



WEST VIRGINIA

Economic Development

WestVirginia.gov

West Virginia's Broadband Investment Plan

**Line Extension Advancement and Development (LEAD) – Round 2
Program Overview
February 17, 2023**

This Webinar Will Be Recorded

DISCLAIMERS

- The LEAD Program will use funding allocated to the State of West Virginia under the American Rescue Plan Act (ARPA). Program parameters are subject to ARPA, U.S. Treasury Rules, and other federal and state requirements
- Visit broadband.wv.gov and the U.S. [Treasury's website](#) for additional information.

KEY DOCUMENTS TO REVIEW AND UNDERSTAND

DOCUMENTS HAVE BEEN PUBLISHED OR WILL BE SHORTLY AFTER PROGRAM LAUNCH

1. Program Procedures
2. Guide to Reporting and Compliance Obligations for West Virginia ARPA Broadband Investment Plan Subrecipients
3. Target Address Maps
4. Application questions and required documents template in ZoomGrants Online Application

Applicants should also read and understand U.S. Treasury Rules and Guides for ARPA Funding.

WV ARPA Broadband Investment Plan

<https://broadband.wv.gov/>

The screenshot shows the website's header with navigation links for 'ABOUT' and 'NEWS CENTER', and buttons for 'TAKE THE SPEED TEST' and 'FCC MAPS'. The main content area features a dark blue banner for the 'FCC Affordable Connectivity Program' with a 'LEARN MORE' button, and a light blue banner for the 'WEST VIRGINIA Office of Broadband' with a cityscape illustration. A footer banner reads 'WEST VIRGINIA BROADBAND INVESTMENT PLAN'.

Grant Program Information

(Grey links are TBD)

LEAD

- Round 2 Program Procedures
- Round 1 Program Procedures Update
- Online Grant Application
- LEAD Webinar PowerPoint
- LEAD Webinar Video
- FAQ

GigReady

- Program Procedures

Notice of Request for Data Related to the BEAD Program

February 3, 2023

The West Virginia Department of Economic Development has issued a voluntary data request in parallel to the Federal communication Commission's (FCC) Digital Opportunity Data Collection (DODC) process. The intention of this data request is to receive the information when it is submitted to the FCC to mitigate any delays between broadband program rounds that require the latest filings...

[Read more](#)

WVBIP: LEAD Round 2 Application Window Opening

February 3, 2023

Program Resources

WVDED Data Request for ISPs Only

- Upload Portal
- Announcement

Browse the Maps

- Target Area Maps
- Provider Locator
- RDOF
- Guide to Compliance and Reporting

IJA Internet For All West Virginia

Program Overview

An aerial photograph of the Indiana State Capitol building, focusing on its large, ornate, golden dome. The dome is the central focus, with its intricate architectural details visible. In the background, a wide river flows through a valley, surrounded by rolling hills and some residential or commercial buildings. The entire image has a warm, golden-brown color cast, giving it a historical or official feel. The text 'Program Overview' is overlaid in the center in a clean, white, sans-serif font.

LEAD PROGRAM

WHAT AND WHO THIS PROGRAM IS FOR

Program Purpose:

- A state grant program to fund extensions of existing last-mile cable modem and fiber-to-the-premise broadband networks that can be constructed quickly
- \$30M is targeted for this funding opportunity
- The program will use funds allocated to West Virginia through the American Rescue Plan Act (ARPA) Capital Projects Fund (CPF), and the State and Local Fiscal Recovery Fund (SLFRF) programs, administered by the U.S. Dept. of the Treasury

LEAD is for:

- Internet service providers that have an existing fiber-to-the-premise or cable network offering service of at least 100 Mbps download and 20 Mbps upload to mass-market users that can be extended to Targeted premises in West Virginia

PROJECT SIZE

PROJECTS SHOULD BE LINE EXTENSIONS, NOT MAJOR NEW NETWORKS

- Proposed projects must extend an existing cable or fiber network.
- Proposed projects may not each contain address counts exceeding 10% of applicants' existing customers counts in West Virginia and neighboring states.
- Individual proposed projects may not contain Targeted addresses from more than two counties in West Virginia. Applicants may however submit more than one proposed project containing Targeted Addresses from more than two counties in the aggregate.
- Applicants submitting proposals requesting more than \$8,000,000 in grant funding may be asked to divide the proposal.
- Applicants are encouraged to group projects into packages of not fewer than 50 Targeted addresses

PROGRAM TIMELINE AND PROJECT REVIEW

Feb. 3, 2023

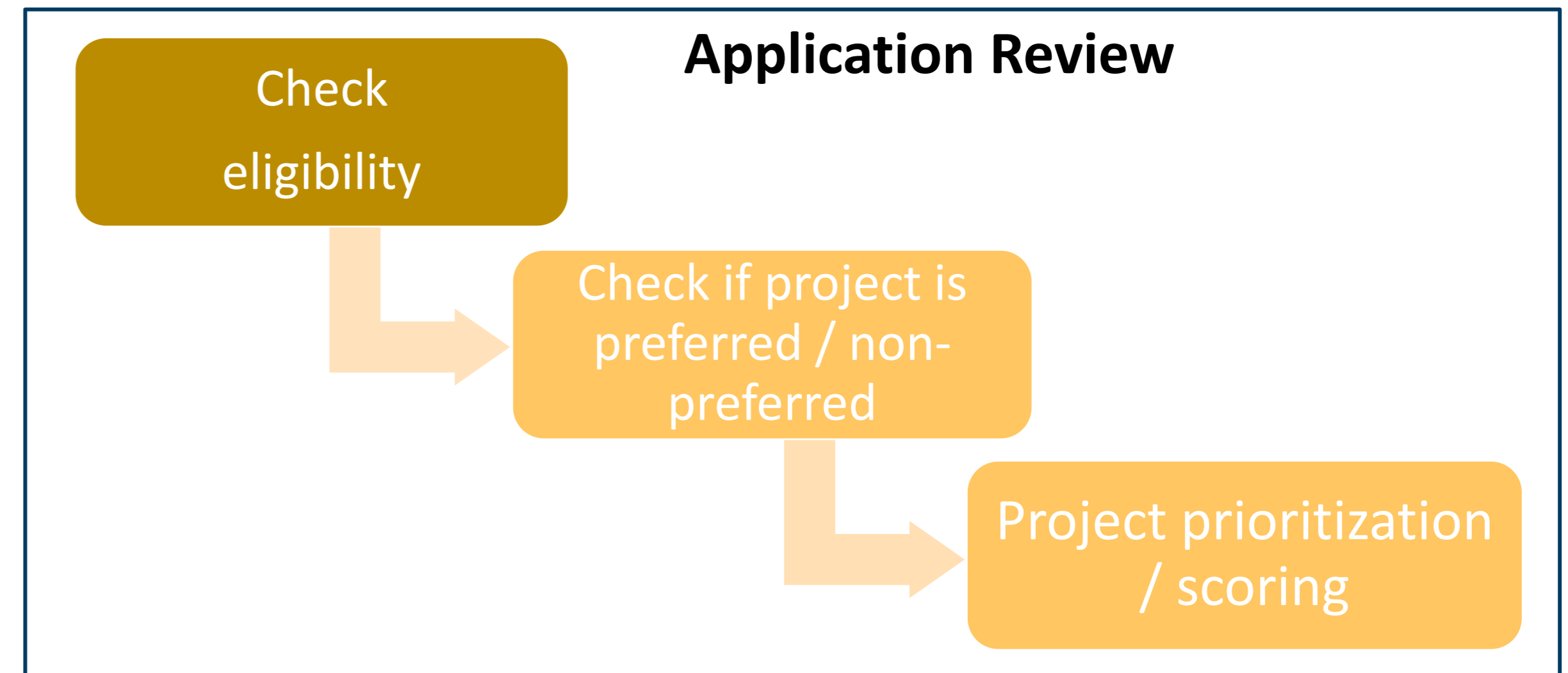
- Program Announcement

March 22, 2023

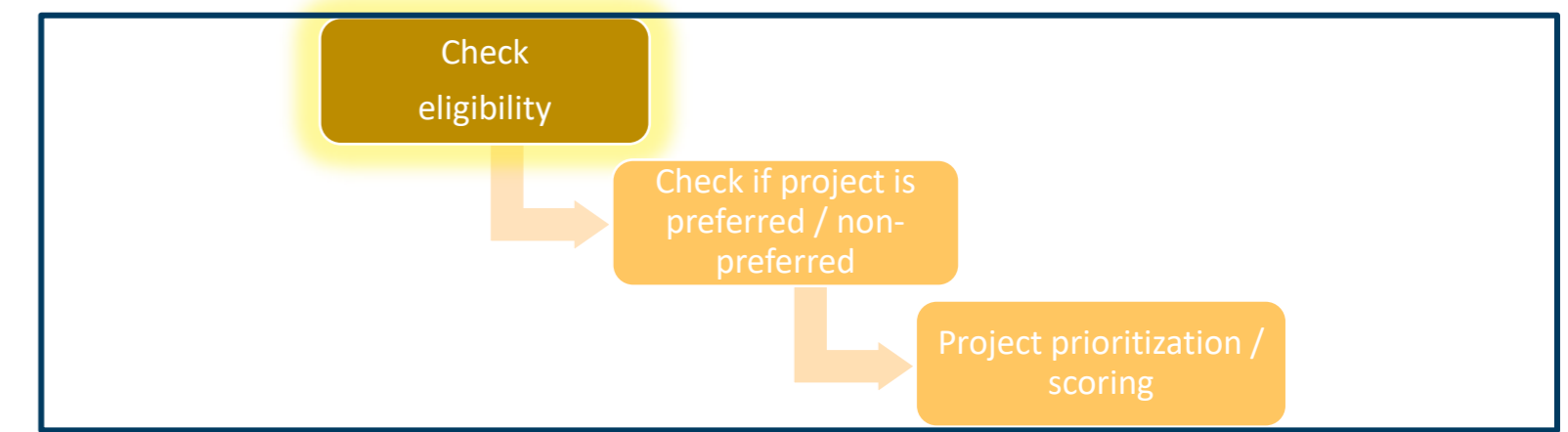
- Application Deadline

Feb. 17, 2023

- Online Application Opening Target



ELIGIBILITY CRITERIA



KEY REQUIREMENTS AND PREFERENCES FOR IMPLEMENTATION FUNDING

Last-Mile, Unserved Project Focus

- Projects must extend last-mile service to unserved addresses in Target Area addresses.
- Targeted addresses are estimated to have no access to internet service with speeds of at least 25/3 Mbps and are not in an area with an existing state, federal, or locally funded project to deliver broadband service of at least 25/3 Mbps speed.
- Service by satellite providers or mobile wireless networks does not count.

Speeds

- Projects with speeds of at least 1000/500 Mbps are encouraged.
- Project must have speeds of at least 100/20 Mbps, scalable to 100/100 Mbps.

Timeline

- Project must be completed within 24 months of award.
- 6-month extensions permitted for delays not caused by the applicant.

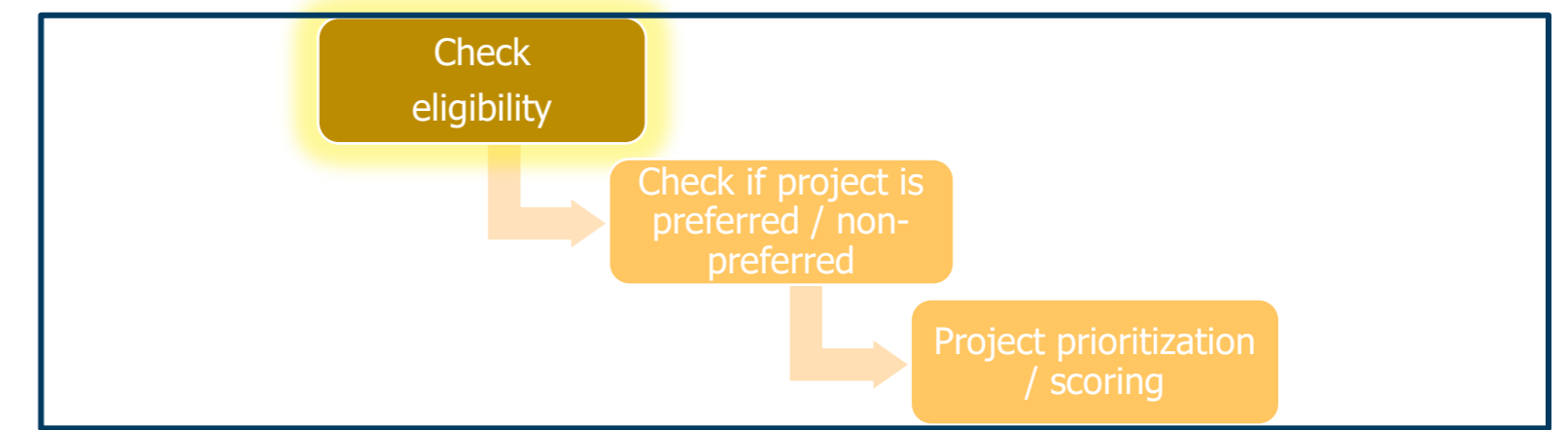
Cost

- Proposed project costs must be reasonable and proportional to the difficulty of the project.

Affordability

- Applicants will be required to participate in the FCC's Affordable Connectivity Program (ACP)

GRANT-ELIGIBLE EXPENDITURES

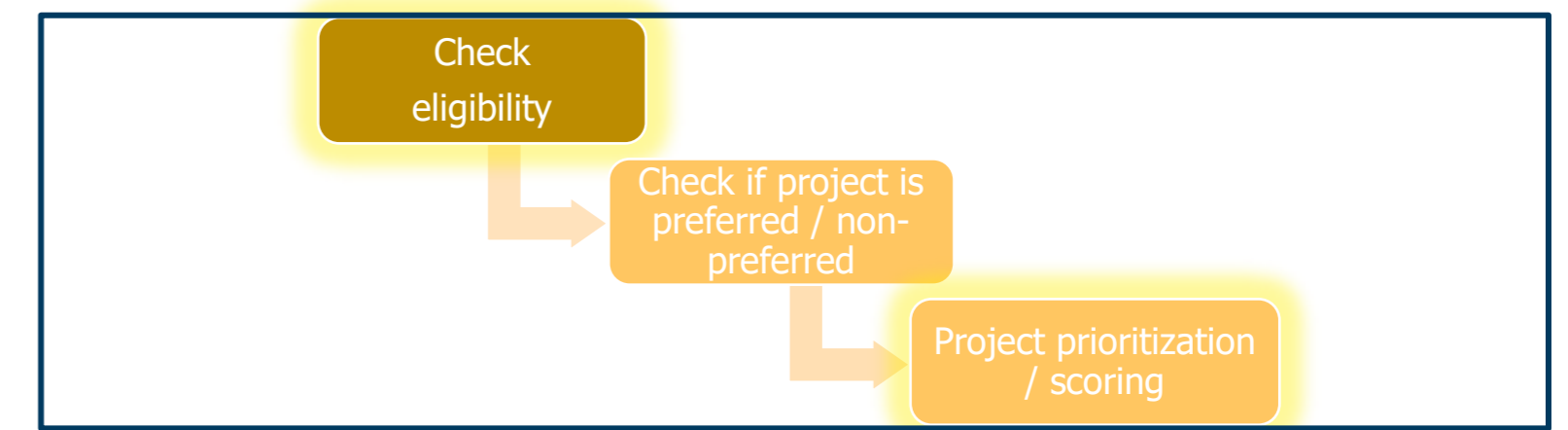


ELIGIBLE PROJECT ACTIVITIES AND COSTS INCLUDE:

- One-time capital expenditures made after the date of the grant award announcement
- Facilities necessary to deliver last-mile broadband service to unserved addresses
- Grant funds provided on a reimbursement basis

Carefully review the Program Procedures and Guide for additional important details!

PROJECT MATCH



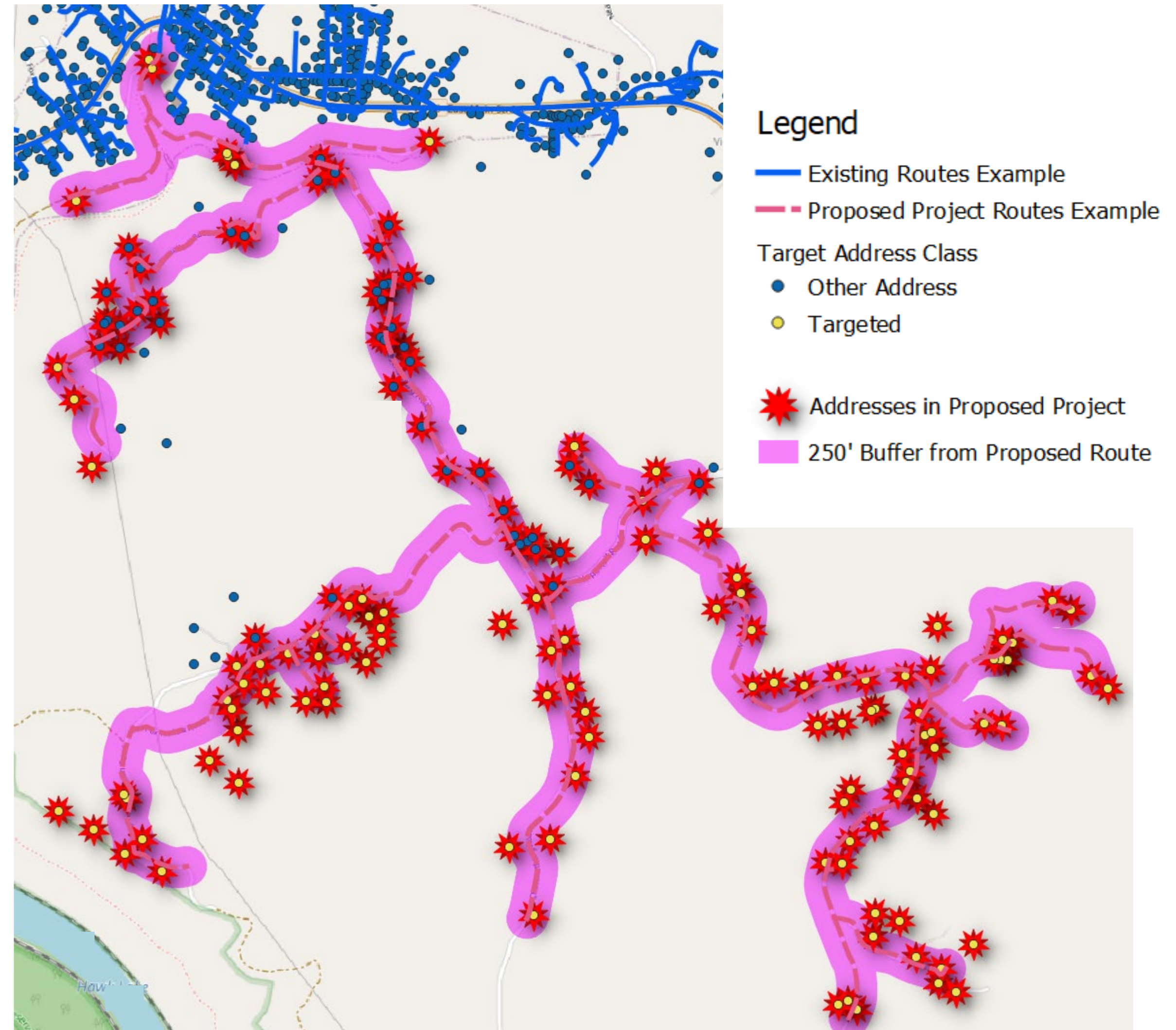
MINIMUM MATCH AND ADDITIONAL MATCH

- Applicants must provide at least \$500 *per passed address* as match.
 - Additional match, up to \$1500 per passed address, provides points during project scoring.
- Match may be cash provided by the applicant or debt funding raised by the applicant for the project.
- Match must pay for grant-eligible expenses.
- Match must be spent prior to reimbursement from grant funds.
- No contingent sources or in-kind contributions are allowed as match.

PROJECT EXAMPLE

HOW TO COUNT “PASSED ADDRESSES”

- Count all “Targeted” addresses proposed.
- Also count all non-Targeted addresses within 250 feet of the proposed project route.
- Include in the project budget the cost of any facilities needed to reach Targeted addresses.
- Do not include in the project budget the cost of any facilities that only serve non-Targeted passed addresses, like drops or customer premise equipment.



Map shown does not represent an actual project.

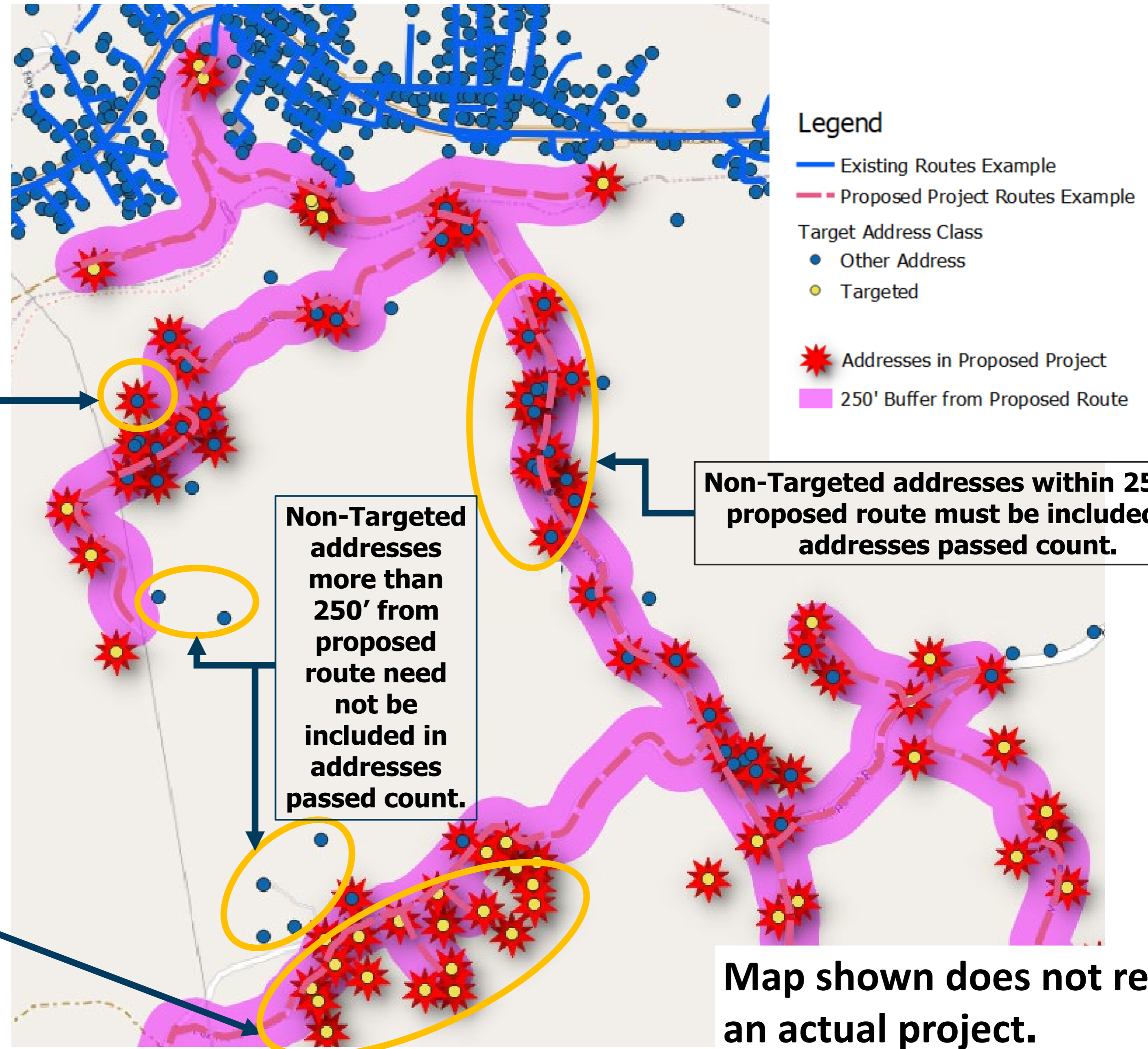
PASSED ADDRESSES

Non-Targeted addresses more than 250' from proposed route may be included in addresses passed count.

Non-Targeted addresses more than 250' from proposed route need not be included in addresses passed count.

Non-Targeted addresses within 250' of proposed route must be included in addresses passed count.

Targeted addresses may be set back more or less than 250' from proposed route.



Map shown does not represent an actual project.

MATCH WAIVERS

APPLICANTS MAY SEEK WAIVERS

Matching Funds

- May ask to provide less than the required minimum or count sources not from the applicant as match
- Applicants must include waiver request with the application
- Must explain why it is infeasible for applicant to provide minimum match
- Must document efforts to obtain matching funds
- WVDED may request additional information from applicants

WAIVERS

WAIVERS MUST HAVE GOOD CAUSE

Waivers may be granted upon a determination that:

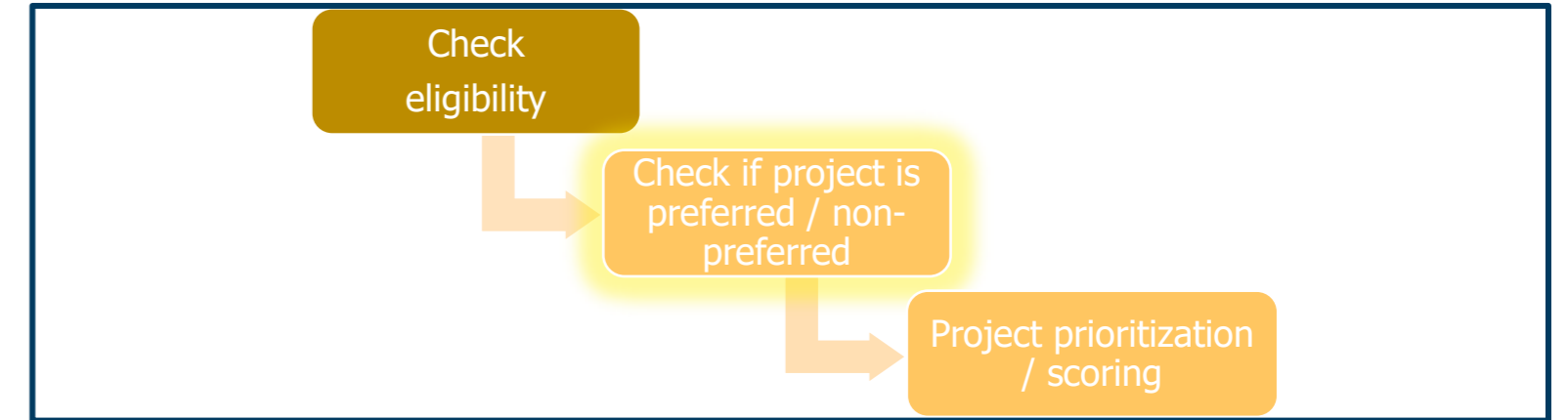
- It is in the best interest of the state,
- It furthers goal of expanding broadband service in West Virginia, and
- The proposed project would not be feasible or advisable without the requested waiver.

Applications seeking and not receiving a waiver may become ineligible.

The Department may prioritize funding applications not requesting a waiver over those that do.

PREFERRED AND NON-PREFERRED PROJECTS

REACHING THE “END OF THE LINE”



PREFERRED

Projects Reaching the “End of the Line”

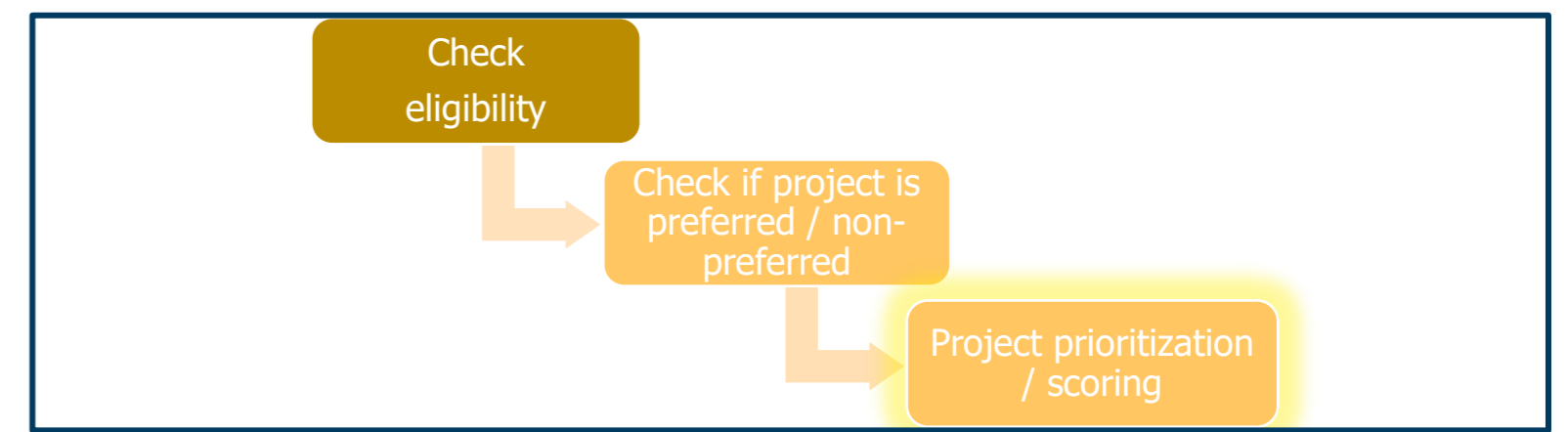
- “End of line” addresses are those Targeted addresses that would be very difficult to reach except by overbuilding the proposed project.
- Preferred projects are prioritized for review and funding decisions.

NON-PREFERRED

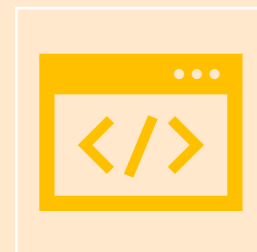
Projects Not Reaching the “End of the Line”

- May be funded but may take longer to review.
- May be funded only after some or all “Preferred” applications.

PROJECT PRIORITIZATION



SCORING CRITERIA FOR IMPLEMENTATION FUNDING OF VIABLE PROJECTS



Technical
(up to 50 points total)

Project Readiness (up to 30 points)
Speed of Proposed Services (up to 20 points)



Financial
(up to 50 points total)

Cost-Efficiency (up to 40 points)
Matching Funds (up to 10 points)

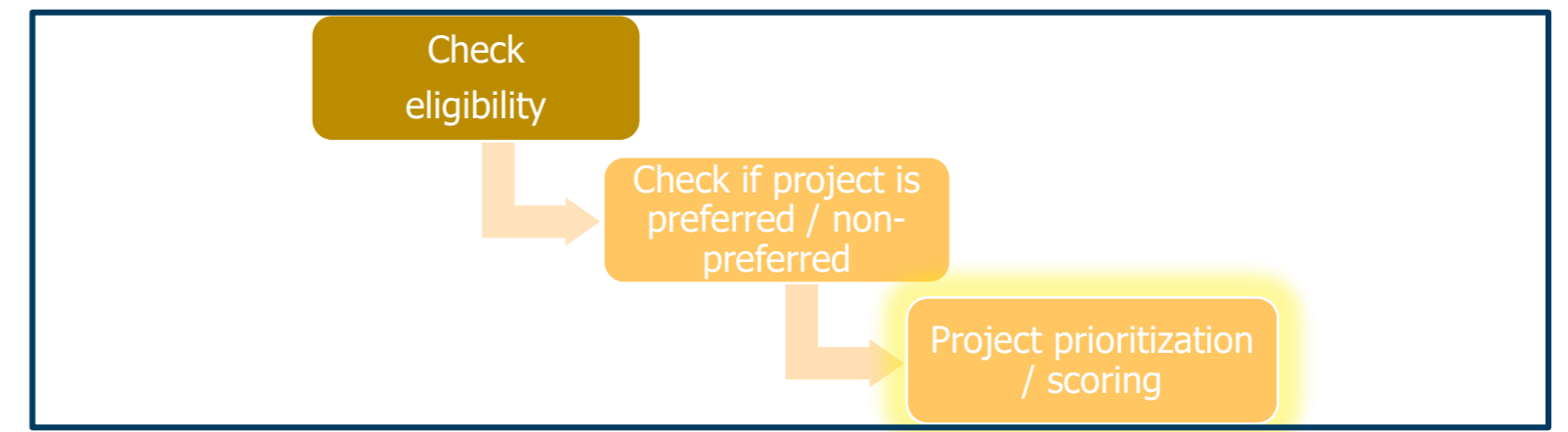


Broadband Development Impact
(up to 50 points total)

Affordability (up to 10 points)
Community Impact (up to 40 points)

Priority will go to those projects that score well in all three categories.

PROJECT PRIORITIZATION



TECHNICAL

Commitment of proposed match sources

Project Readiness

Completion of preliminary engineering

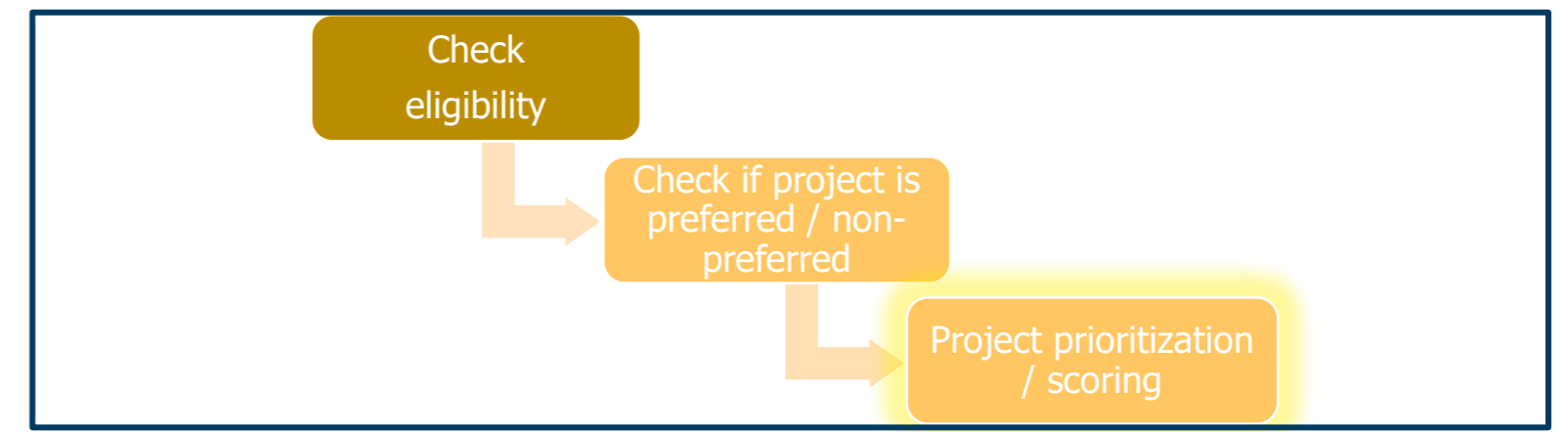
Attainment of necessary permits, right-of-way access, and easements

Completion of necessary pole and conduit licenses

Gig Speed

The ability of the proposed project to serve customers at a gigabit speed

PROJECT PRIORITIZATION



FINANCIAL

Cost Efficiency

Cost relative to the difficulty of the project

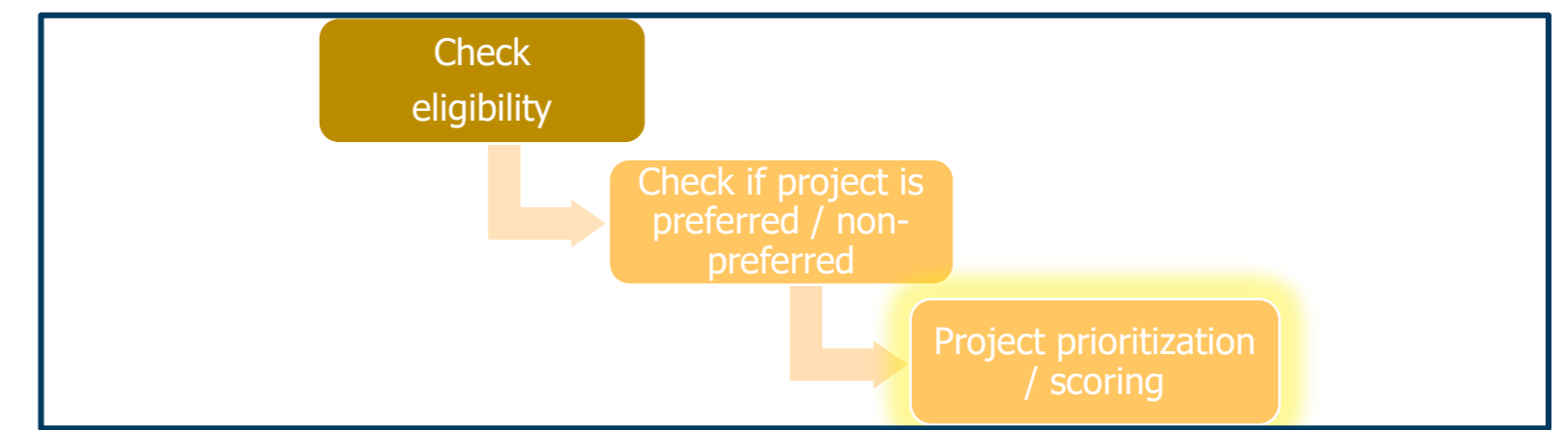
Metrics like cost per mile or cost per premise passed

Factors like low density, extensive make-ready, unavoidable underground construction

Matching Funds

The amount of matching funds provided, over and above the minimum of \$500 per passed address

PROJECT PRIORITIZATION



BROADBAND DEVELOPMENT IMPACT

Affordability

How low are residential prices?

Is there a discounted service for low-income consumers that is fully covered by the FCC ACP subsidy?

Community Impact Factors

The project is in an area of low or moderate income, high poverty, high unemployment or economic distress

The project supports a credible plan to increase broadband adoption and improve digital literacy in the affected communities

The project supports a major economic development initiative identified by a regional planning or development council or economic development authority

The project supports or implements a recent broadband planning initiative in a county or region

The project is coordinated with or builds upon other nearby projects that will provide greater regional benefit

The project has strategic partnerships involved in the proposed project, for example, electric utilities, universities, and federal, state, or local agencies

The project addresses Targeted premises in a region of the state with high need but relatively few funded projects

The project supports adopted state plans or priorities not otherwise addressed by other prioritization factors

An aerial photograph of a state capitol building, featuring a prominent, ornate golden dome with intricate patterns. The building is situated on a hillside overlooking a wide river. In the background, rolling hills and a small town are visible under a hazy, golden sky. The entire image has a warm, sepia-toned overlay.

Using the Target Area Map Data

TARGET AREA ADDRESSES

CLASSIFICATIONS

The Program defines projects and eligibility for funding at the address level.

- Based on statewide address data developed by the West Virginia Statewide Addressing and Mapping System

Two classes for grant applicants:

- **Targeted** – Addresses estimated not to have current access to terrestrial internet service of 25/3 Mbps and not in an area with existing state, federal, locally funding.
- **Other Addresses**

MAP RESOURCES FOR GRANT APPLICATIONS

The Target Area address set can be found in ZoomGrants under “Proposed funded service area maps” in the “Document” tab.

Target Address Map

Downloadable data – Target Addresses

- Shapefile
- Feature Geodatabase
- CSV

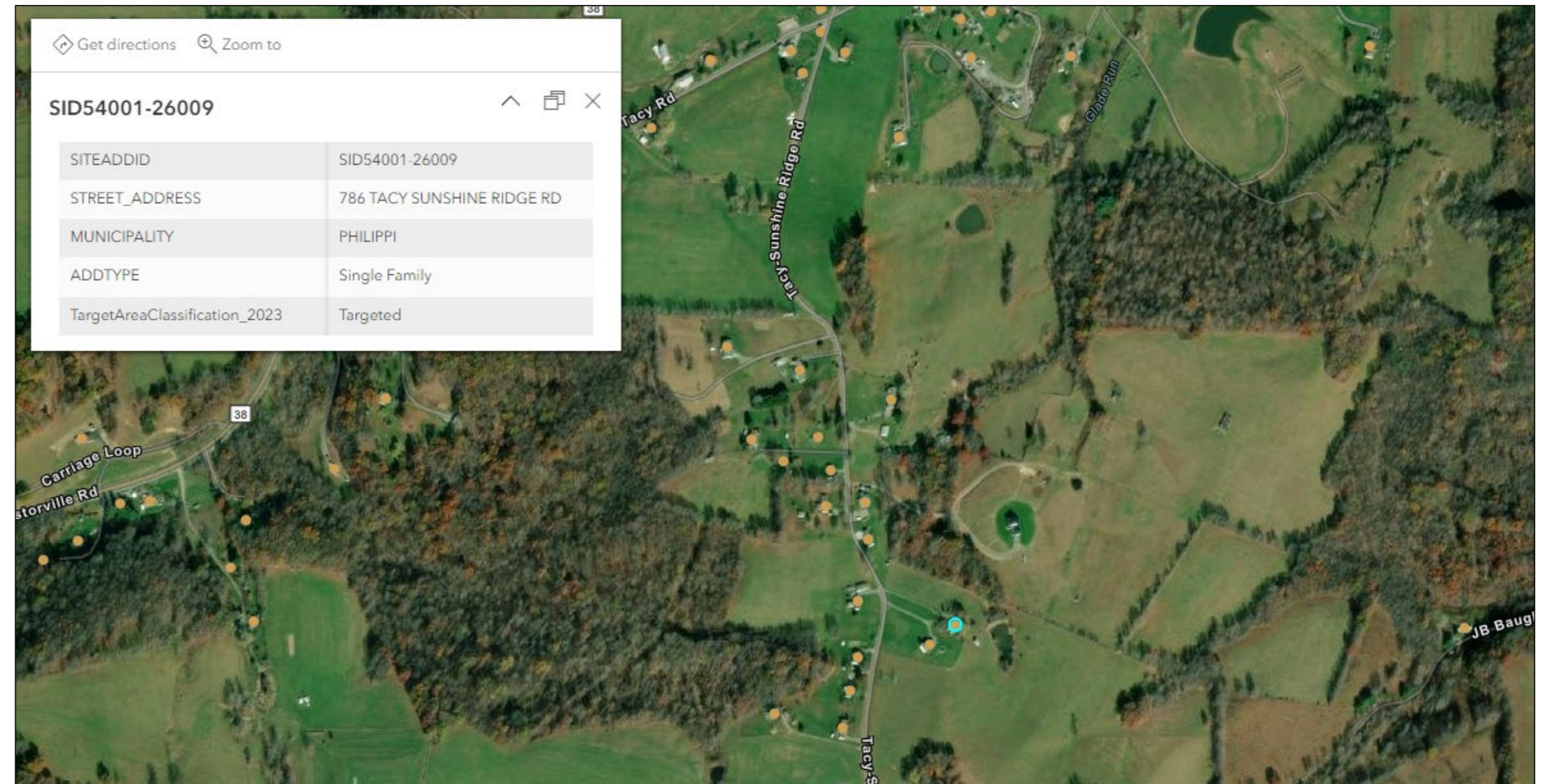
Applicants should use the Target Area address set to generate sets of addresses passed or covered by proposed projects.

Add a Document Request	
Documents Requested *	Location
Proposed funded service area maps. Files submitted as shapefiles or a KMZ/KML file are preferred.	Documents
Existing fiber or cable network routes within the municipalities or magisterial district in or from which the applicant is proposing to extend its network. Files submitted as shapefiles or a KMZ/KML file are preferred.	Documents
LEAD Program Workbook with tabs for Budget Detail, Budget Summary, Funding Sources and Match, Budget Breakdown, Key Project Data and Addresses Passed. Use provided template and address data from https://broadband.wv.gov/	Documents
Project Plan and timeline with major milestones showing that the proposed project can be completed within 24 months of award. The plan should include any major contingencies in the plan.	Documents
High-level network design. Designs submitted must include all new routes needed to connect to the applicant's existing network. Files submitted as shapefiles or a KMZ/KML file are preferred.	Documents
Documents describing any reduced-price tiers proposed by the applicant for low-income customers.	Documents
Documents describing any other proposed tiers or service offerings for residential or business customers that the Program should consider.	Documents
Documents describing policies and charges governing non-standard installations, including standard drop lengths and charges for long drops.	Documents
Letters of support from units of local government, regional planning and development councils, or other community organizations describing the need for and benefit of the proposed project.	Documents

MAP RESOURCES FOR GRANT APPLICATIONS

ADDRESS TYPES

- Several classifications have been removed to filter only broadband serviceable structures.
- Some locations may not be broadband serviceable due to inaccurate classifications.



Not all address types are classified appropriately e.g., single family home classified as an "accessory building." No personal information is associated with these locations.

MAP RESOURCES FOR GRANT APPLICATIONS

DOWNLOADING THE DATA

After analyzing the targeted addresses, applicants must copy the tabulated data into the Budget and Pro Forma Template.

Required Fields:

- SITEADDID
- STREET ADDRESS
- MUNICIPALITY
- TARGET AREA CLASSIFICATION

The main spreadsheet shows a list of addresses with the following columns: **OID_**, **SITEADDID**, **STREET_ADDRESS**, **MUNICIPALITY**, and **TARGET_AREA_CLASSIFICATION**. The data includes various addresses in Philippi and Belington, with target area classifications ranging from 'Targeted' to 'Other Address'.

The inset window, titled **ADDRESSES PASSED**, shows a filtered view of the data. It includes a header row with the following columns: **SiteAddID**, **Street Address**, **Municipality**, and **TargetAreaClassification**. The data in the inset window is as follows:

SiteAddID	Street Address	Municipality	TargetAreaClassification
SIDS4001-20423	1641 PEEL TREE RD TRLR	Buckhannon	Targeted
SIDS4001-20424	1690 PEEL TREE RD	PHILIPPI	Targeted
SIDS4001-20425	1208 WIRTZS HOLW	Buckhannon	Targeted
SIDS4001-20426	2088 PEEL TREE RD	PHILIPPI	Targeted
SIDS4001-20427	2102 PEEL TREE RD	PHILIPPI	Targeted
SIDS4001-20428	2202 PEEL TREE RD	PHILIPPI	Targeted
SIDS4001-20429	2222 PEEL TREE RD	PHILIPPI	Targeted
SIDS4001-20432	835 GNATTY CREEK RD	PHILIPPI	Targeted
SIDS4001-20433	397 WARD RD	PHILIPPI	Other Address
SIDS4001-20434	460 BILLS CREEK RD TRLR	BELINGTON	Targeted
SIDS4001-20435	604 BILLS CREEK RD	BELINGTON	Targeted
SIDS4001-20436	3126 MIDWAY RD	BELINGTON	Targeted
SIDS4001-20437	3198 MIDWAY RD	BELINGTON	Targeted
SIDS4001-20438	3235 MIDWAY RD	BELINGTON	Targeted
SIDS4001-20439	3237 MIDWAY RD	BELINGTON	Targeted
SIDS4001-20440	3545 MIDWAY RD	BELINGTON	Targeted
SIDS4001-20441	3576 MIDWAY RD TRLR	BELINGTON	Targeted

Below the table, a note states: "Data shown does not represent an actual project."

An aerial photograph of a state capitol building, featuring a prominent golden dome with intricate patterns. The building is situated on a hillside overlooking a river. The background shows a town and rolling hills under a hazy sky. The entire image has a warm, golden-brown color overlay.

How to Apply Using the ZoomGrants Online Application

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”



Powered by ZoomGrants™

Existing ZoomGrants™ Users: Email

Password

Stay logged in? (Admins and Reviewers only)

[Forgot password?](#)

[HELP](#) [RESOURCES](#) [A▲▼](#)

Search

West Virginia Department of Economic Development

[How do I do this?](#)

Open Programs

You must be logged in to start a new application.

LEAD Round 2
3/22/2023 - Organizations Only

MBPS Round 2
4/12/2023 - Organizations Only

New ZoomGrants™ Account

Email

Password

First Name

Last Name

Account Type Organization

If you already have an account,
[Login Here](#) as an existing
ZoomGrants user.



WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Application Status: Not Submitted

Submit Now

Print/Preview

USD\$ 0.00 requested

[Archive this Application](#)

Application Summary Information

Application Questions

Proposed Services

Documents

Activity Log

Application Summary Information

(answers are saved automatically when you move to another field)

Instructions [Show/Hide](#)

Please enter a project name, information about the lead organization submitting the application, and a primary point of contact who can answer questions about the application.

Application Title/Project Name

Amount Requested

Enter numbers only. Do not use commas or a dollar sign.

USD\$

Applicant Information



WEST VIRGINIA
Economic Development

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Applicant Information

First Name	One
Last Name	Tilson
Telephone	
Email	tilsonexample@tilsontech.com

Organization Information

(changes to this data will be reflected on all other applications for this organization)

Organization Legal Name/Entity Name (Should match SAM.gov)	Tilson One
Address 1	1234 Main St.
Address 2	
City	Any Town
State/Province	WV
ZIP+4/Postal Code	19333
Country	United States
	Edit Address
Telephone	304-555-5555
Fax (optional)	
Website (optional)	broadbandxyz.com

Primary Point of Contact

First Name	Fake
Last Name	Admin
Title	TESTING
Email	ssanders@tilsontech.com

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Primary Point of Contact

First Name	Fake
Last Name	Admin
Title	TESTING
Email	ddilks@tilsontech.com

Collaborators

Collaborators can only edit application data (answers). They cannot submit, archive, or delete this application.

Email Address	First Name	Last Name	Title	Editing Access	Status
<input type="text" value="Email Address"/>	<input type="text" value="First Name"/>	<input type="text" value="Last Name"/>	<input type="text" value="Title"/>	<input type="checkbox"/>	<input type="button" value="Invite"/>
<input type="checkbox"/> Add to Additional Contacts (below)					

Additional Contacts for this Application

Additional Contacts will be copied on all emails sent to the application owner regarding this application. Enter ONLY email addresses separated by a comma.

No names. No titles. No phone numbers.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Application Summary Information **Project Description** Application Questions Proposed Services Documents Activity Log

Project Description

(answers are saved automatically when you move to another field)

[Ask a Project Description Question](#)

1. Project Description:

Briefly provide a general description of the scope of the proposed project.

Maximum characters: 65000. You have characters left.

2. Counties Affected:

List all affected counties.

Maximum characters: 65000. You have characters left.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

3. Project Area:

List communities affected. Include boundary information such as street names, landmarks, etc.

Maximum characters: 65000. You have characters left.

4. Targeted Locations:

How many Targeted Locations will the proposed project serve?

Maximum characters: 255. You have characters left.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Application Summary Information

Project Description

Application Questions

Proposed Services

Documents

Activity Log

Application Questions

(answers are saved automatically when you move to another field)

Applicant Questions

Applicants can upload Optional Supplemental Information in the Documents section of the application.

1. Does the applicant have an existing fiber-to-the-premise or cable network offering service of at least 100 Mbps download and 20 Mbps upload to mass-market users that can be extended to unserved premises in West Virginia?

- Yes
- No

2. Does the applicant have a current statement of existence from the West Virginia Secretary of State?

- Yes
- No

3. Does the applicant have any prior default or significant violations under any federal, state, or local broadband expansion funding program, or any suspension or debarment as a vendor by the State of West Virginia or any Federal agency within three years?

- Yes
- No

4. Can applicant's proposed project be completed within 24 months of award?

Maximum characters: 255. You have 255 characters left.

5. Has the applicant currently secured all the proposed sources of match described in this application?

- Yes
- No

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Proposed Services

6. Can you commit to offering a service of at least 25/3 Mbps with no data caps to qualified end users that would be fully subsidized under the required affordability programs?

US Treasury requires participation in the FCC's Affordable Connectivity Program (ACP) affordability program in funded areas, and will require participation in a similar affordability program after ACP runs out.

Yes

No

7. Describe any reduced-price tiers proposed by the applicant to low-income customers, and the applicant's participation in programs that provide assistance to low-income consumers, such as Lifeline or the Affordable Connectivity Program. Identify the download and upload speeds offered, data caps, the price or discount offered for both recurring and non-recurring charges, and how households may demonstrate eligibility.

Maximum characters: 65000. You have 65000 characters left.

8. Describe any proposed tiers or service offerings for residential or business customers that the Program should consider, other than those listed in the Proposed Services tab. This may include additional service tiers, promotional prices, prices available with a term contract, and bundled service offerings (Internet with voice or video, etc.)

Maximum characters: 65000. You have 65000 characters left.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

9. Describe policies and charges governing non-standard installations, including standard drop lengths and charges for long drops.

Maximum characters: 65000. You have characters left.

Project Information

10. Identify the network technology standard or standards to be used in the proposed network.

- GPON
- EPON
- NG-PON2
- XGS-PON
- Active Ethernet
- DOCSIS 3.0
- DOCSIS 3.1
- Other

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Project Information

10. Identify the network technology standard or standards to be used in the proposed network.

- GPON
- EPON
- NG-PON2
- XGS-PON
- Active Ethernet
- DOCSIS 3.0
- DOCSIS 3.1
- Other

11. Identify the split ratio(s) to be used on the proposed facilities.

For PON Networks only, others answer "N.A."

Maximum characters: 255. You have characters left.

12. If applicant's proposed service offering in funded areas is less than symmetrical 100 Mbps service, describe in detail how the proposed infrastructure and service offerings are scalable to 100 Mbps symmetrical service.

Maximum characters: 65000. You have characters left.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Application Summary Information | Project Description | Application Questions | **Proposed Services** | Documents | Activity Log

Proposed Services

(answers are saved automatically when you move to another field)

Instructions [Show/Hide](#)

Enter the applicant's proposed service offerings, performance metrics and costs.

Proposed Residential Services

Identify up to four proposed residential internet service tiers. Include the highest performance tier typically offered to residential users and the most affordable tier typically offered to residential users. Pricing provided should be for stand-alone (unbundled) Internet service and non-promotional. The “Data Cap” should be any level of cumulative usage in a month above which users (i) cannot continue to use the service, (ii) may only receive service with reduced performance (“throttling”), or (iii) incur extra charges for continued use. “Recurring Fees and Surcharges” should include all fees and surcharges not required by a governmental authority to be charged to the customer; include fees intended to recover from or pass through to the end user government assessments on the service provider.

Tiers	Download Speed	Upload Speed	Typical Maximum Latency	Data Cap (if no cap, enter NA)	Monthly Recurring Charge	Recurring Mandatory Equipment Charges	Other Recurring Fees and Surcharges	Non-recurring Service Activation or Equipment Fees	Charge for Use above Data Cap	Additional Usage Associated with Charge for Use above Data Cap
Tier 1	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB
Tier 2	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Proposed Residential Services

Identify up to four proposed residential internet service tiers. Include the highest performance tier typically offered to residential users and the most affordable tier typically offered to residential users. Pricing provided should be for stand-alone (unbundled) Internet service and non-promotional. The “Data Cap” should be any level of cumulative usage in a month above which users (i) cannot continue to use the service, (ii) may only receive service with reduced performance (“throttling”), or (iii) incur extra charges for continued use. “Recurring Fees and Surcharges” should include all fees and surcharges not required by a governmental authority to be charged to the customer; include fees intended to recover from or pass through to the end user government assessments on the service provider.

Tiers	Download Speed	Upload Speed	Typical Maximum Latency	Data Cap (if no Monthly Recurring Charge, enter NA)	Monthly Recurring Charge	Recurring Mandatory Equipment Charges	Other Recurring Fees and Surcharges	Non-recurring Service Activation or Equipment Fees	Charge for Use above Data Cap	Additional Usage Associated with Charge for Use above Data Cap
Tier 1	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB
Tier 2	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB
Tier 3	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB
Tier 4	<input type="text"/> Mbps	<input type="text"/> Mbps	<input type="text"/> ms	<input type="text"/> GB/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$/month	<input type="text"/> \$	<input type="text"/> \$/month	<input type="text"/> GB

Proposed Small Business Services

Identify up to four proposed small business internet service. Include the highest performance tier typically offered to small business users and the most affordable tier typically offered to small business users. Pricing provided should be for stand-alone (unbundled) Internet service and non-promotional. The “Data Cap” should be any level of cumulative usage in a month above which users (i) cannot continue to use the service, (ii) may only receive service with reduced performance (“throttling”), or (iii) incur extra charges for continued use. “Recurring Fees and Surcharges” should include all fees and surcharges not required by a governmental authority to be charged to the customer; include fees intended to recover from or pass through to the end user government assessments on the service provider.

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

- Application Summary Information
- Project Description
- Application Questions
- Proposed Services
- Documents
- Activity Log

Documents

Instructions [Show/Hide](#)

Documents marked *Required* must be uploaded in order for the application to be submitted. Use documents available as *download template* when provided (download, complete and reattach.)

Documents Requested *	Required?	Uploaded Documents *	
Proposed funded service area maps. Files submitted as shapefiles or a KMZ/KML file are preferred.	Required	-none-	Upload
Existing fiber or cable network routes within the municipalities or magisterial district in or from which the applicant is proposing to extend its network. Files submitted as shapefiles or a KMZ/KML file are preferred.	Required	-none-	Upload
LEAD Program Workbook with tabs for Budget Detail, Budget Summary, Funding Sources and Match, Budget Breakdown, Key Project Data and Addresses Passed. Use provided template and address data from https://broadband.wv.gov/	Required	-none-	Upload
Project Plan and timeline with major milestones showing that the proposed project can be completed within 24 months of award. The plan should include any major contingencies in the plan.	Required	-none-	Upload
High-level network design. Designs submitted must include all new routes needed to connect to the applicant's existing network. Files submitted as shapefiles or a KMZ/KML file are preferred.		-none-	Upload
Documents describing any reduced-price tiers proposed by the applicant for low-income customers.		-none-	Upload
Documents describing any other proposed tiers or service offerings for residential or business customers that the Program should consider.		-none-	Upload

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Documents Requested *	Required?	Uploaded Documents *	
Proposed funded service area maps. Files submitted as shapefiles or a KMZ/KML file are preferred.	Required	-none-	Upload
Existing fiber or cable network routes within the municipalities or magisterial district in or from which the applicant is proposing to extend its network. Files submitted as shapefiles or a KMZ/KML file are preferred.	Required	-none-	Upload
LEAD Program Workbook with tabs for Budget Detail, Budget Summary, Funding Sources and Match, Budget Breakdown, Key Project Data and Addresses Passed. Use provided template and address data from https://broadband.wv.gov/	Required	-none-	Upload
Project Plan and timeline with major milestones showing that the proposed project can be completed within 24 months of award. The plan should include any major contingencies in the plan.	Required	-none-	Upload
High-level network design. Designs submitted must include all new routes needed to connect to the applicant's existing network. Files submitted as shapefiles or a KMZ/KML file are preferred.		-none-	Upload
Documents describing any reduced-price tiers proposed by the applicant for low-income customers.		-none-	Upload
Documents describing any other proposed tiers or service offerings for residential or business customers that the Program should consider.		-none-	Upload
Documents describing policies and charges governing non-standard installations, including standard drop lengths and charges for long drops.		-none-	Upload
Letters of support from units of local government, regional planning and development councils, or other community organizations describing the need for and benefit of the proposed project.		-none-	Upload
Optional supplemental information.		-none-	Upload

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Anna Example

Example Project

USD\$ 0.00 requested

Application Status: Not Submitted

[Submit Now](#) [Print/Preview](#)

[Archive this Application](#)

Application Completion [\[hide this\]](#)

By entering your initials here you certify this submission truthfully and accurately represents your application and is hereby submitted for review. Submission of this application does not, in any way, guarantee that your application will yield a favorable result. Submission of this application also indicates your agreement to the [terms](#) of using ZoomGrants™.

The West Virginia Department of Economic Development intends to support this funding opportunity using funds allocated to the State of West Virginia through the Capital Projects Fund of the American Rescue Plan Act (ARPA). According to guidance published by the U.S. Treasury, states will be required to provide a plan describing how they intend to use allocated funds under the Capital Projects Fund consistent with the American Rescue Plan and guidance to be issued by Treasury. Treasury will begin to accept applications for review in the summer of 2021 and will issue guidance before that date.^[1] By announcing this program, the West Virginia Department of Economic Development seeks to identify projects that it can include in its application for West Virginia’s Capital Projects Fund allocation at the soonest possible date.

While the West Virginia Department of Economic Development expects that projects conforming to the requirements of this Program will be eligible for funding under the Capital Projects Fund, applicants may be asked to revise proposals or provide supplemental information following the West Virginia Department of Economic Development’s establishment of final procedures. The West Virginia Department of Economic Development reserves the right to reject any or all

Initials

[Submit Now](#)

WV ARPA Broadband Investment Plan – Grants Portal

<https://broadband.wv.gov/> Click on “Online Grant Application”

Help.ZoomGrants.com

Questions@ZoomGrants.com

866-323-5404 x2

An aerial photograph of a state capitol building, featuring a prominent golden dome with intricate patterns. The building is situated on a hillside overlooking a river. The background shows a valley with houses and trees. The entire image has a warm, golden-brown color overlay.

Completing the Program Budget Template Workbook

INSTRUCTIONS

File Home Insert Page Layout Formulas Data Review View Automate Developer Help Acrobat Power Pivot

Comments Share

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WEST VIRGINIA
Economic Development

Instructions for LEAD Program Budget Template Spreadsheet

Microsoft Excel version 2007 or later required. Excel 2010 or later recommended.

Enter values in the identified spaces to complete this budget form. Please enter information in the order of the tabs below to correctly prompt calculated fields.
Only input data in blue shaded fields such as shown at right.

Budget Detail: Input details of project costs within the table. Enter only those costs which are eligible for reimbursement. (See program rules and procedures for more detail.) Description of fields below:
Item - Brief description of cost (e.g., fiber strand).
Cost Category - Use the dropdown to select the cost category that best applies to the cost. Refer to the Project Budget tab to gain familiarity with the cost category options.
Unit Costs - Cost per unit, enter numbers only.
Unit Type - If applicable, type of unit (e.g., feet, miles, etc.).
Unit Quantities - Total quantity of units, enter numbers only.

Project Budget: A summary output of the total project costs categorized by cost type. The values are populated from the input of the Budget Detail tab of this spreadsheet. The fields in this sheet are locked and cannot be edited by the user.

Funding Sources and Match: Input detail of various funding sources within the table. Description of fields below:
Funding Amount (\$) - Amount of the funding source, enter numbers only.
Funding Source - Use the dropdown to select the funding source. If selecting "Other", please describe the funding source in the next cell.
Funding Source Details - Enter details of funding source. If the funding source is a grant other than the requested LEAD grant, detail the grant name, date awarded, and any other information that would be useful. If the funding source is a debt, detail whether the debt is backed and the terms of the debt.

Budget Breakdown: Enter the breakdown of the project budget between the funding types by category in this tab. Note: the workbook will validate the total of

Instructions Budget Detail Project Budget Funding Sources and Match Budget Breakdown Address ...



BUDGET DETAIL

AutoSave Off 📁 ↶ ↷ LEAD Round 2 Program Workbook Sample 🔍 Search

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C8 ✕ ✓ fx Fiber Optic and Coaxial Cable

WEST VIRGINIA Economic Development		BUDGET DETAIL				
Item	Cost Category	Unit Costs (\$)	Unit Type	Unit Quantities (#)	TOTAL	
Design and Engineering	Engineering	\$ 4,000.00	mile	95.00	\$ 380,000.00	
Utility License and Application Fee	Permitting, Easements and Encroachment Acquisition	\$ 12.00	pole	2,074.00	\$ 24,888.00	
Make-ready	Pole Placement and Pole Make-Ready	\$ 8,000.00	mile	95.00	\$ 760,000.00	
48 CT Fiber	Fiber Optic and Coaxial Cable	\$ 0.30	foot	63,204.50	\$ 18,961.35	
96 CT Fiber	Fiber Optic and Coaxial Cable	0.50	foot	66,010.50	\$ 33,005.25	
72 CT Fiber	Fiber Optic and Coaxial Cable	0.40	foot	94,034.50	\$ 37,613.80	
5/16" EHS Strand (5000 rolls)	Other Materials--Aerial	1,150.00	roll	114.50	\$ 131,675.00	
Install MST	Aerial Construction Labor	200.00	vault	1,191.00	\$ 238,200.00	
Contract Install - Residential	Underground Construction Labor	15.00	foot	1,793.00	\$ 26,895.00	
Drop Cable	Customer Premise Installation Labor	280.00	drop	2,444.00	\$ 684,320.00	
	Customer Premise Installation Materials				\$ -	
	Customer Premise Equipment (CPE)				\$ -	
					\$ -	
					\$ -	
					\$ -	
					\$ -	

Instructions **Budget Detail** Project Budget Funding Sources and Match Budget Breakdown Addresses Passe

Data shown does not represent an actual project.

PROJECT BUDGET

Data shown does not represent an actual project.

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F4 =SUMIF(BudgetDetail[Cost Category],'Project Budget'!B4,BudgetDetail[TOTAL])

Cost Category	TOTAL
Engineering	\$ 380,000
Permitting, Easements and Encroachment Acquisition	\$ 24,894
Pole Placement and Pole Make-Ready	\$ 760,000
Fiber Optic and Coaxial Cable	\$ 89,580
Other Materials--Aerial	\$ 131,675
Other Materials--Underground	\$ 189,150
Aerial Construction Labor	\$ 950,700
Underground Construction Labor	\$ 26,895
Customer Premise Installation Labor	\$ 684,320
Customer Premise Installation Materials	\$ 308,775
Customer Premise Equipment (CPE)	\$ 158,400
Equipment shelter, land, site preparation, and site restoration costs	\$ 30,000
Cable Nodes	\$ 20,000
Headend/Central Office/Remote Cabinet Equipment and Installation	\$ 42,400
Project and Construction Management	\$ 180,500
Subscriber Management Equipment	\$ -
Long-Term Leases	\$ 100,000
Other Eligible Costs (must detail on Budget Detail)	\$ -
TOTAL	\$ 4,077,289

Project Budget | Funding Sources and Match | Budget Breakdown | Addresses Passed | Key Data

FUNDING SOURCES AND MATCH

The screenshot shows an Excel spreadsheet with the following data:

WEST VIRGINIA Economic Development		FUNDING SOURCES AND MATCH	
Total Requested Grant Funds:	\$	1,977,289.40	
Total Match from Applicant, Including Debt:	\$	2,000,000.00	
Other Funding Sources:	\$	100,000.00	
Funding Amount (\$)	Funding Source	Funding Source Details	
\$ 1,000,000.00	Match from applicant		
\$ 1,000,000.00	Debt	Unsecured debt	
\$ 100,000.00	Other grant funds	County contribution toward the project awarded December 1, 2022.	
	Match from applicant		
	Other grant funds		
	Debt		
	Other (must describe)		

Data shown does not represent an actual project.

Budget Breakdown (Incomplete)

Validation requires values in Grant, Matching, and Other Funds to Match Funding Sources Tab

Data shown does not represent an actual project.

Budget Breakdown

Total Requested Grant Funds: \$ 1,977,289.40
 Total Match from Applicant, Including Debt: \$ 2,000,000.00
 Other Funding Sources: \$ 100,000.00

Cost Category	Cost Category Total	Grant Funds	Matching Funds	Other Funds
Engineering	\$ 380,000.00	\$ 190,000.00	\$ 190,000.00	
Permitting, Easements and Encroachment Acquisition	\$ 24,894.00	\$ 12,447.00	\$ 12,447.00	
Pole Placement and Pole Make-Ready	\$ 760,000.00	\$ 380,000.00	\$ 380,000.00	
Fiber Optic and Coaxial Cable	\$ 89,580.40	\$ 44,790.20	\$ 44,790.20	
Other Materials--Aerial	\$ 131,675.00	\$ 65,837.50	\$ 65,837.50	
Other Materials--Underground	\$ 189,150.00	\$ 94,575.00	\$ 94,575.00	
Aerial Construction Labor	\$ 950,700.00	\$ 475,350.00	\$ 475,350.00	
Underground Construction Labor	\$ 26,895.00	\$ 13,447.50	\$ 13,447.50	
Customer Premise Installation Labor	\$ 684,320.00	\$ 342,160.00	\$ 342,160.00	
Customer Premise Installation Materials	\$ 308,775.00	\$ 154,387.50	\$ 154,387.50	
Customer Premise Equipment (CPE)	\$ 158,400.00	\$ 79,200.00	\$ 79,200.00	
Equipment shelter, land, site preparation, and site restoration costs	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	
Cable Nodes	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	
Headend/Central Office/Remote Cabinet Equipment and Installation	\$ 42,400.00	\$ 21,200.00	\$ 21,200.00	
Project and Construction Management	\$ 180,500.00	\$ 90,250.00	\$ 90,250.00	
Subscriber Management Equipment	\$ -	\$ -	\$ -	
Long-Term Leases	\$ 100,000.00	\$ -	\$ 50,000.00	\$ 50,000.00
Other Eligible Costs (must detail on Budget Detail)	\$ -	\$ -	\$ -	
TOTAL	\$ 4,077,289.40	\$ 1,988,644.70	\$ 2,038,644.70	\$ 50,000.00

Grant funds total must equal amount from Funding Sources tab!
 Matching funds total must equal amount from Funding Sources tab!
 Other funds total must equal amount from Funding Sources tab!

Budget Breakdown (Complete)

File Home Insert Page Layout Formulas Data Review View Automate Developer Help Acrobat Power Pivot Comments

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B C D E F G

WEST VIRGINIA
Economic Development

Budget Breakdown

Total Requested Grant Funds: \$ 1,977,289.40
 Total Match from Applicant, Including Debt: \$ 2,000,000.00
 Other Funding Sources: \$ 100,000.00

Cost Category	Cost Category Total	Grant Funds	Matching Funds	Other Funds
Engineering	\$ 380,000.00	\$ 180,000.00	\$ 200,000.00	
Permitting, Easements and Encroachment Acquisition	\$ 24,894.00	\$ 11,464.00	\$ 13,430.00	
Pole Placement and Pole Make-Ready	\$ 760,000.00	\$ 380,000.00	\$ 380,000.00	
Fiber Optic and Coaxial Cable	\$ 89,580.40	\$ 44,580.40	\$ 45,000.00	
Other Materials--Aerial	\$ 131,675.00	\$ 65,675.00	\$ 66,000.00	
Other Materials--Underground	\$ 189,150.00	\$ 94,575.00	\$ 94,575.00	
Aerial Construction Labor	\$ 950,700.00	\$ 475,350.00	\$ 475,350.00	
Underground Construction Labor	\$ 26,895.00	\$ 13,447.50	\$ 13,447.50	
Customer Premise Installation Labor	\$ 684,320.00	\$ 342,160.00	\$ 342,160.00	
Customer Premise Installation Materials	\$ 308,775.00	\$ 154,387.50	\$ 154,387.50	
Customer Premise Equipment (CPE)	\$ 158,400.00	\$ 79,200.00	\$ 79,200.00	
Equipment shelter, land, site preparation, and site restoration costs	\$ 30,000.00	\$ 15,000.00	\$ 15,000.00	
Cable Nodes	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00	
Headend/Central Office/Remote Cabinet Equipment and Installation	\$ 42,400.00	\$ 21,200.00	\$ 21,200.00	
Project and Construction Management	\$ 180,500.00	\$ 90,250.00	\$ 90,250.00	
Subscriber Management Equipment	\$ -	\$ -	\$ -	
Long-Term Leases	\$ 100,000.00	\$ -		\$ 100,000.00
Other Eligible Costs (must detail on Budget Detail)	\$ -	\$ -	\$ -	
TOTAL	\$ 4,077,289.40	\$ 1,977,289.40	\$ 2,000,000.00	\$ 100,000.00


Budget Breakdown | Addresses Passed | Key Data

ADDRESSES PASSED

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E10 Targeted

2,685 Site Address IDs listed. Prior to application submission, please review Site Address ID values in the list below for duplicate values, if any, which will be highlighted in red.



ADDRESSES PASSED

SiteAddID	Street Address	Municipality	TargetAreaClassification
SID54001-20423	1641 PEEL TREE RD TRLR	Buckhannon	Targeted
SID54001-20424	1690 PEEL TREE RD	PHILIPPI	Targeted
SID54001-20425	1208 WIRTZS HOLW	Buckhannon	Targeted
SID54001-20426	2088 PEEL TREE RD	PHILIPPI	Targeted
SID54001-20427	2102 PEEL TREE RD	PHILIPPI	Targeted
SID54001-20428	2202 PEEL TREE RD	PHILIPPI	Targeted
SID54001-20429	2222 PEEL TREE RD	PHILIPPI	Targeted
SID54001-20432	835 GNATTY CREEK RD	PHILIPPI	Targeted
SID54001-20433	397 WARD RD	PHILIPPI	Other Address
SID54001-20434	460 BILLS CREEK RD TRLR	BELINGTON	Targeted
SID54001-20435	604 BILLS CREEK RD	BELINGTON	Targeted
SID54001-20436	3126 MIDWAY RD	BELINGTON	Targeted
SID54001-20437	3126 MIDWAY RD	BELINGTON	Targeted

Budget Breakdown Addresses Passed Key Data


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KEY DATA

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KEY DATA ENTRY FORM

Applicant Name:

Project Name:

New Miles of Fiber: **New Miles of Cable:**

Total New Miles of Plant in Project:

Does the Project Pass Addresses Equal to or Less than 10% of the Applicant's Existing Customers in WV, OH, PA, MD, VA & KY? (Applicant has at least 26,850 existing customers)

Calculated Data

Total Grant Request Amount: \$ <input type="text" value="1,977,289"/>	Grant Amount Per Targeted Address: \$ <input type="text" value="1,029"/>	Total Addresses Passed: <input type="text" value="2,685"/>	Targeted Addresses Passed: <input type="text" value="1,922"/>
Total Matching Funds: \$ <input type="text" value="2,000,000"/>	Total Matching Funds Per Passed Address: \$ <input type="text" value="745"/>	Total Cost Per Mile of New Plant: \$ <input type="text" value="40,773"/>	Addresses Passed Per Mile of New Plant: <input type="text" value="26.85"/>
Total Project Cost: \$ <input type="text" value="4,077,289"/>	Total Cost Per Passed Address: \$ <input type="text" value="1,519"/>		

... Budget Breakdown | Addresses Passed | **Key Data** (+)

Data shown does not represent an actual project.

Key Compliance Obligations

An aerial photograph of a large, ornate dome building, likely a state capitol, with a river and hills in the background. The image is overlaid with a semi-transparent orange filter. The text "Key Compliance Obligations" is centered in white.

POST-AWARD REPORTING AND MONITORING

OVERSIGHT OF PROJECTS AFTER AWARD WILL BE AS IMPORTANT AS SELECTION OF PROJECTS

- Submission of network designs and as-builts
- Review of expenses and requests for reimbursement
- Progress reporting to meet state and federal obligations
- Field audits to verify constructed plant completeness and quality
- Participation in state broadband mapping



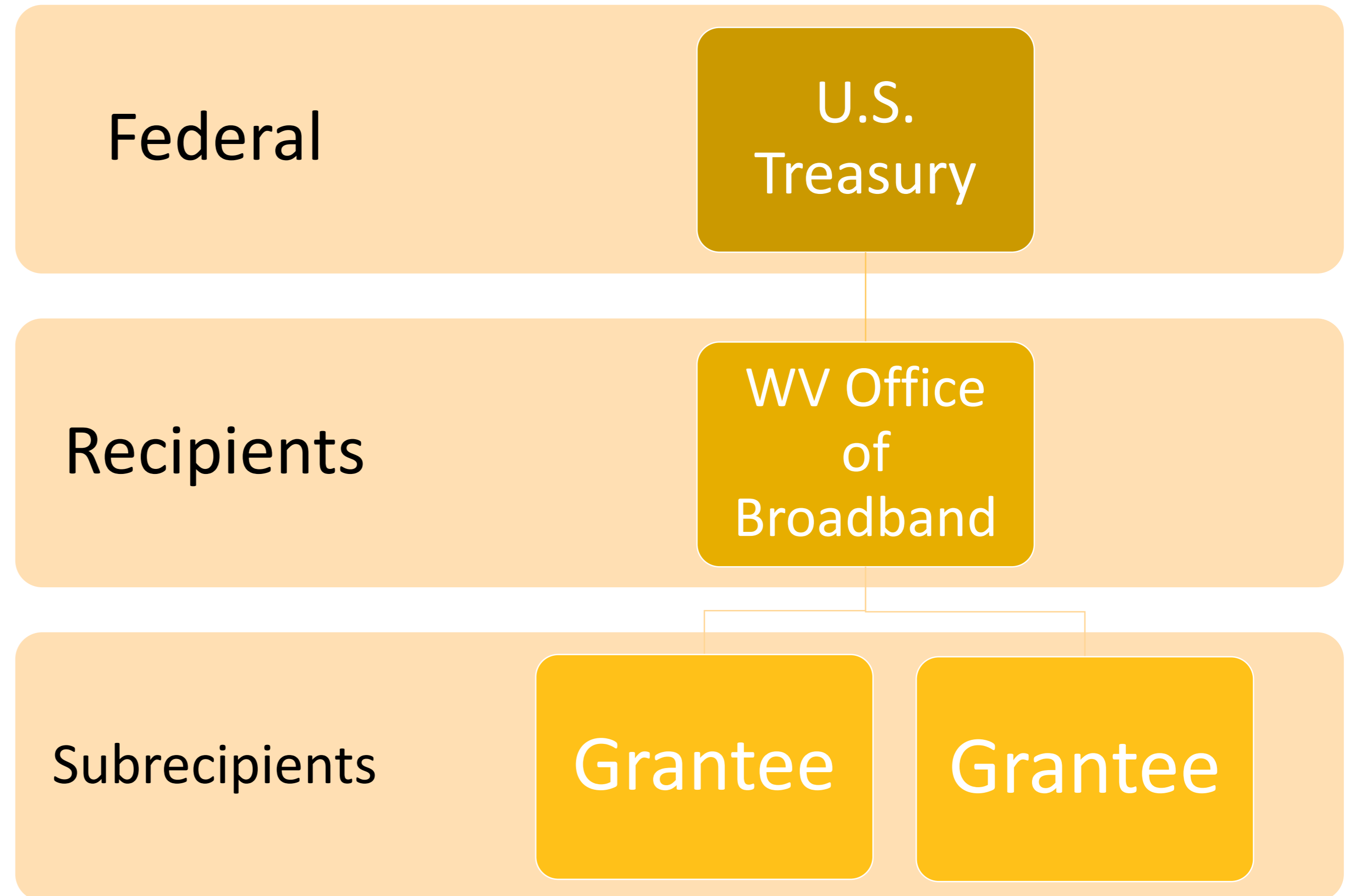
Carefully review the *Guide to Reporting and Compliance Obligations for West Virginia ARPA Broadband Investment Plan Subrecipients!*

RECIPIENTS AND SUBRECIPIENTS

SUBRECIPIENTS HAVE FEDERAL AND STATE OBLIGATIONS

Subrecipients/grantees must:

- Comply with
 - terms and conditions of award
 - statutory/regulatory requirements, *and*
 - Treasury's requirements for subrecipients
- Provide the Office of Broadband with any and all information requested, so that it may report to the Treasury



COSTS MUST BE REASONABLE AND ALLOCABLE

In general, under the Federal Uniform Guidance, Costs must be:

- (1) Necessary and Reasonable for the performance of the Federal award;
- (2) Be incurred specifically for the Federal award;
- (3) Be adequately documented

West Virginia LEAD program requirements are sometimes more specific:

- Indirect costs are not reimbursable.
- Operating expenses are ineligible.
- Internal administrative activities are ineligible.

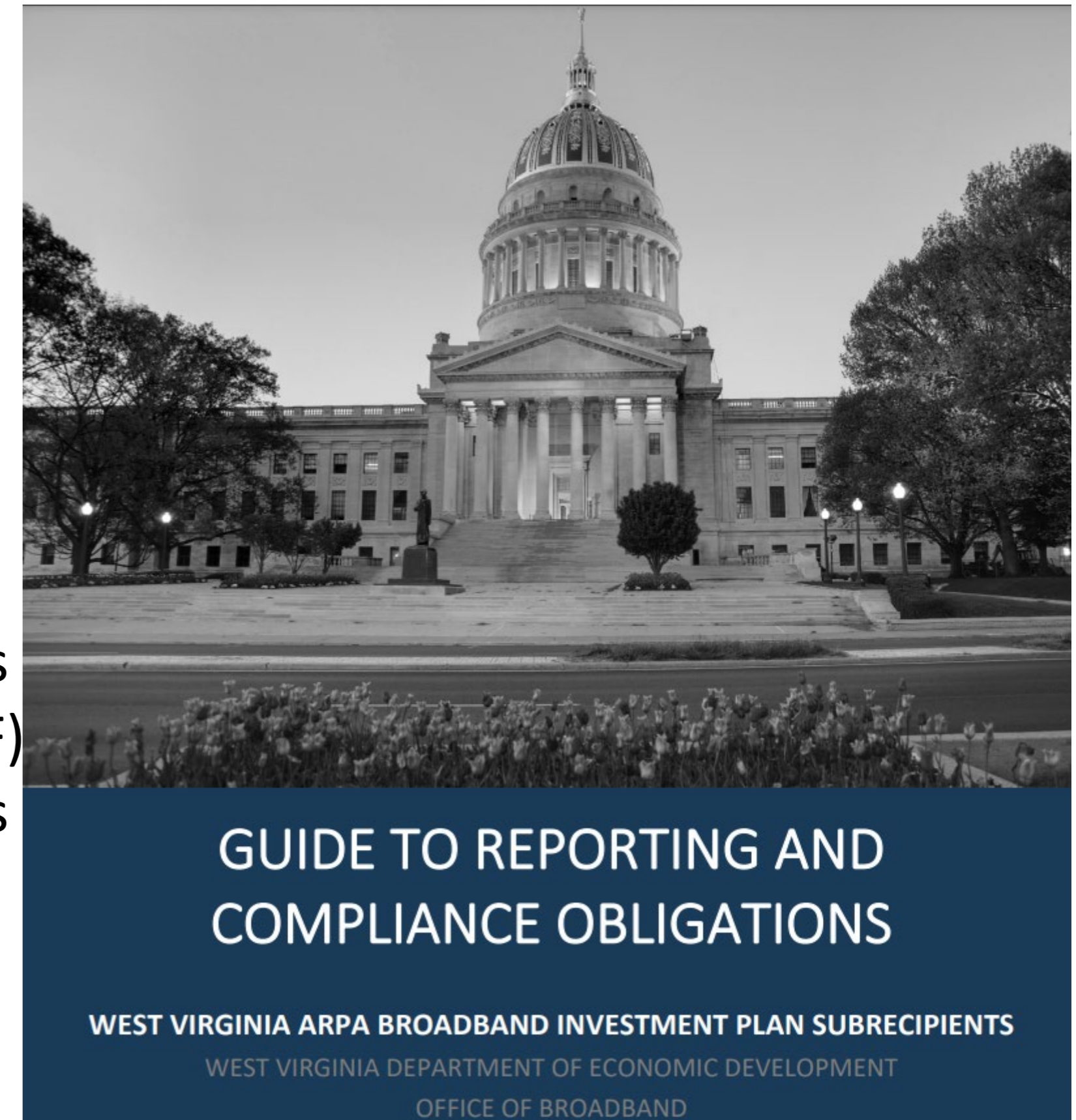
Costs that appear excessive and/or without justification and costs not considered eligible will not be reimbursed!

GENERAL COMPLIANCE OBLIGATIONS

Grantees should refer to the *WVDED's ARPA Subrecipient Compliance and Reporting Guidance Document for Awardees*, available at <https://broadband.wv.gov/>.

Among the compliance requirements required of Grantees:

- Annual State Broadband Reporting (W.Va. Code §31G-1A-3)
- Recordkeeping Obligations
- Submission of project data to WVDED for quarterly and annual reporting
- Internal controls/monitoring of awards
- Audit Requirements (WV Grant Transparency and Accountability Act – W.Va. Code §12-4-14)
- Strong Labor Practices, compliance w/ all applicable federal laws/regulations
- Labor Reporting for Projects receiving \$5M or more (CPF); over \$10M (SLFRF)
 - Certifications regarding prevailing wages for contractors/subcontractors
 - Certifications regarding Project Labor Agreements (pre-hire collective bargaining agreements)
 - Whether Projects prioritize local hires
 - Whether Projects have a Community Benefit Agreement



GENERAL COMPLIANCE OBLIGATIONS – Cont'd

Grantees should refer to the *WVDED's ARPA Subrecipient Compliance and Reporting Guidance Document for Awardees*, available at <https://broadband.wv.gov/>.

Among the compliance requirements required of Grantees:

- Civil Rights Compliance with all Federal and State laws prohibiting unlawful discrimination/violations of civil rights, for example:
 - Title IV of Civil Rights Act of 1964
 - Rehabilitation Act of 1973
 - Age Discrimination Act of 1975
- National Defense Authorization Act (2019) – relating to procurement of telecommunications equipment from certain prohibited vendors (Huawei, ZTE, etc.)
- Competitive Procurement Policies (Avoidance of Conflicts of interest/disclosures of affiliated business entities (per 2 CFR 200.318(c))
- Participation in the FCC's Affordable Connectivity Program

An aerial photograph of a state capitol building, featuring a prominent, ornate golden dome. The building is situated on a hillside overlooking a river valley. The background shows rolling hills and a river winding through the landscape. The entire image has a warm, golden-brown color overlay.

Environmental and Historic Preservation Compliance

FEDERAL ENVIRONMENTAL COMPLIANCE

APPLICABILITY

Federal Environmental Law Compliance

Awardees must comply with all applicable federal environmental laws—WVDED will provide a checklist as part of Grantee's Grant Agreement with WVDED.

Potentially applicable laws include but are not limited to:

- The Endangered Species Act
- Clean Water Act
- Clean Air Act
- National Historic Preservation Act (NHPA)
- Resource Conservation and Recovery Act (RCRA)
- National Environmental Policy Act (NEPA)

PERMITTING REQUIREMENTS

GENERAL

Grantees are responsible for complying with all applicable permitting requirements for infrastructure projects in rights-of-way, including:

* West Virginia Division of Highways (DOH) permitting processes; (Dig Once, encroachment/bond permits)

* Underlying municipal, county, state fees/permits/approvals;

* Federal agency approvals (if within federally-designated lands)

HISTORIC PRESERVATION

NATIONAL HISTORIC PRESERVATION ACT SECTION 106

Grantees must:

- 1.) Confer with the West Virginia State Historic Preservation Office (SHPO) regarding the applicability of Section 106 of the National Historic Preservation Act to the Project;
- 2.) Submit any information required by SHPO; and
- 3.) Receive a communication from SHPO that no further action is required related to a Project before the Department will issue a notice to proceed for the Project.
- 4.) Grantees should also submit documentation of their SHPO compliance to the WVDOH.

Notices to Proceed

An aerial photograph of the Indiana State Capitol building, featuring a prominent golden dome with intricate patterns. The building is situated on a hillside overlooking a wide river, with rolling hills and a town visible in the background. The entire image is overlaid with a semi-transparent orange filter.

REQUEST FOR NOTICE TO PROCEED WITH EXEMPT ACTIVITIES

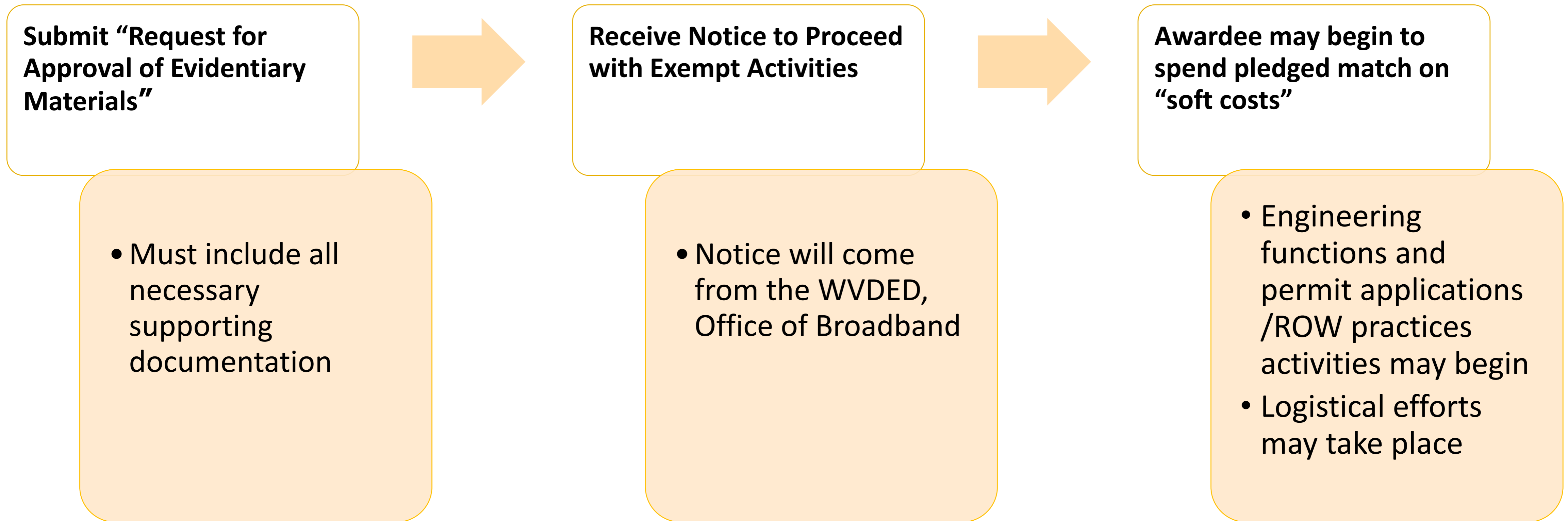
- Prior to construction, the WVDED requires grantees to complete a number of requirements, in a two-step Notice to Proceed process. This process includes

Step One: **Notice to Proceed with Exempt Activities**; and

Step Two: **Notice to Proceed with Construction**

NOTICE TO PROCEED WITH EXEMPT ACTIVITIES

GRANTEES MUST RECEIVE THIS NOTICE BEFORE MAKING ANY ELIGIBLE EXPENDITURES



ADDITIONAL STEPS BEFORE CONSTRUCTION & GRANT FUNDING

Notice to Proceed with Exempt Activities

May begin pre-construction activities once received

May begin to spend match

Submit Engineered Design

May request grant funds for pre-construction activities, if required match is fully spent

Design is also required to request Notice to Proceed with Construction Activities

May request grant funds for construction activities only after also receiving Notice to Proceed with Construction

Notice to Proceed with Construction

May begin construction activities once received

May request grant funds for construction activities, if required match is fully spent

Quarterly Progress Report

An aerial photograph of the Pennsylvania State Capitol building, featuring a prominent golden dome with intricate patterns. The building is situated on a hill overlooking a river valley. The entire image is overlaid with a semi-transparent golden filter, creating a warm, monochromatic aesthetic. The text 'Quarterly Progress Report' is centered in a bold, white, sans-serif font.

QUARTERLY REPORTING DATA

SPECIFIC REPORTING ITEMS

INCLUDING BUT NOT LIMITED TO:

- General identifying information
- Completion status
- Gross revenues from Federal funding
- Project-level data
 - Project technology types (Planned/Actual)
 - Total miles of fiber deployed (Planned/Actual)
 - Total number of locations served (Planned/Actual)
 - Total number of locations served, broken out by speeds (Pre and Post-ARPA investment)
 - Total number of funded locations served, broken out by type (Planned/Actual)
- Speed tiers offered and pricing
- Confirmation of provider participation in FCC Affordable Connectivity Program
- Location by location project information
 - Technology used to offer service at location
 - Location type (Residential, business, Community Anchor Institution)
 - Speed tier at location pre-ARPA investment
 - Speed and latency at location post ARPA investment (maximum download and upload speeds offered and delivered)

SPEED TEST REQUIREMENTS

PER TREASURY AND FCC GUIDANCE

- Speed and latency tests must be from customer premises of an active subscriber
- 95 percent of latency measurements must fall at or below 100 milliseconds round-trip time
- Based on FCC Orders (see links below), there are requirements for testing involving:
 - End points for testing
 - Daily Test Periods
 - At least one download test and one upload test per testing hour at each subscriber test location
 - Number of test locations (depending on number of subscribers in a state)
 - **Testing Frequency:** FCC requires quarterly testing for speed and latency
 - **Flexibility/Choice in testing Methods**

2018 FCC Order: <https://www.fcc.gov/document/wcb-wtb-and-oet-adopt-performance-measures-caf-recipients>

2019 FCC Order: <https://www.fcc.gov/document/fcc-takes-steps-enforce-quality-standards-rural-broadband>

An aerial photograph of the Indiana State Capitol building, focusing on its prominent golden dome. The dome is intricately detailed with vertical lines and decorative patterns. The building is situated on a hillside overlooking a wide river, with a bridge visible in the distance. The background shows rolling hills and a town. The entire image has a warm, golden-brown color cast. The text 'Q&A' is centered in the upper half of the image.

Q&A



WEST VIRGINIA

Economic Development

West Virginia Development Office
State Capitol Complex
1900 Kanawha Boulevard East
Building 3, Suite 600
Charleston, WV 25305

(304) 558-2234

westvirginia.gov