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FUNDED BY THE BIPARTISAN INFRASTRUCTURE LAW

ADMINISTERED BY THE DEPARTMENT OF COMMERCE'S NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

3/21/2023

High-Speed Internet Adoption is Uneven Across Communities

- **65 million Americans** do not use the Internet at all.

- **10 million Internet users** rely solely on a mobile data plan.

- **5 Million households** not online identified **cost as their main reason** for not using the Internet.

- Under-connected Americans are disproportionally likely to be low-income, non-white, rural, Tribal, older, and differently-abled.

Percent of Households with No Internet Access
- > 35 - 75
- > 23.8 - 35
- > 15.4 - 23.8
- 2 - 15.4
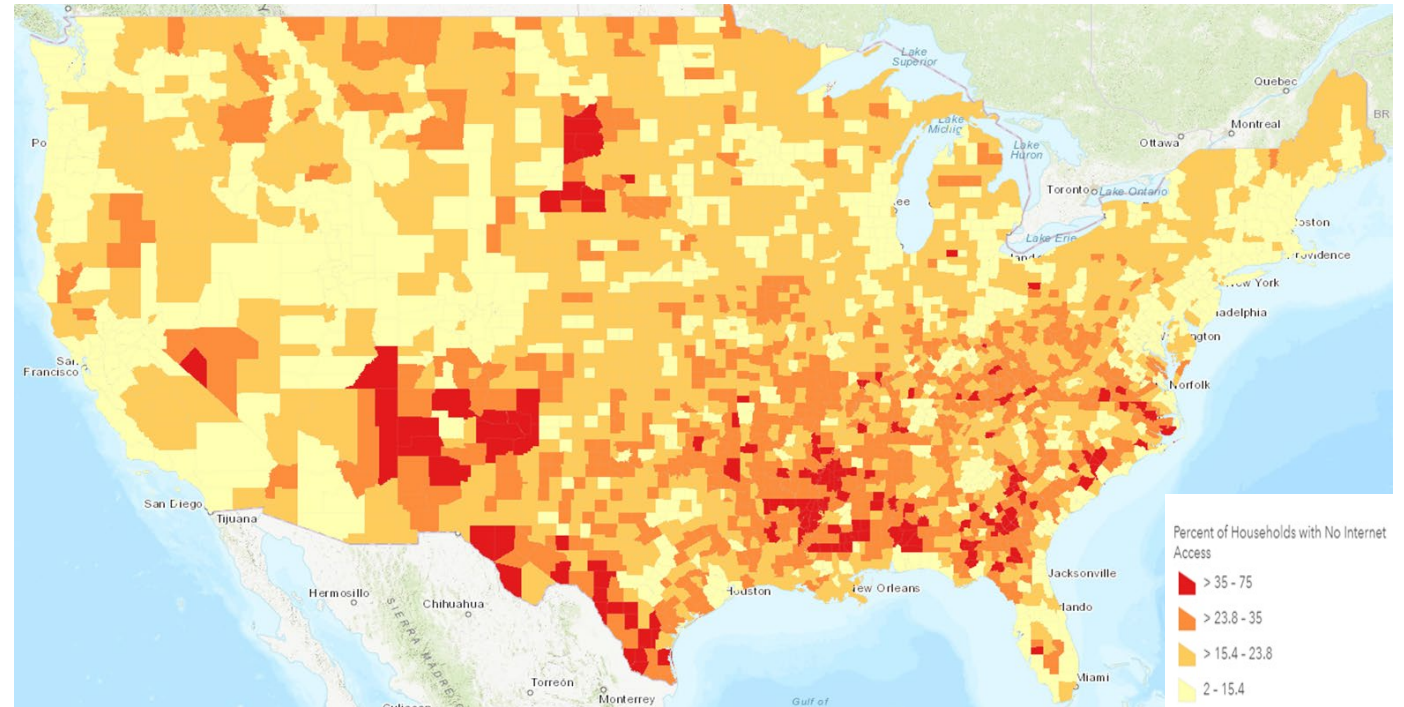
Red areas indicate places where more than 35% of the households have no Internet at all based on ACS subscription data.

Source one: NTIA Internet Use Survey, based on consumer 2019 surveys; American Community Survey Device Ownership data 2015-2019
Visualization: NTIA National Broadband Availability Map (NBAM)

The Bipartisan Infrastructure Law is a once-in-a-generation investment in infrastructure and competitiveness
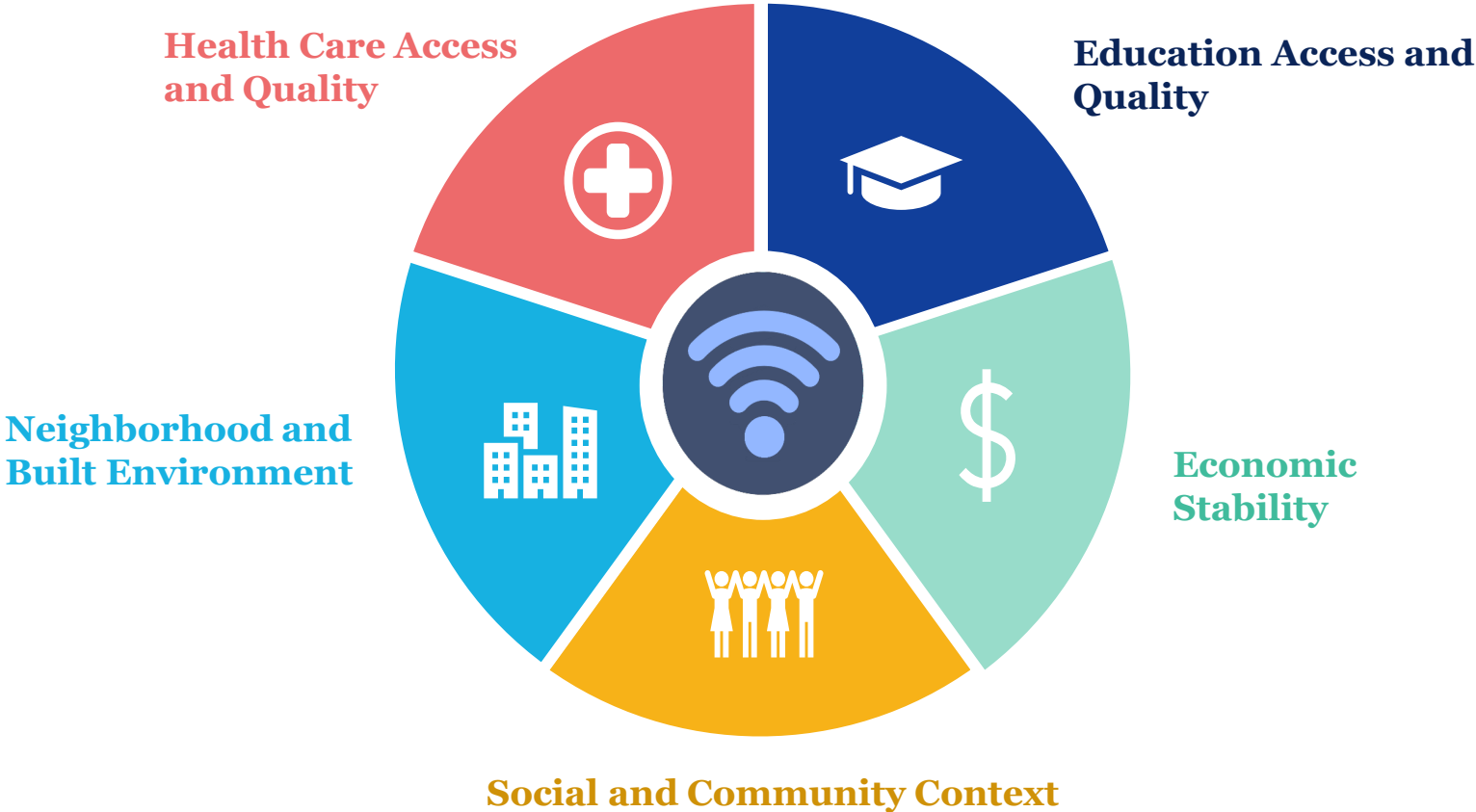
Bipartisan Infrastructure Law

- $1.2T bill passed by Congress and signed into law by President Biden on November 15, 2021

- Largest ever investments in high-speed Internet, rail and transit, clean energy, and water

- Allocated funding to over 350 distinct programs across more than a dozen federal departments and agencies

This historic legislation will:

- Deliver clean water to all families and eliminate the nation's lead service lines
- Ensure every American has access to affordable, reliable, high-speed Internet
- Repair and rebuild roads and bridges
- Improve transportation options and reduce greenhouse emissions
- Upgrade our nation's airports and ports to strengthen our supply chains

- Make the largest investment in passenger rail since Amtrak's creation
- Build a national network of electric vehicle chargers
- Upgrade power infrastructure to deliver clean, reliable energy
- Make infrastructure resilient against the impacts of climate change, cyber-attacks, and extreme weather events
- Deliver the largest investment in tackling legacy pollution in US history

Please see Build.gov for more details on the Bipartisan Infrastructure Law

Digital equity and the social determinants of health

Health Care Access and Quality

Education Access and Quality

Neighborhood and Built Environment

Economic Stability

Social and Community Context

NTIA will administer ~$48B through four programs that drive high-speed Internet access, affordability, and adoption

NTIA will administer ~$48B of funding from the Bipartisan Infrastructure Law

BEAD	DIGITAL EQUITY	TRIBAL	MIDDLE MILE
$42.45B	**$2.75B**	**$2.00B**	**$1.00B**
Broadband Equity, Access & Deployment Program	**Digital Equity Act**	**Tribal Connectivity Technical Amendments**	**Enabling Middle Mile Broadband Infrastructure**
A program to get all Americans online by funding partnerships between states or territories, communities, and stakeholders to build infrastructure where we need it to and increase adoption of high-speed Internet.	Three programs that provide funding to promote digital inclusion and advance equity for all. They aim to ensure that all communities can access and use affordable, reliable high-speed Internet to meet their needs and improve their lives.	A program to help tribal communities expand high-speed Internet access and adoption on tribal lands.	A program to expand middle mile infrastructure, to reduce the cost of connecting unserved and underserved areas.

FCC to administer $14.2B
For Affordable Connectivity Program, which replaced the EBB program

USDA to administer $2.0B
Via the Rural Utilities Service

Private Activity Bonds $0.6B
Authorizes State and local governments to use private activity bonds for rural broadband

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BEAD program will provide ~$42.45B for infrastructure planning and implementation

Funding pool
$42.45B

A program to get all Americans online by funding partnerships between states or territories, communities, and stakeholders to build infrastructure where we need it to and increase adoption of high-speed Internet.

PROGRAM HIGHLIGHTS

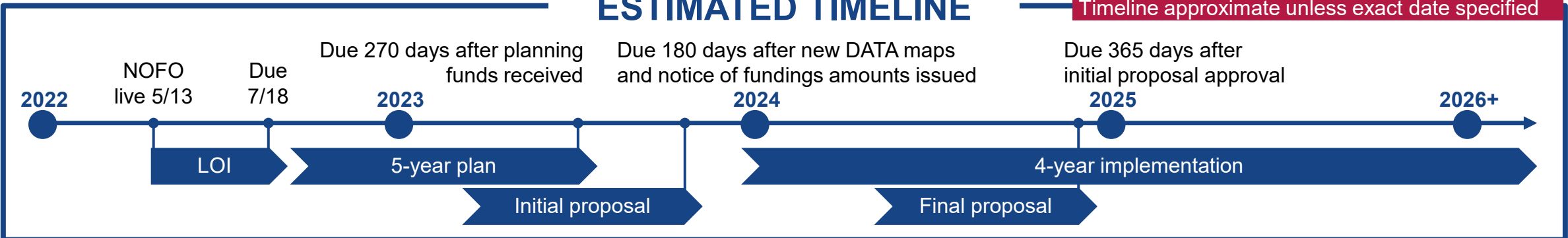**Entities eligible to apply for this program include:**
- All 50 States
- The District of Columbia and Puerto Rico
- Other Territories: U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

Example eligible uses of funds include:
- ☆ Planning for deployment of Internet
- ☆ Deploying or upgrading Internet
- ☆ Installing Internet in multi-tenant buildings
- ☆ Implementing adoption and digital equity programs
- ☆ Workforce and job training

ESTIMATED TIMELINE

Timeline approximate unless exact date specified

| 2022 | NOFO live 5/13 | Due 7/18 | Due 270 days after planning funds received 2023 | Due 180 days after new DATA maps and notice of fundings amounts issued 2024 | Due 365 days after initial proposal approval 2025 | 2026+ |

- LOI
- 5-year plan
- Initial proposal
- Final proposal
- 4-year implementation

Digital Equity Act created three programs to promote digital equity and inclusion

Funding pool
$2.75B

Three programs that provide funding to promote digital inclusion and advance equity for all. They aim to ensure that all communities can access and use affordable, reliable high-speed Internet to meet their needs and improve their lives.

PROGRAMS HIGHLIGHTS

The Digital Equity Act created three programs:

State Planning
- $60M formula funding program to develop digital equity plans

State Capacity
- $1.44B formula funding program to implement plans & promote digital inclusion

Competitive
- $1.25B to implement digital equity and inclusion activities

Example eligible uses of funds include:

- Developing digital equity plans; states must develop a plan to be eligible for state capacity grants
- Implementing digital equity plans and related activities

- Making awards to other entities to help make digital equity plans
- Providing digital literacy and digital skills education

- Improving accessibility and inclusivity of public resources
- Facilitating the adoption of high-speed Internet

ESTIMATED TIMELINE

Timeline approximate unless exact date specified

Competitive Program launches within 1 month of first Capacity awards

2022   NOFO live 5/13   Due 7/12   **2023**   **2024**   **2025**   **2026+**

Planning app | 1-year state planning

State cap. app | 5-year state capacity implementation

Comp. app | 4-year competitive im

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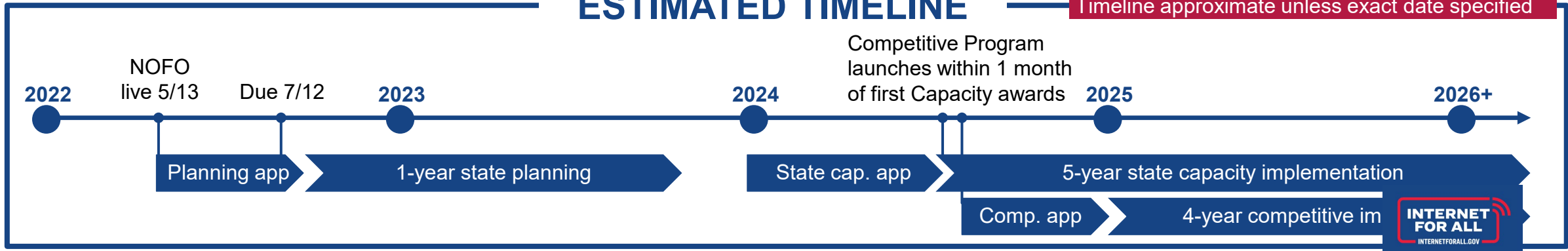
Digital inequity disproportionally impacts our stakeholders

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DE & BEAD
Covered Populations and Underrepresented Communities
Identity groups and communities disproportionally impacted by digital inequity

- Low-income households
- Aging individuals
- Incarcerated individuals
- Veterans
- Persons of Color

- Indigenous and Native American persons
- Members of ethnic and religious minorities
- Women
- LGBTQI+ persons
- Persons with disabilities

- People with language barriers
- Racial and ethnic minorities
- Rural inhabitants
- Persons adversely affected by persistent poverty or inequality

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BEAD NOFO

DRAFT | PRE-DECISIONAL

Potential to engage a large and diverse group of stakeholders

Potential stakeholders include any individuals, groups, and/or organizations **involved in, impacted by, or interested in** State and Local broadband efforts

Public service stakeholders

Federal government

Localities
(counties, cities, & other political subdivisions)

State agencies
(e.g., housing, transportation, and public works)

Tribal governments

Elected officials

Public utilities commissions

Private sector stakeholders

Broadband service providers

Economic development organizations and/or chambers of commerce

Local businesses

Community-serving stakeholders

Nonprofit organizations

Community anchor institutions
(e.g., libraries, academic institutions, healthcare institutions)

Community-based organizations

Coalitions or associations
of any stakeholders

Community activists, residents, and other community leaders

Faith-based organizations

Strong stakeholder engagement can support the development of an inclusive, ambitious, and responsive broadband plan grounded in a deep understanding of community needs

DRAFT | PRE-DECISIONAL

Technical amendments and new funding will strengthen current Tribal Broadband Connectivity Program

Funding pool
$2.00B

A program to help tribal communities expand high-speed Internet access and adoption on tribal lands.
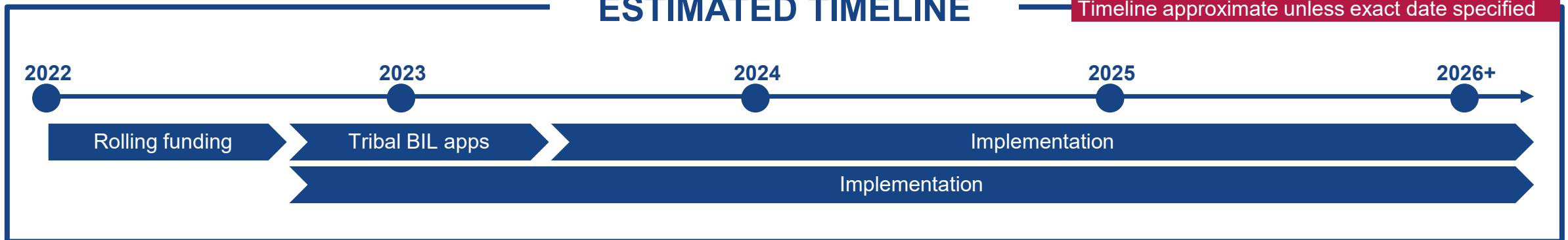
PROGRAM HIGHLIGHTS

New funding will be used for additional new grants and to fully fund grants from first round of awards

Amendments to original program:

- Relaxes time requirements of original program
- Allows infrastructure grantees to spend up to 2.5% of the total project cost for related planning, feasibility and sustainability studies
- Preserves unused allocated funds for other Tribal broadband projects instead of reverting to the Treasury

ESTIMATED TIMELINE

Timeline approximate unless exact date specified

2022 — 2023 — 2024 — 2025 — 2026+

Rolling funding → Tribal BIL apps → Implementation

Implementation

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Middle Mile Grant Program will invest in the construction, improvement or acquisition of middle mile infrastructure

Funding pool
$1.00B

A program to expand middle mile infrastructure, to reduce the cost of connecting unserved and underserved areas.

PROGRAM HIGHLIGHTS

Middle mile infrastructure refers to the mid-section of Internet infrastructure that carries large amounts of data at high speeds over long distances and connects the "backbone" of Internet infrastructure to the "last mile", which connects to end users
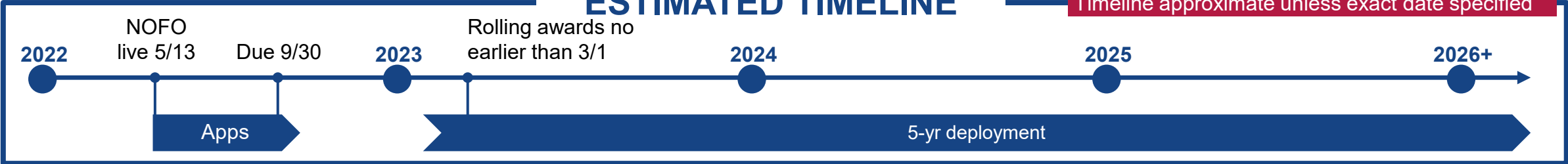
Entities eligible to apply include a wide variety of entities, incl. but not limited to government entities, utilities, companies, and non-profits that provide Internet services

Example uses of funds:

- ✪ Construction, improvement or acquisition of facilities and equipment
- ✪ Engineering design, permitting and work related to projects
- ✪ Personnel costs, including salaries and benefits
- ✪ Other costs necessary to program's activities

ESTIMATED TIMELINE

Timeline approximate unless exact date specified

2022
NOFO live 5/13
Due 9/30
2023
Rolling awards no earlier than 3/1
2024
2025
2026+

Apps

5-yr deployment

Source: California Department of Technology, "What is the middle mile"?

Contact Information

Eric Forsch

Federal Program Officer – Idaho and Oregon

National Telecommunications and Information Administration
Office of Internet Connectivity and Growth

M: 202-993-5148
E: eforsch@ntia.gov

Additional resources about the programs

1. Visit the InternetForAll.gov for additional information on federal funding programs

2. Engage with your State or territory regarding their plans to improve high-speed Internet access

3. Submit questions to InternetForAll@ntia.gov.

4. Attend future NTIA webinars, including program-specific application guidance webinars for applicants