



Middle-Mile Broadband Initiative



Achieving Broadband for All

August 16, 2022

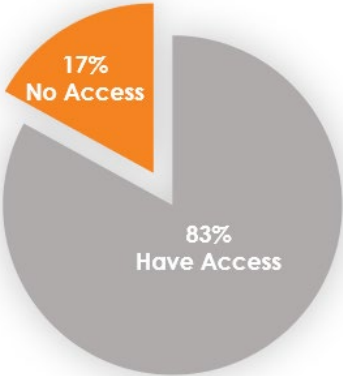
Hardeep Takhar
Program Director
Broadband Middle-Mile Network



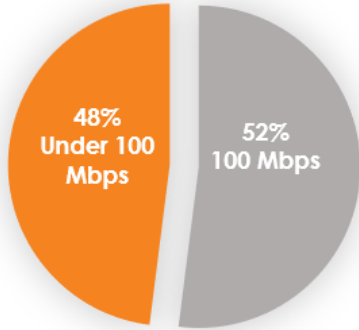
WHY?

COVID Highlighted the Digital Divide

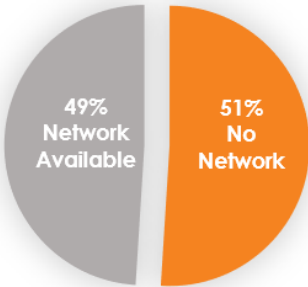
Broadband Access



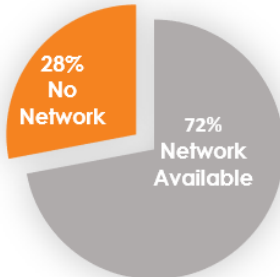
Broadband Speed



**Rural Communities with
Networks Offering 100 Mbps**



**Tribal Communities with
Networks Offering 100 Mbps**



California's Broadband Action Plan



Goal 1:

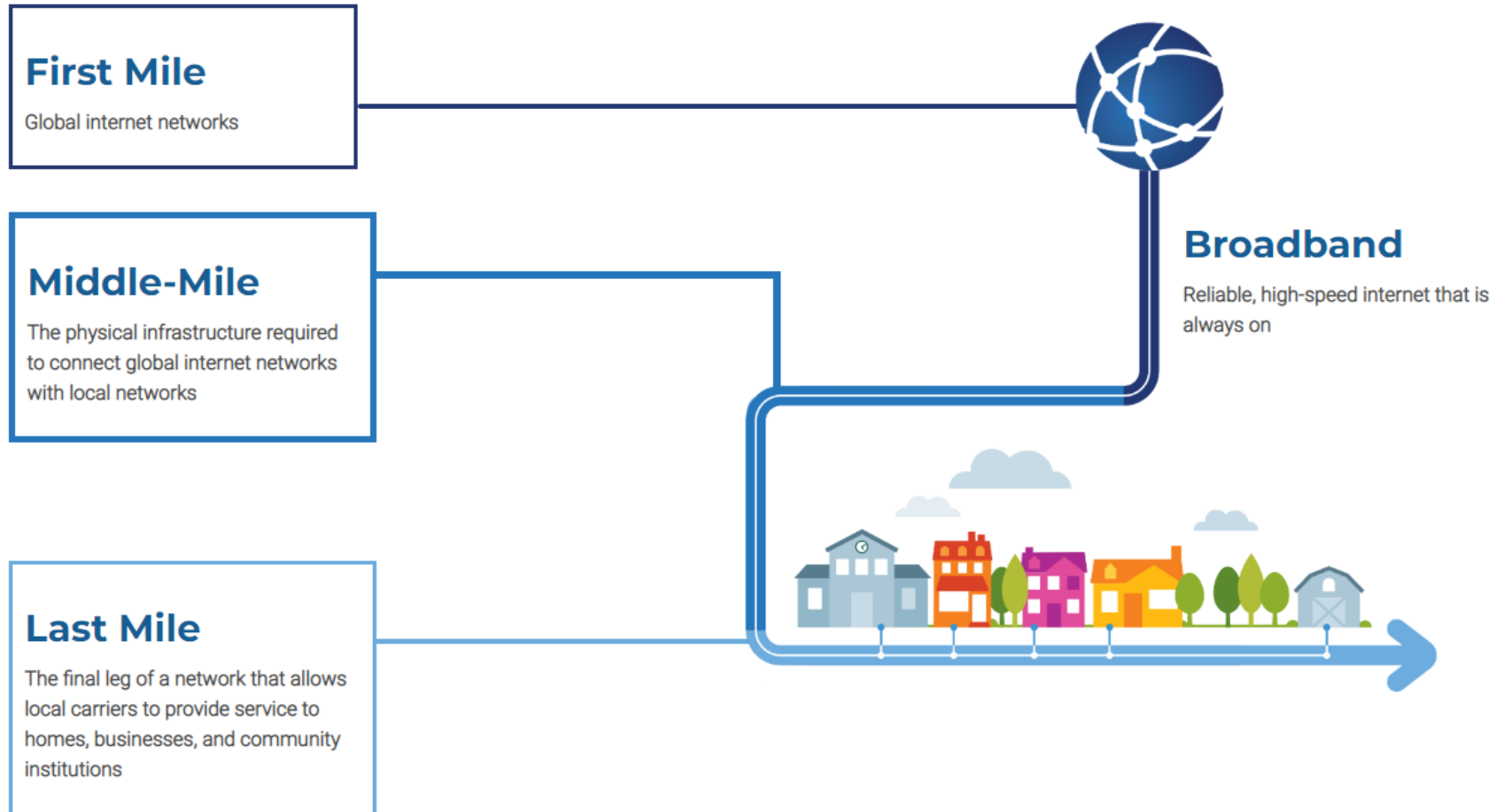
All Californians have high-performance broadband available at home, schools, libraries, and businesses.

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.



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

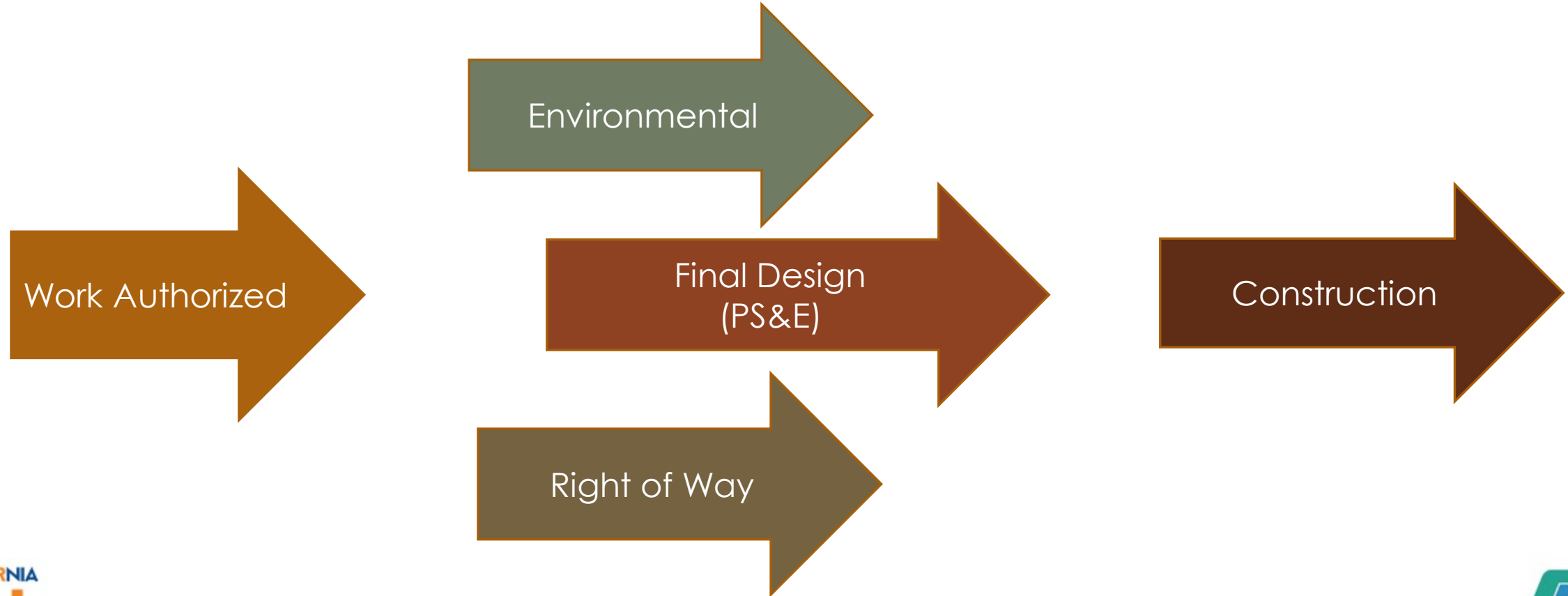
- The CTC is an important partner in meeting the Broadband goal
- Broadband projects may get combined with other SHOPP or STIP projects to leverage construction closure and minimize impacts to public.
- The CTC will be notified when broadband elements are added to existing projects
- Broadband projects may require two contractors to share project limits. If projects cannot be combined.

The CTC Broadband Nexus

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



Dig Smart

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





Middle-Mile Broadband Initiative



Questions?