

Thank you for joining us for this Partnership Roundtable Meeting. We will begin shortly.



MICHIGAN DEPARTMENT OF
**LABOR & ECONOMIC
OPPORTUNITY**

MICHIGAN HIGH-SPEED INTERNET OFFICE



Michigan High-Speed Internet Office



- + Created by Executive Directive in June 2021, authorized for funding and staff in April 2022
- + Located within the Prosperity Division of the Department of Labor and Economic Opportunity
- + Michigan's single point of contact for all things broadband and connectivity



WHO
WHAT
WHERE
WHY
HOW
ROBIN
BEAD
SDEPCG
PLANNING
TIMELINE

Mission

Create a more
digitally equitable
Michigan where
everyone can
leverage
technology to
improve their
quality of life.



Framework

- **Digital Equity** is the goal.
- **Digital Divide** is the issue.
- **Digital Inclusion** is the bridge over the divide to achieve equity:
 - Affordable, robust broadband internet service
 - Internet-enabled devices that meet the needs of the user
 - Access to digital literacy training
 - Quality technical support
 - Applications and online content designed to enable and encourage self-sufficiency, participation, and collaboration

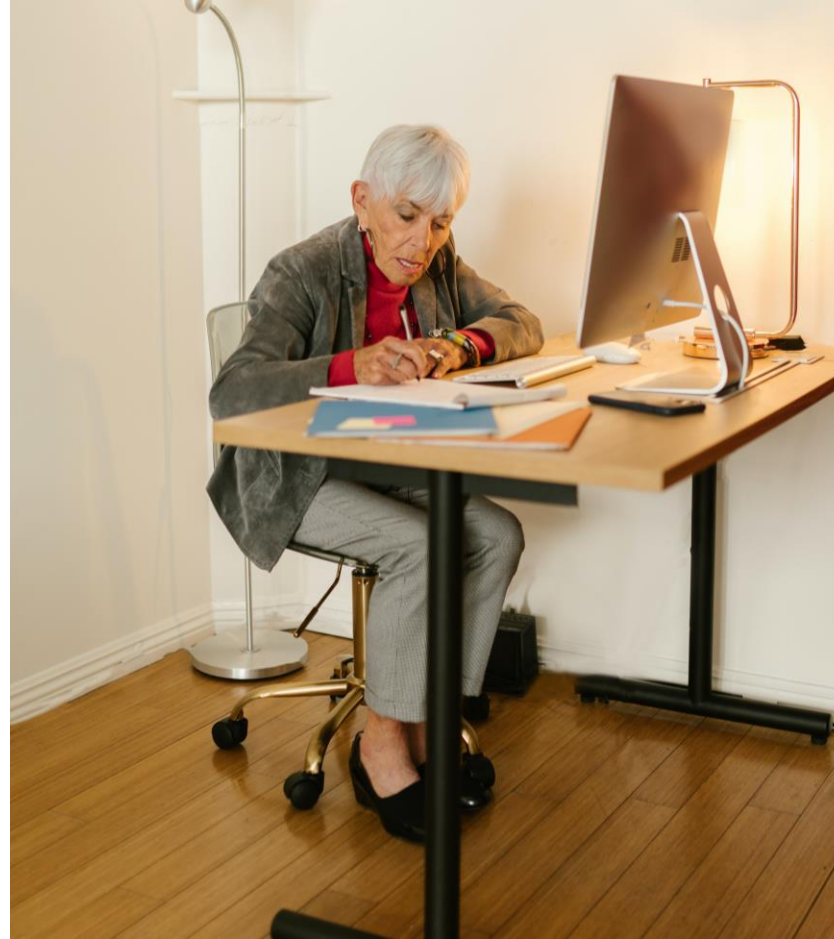


Goals

- + Ensure universal availability of broadband to every home, business, institution, and community
- + Ensure 95% of households adopt a permanent connection at home

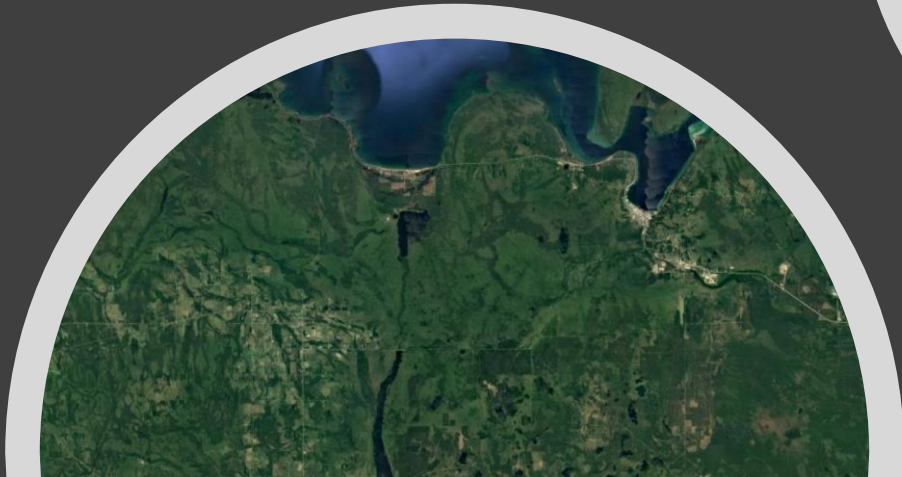
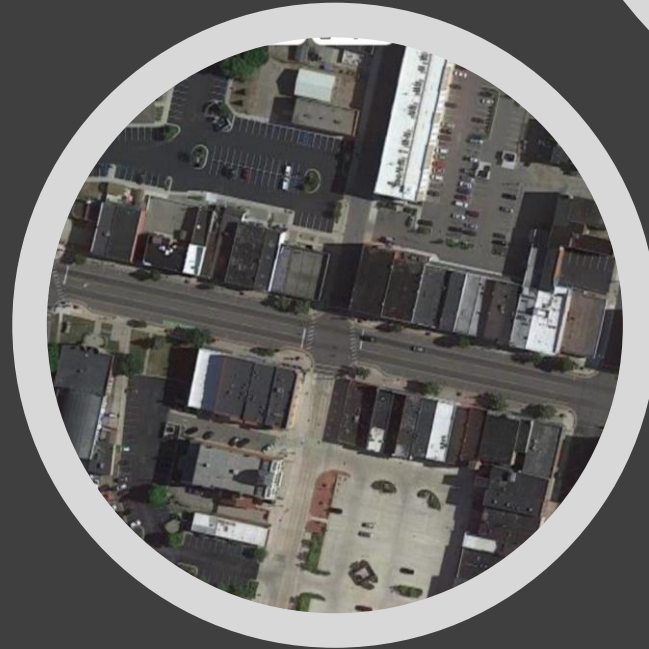
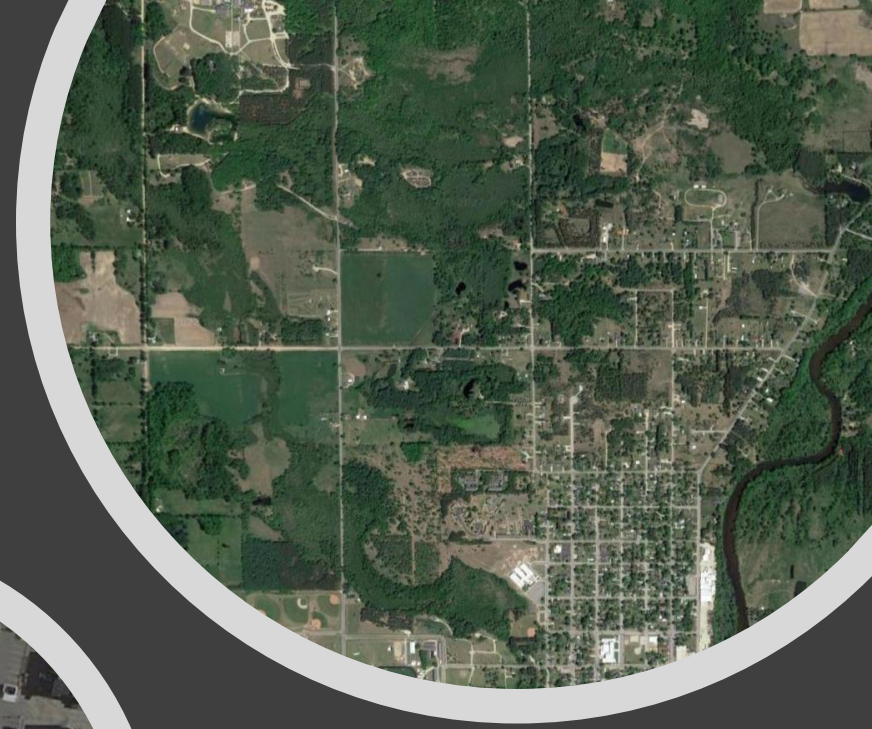
Guiding Principles

- + Creativity
- + Efficiency
- + Transparency
- + Collaboration



Where do we need to do this work?

- + Rural communities
- + Urban centers
- + Small towns
- + Vast open spaces
- + Every corner of our state



Our work is not about technology, it's about people.

- + Every student that had to sit outside a library or McDonald's to access Wi-Fi to complete their schoolwork during the pandemic.
- + Every senior that wants to stay in their home and still have access to world-class healthcare.
- + Every farmer that can't access the latest tech to grow their business.
- + Every entrepreneur that wants to start a small business.
- + Every community that wants to broaden their engagement.
- + Every business that wants to find a new customer base.
- + Every veteran that wants to stay connected with their fellow service members.
- + Every person that's been snowed-in and wants to still work or learn remotely.
- + Every teacher to digitally support their students learning.
- + Every parent who wants to learn a new skill to support their family.
- + Every prior offender looking for a second chance.
- + Every refugee who now calls Michigan home.
- + Every concerned citizen that is homebound and still wants to engage in their community.
- + Every job applicant that had their video interview drop because their internet was too slow.

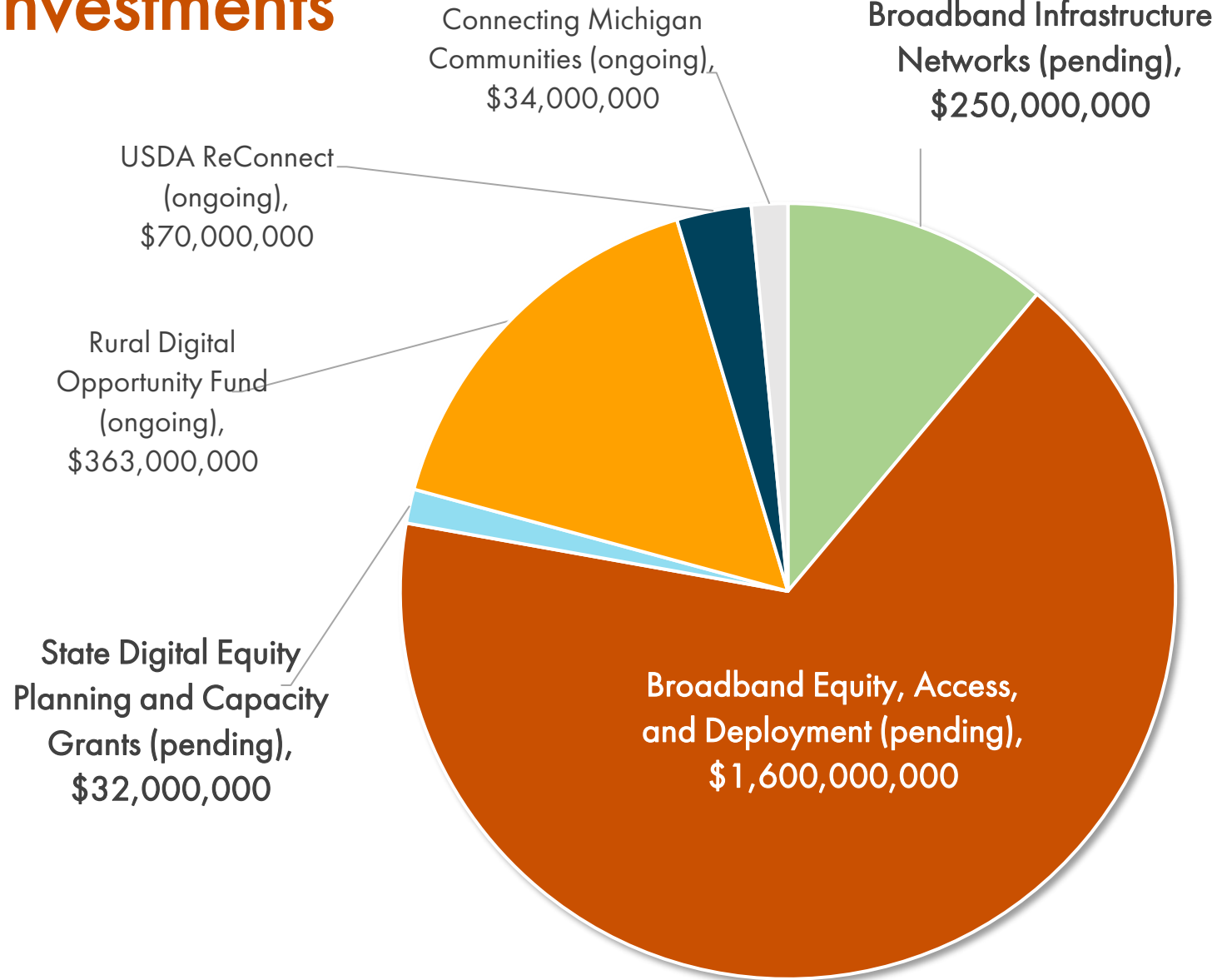


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Historic Federal Investments



WHO
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ROBIN Program

- + Last-mile and middle-mile grant program
- + Unserved defined at 100/20 Mbps
- + Networks must deliver 100/100 Mbps service
- + Funded with \$250M from the Capital Projects Fund
- + Administered by US Treasury
- + Up to 35% of funds can be used for middle mile only projects
- + Anticipated to open the program for applications in winter for deployment next summer
- + Open to internet service providers or communities that have created a public-private partnership with an ISP
- + Grantees must participate in the Affordable Connectivity Program
- + MIHI launching a geospatial platform to support applicants at end of November



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BEAD Program

- + Largest source of broadband funding ever
- + Priority given to building networks that connect unserved and underserved locations and community anchor institutions
- + Exact allocation is not yet known but is estimated to be \$1.5B - \$1.7B, allocation based on new FCC map
- + Implemented as a subgrant program to a variety of entities include private ISPs, non-profits, communities, co-operatives, and others
- + Begins with robust and thorough planning beginning now
- + Subgrants likely to start in early 2024



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State Digital Equity Planning & Capacity Grants

- + Provides states with two opportunities; 1) to create a statewide digital equity plan; and 2) a follow-on program for implementing that plan
- + Planning will begin soon and capacity is expected to follow next year
- + NTIA will also be administering a competitive digital equity grant program to which anyone can apply
- + Designed to address the needs of 'covered populations;' rural residents, aging individuals, low-income households, veterans, those with disabilities, individuals with a language barrier, members of a racial or ethnic minority group, and incarcerated individuals



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MI Connected Future

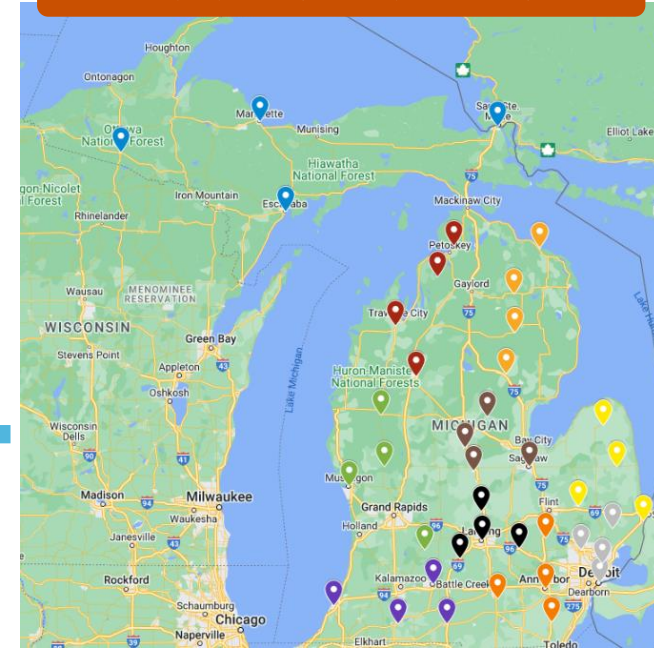
- + Embarking on a comprehensive and robust statewide broadband planning effort
- + Plan will meet the requirements of both the BEAD and SDEPG programs and provide the state with a plan for achieving universal access and improving digital equity
- + MIHI plans to implement multiple communications and feedback streams to ensure we are listening to all of Michigan's diverse voices and identifying solutions that close our gaps



PARTNERSHIP ROUNDTABLE

- Community Anchor Institutions
- Community Organizations
- Covered Populations
- Deployment
- Economic Opportunity
- Internet Service Providers
- Local Government
- State Agencies
- Sustainability
- Tribes
- Workforce Development

COMMUNITY MEETINGS



MI Connected Future Plan

BEAD 5-Year Action
Plan Requirements

State Digital Equity
Plan Requirements

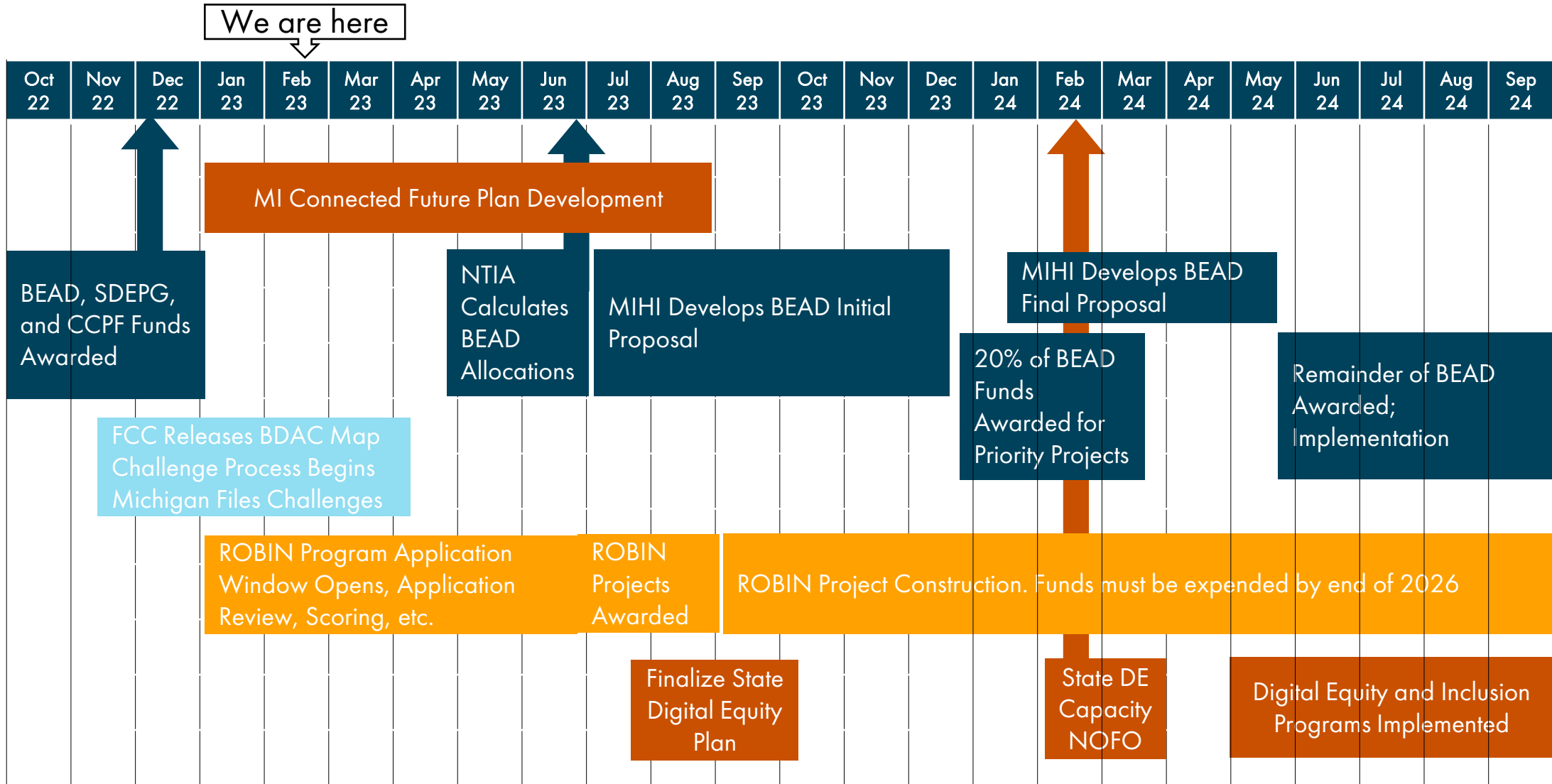


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Estimated Timeline





INTERNET FOR ALL

FUNDED BY THE BIPARTISAN INFRASTRUCTURE LAW

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



•2/21/2023

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
<p>\$42.45B</p> <p>Broadband Equity, Access & Deployment Program</p> <p>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.</p>	<p>\$2.75B</p> <p>Digital Equity Act</p> <p>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.</p>	<p>\$2.00B</p> <p>Tribal Connectivity Technical Amendments</p> <p>A program to help tribal communities expand high-speed Internet access and adoption on tribal lands.</p>	<p>\$1.00B</p> <p>Enabling Middle Mile Broadband Infrastructure</p> <p>A program to expand middle mile infrastructure, to reduce the cost of connecting unserved and underserved areas.</p>

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

BEAD is the largest of the four high-speed Internet programs administered by NTIA

BEAD

\$42.45B

Broadband Equity, Access & Deployment Program

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.

DIGITAL EQUITY

\$2.75B

Digital Equity Act

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.

TRIBAL

\$2.00B

Tribal Connectivity Technical Amendments

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

MIDDLE MILE

\$1.00B

Enabling Middle Mile Broadband Infrastructure

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

BEAD will prioritize Complete coverage of unserved locations and underserved locations (where funding permits), then CAIs



First, Eligible Entities must serve all unserved locations (incl. serving multi-tenant buildings)

- **Unserved locations** without reliable Internet and with download speeds <25 Mbps, upload speeds <3 Mbps, and latency <100ms



Second, Eligible Entities must serve all underserved locations

- **Underserved locations** without reliable Internet and with download speeds <100 Mbps, upload speeds <20 Mbps, and latency <100 ms



Next, NTIA strongly urges Eligible Entities serve Eligible Community Anchor Institutions

- **Eligible Community Anchor Institutions** are entities (e.g., school, library, hospital) that facilitate greater use of high-speed Internet service by vulnerable populations and have download speed <1 Gbps
- **Other eligible uses** include affordability programs, cybersecurity training, workforce development., etc.
- If an Eligible Entity wants to use funds for other eligible uses instead of eligible Community Anchor Institutions, then it must provide a strong rationale

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

PROGRAM HIGHLIGHTS

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.

Entities eligible to apply for this program include:

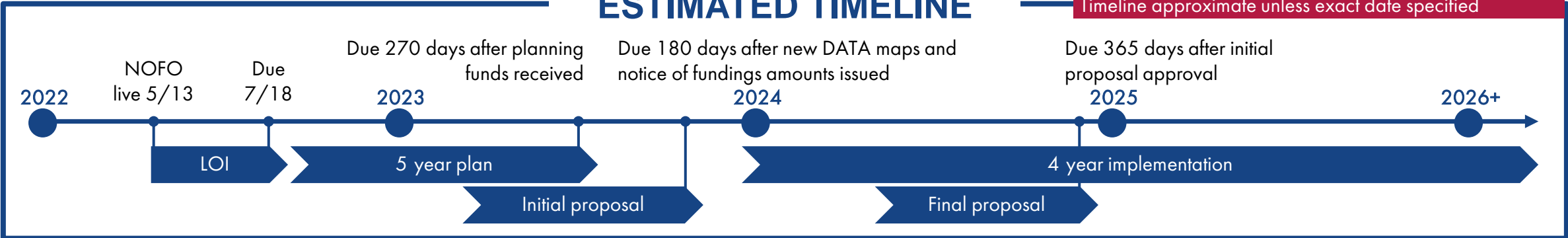
- All 50 States
- The District of Columbia and Puerto Rico
- Other Territories: U.S. Virgin Islands, Guam, American Samoa, and the Commonwealth of the Northern Mariana Islands

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

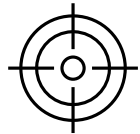
ESTIMATED TIMELINE

Timeline approximate unless exact date specified



Why Does Mapping Matter for the BEAD Program?

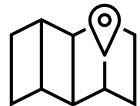
The FCC Maps will provide much of the information used to determine appropriate funding allocation per applicant in the BEAD Program. The maps help identify where funding needs to be distributed, along with providing an opportunity for feedback to improve the maps.



Knowing **where to distribute funds** is central to the process of delivering Internet for All



States (not FCC maps) will determine final eligible project areas based on additional information not in the FCC's map



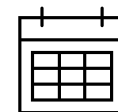
The new map will provide a comprehensive, standardized, highly granular **location-by-location picture of broadband availability**



Any **deficiencies will be cured** at the state level



The FCC will conduct a “clean up” based on **feedback from stakeholders**



ISPs must submit their availability data for the initial Broadband Data Collection filing round **no later than September 1st, 2022**

The Digital Equity Act seeks to promote digital equity and inclusion

BEAD

\$42.45B

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MIDDLE MILE

\$1.00B

Enabling Middle Mile Broadband Infrastructure

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



The Digital Equity Act focuses on addressing the needs of "covered populations" as defined by the statute

Covered Populations

Identity groups and communities disproportionately impacted by digital inequity



Low-income households



People with disabilities



Aging populations



People with language barriers



Incarcerated individuals



Racial and ethnic minorities



Veterans



Rural inhabitants

Programs' funds can be used for different purposes



Uses of State Planning Grant funds

- **Developing State Digital Equity Plans**
- **Making subgrants** to other entities, such as community anchor institutions, municipalities, Indian Tribes, nonprofits, and other organizations, that help develop the Digital Equity Plan



Uses of State Capacity and Competitive Grant funds

- **Updating and implementing State Digital Equity Plans (Capacity)**
- Pursuing **digital inclusion activities**
- Facilitating **adoption** of high-speed Internet
- Implementing **training and workforce development programs**
- Making **equipment and software** for high-speed Internet services available
- Constructing or upgrading **public access computer centers**

State Planning and Capacity funds will be allocated proportionally based on the State's population, share of members of covered populations, and relative lack of availability and adoption among residents

NTIA and the U.S. Census Bureau have collaborated to create the Digital Equity Act Population Viewer, which shows covered population totals for each state and other inputs into the funding formula

The Programs also support the Bipartisan Infrastructure Law's broader goals of improving access, affordability, and adoption



Access



Promotes the **availability of reliable, high-speed Internet technology** through stakeholder outreach and engagement



Advances the **online accessibility of public resources** and services



Affordability



Promotes **awareness of existing programs** (e.g., Affordable Connectivity Program) that **help low-income households afford** high-speed Internet service



Offers **Internet equipment and software at low or no cost**



Adoption and equity



Narrows adoption disparities across covered populations by engaging with diverse stakeholders



Implements **digital inclusion programs** that include digital skills and literacy training, technical support, and workforce development

Additional resources about the programs

- 1 Visit the [InternetForAll.gov](https://www.InternetForAll.gov) for additional information on federal funding programs
- 2 Engage with the Michigan High Speed Internet Office at <https://www.michigan.gov/leo/bureaus-agencies/mihi>
- 3 Submit questions to InternetForAll@ntia.gov or the Federal Program Officer for Michigan at bfineman@ntia.gov.
- 4 Attend future NTIA webinars, including program-specific application guidance webinars for applicants

Ben Fineman

Federal Program Officer – Supporting Michigan

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PARTNERSHIP ROUNDTABLE



MICHIGAN DEPARTMENT OF
LABOR & ECONOMIC
OPPORTUNITY

OUR ASKS

Listen - Consider - Share

Step Up - Step Back

SURVEY

What does a “connected future” look like in Michigan?

What will Michiganders be able to do/see when our state has reached the goal of digital equity?

What should be the top two priorities for how Michigan spends BEAD and DEA funding?

SURVEY

Please complete the survey available at:
<https://forms.office.com/g/Sr9qUdQuuD>



SURVEY

What does a “connected future”
look like in Michigan?



MICHIGAN DEPARTMENT OF
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SURVEY

What will Michiganders be able to do/see when our state has reached the goal of digital equity?



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SURVEY

What should be the top two priorities for how Michigan spends BEAD and DEA funding?



MICHIGAN DEPARTMENT OF
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What Comes Next?

Deployment Equity (Infrastructure Access)

Affordability

Workforce Development

Digital Skills & Tech Savvy

MI Connected Future Plan Review



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MichiganLEO



MichiganLEO

What Comes Next?

Next meeting dates: March 14th and March 16th

“Homework”: Who else should be here?

Feedback: RandallJ8@michigan.gov



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