

Oregon Broadband Office

Joint Legislative Committee on Information Management and Technology

December 2022

<http://broadband.oregon.gov/>



Topics

- Overview
- Programs and Funding
- Mapping
- Timeline

Broadband Office Overview

14 Statutory Responsibilities

- (a) Advocate for the adoption of public policies that close the continuing digital divide by removing barriers to and supporting broadband infrastructure deployment;
- (b) Develop broadband investment and deployment strategies for unserved and underserved areas;
- (c) Promote private sector, public sector and cooperative broadband solutions;
- (d) Support and promote local and regional broadband planning;
- (e) Promote technology and service provider neutrality by focusing on desired outcomes rather than specific technological solutions;
- (f) Pursue and leverage federal sources of broadband funding to achieve state goals related to broadband;
- (g) Manage and award funds allocated to the Oregon Business Development Department for use by the office for broadband projects;
- (h) Engage with a stakeholders representing a wide variety of interests, including but not limited to elected officials, government officials, healthcare providers, educators, business and agricultural community leaders and other

14 Statutory Responsibilities

...broadband service, to facilitate communications and collect information necessary to help make a business case for broadband investments;

(i) Promote digital literacy, equity and inclusion;

(j) Generate public awareness of the value of broadband technologies and applications;

(k) Promote adoption and utilization of broadband technologies and applications;

(L) Develop, maintain and provide public access to: (A) A statewide broadband map as a platform for data collection to track the availability of broadband services and to measure progress; and (B) Other information relating to broadband;

(m) Convene relevant state and federal agencies and advise the Governor, state agency leadership and the Oregon Congressional Delegation on actions to leverage state government activities to pursue state goals related to broadband; and

(n) Support and coordinate efforts with the Oregon Broadband Advisory Council

Broadband Office Timeline

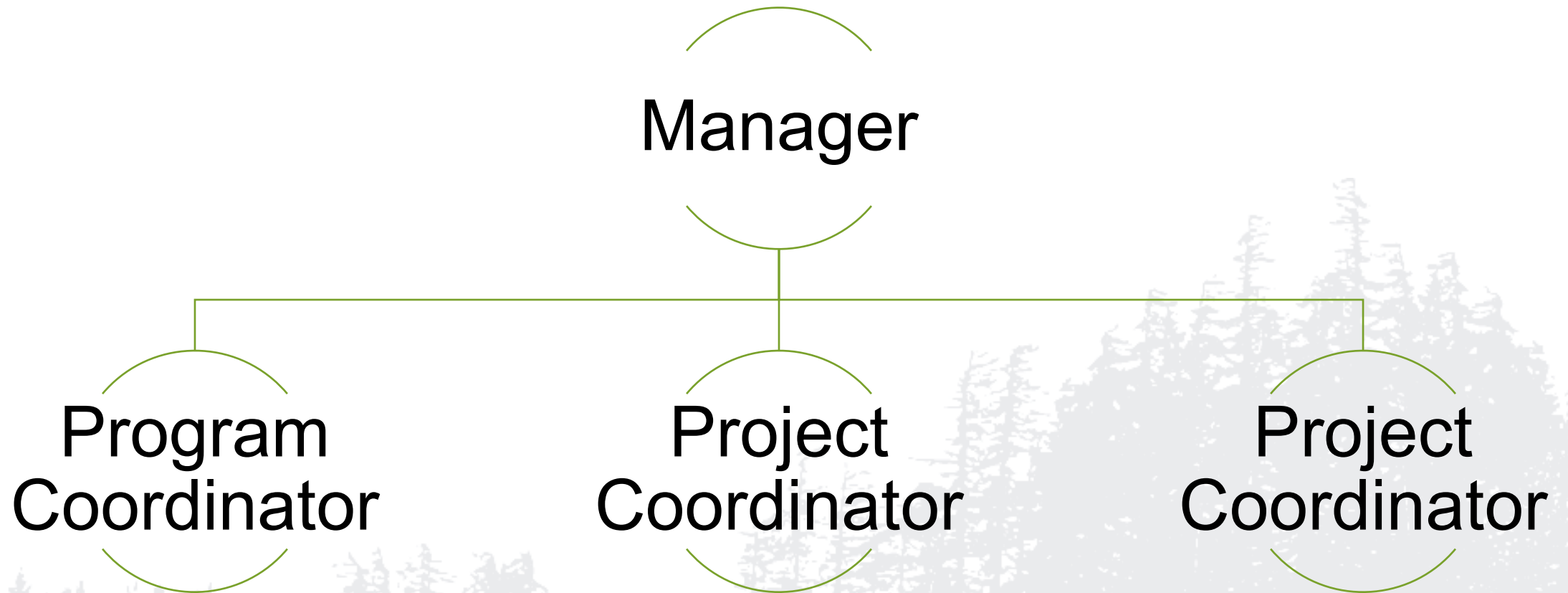
2019 – Data, map and plan development (1 FTE)

2020 – Plan issued, COVID response program (1 FTE)

2021 - Funding and staff case and budget (1 FTE)

2022 – Program development and federal grant applications (4 FTEs)

2022 Broadband Office Team



Sept. E-board New Authorized Positions

- Digital Equity Coordinator
- Broadband, Equity, Access and Deployment Coordinator
- Project Coordinators (x2)
- Grant Manager
- GIS Analyst
- Broadband Communications Specialist
- Accountant

Activities 2022



Program Development -
Technical Working
Group



Program Development –
Listening Sessions



Draft rules and
handbooks



Applied for State Digital
Equity Planning grant



Applied for Broadband
Equity, Access and
Deployment planning
Grant



Submitted Capital
Projects Grant Plan

Activities 2022, continued



Continued
recruitment/hiring of
vacant position



Continued community
presentations



Mapping Project



Preparing for the next
biennium's budget

Broadband Office

Programs and Funding

Funding

- \$500K, Economic Development Administration Grant for Broadband Mapping
SECURED (Federal)
- \$1.5M, Oregon Broadband Fund (Universal Service) **SECURED (State)**
- \$157M, American Rescue Plan Act Capital Projects
IN-PROGRESS (Federal)
- \$782K+Formula, Infrastructure Bill – Digital Equity
SECURED \$782K, Remaining \$ IN-PROGRESS (Federal)
- \$100M+Formula, Infrastructure Bill – Broadband Equity, Access & Deployment
SECURED \$5M, Remaining \$ IN-PROGRESS (Federal)

Broadband Program Development:

Two new programs

1

Broadband Technical Assistance Program - \$1.5M

- Funded using transfer from Universal Service Fund to Broadband Fund
- Pending Rules & Handbook adoption, will launch Winter '23

2

ARPA CPF: Broadband Deployment Program - \$157M

- Not yet funded, application to US Treasury submitted 9/22
- Presented for discussion, comment; but not yet seeking adoption

Draft Documents to Review

1

Broadband Technical Assistance Program (BTAP)

DRAFT



Administrative Rules

DRAFT



Program Handbook (Rules)

2

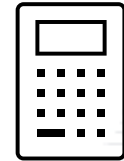
ARPA CPF: Broadband Deployment Program

DRAFT



Program Handbook (Rules)

DRAFT



Scoresheet

Documents Available at:
Broadband.Oregon.gov

Adoption Process

1

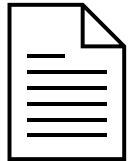
Broadband Technical Assistance Program (BTAP)

DRAFT



Administrative Rules

DRAFT



Program Handbook (rules)

- Administrative Rules and Handbook presented to:
 - OBAC
 - Public
- Public Comment period closed on October 28
- OBAC will advise on trending comments and best practices on December 15
- OBDD after considering comments; making necessary revisions will move toward adoption If adopted, will provide Technical Assistance funds Spring 2023

Broadband Technical Assistance Program (BTAP) Handbook

Funding

Oregon Universal Fund transfer to Broadband Fund (\$1.5M for '22)

Purpose

Provide eligible applicants with one of the following types of Technical Assistance:

- Strategic Planning
- Feasibility Study
- Business Plan
- Pre-Engineering

BTAP Details

Eligible Applicants

- Municipalities (as defined in ORS 285B.410(9))
- Electric Co-Operatives
- Nonprofit organizations
- Municipal affiliates (economic development corporations, regional planning and development councils, councils of government)
- Each of the Nine federally recognized Tribes in Oregon (or their respective Tribal Council or their respective business entity)
- Private for-profit providers are ineligible (they may however partner with one of the above eligible applicants)

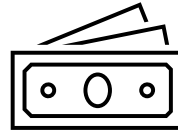
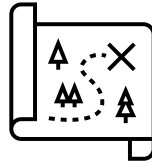
BTAP Details

Level 1: Strategic Planning

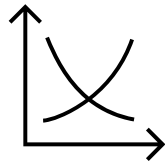


Least complex application requirements

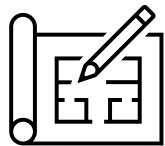
Level 2: Feasibility Study



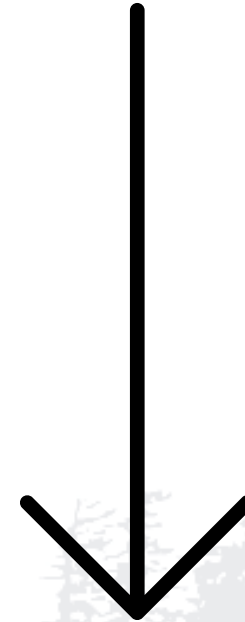
Level 3: Business Planning



Level 4: Pre-Engineering



More complex application requirements



ARPA Capital Projects Fund: Broadband Deployment Program Handbook

Funding

American Rescue Plan Act: Capital Projects Fund for States

- US Treasury provides funding to states after they submit programs and grant plans that comply with Federal Guidance

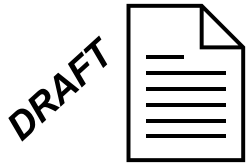
Purpose

To develop broadband infrastructure capable of serving locations currently lacking high-speed internet.

Adoption Process

2

ARPA Capital Projects Fund: Broadband Deployment Program



Program
Handbook
(rules)

- Administrative Rules and Handbook presented to:
 - OBAC
 - Public
- Public Comment period closed on October 28
- OBAC will advise on trending comments and best practices on December 15
- US Treasury to comment on handbook
- Oregon Legislature to consider fix to SB 1603
- OBDD after considering comments; making necessary revisions will move toward adoption If adopted, launch program summer/fall '23

Broadband Deployment Program (BDP) Handbook

Eligible Locations

Lacking a wired connection reliably capable of 100/20 Mbps.

Unserved (prioritized) Locations

Lacking a wired connection reliably capable of 10/1 Mbps.

Ineligible Location

Currently served by a wired connection that reliably delivers 100/100 Mbps.

Broadband Deployment Program (BDP) Handbook

Eligible Applicants

- Municipalities (including Tribes)
- Private & for-profit
- Electric utilities
- Co-Operatives
- Municipal affiliates (EDD's, COG's, etc.)
- Non-profits

Eligible Projects

- Broadband infrastructure projects that will provide 100/100 Mbps service to end-users currently lacking 100/20 Mbps.
- Wired or wireless, so long as Service Quality requirements are met (details in handbook)
- Middle mile projects must be associated with a last-mile build.

Broadband Deployment Program (BDP) Handbook

Application Process

1: Short-Form Application

- Submit basic geographic information
- Describe the proposed project in basic terms
- Posted online for public, incumbent providers, and other applicants to review/comment/negotiate



30 days
between
Short &
Long

2: Long-Form Application

- Submit finalized, location-specific geographic information
- Submit full application packet including all required Application Contents
- Full applications posted online and challenge period begins

Broadband Deployment Program (BDP) Handbook

Scoring Process

Long-Form Application

- Maximum score = 100%
- Application submissions should contain all elements from “Application Contents” section of Handbook
 - *(pages 13-15 of Draft Handbook)*

Infrastructure Proposal Scoring

Proposed Infrastructure Project

- Project Score calculated on:
 - Service speed (Mbps)
 - Unserved locations served
 - Cost to end user
 - Match %
 - # of State/Fed priorities met by project
 - Pgs 10-11 of Draft Handbook

Deployment Characteristics	# of locations	Points explained	
Total Number of Eligible Addresses proposed	500		
Number of Addresses lacking 10/1 Mbps service (Unserved)		1 location = 5 points	0
Number of Addresses currently between 10/1 and 100/20 (= [#Eligible] - [#Unserved])	500	1 location = 2 points	1000
Number of Addresses proposed to receive service better than 100/100	500	1 location = 5 points	2500
Number of Addresses proposed to receive service better than 100/20		1 location = 2 points	0
Points for Deployment			3500

Service Cost			
Monthly cost of 100/100 package (regular, non-introductory price) *,**	\$ 49.00	Price <= \$30?	FALSE
*: Price before ACP factored in. This price must remain in place through the life of the Award (estimated December 2026)		Price <= \$50?	TRUE
		<=\$30.00/mo = 5 points per location capable of achieving 100/100;	0
		\$30.00 - \$50.00/mo = 2 points per location	1000
**: Must include at least 1.2TB data per month at full speeds			
Points added for End-User Pricing			4500

Value populates if price is at or below 30 AND service is 100/100

Value populates if price is between 30 and 50 AND service is 100/100

Match	Percentage Match	
Match Amount	\$ 750,000	25%
Total Estimated Project Cost (including Match)	\$ 3,000,000	
Points added for Match		2500

Add 100 points per 1% match

Priorities			
Unserved Locations	<input checked="" type="checkbox"/>	TRUE	
Greater than 100/100 Mbps	<input checked="" type="checkbox"/>	TRUE	
Affordability beyond ACP	<input checked="" type="checkbox"/>	TRUE	
Regional Scale Considerations	<input checked="" type="checkbox"/>	TRUE	
Muni/Co-Op/Non-Profit Affiliated	<input checked="" type="checkbox"/>	TRUE	
High level of Readiness	<input checked="" type="checkbox"/>	TRUE	
Census Tract w/ Digital Inequity	<input checked="" type="checkbox"/>	TRUE	

Priorities Met	7	Each Checkbox adds 5% multiplier to score
% Bonus applied	35%	

Raw Project Score	10,500	Percentage score from Application Contents
Total Project Score	14,175	Add 5% to score for each Priority met by Project and Application
Application Contents Score	100%	Determined by review of Long-Form Application
Overall Score	14,175	[Score after Priorities] * [Application Contents Score %]
Score Per Location	28.35	Points per location helps the Department compare projects of all sizes.

Interactive Spreadsheet
available at:
Broadband.Oregon.gov

Broadband Deployment Program (BDP) Handbook

Raw Project Score	10,500	Percentage score from Application Contents
Total Project Score	14,175	Add 5% to score for each Priority met by Project and Application
Application Contents Score	100%	Determined by review of Long-Form Application
Overall Score	14,175	[Score after Priorities] * [Application Contents Score %]
Score Per Location	28.35	Points per location helps the Department compare projects of all sizes.

Example Project

- Proposing to build 100/100 service to 500 locations currently served at 10/1
- Scored 10,500 points based on details entered into the spreadsheet.
- Achieved all 7 priorities for a 35% bonus
- Met all Application Contents requirements for 100%

Department will rank projects based on:

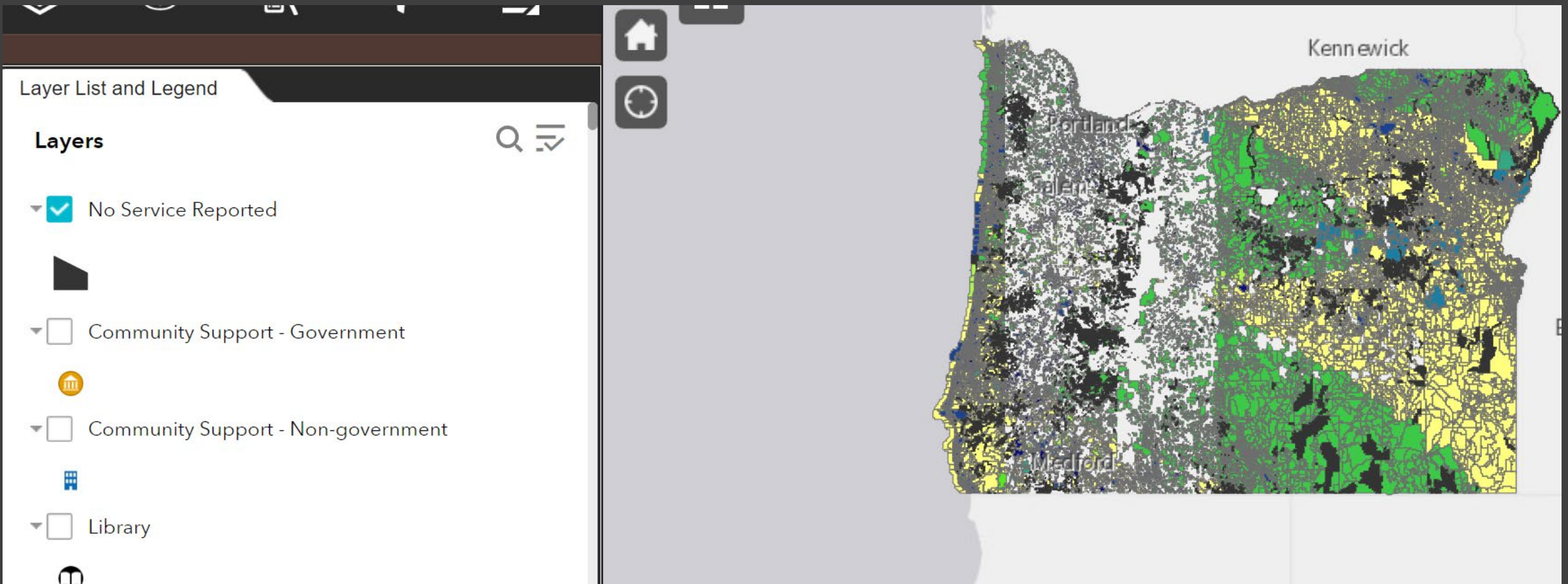
- Overall Score
- Score per location

October Draft Document Outreach:

- Oct 5: Oregon Broadband Advisory Council
- Oct 6-7: Oregon Connections Telecommunications Conference
- Oct 14: Willamette Valley Broadband Event
- Oct 14: Statewide Broadband Action Teams (BAT) Leadership Meeting
- Oct 23-25: Oregon Brownfields & Infrastructure Summit
- Oct 26: State/Tribal Economic Development & Community Services Cluster Meeting

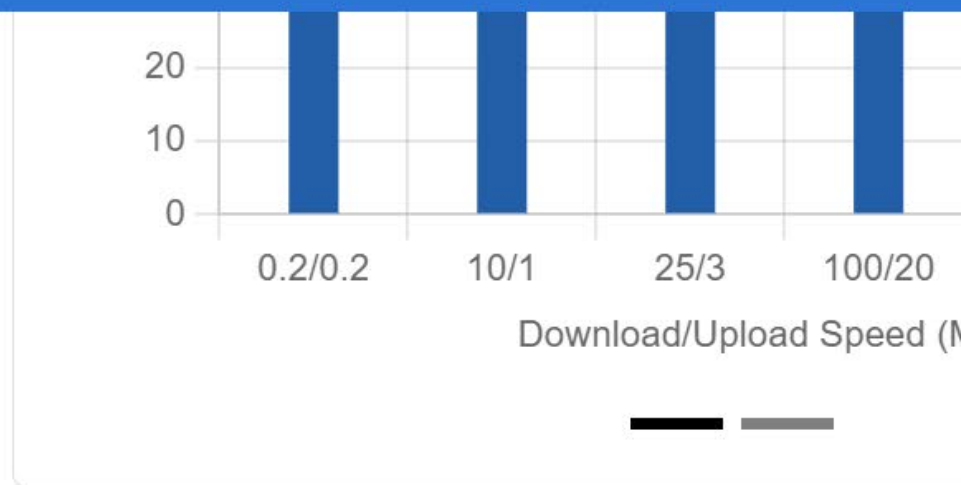
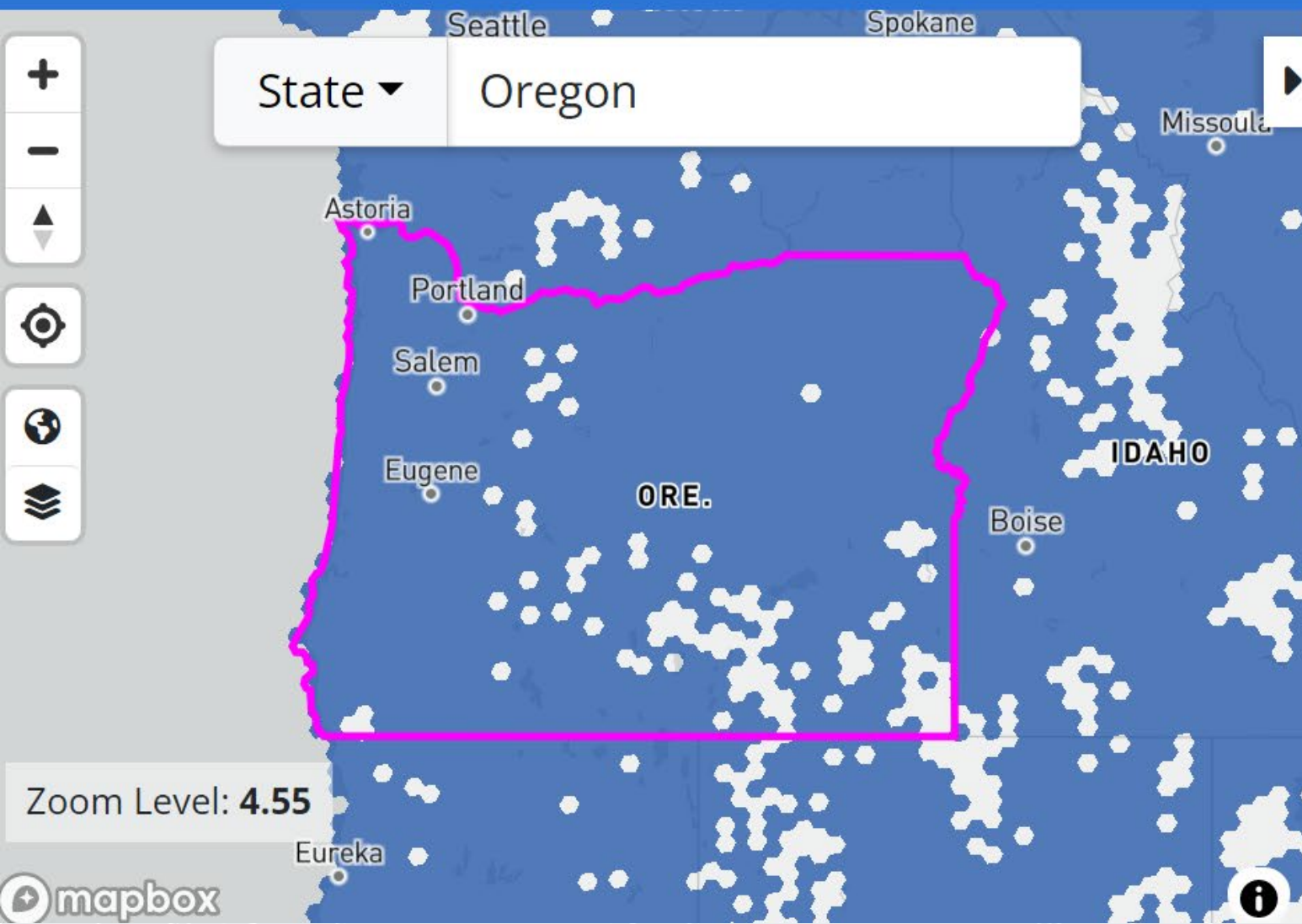
Broadband Office

Mapping and data



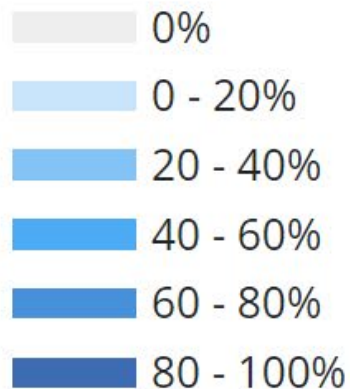
Oregon Broadband Map

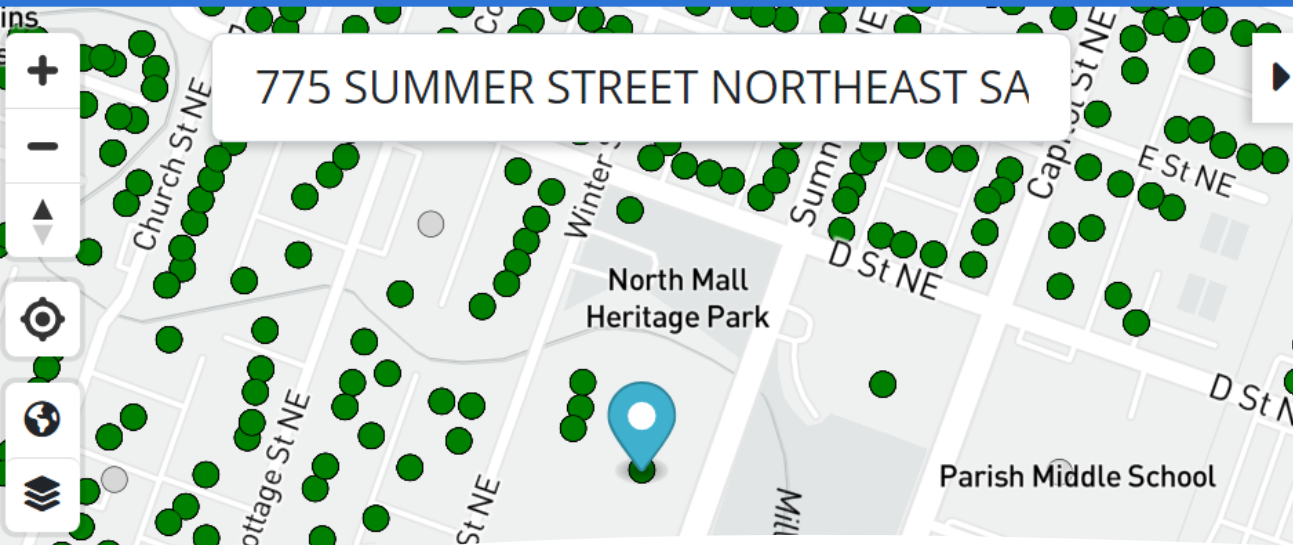
- Search by provider, technology, address, geography and distance



Map Legend

Served Units Percentage





Fixed Broadband

Mobile Broadband

Selected Location

775 SUMMER ST NE
SALEM, OR 97301

[Location Challenge](#)

Status: **Served** | Business | Unit Count: 9

**Governments
and individuals
can challenge
data best by
1/13/23**

- Incorrect Location Address
- Incorrect Location Unit Count
- Location is not within Correct Building Footprint
- Location is Not Broadband Serviceable
- Add additional address for the location
- Incorrect Location Building Type

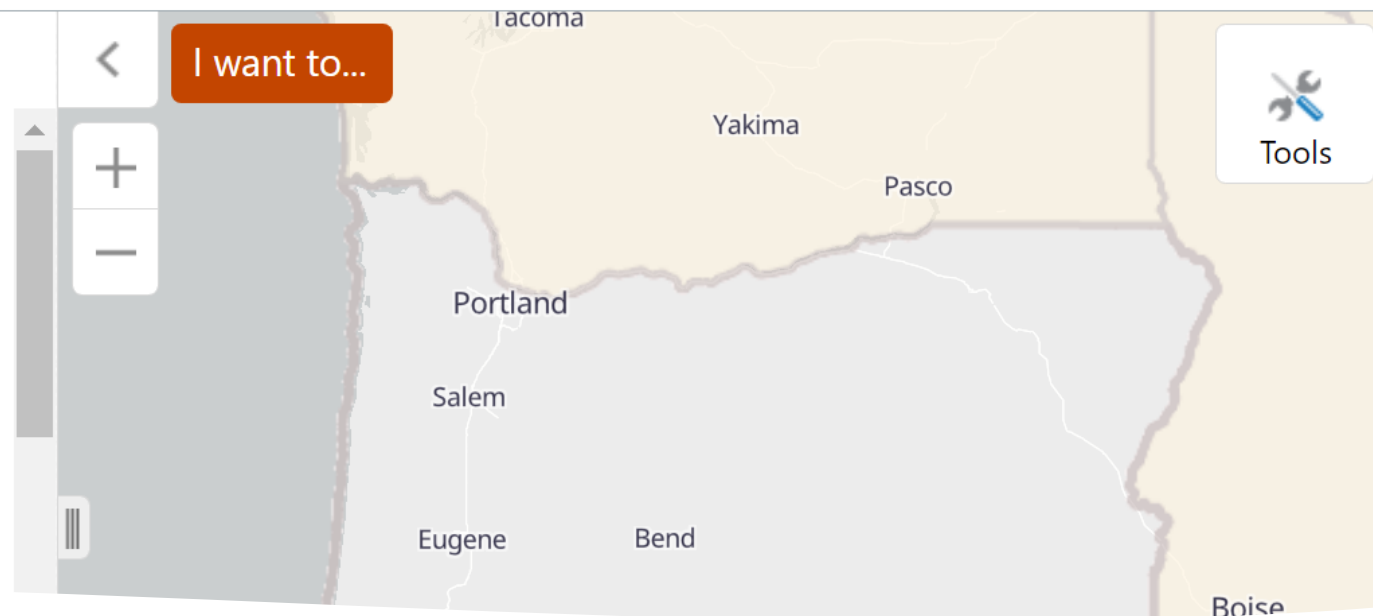


Home

Welcome to the Oregon Broadband Mapping Project!

>> [Submit Broadband Project](#) <<

The Business Oregon Broadband Grant Application Portal publicly tracks the availability of broadband service, intakes grant applicant information, and displays proposed and awarded broadband deployment projects. The map of broadband service availability uses the latest data reported by service providers to the Federal Communications Commission (FCC) in addition to other publicly available data.



Grant Application Portal, Phase 1

- Apply for a grant
- Check if an area is presumptively eligible for a grant
- Check where applications are being applied for and by who
- Contact applicants to discuss applications

Broadband Office timeline

American Rescue Plan Act – Capital Projects

- 7/21, OR sets \$120M Spending Limitation
- 9/21, Feds issue Allocation and Guidance
- 12/21, Governor designates DAS, apply/administer
- 2/22, Grant Agreement Issued
- 4/22, OR updates Spending Limitation
- Spring/22, OBO Engages Communities and Industry
- Summer/22, OBO develops Grant and Program
- 9/22, OBO submits Grant and Program Plans to US Treasury

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

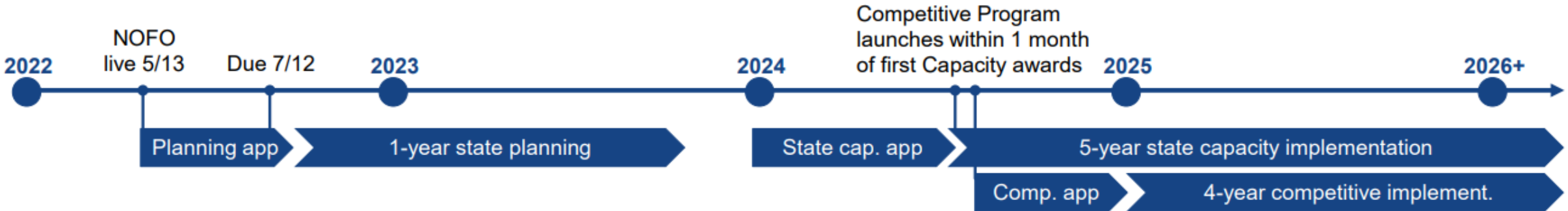
- \$1.25B to implement digital equity and inclusion activities

Example eligible uses of funds include:

- ☆ Developing digital equity plans; states must develop a plan to be eligible for state capacity grants
- ☆ Making awards to other entities to help make digital equity plans
- ☆ Improving accessibility and inclusivity of public resources
- ☆ Implementing digital equity plans and related activities
- ☆ Providing digital literacy and digital skills education
- ☆ Facilitating the adoption of high-speed Internet

ESTIMATED TIMELINE

Timeline approximate unless exact date specified



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:

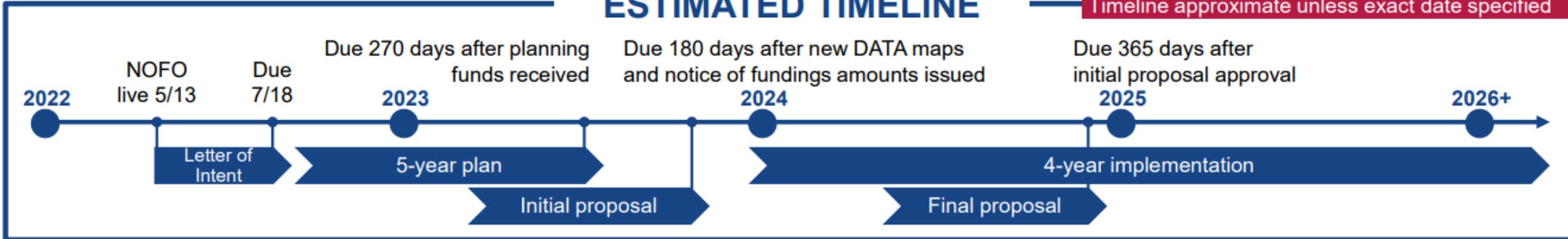
- All 50 States
- The District of Columbia and Puerto Rico
- Other Territories: U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

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



IIJA BEAD & Digital Equity Deadlines

- **5 Year Action Plan**, 270 days from receipt of funds (TBD, using today's date it would be **8/28/23**)
- **Statewide Digital Equity Plan**, 1 year from award which is **11/13/23**
- **Initial Proposal**, 180 days from notice of available amounts (notice will be no later than June 30, 2023 which is **12/27/23**)
- **Final Proposal**, no later than twelve (12) months after the date upon which the Assistant Secretary approves the Eligible Entity's 's Initial Proposal (**2024**)

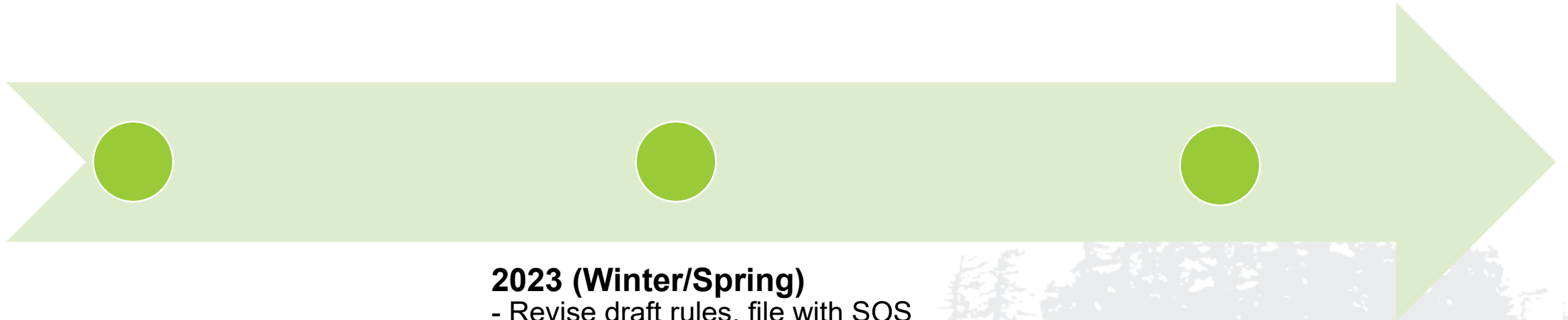
New Program Timelines

2022 (Fall/Winter)

- Submit ARPA CPF Application
- Release Draft Rules & Handbooks and Solicit Feedback & Comments
- OBAC Advises on trending rules comments

2023 (Summer/Fall)

- Receive ARPA Funds for Broadband Deployment Program
- Open ARPA CPF: Broadband Deployment Program



2023 (Winter/Spring)

- Revise draft rules, file with SOS
- Adopt Rules & BTAP Handbook
- Launch BTAP
- Address US Treasury ARPA CPF comments and potential legislation

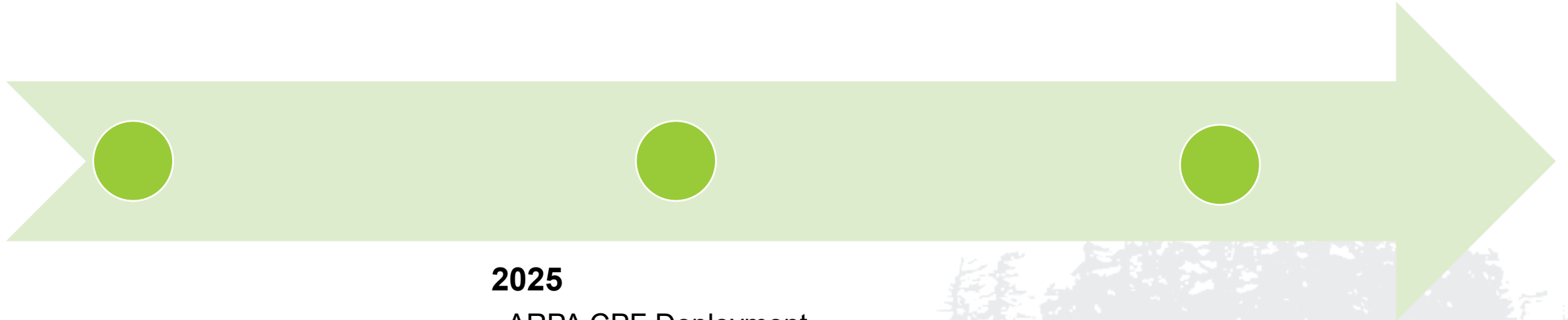
New Programs Timelines, continued

2024

- ARPA CPF Deployment
- Digital Equity Deployment
- BEAD Deployment
- USF Deployment

2026

- ARPA CPF Deployment
- Digital Equity Deployment
- BEAD Deployment
- USF Deployment



2025

- ARPA CPF Deployment
- Digital Equity Deployment
- BEAD Deployment
- USF Deployment