CALIFORNIA
BROADBAND COUNCIL

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

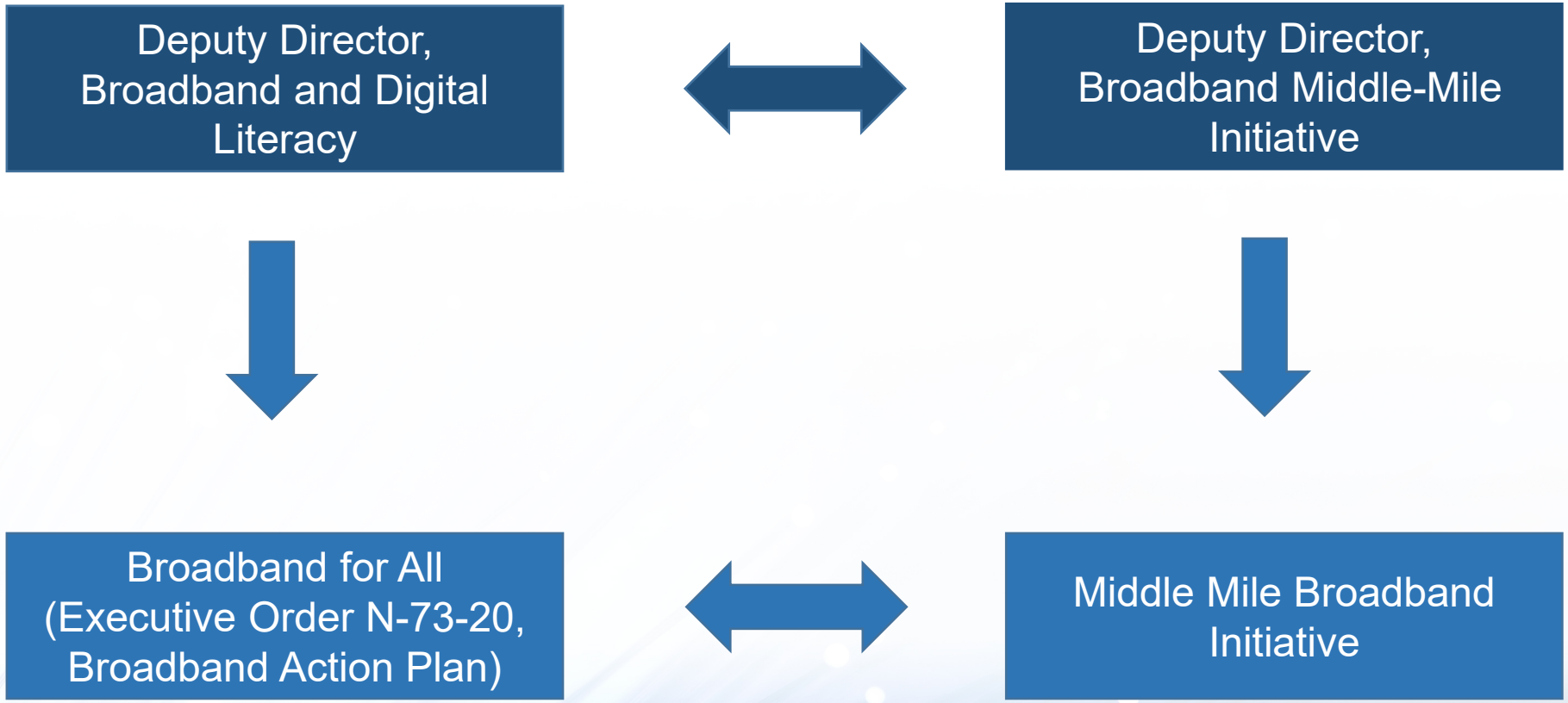
- Statewide broadband ecosystem
- California Broadband Council/Broadband for All
  - Executive Order
  - Broadband for All Action Plan
- Senate Bill 156 (Chapter 112, Statute of 2021)
  - Oversee Statewide Open-Access Middle-Mile Network
  - Single Point of Contact

New Team Member

Mark Monroe, Deputy Director, Broadband Middle-Mile Initiative

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

Broadband Roles



Action Plan Updates – Long Term Items

Action Items

California Public Utilities Commission

Broadband Action Plan Action Item #3

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

CASF

California Teleconnect Fund

California LIFELINE program

CALIFORNIA HIGH COST FUNDS A & B

DDTP

Broadband Action Plan Action Item #10

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.

Action Item #10 Update

A number of bills signed into law in 2021 furthered Action Plan Item #10

- **Surcharges**
  - AB 14 (Chapter 658, Statutes of 2021) California Advanced Services Fund & 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) Broadband infrastructure deployment
  - SB 28 (Chapter 673, Statutes of 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.

Action Plan Action Item #12 Update

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

Broadband Action Plan Action Item #13

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

HCD's Main Funding Program

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

Broadband Action Plan Action Item #7

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

Property Search Elements

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).

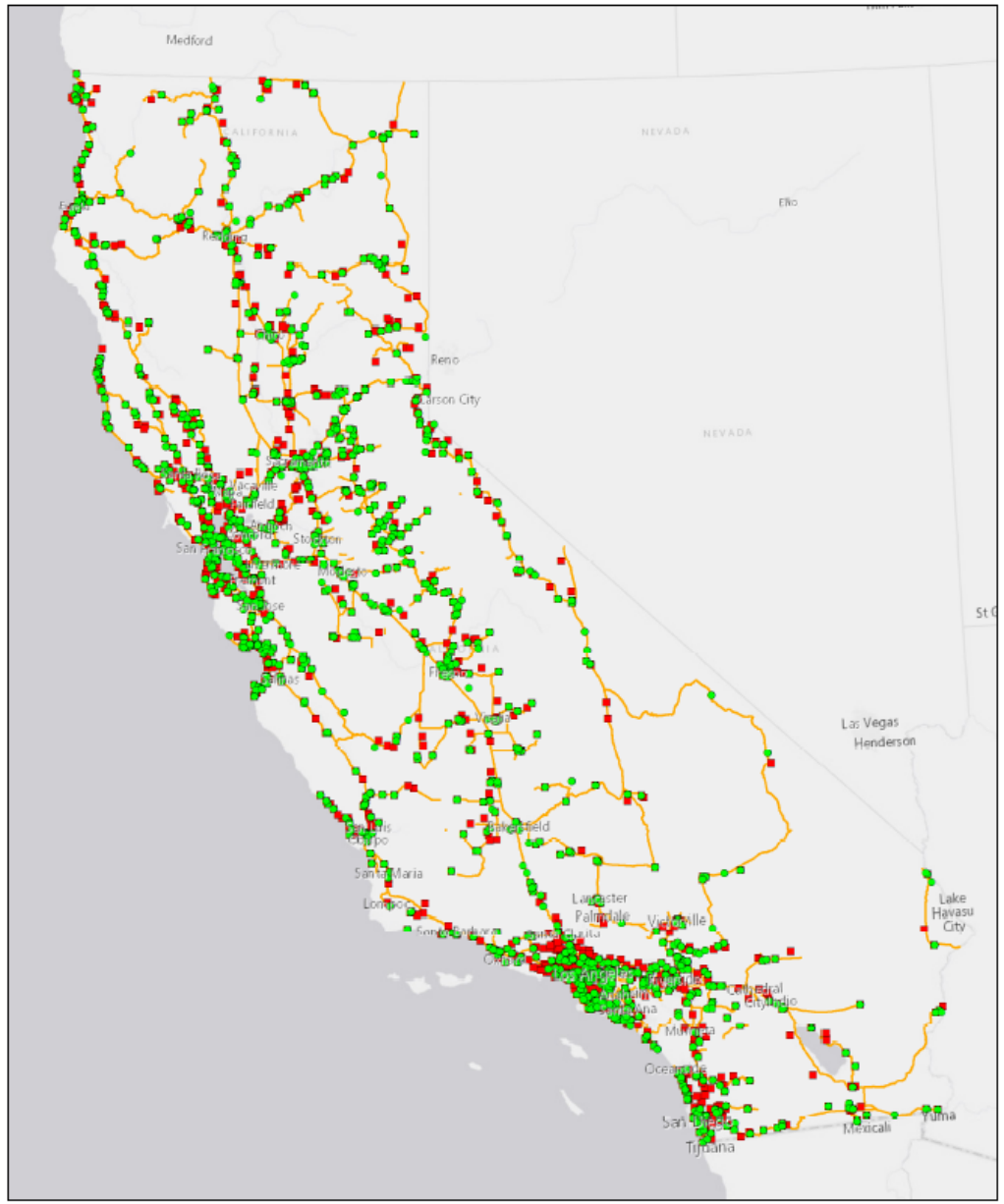
Results/Limitations

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



Structures and Real Property within 5 Miles of Selected Fiber Highways

- Structure
- Real Property
- Selected Fiber Highways

Action Items 14,16, 18, 24

California Department of Technology

Office of Broadband and Digital Literacy

Broadband Action Plan Action Item #14

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.

Action Item 14 - continued

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

Broadband Action Plan Action Item #16

Partner with internet service providers to promote, track and publicly report the progress of adoption of affordable internet services and devices throughout the state.

Action Item 16 - continued

2022

- Statewide Initiatives Manager
- Engage Providers
- Track on Broadband for All Portal

Broadband Action Plan Action Item #18

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.

Action Item #18 Update

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

Broadband Action Plan Action Item #24

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.

Action Item #24 - continued

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

Broadband Action Plan Action Item #23

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.

Action Item 23 Update

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.

Planning Group Construction

- 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.

Participants

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

2021 Legislation

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