Achieving Broadband for All

August 16, 2022

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Broadband Middle-Mile Network
COVID Highlighted the Digital Divide
California’s Broadband Action Plan

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.
First Mile
Global internet networks

Middle-Mile
The physical infrastructure required to connect global internet networks with local networks

Last Mile
The final leg of a network that allows local carriers to provide service to homes, businesses, and community institutions

Broadband
Reliable, high-speed internet that is always on
Senate Bill 156 (2021)

3-year, multi-billion-dollar investment

Established the Broadband Middle-Mile Initiative to expand broadband infrastructure and create an open-access network

Provided tools and flexibility to build the 10,000-mile broadband network
Building the Network
Working Together to Achieve Broadband for All

**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
➢ The CTC is an important partner in meeting the Broadband goal

➢ Broadband projects may get combined with other SHOPP or STIP projects to leverage construction closure and minimize impacts to public.

➢ The CTC will be notified when broadband elements are added to existing projects.

➢ Broadband projects may require two contractors to share project limits. If projects cannot be combined.
Delivery Timeline

- May 2022: CDT provides 10,000-mile Broadband Network map
- August 2022: Pre-construction begins on projects approved by CDT
- December 2024: Deadline for contract award
- January 2025: Deadline to begin construction
- June 2026: Deadline to complete construction
- December 2026: Deadline for project closeout
Delivery Strategy

1. Work Authorized
2. Right of Way
3. Environmental
4. Final Design (PS&E)
5. Construction
Dig Smart

Leverage projects underway that align with the proposed network and meet certain criteria to add broadband elements.
Questions?