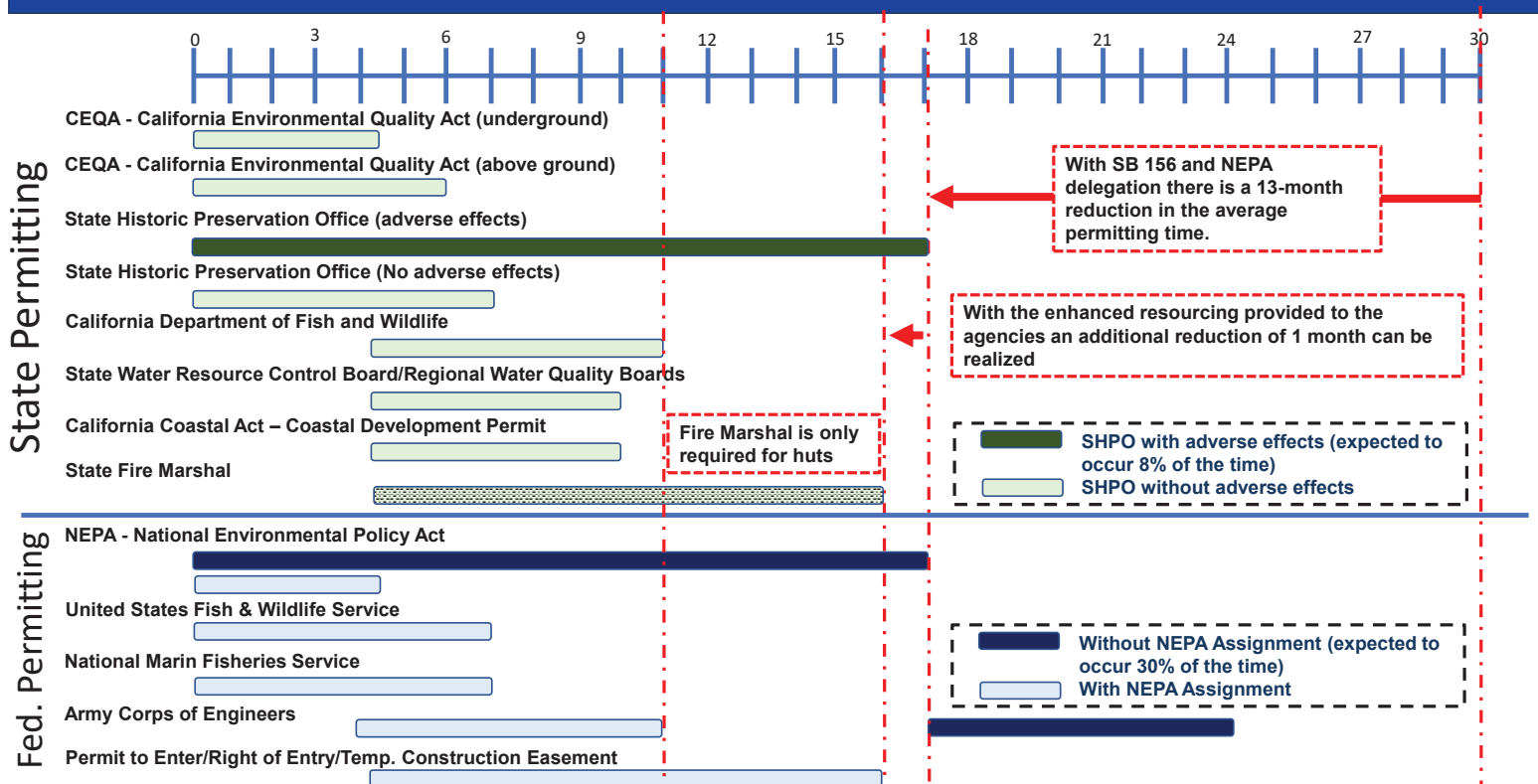
# Caltrans Updates

## Project Delivery Update

- Over **2,000 miles** of projects proposed, construction by early 2023.
- On-going efforts to **streamline permitting and right-of-way/use agreement**.
- **Status of Initial 18:**
  - 3 project segments moving to construction.
  - Remaining segments in planning and preconstruction/permitting process.
  - Supporting IRU/leases being explored.

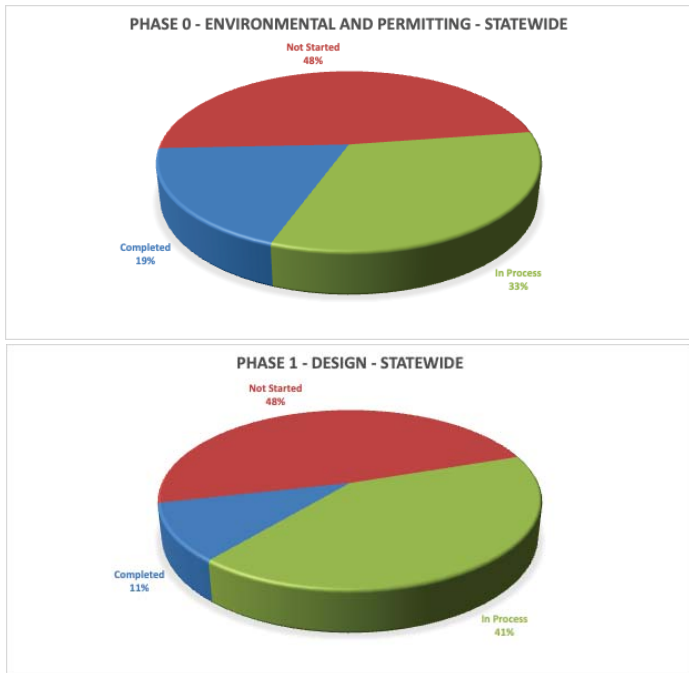


## More Resources Helping to Streamline Processing Timelines



## Project Delivery – Update

Preconstruction status on entire 10,000-mile MMBI network provided in May



## NTIA IJA PROGRAM - DIGITAL EQUITY AND BEAD PROGRAMS

- CDT submitted Digital Equity Planning Grant application
- CPUC submitted Broadband, Equity, Access and Deployment (BEAD) Letter of Intent
- Both will lead respective planning efforts and coordinate
- Will ask that you participate in this process
- Once completed and approved by NTIA, will unlock billions of federal dollars to support state BB4All efforts



**THANK YOU!**



**BROADBAND  
FOR ALL**