

# Broadband

Broadband | Yolo County  
June 7th, 2022

# Broadband for All

**California Broadband Council** (2010)



**Executive Order N-73-20** (2020)



**2020 Broadband Action Plan** (2020)



**SB 156** (2021)

**Subsequent AB14, SB4**

Established in 2010 to promote broadband deployment in unserved and underserved areas

Required development of California Broadband Action Plan. Areas of focus:

- Data & Mapping
- Funding
- Deployment
- Adoption

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.

\$6 billion dollar investment to:

- Expand broadband infrastructure
- Increase affordability
- Enhance access to broadband for all Californians

\$3.25 billion for middle-mile infrastructure investment

\$2.75 billion for last-mile infrastructure investment

# SB156 Collaboration



## California Department of Technology

- Program, fund management, reporting and oversight
- Retain TPA
- In collaboration with TPA and CPUC, facilitate high speed broadband access through last-mile connectivity



## California Public Utilities Commission

- Provide data to identify unserved & underserved areas
- Facilitate public comment
- Recommend network placement



## Third Party Administrator

- Manages the development, acquisition, construction, maintenance and operation of the statewide open-access middle-mile broadband network



## Caltrans

- Leverage existing transportation projects
- Oversee acquisition and management of construction contracts for open-access middle-mile broadband network



## Department of Finance

- Budget oversight and facilitation
- State and Local Fiscal Recovery Funds (SLFRF) quarterly reporting to the federal government

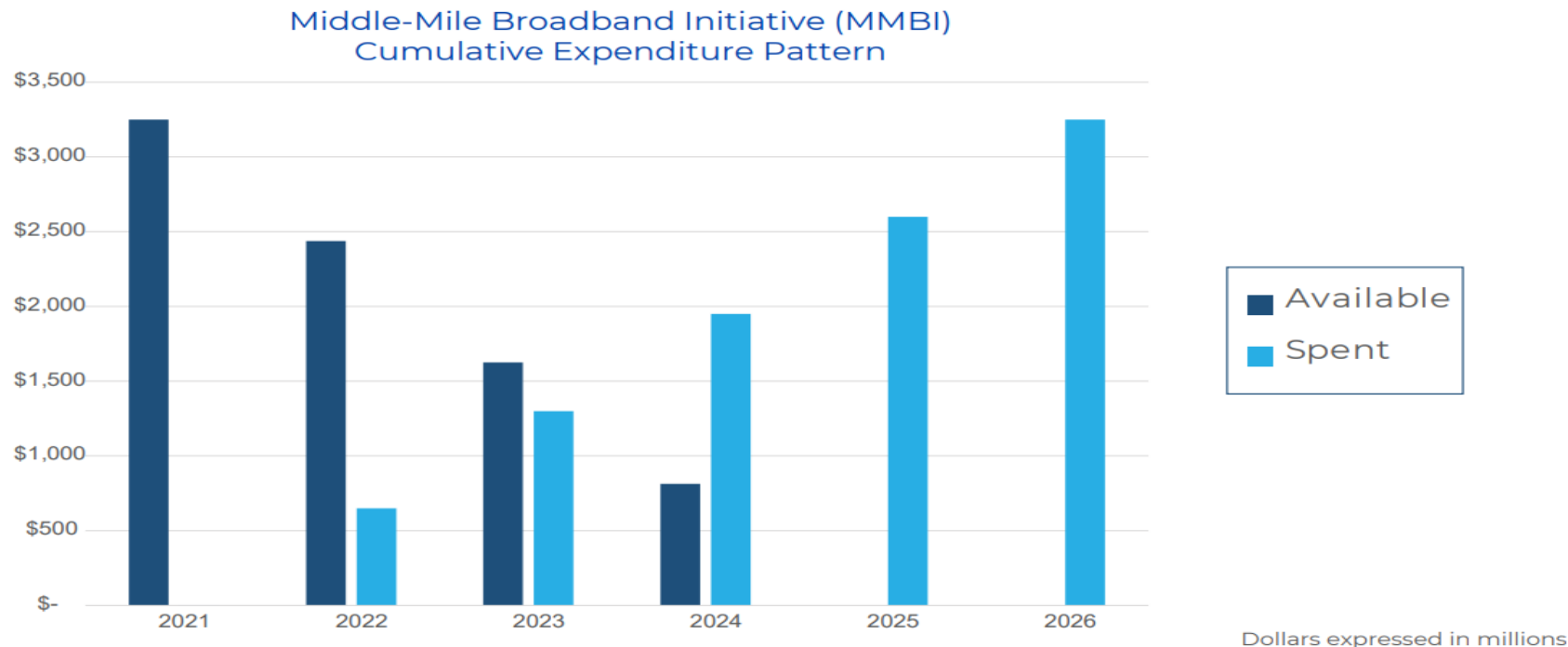
# Middle-Mile Initiative (CDT)

**\$3.25 billion to develop, acquire, construct, maintain and operate a statewide “open-access middle-mile” network**

- Funded entirely from American Rescue Plan Act (ARPA)
- Oversight and design by California Department of Technology (CDT). Initial design developed from CPUC data
- Managed and operated by Golden State Connect
- Caltrans construction oversight
- Estimated to be enough to build approx. 6,000 miles of the 8,000-mile system. Remaining 2,000 miles expected to be leased

## Timeline

- Aug 2021-Dec 2021: Obtain public input
- Nov 2021 – Jun 2022: Design & Engineering
- July 2022 – Construction and Lease
- Dec 2024 – All funding committed
- Dec 2026 – All projects complete



# Last-Mile Initiative (CPUC)

## 1. Federal Funding Account - \$2 billion

- \$1 billion allocated for urban counties, \$1 billion allocated for rural counties
- Funds must be encumbered by 2025
- Funds must be expended (projects complete) by 2027
- Timing: Estimated July-September 2022

## 2. Loan Loss Reserve - \$750 million

- Help entities secure financing for broadband infrastructure. Form of credit enhancement
- Timing: Proposal for input by August 2022. Applications summer 2023

## 3. Technical Assistance - \$50 million

- Assist local agencies and tribal entities for eligible pre-construction expenses for last mile connections
- Applications up to \$500,00 per local agency per fiscal year
- Timing: Applications June/July 2022

## 4. California Advanced Services Funds (CASF) – up to \$150 million per year

- Assist with broadband infrastructure deployment & adoption in public housing, Tribes & unserved areas
- Timing: Applications June/July 2022

## 5. Broadband Public Housing Account

- Grants to connect qualifying low-income housing with infrastructure and free internet service
- Timing: Applications June/July 2022

# Federal Funding Account (FFA) (CPUC)

## Funding Allocation

- \$5 million + \$1,640.37218 per unserved resident.
- CPUC identified 6,335 unserved households. Yolo to get \$15,391,757.76

## Eligible Entities

- Telephone Companies (AT&T, Verizon)
- Broadband Service Providers (Esparto Broadband, Astound)
- Local Government Agencies (JPA's, municipalities interested in being a broadband provider to the public)
- Electric Utilities, Non-Profits, Co-Operatives
- California Tribes

## Eligible Areas

- CPUC to release broadband map based on location (current data at the census level)
- Timing: July-September 2022

## Eligible Projects

- Projects designed to reliably offer speeds at or above 100 Mbps symmetrical or in some cases 100 Mbps down / 20 Mbps up.
- Projects must provide access to low-income eligibility plans (Affordable Connectivity Program)

# LOCAL EFFORTS

## – YED Winter 2022 Leaders Summit “Yolo Broadband 2.0”

- Leaders across the county attended. Excited but struggle with how to get started

## – Partnerships

- **RCRC** - Economic Development Administration (EDA) Grant to help member counties bring in a consultant to develop/update County Broadband Strategic Plan. Received preliminary grant approval.
- **Valley Vision** – Advocate on behalf of the county on middle-mile comments and share up-to-date information
- **Internet Service Providers** – Discuss areas of opportunity and how can we partner to serve communities

## – Broadband Task Force

- Kick-off June 9<sup>th</sup>, 2022. Representatives from cities, schools, CAC’s, Yolo Housing, Tribe.
- Valley Vision to present overview and next steps

## – Data update & communication/outreach efforts

- Broadband survey to update data
- Funding and subsidy opportunities. Affordable Connectivity Program (ACP), Emergency Connectivity Fund (ECF), Access to Technology (ATT) for Seniors and Persons with disabilities.

# BROADBAND FRAMEWORK

| SHORT TERM  | MID TERM   | LONG TERM   |
|---|--|---|
| <ul style="list-style-type: none"> <li>● <b>Prioritize Broadband</b> <ul style="list-style-type: none"> <li>✔ Develop Broadband Strategic Plan</li> <li>✔ Form Broadband Stakeholder Task Force</li> <li>✔ Identify Broadband Point-of-Contact</li> </ul> </li> <li>● <b>Set-Aside Local American Rescue Plan Monies</b> <ul style="list-style-type: none"> <li>✔ Earmark Now – Develop Plan – Invest Later</li> </ul> </li> <li>● <b>Identify Middle Mile Gaps &amp; Needs</b> <ul style="list-style-type: none"> <li>✔ Convey to CPUC and RCRC</li> <li>✔ Work with CPUC Consortia to Identify</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>● <b>Consider Policies &amp; Tools That Invite Investment</b> <ul style="list-style-type: none"> <li>○ Countywide Programmatic Broadband EIR</li> <li>○ Uniformity of Policies Across County/Region</li> </ul> </li> <li>● <b>Use Strategic Plans To Direct Investment</b> <ul style="list-style-type: none"> <li>○ Identify Countywide Priority Areas</li> <li>○ Broadband Grant Program</li> <li>○ Leverage Public Funding with Private/Municipal Investment</li> </ul> </li> <li>● <b>Communicate Priorities, Policies, &amp; Tools</b></li> </ul> | <ul style="list-style-type: none"> <li>● <b>Deploy Broadband Infrastructure</b> <ul style="list-style-type: none"> <li>○ GSCA– Open Access, Public Benefit Municipal Broadband Network</li> <li>○ Local Partners – Electric Co-Operatives, Municipal Broadband Providers, or Regional Providers</li> <li>○ Incumbent Service Providers</li> </ul> </li> <li>● <b>Extend Investment &amp; Coverage Area Via Access To Public Funds</b> <ul style="list-style-type: none"> <li>○ Extend Project Areas</li> <li>○ Direct Investment</li> </ul> </li> <li>● <b>Be At The Table</b></li> </ul> |

