Agenda

• State Broadband and Digital Literacy Updates
• Action Plan Updates – Long Term Items
• Broadband Middle Mile Initiative Update
• Last Mile Funding Programs Update
• Legislative Update
• 2022 Council Focus
• Public Comment
State Broadband and Digital Literacy Update
Overview of Efforts

- Statewide broadband ecosystem
- California Broadband Council/Broadband for All
  - Executive Order
  - Broadband for All Action Plan
- Senate Bill 156 (Chapter 112, Statute of 2021)
  - Oversee Statewide Open-Access Middle-Mile Network
  - Single Point of Contact
New Team Member

Mark Monroe, Deputy Director, Broadband Middle-Mile Initiative

• Oversight of Middle-Mile Initiative
• Single Point of Contact
  o Third-Party Administrator
  o State Agency Partners
  o Middle-Mile Advisory Committee
  o Legislature
Broadband Roles

Deputy Director, Broadband and Digital Literacy

Broadband for All (Executive Order N-73-20, Broadband Action Plan)

Deputy Director, Broadband Middle-Mile Initiative

Middle Mile Broadband Initiative
Action Plan Updates – Long Term Items
Action Items

California Public Utilities Commission
Modernize California’s universal service programs to support the deployment and ongoing maintenance of broadband networks effectively.
Action Item #3 Update

Significant legislation updating California’s universal service programs to support broadband deployment

- **AB 14 (Chapter 658, Statutes of 2021)** California Advanced Services Fund & Surcharges
- **SB 4 (Chapter 671, Statutes of 2021)** California Advanced Services Fund
- **SB 156 (Chapter 112, Statutes of 2021)** Broadband trailer bill
Establish clear standards of consumer protection and provisioning of equitable service by providers. Evaluate the surcharge collection and overall bill impacts, including other non-public charges to minimize total customer bill impacts. Examine whether broadband service in underserved and unserved communities is consistent with current licensing requirements.
A number of bills signed into law in 2021 furthered Action Plan Item #10

• **Surcharges**

• **Consumer protection** and provision of equitable service, and examination of whether provision of service is consistent with current licensing requirements.
  • [AB 41 (Chapter 659, Statutes of 2021)](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?billNumber=AB41&year=2021) Broadband infrastructure deployment
  • [SB 28 (Chapter 673, Statutes of 2021)](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?billNumber=SB28&year=2021) deployment data & customer service requirements

• **CPUC Rulemaking** continues consideration of a modified surcharge process
  • Order Instituting Rulemaking to Update Surcharge Mechanisms to Ensure Equity and Transparency of Fees, Taxes and Surcharges Assessed on Customers of Telecommunications Services in California (R.21-03-002)
Broadband Action Plan Action Item #12

Improve the California LifeLine Program by including stand-alone broadband service, and work in partnership with internet service providers to encourage participation in the program.
Federal and state activities

- Federal Emergency Broadband Benefit
  - Federal Communications Commission Information
  - California Information

- State and federal legislation
  - SB 394 (Chapter 765, Statutes of 2021) LifeLine

- CPUC proceeding
  - Order Instituting Rulemaking to Update the California Universal Telephone Service (California LifeLine) Program (R.20-02-008)
Action Items

Department of Housing and Community Development
Leverage existing California Department of Housing and Community Development programs, such as the Infill Infrastructure Grant Program and the Affordable Housing and Sustainable Communities Program, to provide free broadband service for tenants in newly built housing. Funding programs could incorporate opportunities for awardees to provide 100/20 Mbps broadband service free of charge to all tenants in publicly subsidized units.
Primary Considerations

Five Roadblocks to Connectivity

1. Availability
2. Affordability
3. Accessibility to Devices
4. Digital Skills
5. Data
Multifamily Housing Program

• Deferred payment loans to fund construction, rehabilitation, or preservation of rental housing for lower-income households

• Includes senior, special-needs, or supportive housing

• Notice of Funding Availability in February 2022
New MHP Guidelines

Pilot Criteria: Multifamily Housing Program

• Threshold Requirements for Availability (with min. upload/download speeds)

• Scoring Criteria for 100/20 Mbps, plus (Affordability, Accessibility to Devices, Digital Skills):
  – Free or reduced-price service,
  – Device support, or
  – Digital literacy training
Timeline

- July-August 2021: Draft Guidelines Public Comment Period
- November 2021: Final Guidelines Adoption
- February 2022: Notice of Funding Availability
Other Actions

• Exploring further implementing Action Item #13 through other funding programs
  – HCD Portfolio Reinvestment Program ($300M)

• Preparing data and advice for CPUC, re: CASF, based on stakeholder and interagency consultation and research, per Executive Order N-73-20
Action Items

Department of General Services
Identify state property for possible use for broadband infrastructure, based on specific criteria identified by the CPUC, Caltrans and other relevant agencies, to accelerate broadband deployment.
Background Information

Property Terminology

- Jurisdiction
- Excess Property
- Surplus Property
Background Information

Statewide Property Inventory

• Purpose and Use
• Limitations

Statewide Property Inventory

• State Transactional Roles
Property Search Elements

Property Parameters

- Location
- Property Type
- Size
- Proximity/Adjacencies
Property Search Elements

Development Method

- Lease Terms
- Construction Type
- Ownership
Ideally - Once

• Manual Process
Existing Collaboration

Initial Discussions with Caltrans, CPUC, and CDT

Initial Location Criteria (CPUC)

- Middle mile map with associated Census Designated Places with households unserved at 100 Mbps downstream.
- Properties (real and structures) within 5 miles from the middle mile network.
Results/Limitations

Results
• Significant Number of State Properties

Qualifications
• Existing Buildings In Use
• (Potential) Real Property Improvements and Encumbrances
• Lacking (Some) Data
• Need to Discuss with Jurisdictional Departments
• Benefit from Additional Criteria
Action Items 14, 16, 18, 24

California Department of Technology
Office of Broadband and Digital Literacy
Promote existing state contractual vehicles with internet service providers and equipment vendors to support cost savings and efficient purchasing of broadband services and equipment by local public entities such as school and library districts.

Leveraging existing contracts is a resource-efficient strategy to help other public entities acquire affordable broadband services, especially in bulk.
Accomplishments

• Rural Broadband Connectivity Program

Next Steps

• Working Group with Department of Technology and Department of General Services and other partners
• Housing and Community Development /Migrant Worker Centers
Partner with internet service providers to promote, track and publicly report the progress of adoption of affordable internet services and devices throughout the state.
2022

• Statewide Initiatives Manager
• Engage Providers
• Track on Broadband for All Portal
Develop and manage a multi-layer network of digital inclusion stakeholders to discuss ongoing needs, share resources, and coordinate initiatives.

Leverage California Broadband Council meetings and the GO-Biz broadband funding identification initiative to strengthen partnerships among anchor organizations such as schools, libraries, workforce development boards, and county social service departments.

Convene local government broadband coordinators and managers quarterly to identify barriers to local programming, new actions undertaken, and tools developed at the local level.

Convene private and nonprofit sector companies to understand and predict current and future demand for broadband.

Convene broadband adoption practitioners, including libraries, nonprofit organizations, and others semi-annually to share best practices and ongoing community needs in regard to, innovate and create new digital literacy tools, and develop curriculum and training programs to meet the needs of the workforce, community, and students.
2021 – Key Accomplishments

- GO-Biz Funding and Community Readiness Survey
- Identifying needs, resources, toolkits and creating content
  - Examples: Collaboration with Regional Consortia, CETF, Valley Vision, Local Government and Tribes, etc.
  - Web Portal to showcase artifacts & information gathered.

2022 - Planned

- Increase staff
- Strategize for more rapid implementation
Request that executive branch entities and constitutional agencies incorporate broadband into their strategic plans and provide broadband priorities to the California Broadband Council annually to ensure effective interagency collaboration.
Office of Broadband and contacting entities/offices

- November/December letter/email
- Online form for each entity/office to populate
- 2022 Report Out
Action Items

Governor’s Office of Business and Economic Development
Form a planning group of all state agencies that oversee any potential infrastructure or broadband adoption funding to meet quarterly to ensure alignment in funding goals and implementation, and further identify existing and new programs that can support Broadband for All.
**Actions taken to date**

- Action item #2 feeds Action Item #23 – Action Item 2: Identify alternative financing opportunities with government and philanthropic partners to maximize funding for new infrastructure. Key Parties: Governor’s Office of Business and Economic Development, and California Public Utilities Commission

- GO-Biz, in coordination with CPUC, CDT and our Federal counterparts, developed a funding opportunity database inclusive of the programs available for various needs including construction and non-construction elements.
From this data set we have determined the appropriate planning group participants from our state agency counterparts to initiate the quarterly funding alignment requirements under action plan item #23. As new programs and opportunities are identified the construction of this planning group may change over time.

- Quarterly meeting dates are currently being determined and initiation meeting will be scheduled in Q1 2022 at which point all future meetings will be determined.
Middle Mile Initiative Update

Mark Monroe
Deputy Director, Broadband Middle-Mile Initiative
Middle Mile Approach

• Introductory Phase Integration Complete
• Data and Mapping
• Design and Engineering
• Developing business and economic models
• Phase 1 Locations / Recommendation
• Phase 1 Plan
Last Mile Funding Programs Update

California Public Utilities Commission
Legislative Update
California Department of Technology
California Public Utilities Commission
AB 14 (Aguiar-Curry): Communications: California Advanced Services Fund: deaf and disabled telecommunications program: surcharges

AB 41 (Wood): Broadband infrastructure deployment

SB 4 (Gonzalez): California Advanced Services Fund

SB 28 (Caballero): Digital Infrastructure and Video Competition Act of 2006: deployment data

SB 156 (Committee on Budget and Fiscal Review): Broadband
2022 Meetings Dates and Focus

Staff Recommendation / Council Members