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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

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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

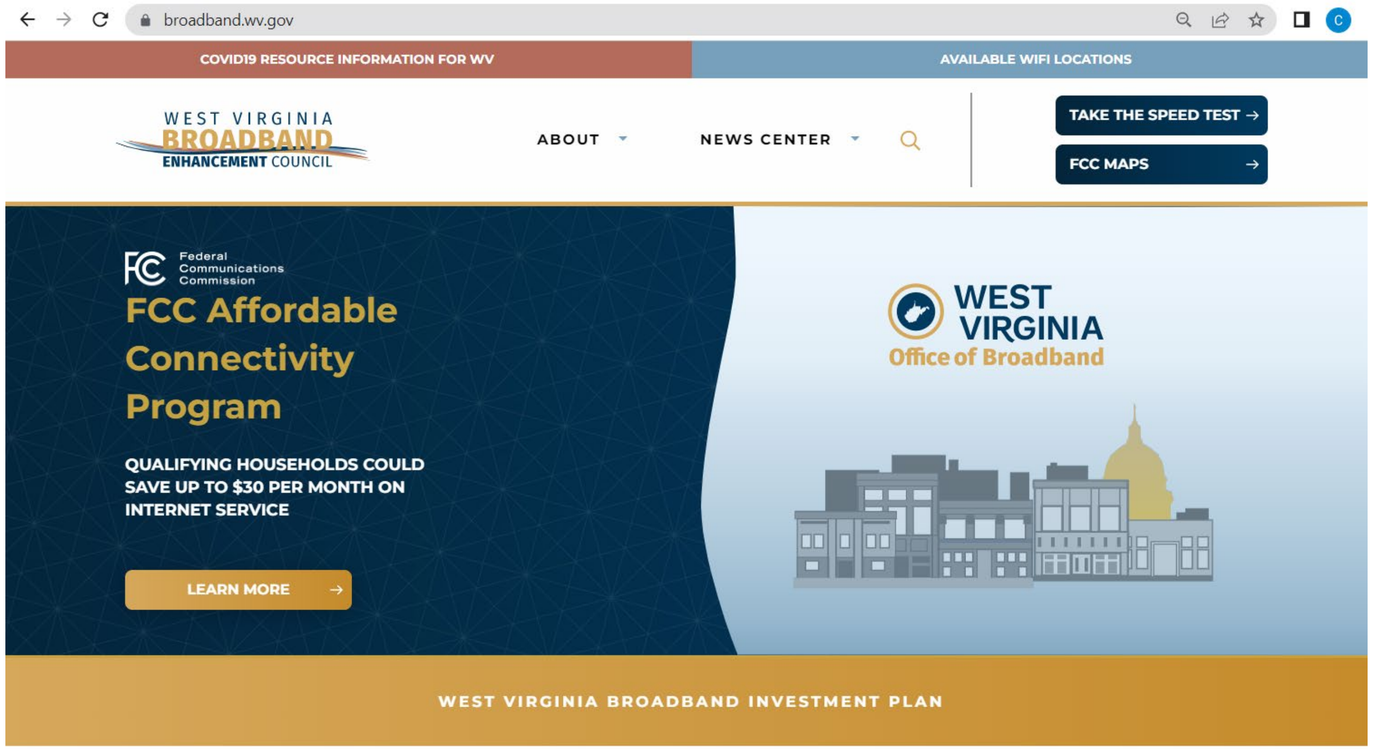
3. Target Address Maps

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/



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

- IIJA Internet For All West Virginia

Program Overview

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

Feb. 17, 2023

- Online Application Opening Target

March 22, 2023

- Application Deadline

Application Review

Check eligibility

Check if project is preferred / non-preferred

Project prioritization / scoring

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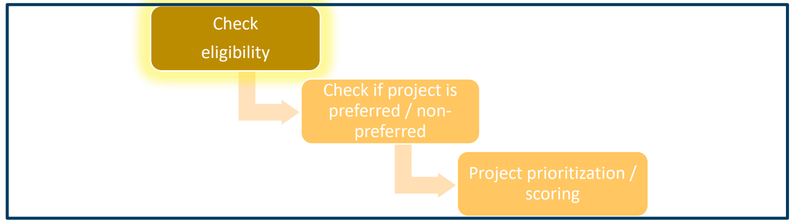
ELIGIBILITY CRITERIA



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.

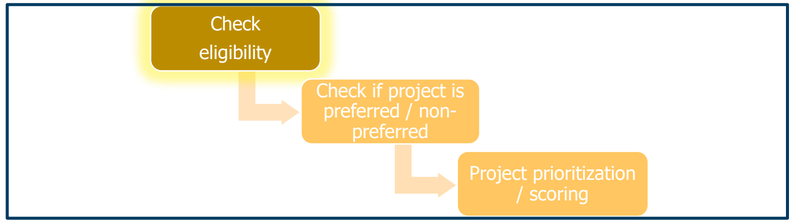
Cost

- 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

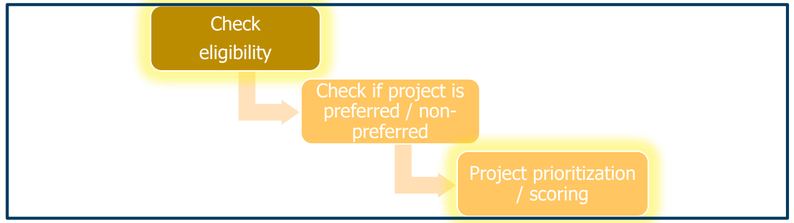


ELIGIBLE PROJECT ACTIVITIES AND COSTS INCLUDE:

- 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



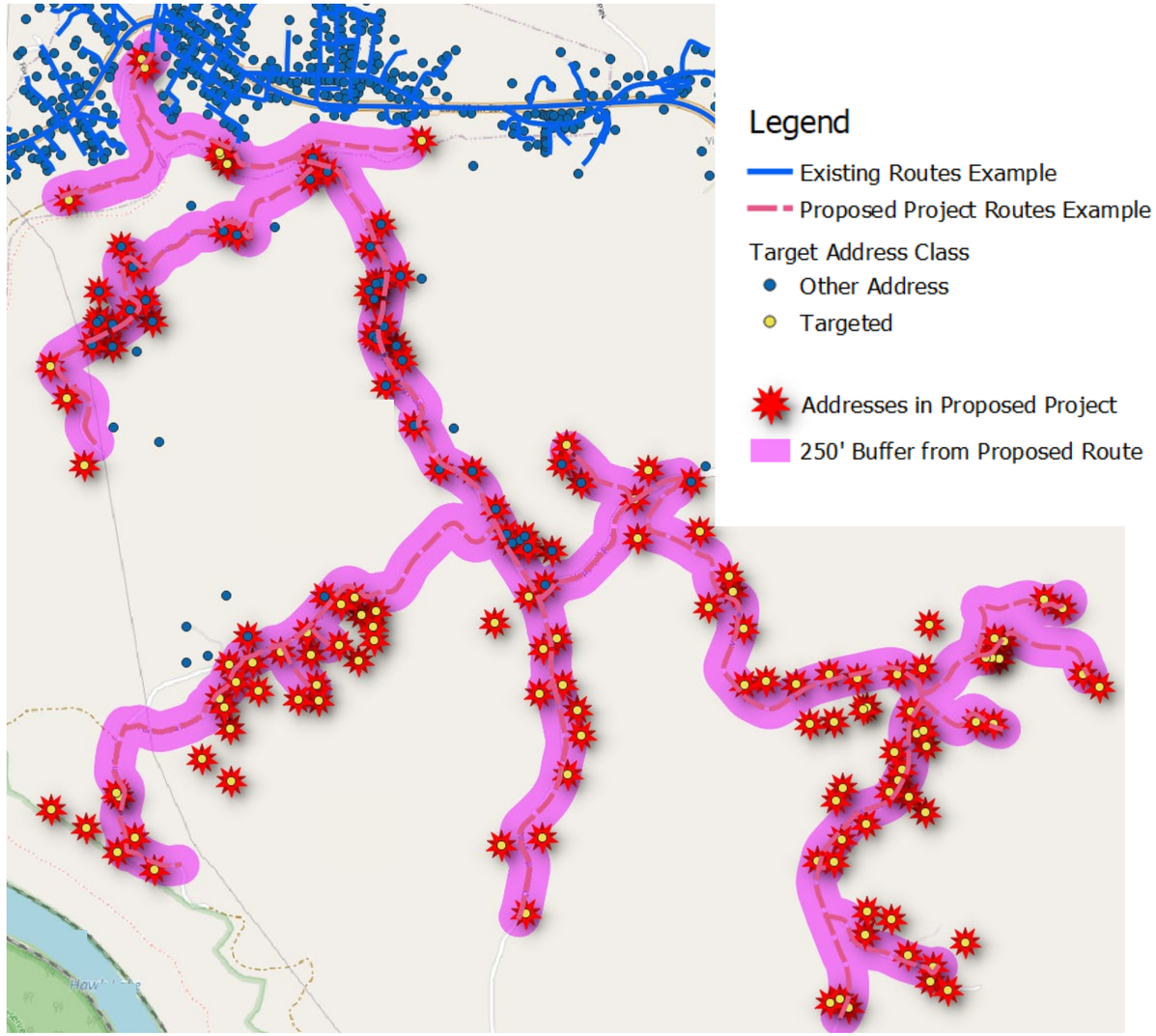
MINIMUM MATCH AND ADDITIONAL MATCH

- 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”

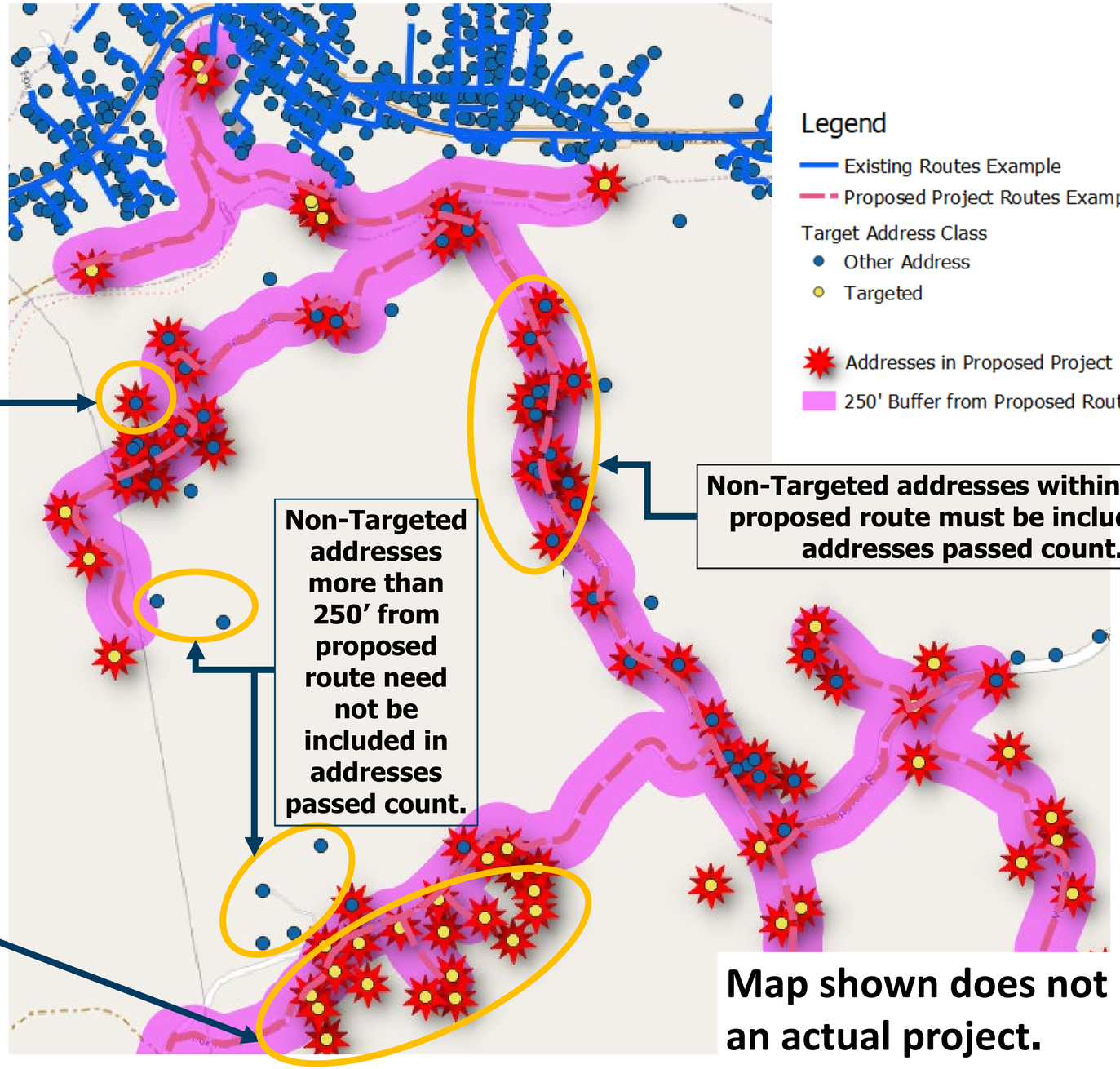
- Count all “Targeted” addresses proposed.
- Also count all non-Targeted addresses within 250 feet of the proposed project route.
- Include in the project budget the cost of any facilities needed to reach Targeted addresses.
- Do not include in the project budget the cost of any facilities that only 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 within 250’ of proposed route must be included in addresses passed count.

Non-Targeted addresses more than 250’ from proposed route need not 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:

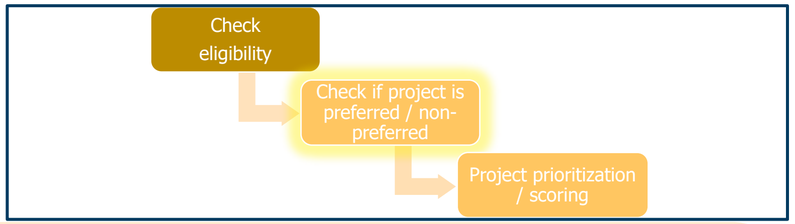
- It is in the best interest of the state,
- It furthers goal of expanding broadband service in West Virginia, and
- The proposed project would not be feasible or advisable without the requested waiver.

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”

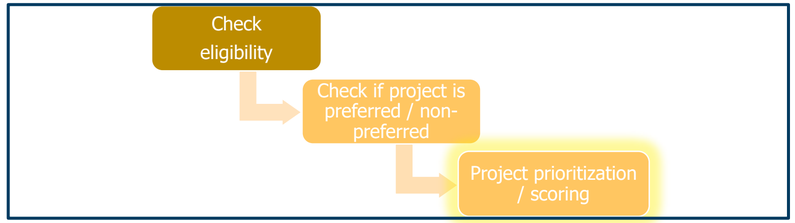
- “End of line” addresses are those Targeted addresses that would be very difficult to reach except by overbuilding the proposed project.
- Preferred projects are prioritized for review and funding decisions.

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)

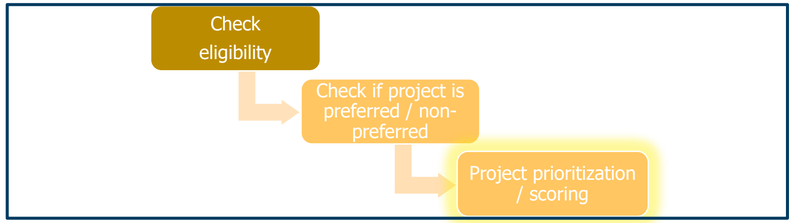
Broadband Development Impact
(up to 50 points total)

Affordability (up to 10 points)

Community Impact (up to 40 points)

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

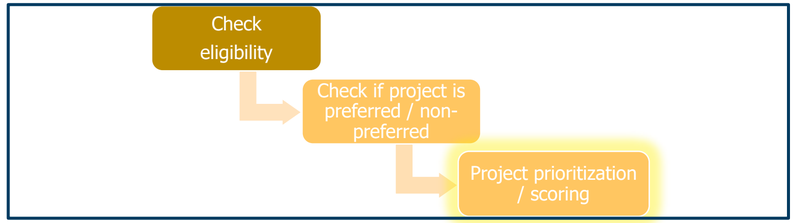
PROJECT PRIORITIZATION



TECHNICAL

Project Readiness	Commitment of proposed match sources
	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

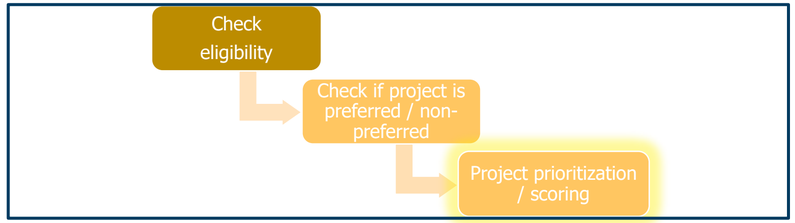
PROJECT PRIORITIZATION



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

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**

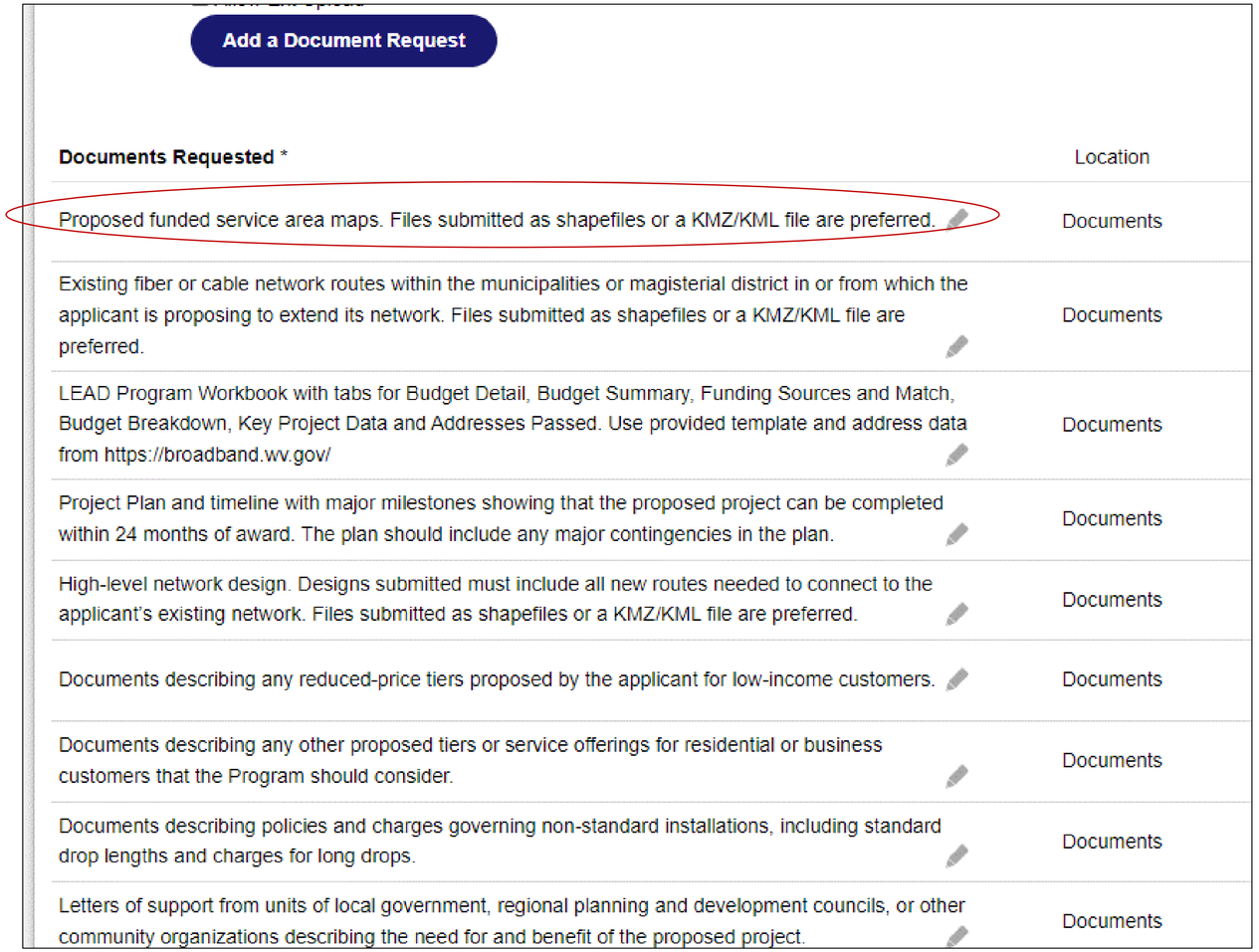
MAP RESOURCES FOR GRANT APPLICATIONS

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

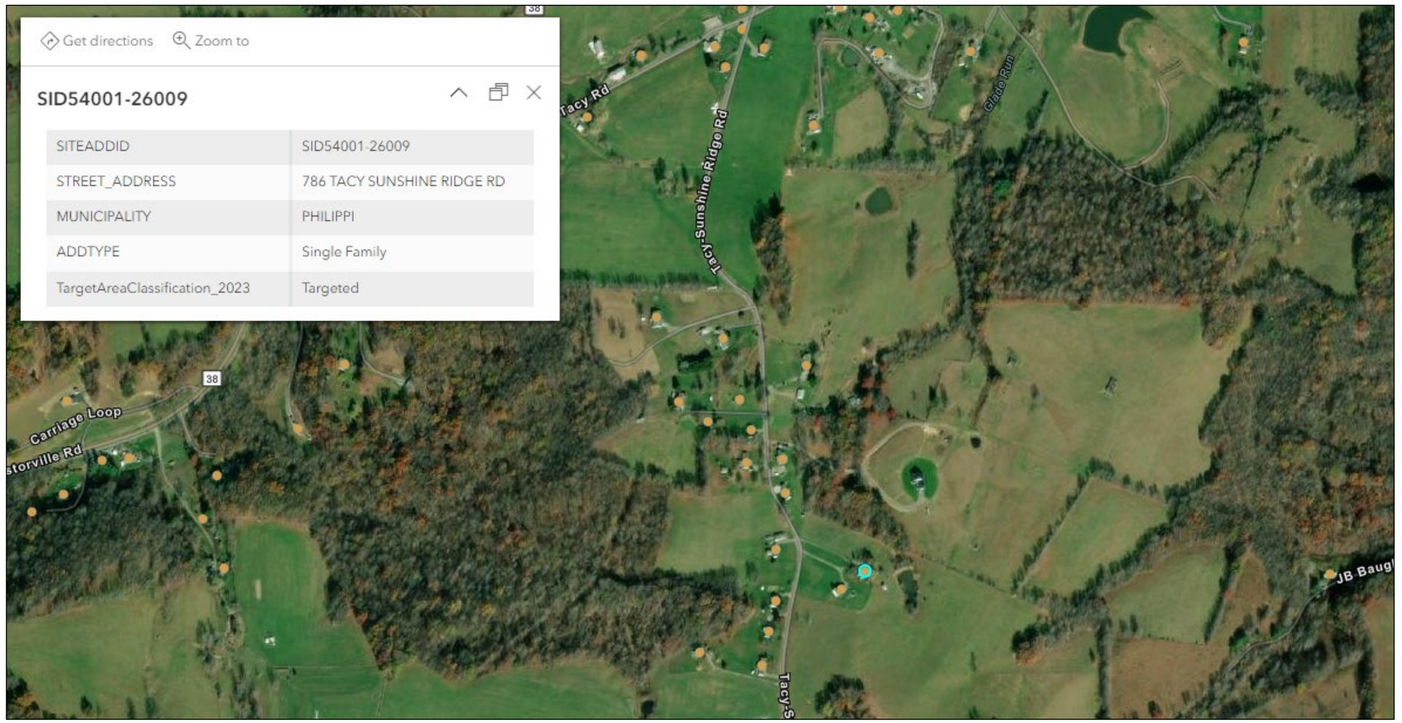


Applicants should use the Target Area address set to generate sets of addresses passed or covered by proposed projects.

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.

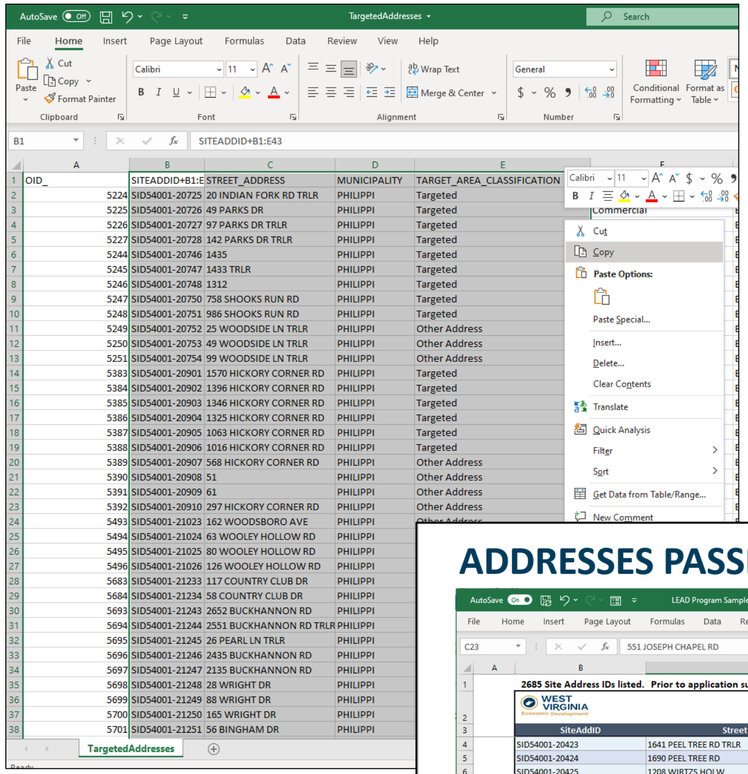
MAP RESOURCES FOR GRANT APPLICATIONS

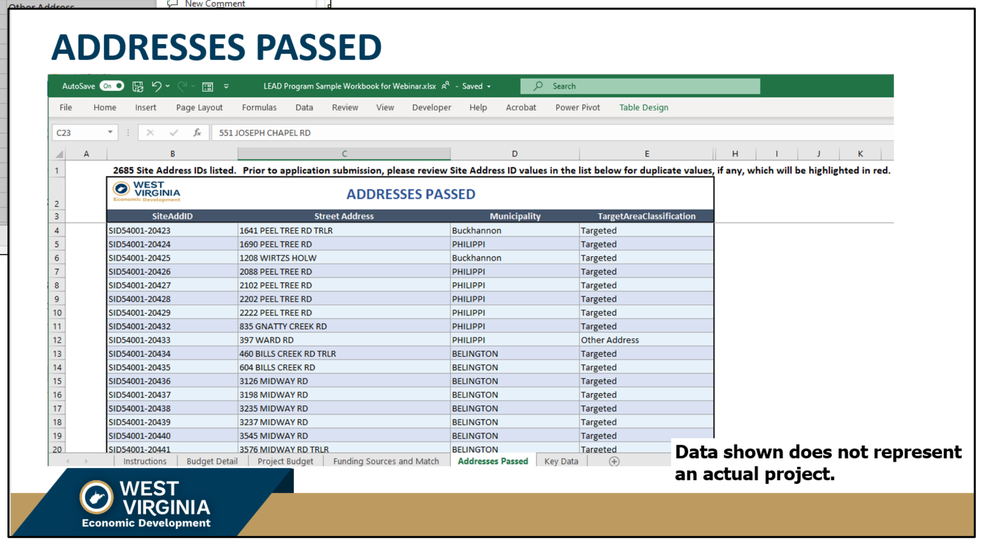
DOWNLOADING THE DATA

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

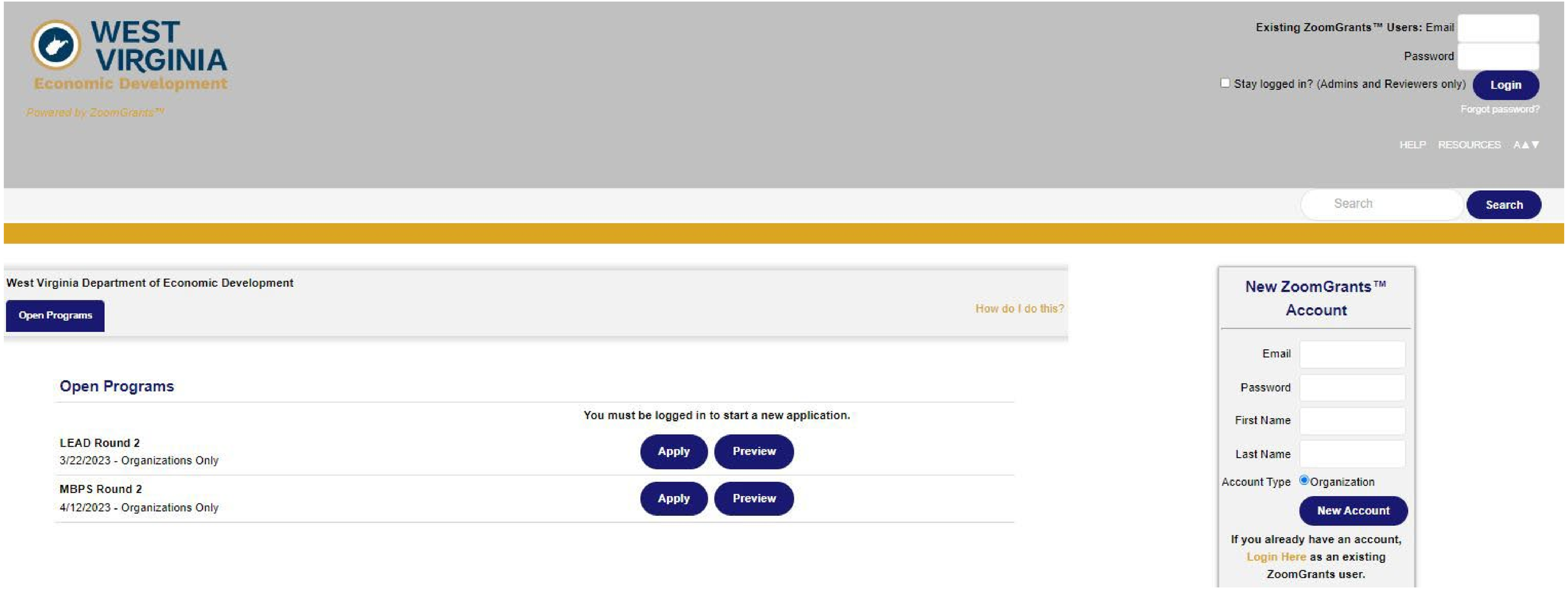




How to Apply Using the ZoomGrants Online Application

WV ARPA Broadband Investment Plan – Grants Portal

https://broadband.wv.gov/ Click on "Online Grant Application"



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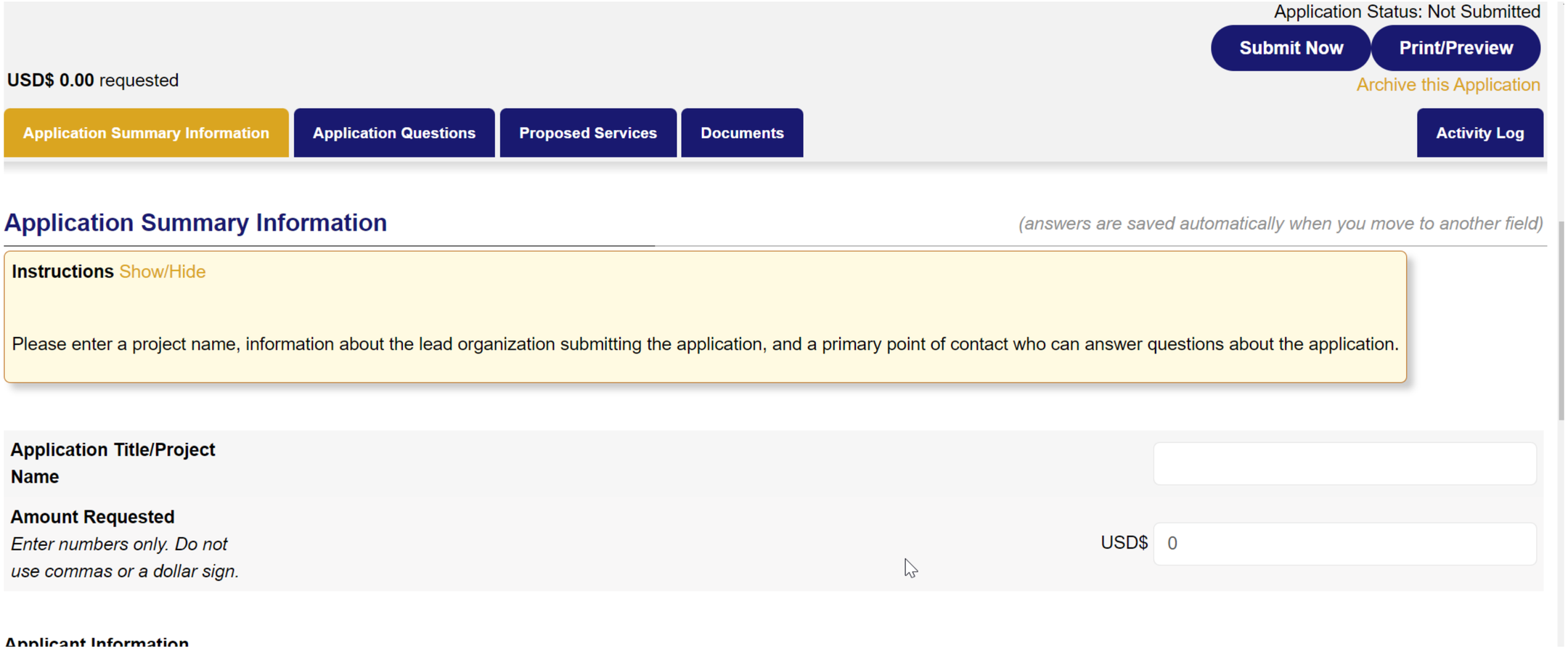

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https://broadband.wv.gov/ Click on “Online Grant Application”

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 Application	Status
Email Address ☐ Add to Additional Contacts *(below)*	First Name	Last Name	Title	☐	Invite

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.

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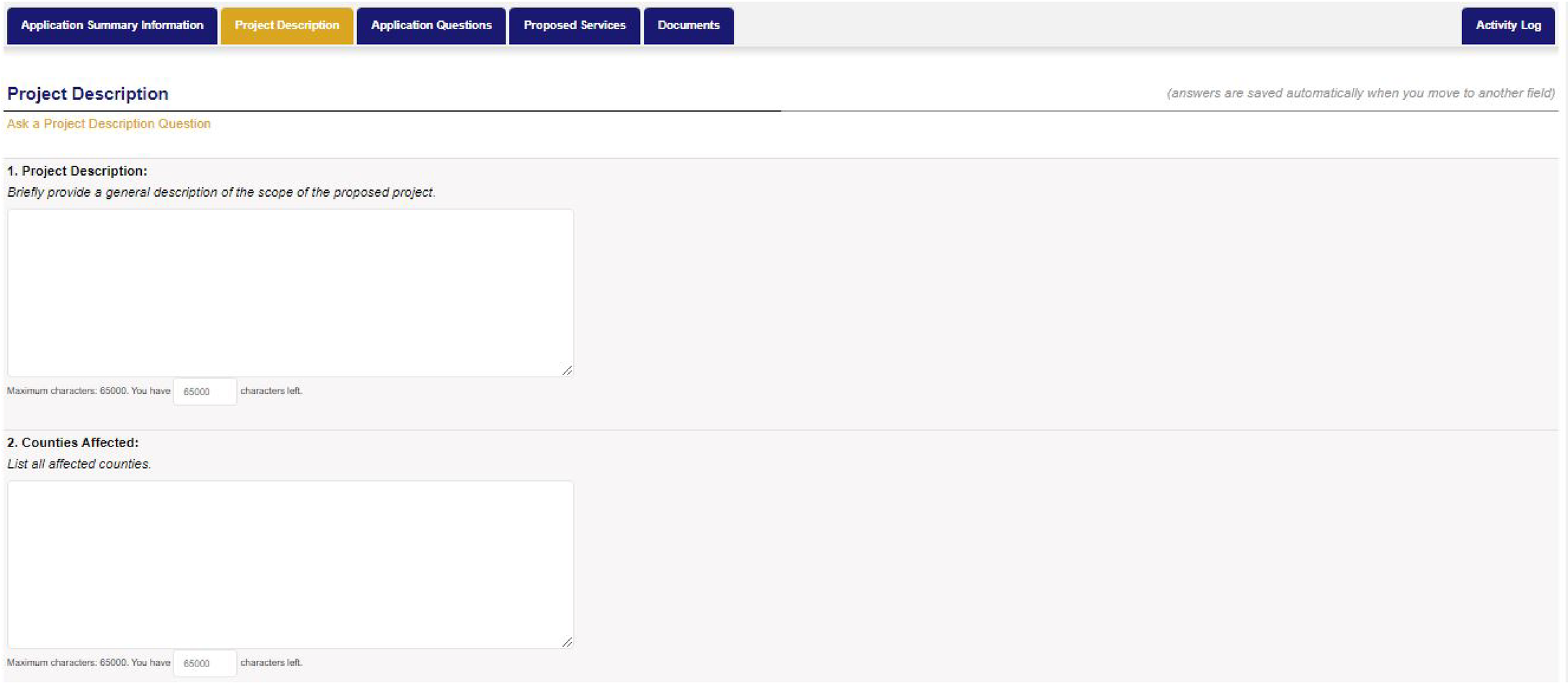

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WV ARPA Broadband Investment Plan – Grants Portal

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 65000 characters left.

4. Targeted Locations:

How many Targeted Locations will the proposed project serve?

Maximum characters: 255. You have 255 characters left.

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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.

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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 65000 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

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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 255 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 65000 characters left.

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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	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	GB
Tier 2	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	GB

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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	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	GB
Tier 2	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	GB
Tier 3	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	GB
Tier 4	Mbps	Mbps	ms	GB/month	$/month	$/month	$/month	$	$/month	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
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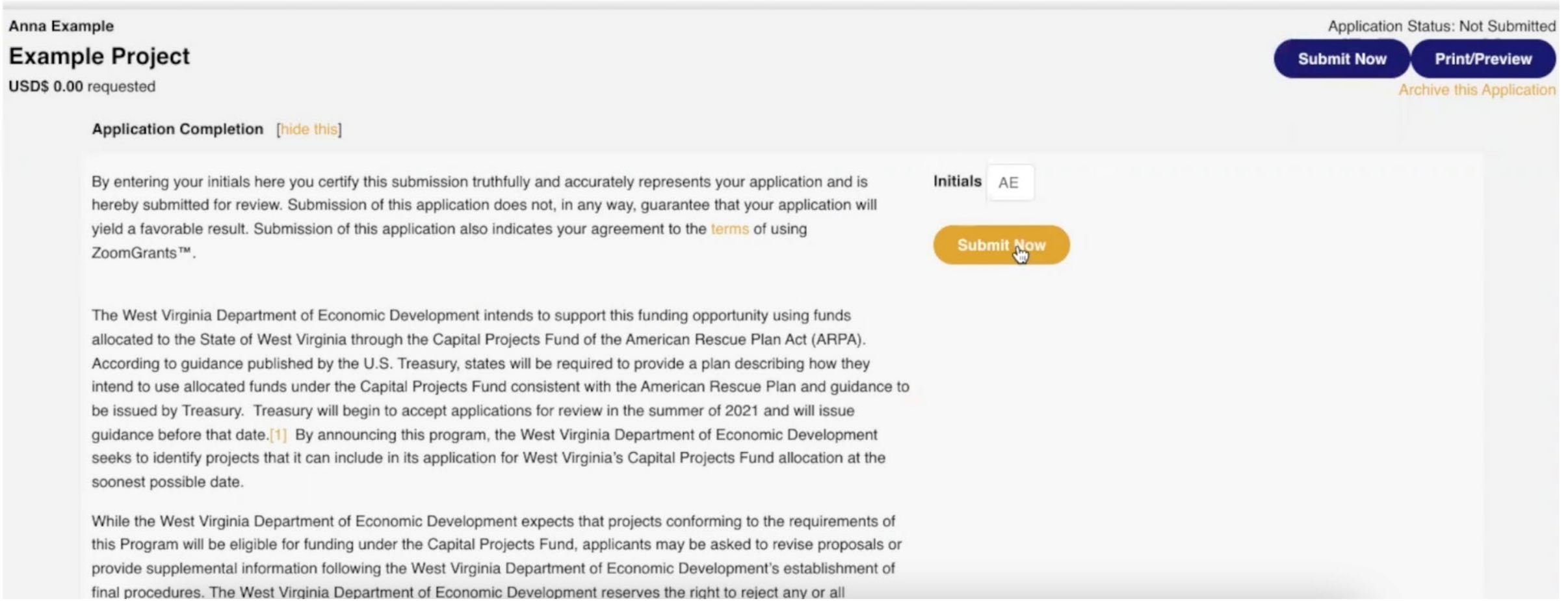
LEAD Program Workbook with tabs for Budget Detail, Budget Summary, Funding Sources and Match, Budget Breakdown, Key Project Data and Addresses Passed. Use provided template and address data from https://broadband.wv.gov/	Required	-none-	Upload
Project Plan and timeline with major milestones showing that 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"



WV ARPA Broadband Investment Plan – Grants Portal

https://broadband.wv.gov/ **Click on "Online Grant Application"**

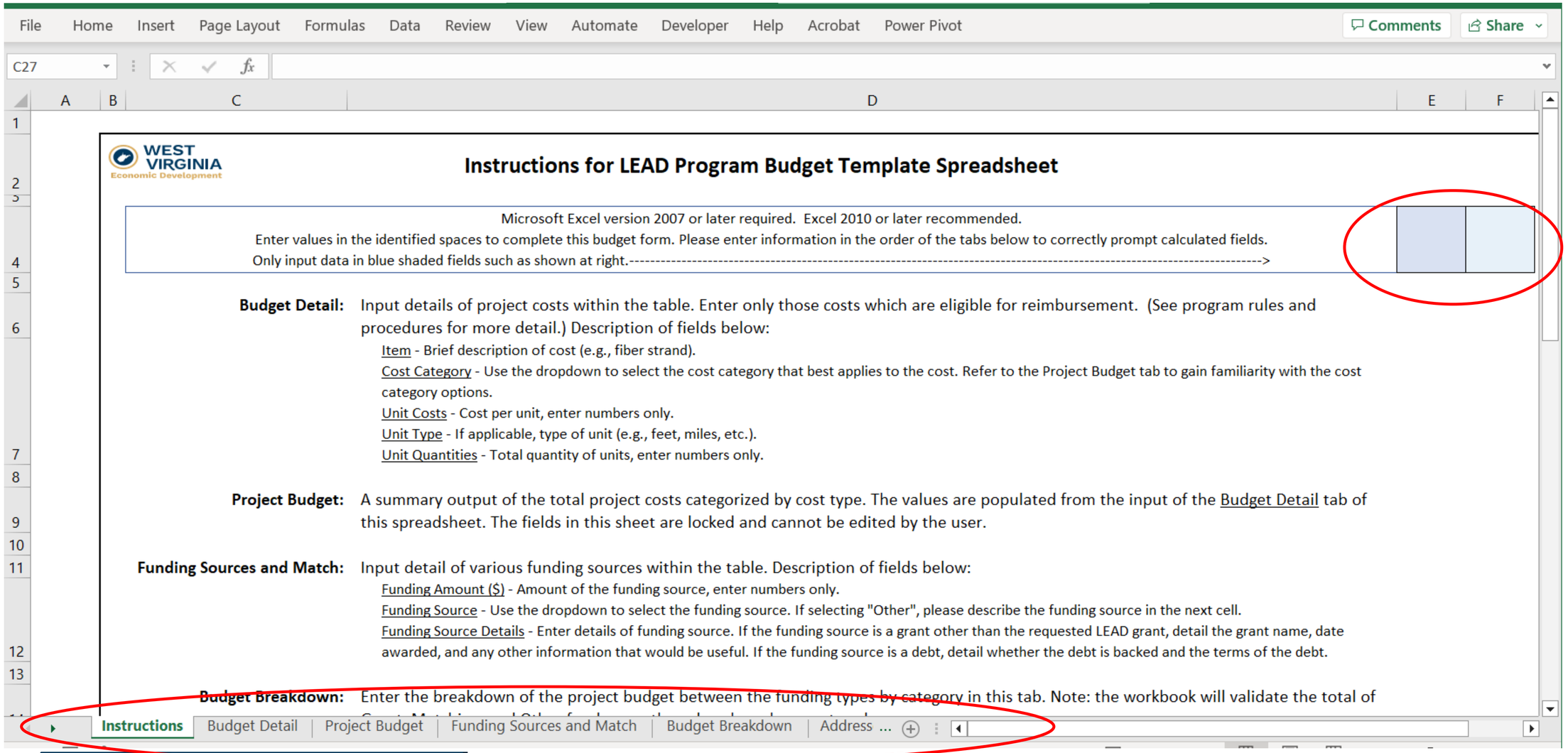
Help.ZoomGrants.com

Questions@ZoomGrants.com

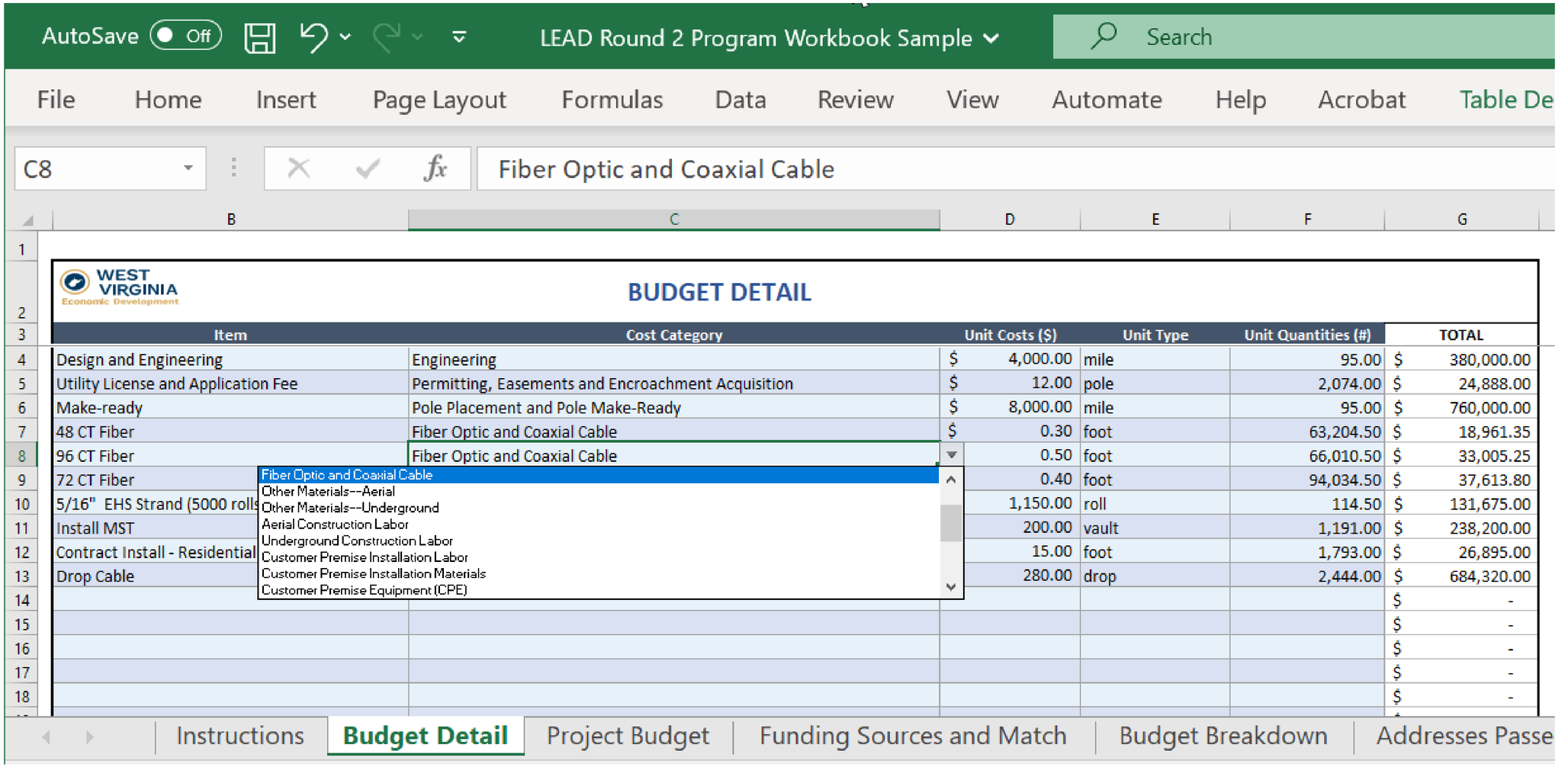
866-323-5404 x2

Completing the Program Budget Template Workbook

INSTRUCTIONS



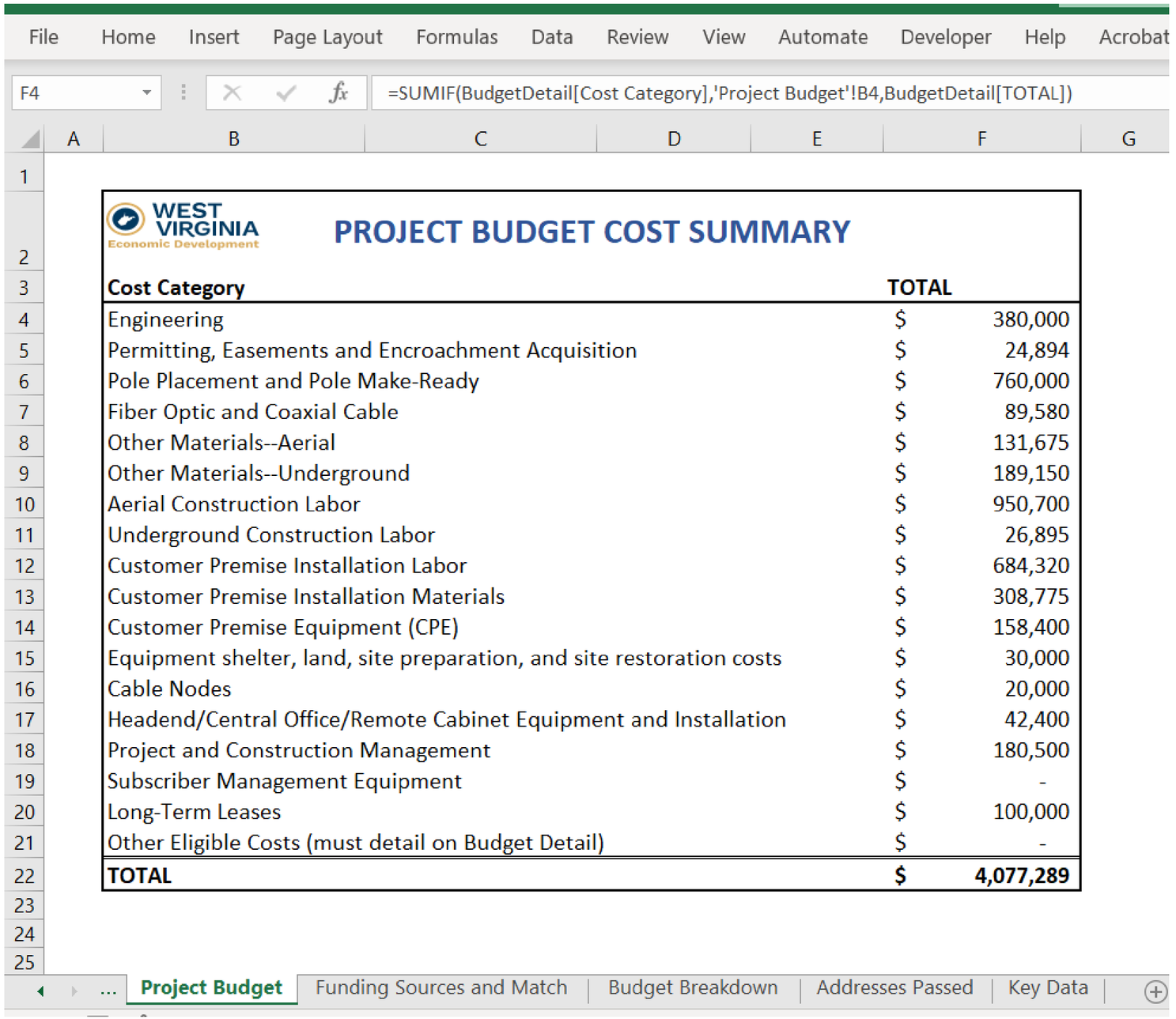
BUDGET DETAIL



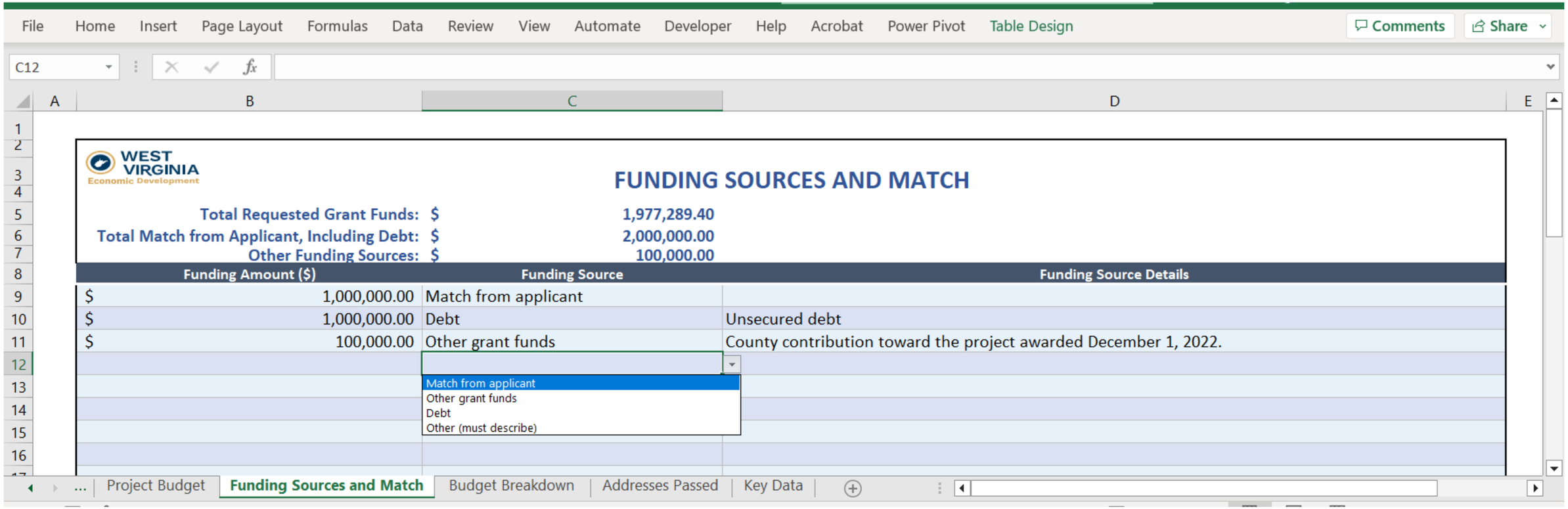
Data shown does not represent an actual project.

PROJECT BUDGET

Data shown does not represent an actual project.



FUNDING SOURCES AND MATCH



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C12

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)

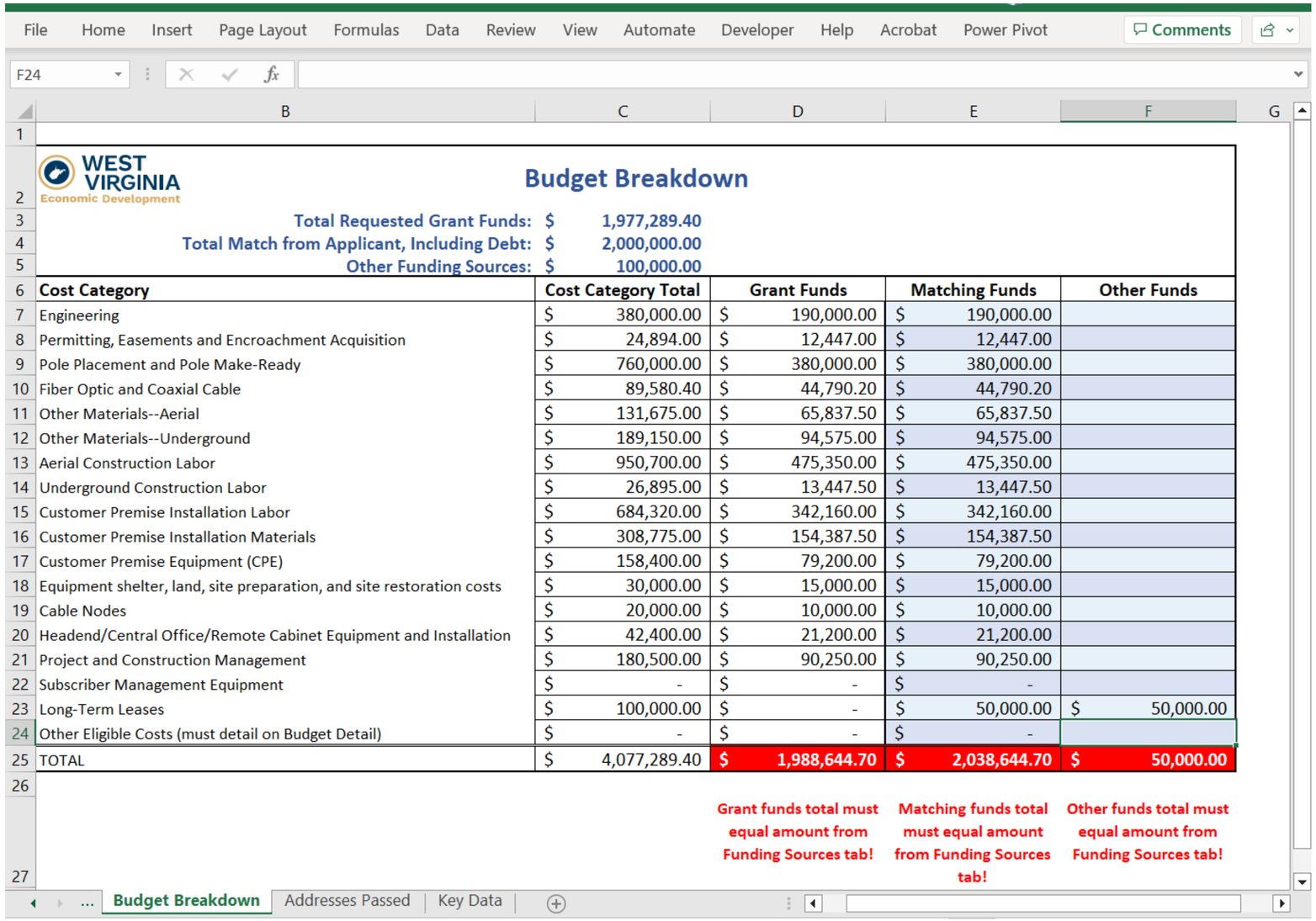
Project Budget | Funding Sources and Match | Budget Breakdown | Addresses Passed | Key Data

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.



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F24

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	$ 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

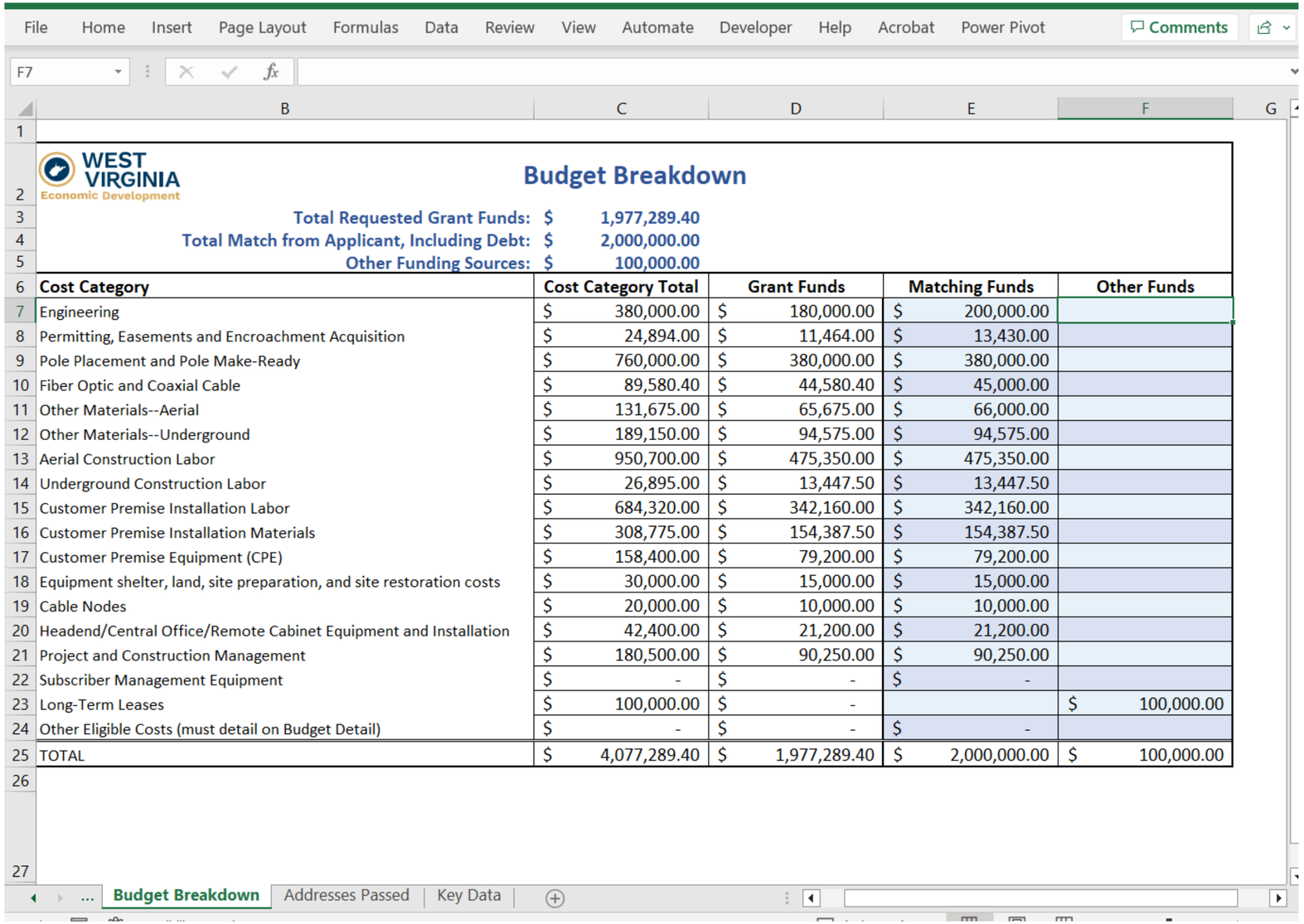
Grant funds total must equal amount from Funding Sources tab!

Matching funds total must equal amount from Funding Sources tab!

Other funds total must equal amount from Funding Sources tab!

Budget Breakdown | Addresses Passed | Key Data

Budget Breakdown (Complete)



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F7

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	
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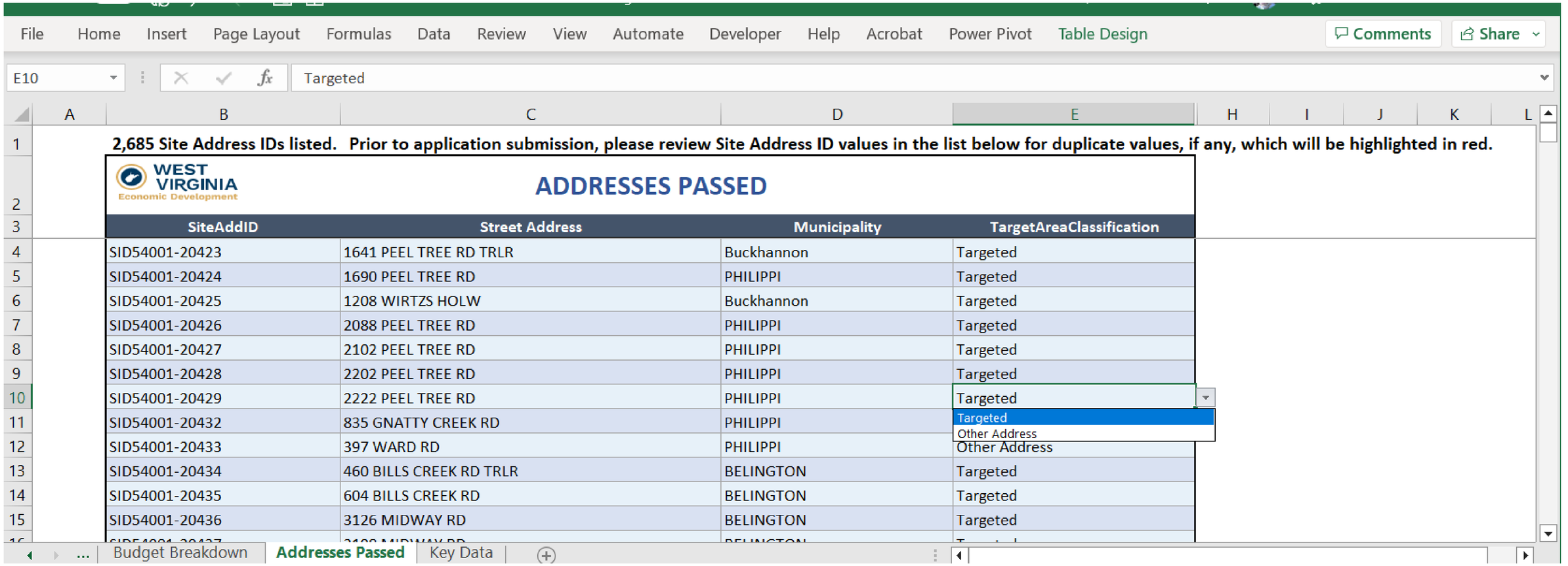
Cable Nodes	$ 20,000.00	$ 10,000.00	$ 10,000.00	
Headend/Central Office/Remote Cabinet Equipment and Installation	$ 42,400.00	$ 21,200.00	$ 21,200.00	
Project and Construction Management	$ 180,500.00	$ 90,250.00	$ 90,250.00	
Subscriber Management Equipment	$ -	$ -	$ -	
Long-Term Leases	$ 100,000.00	$ -		$ 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.

WEST VIRGINIA Economic Development

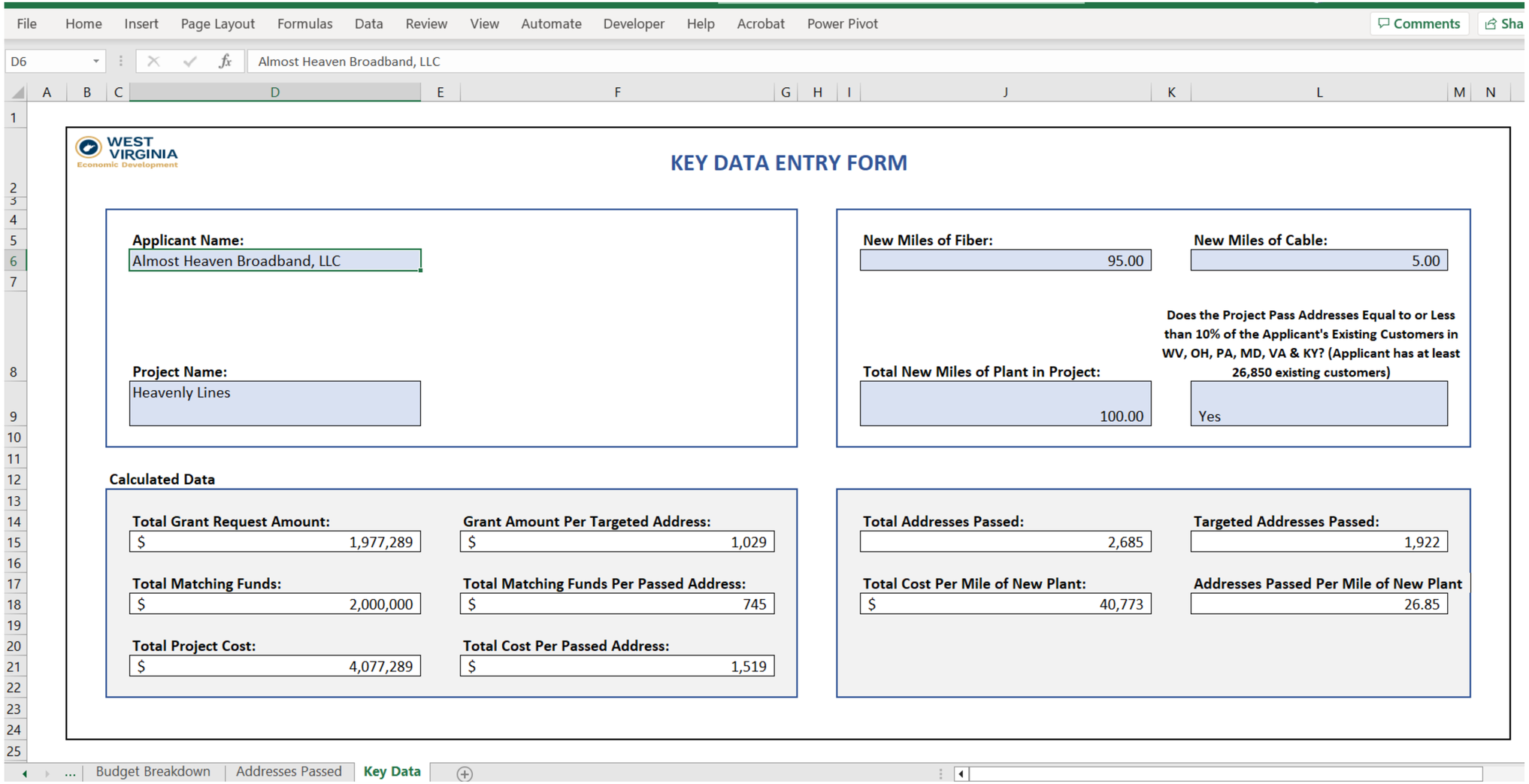
ADDRESSES PASSED

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 / Other Address
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

Budget Breakdown | Addresses Passed | Key Data

Data shown does not represent an actual project.

KEY DATA



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Key Compliance Obligations

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

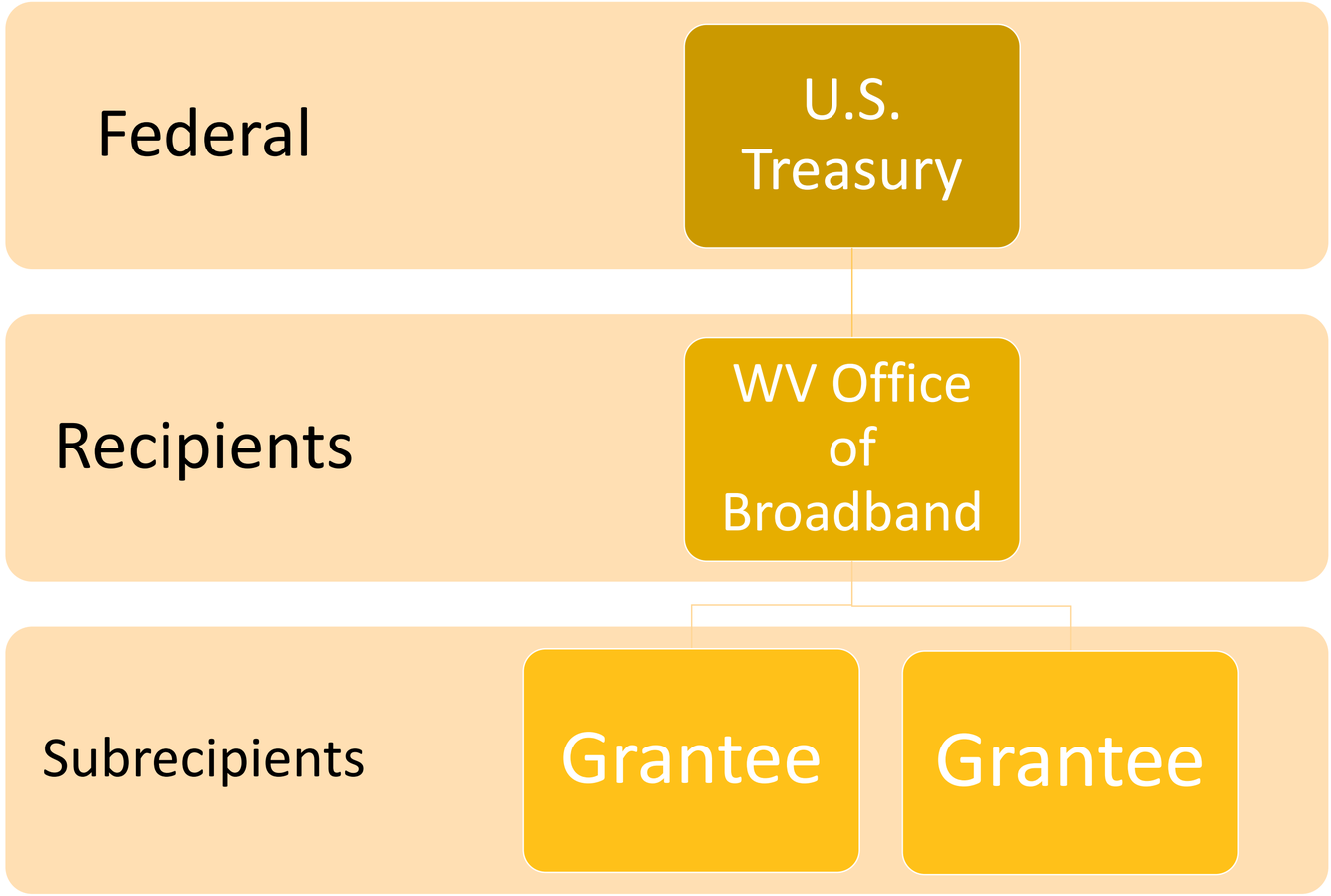
Carefully review the *Guide to Reporting and Compliance Obligations for West Virginia ARPA Broadband Investment Plan Subrecipients*!

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.

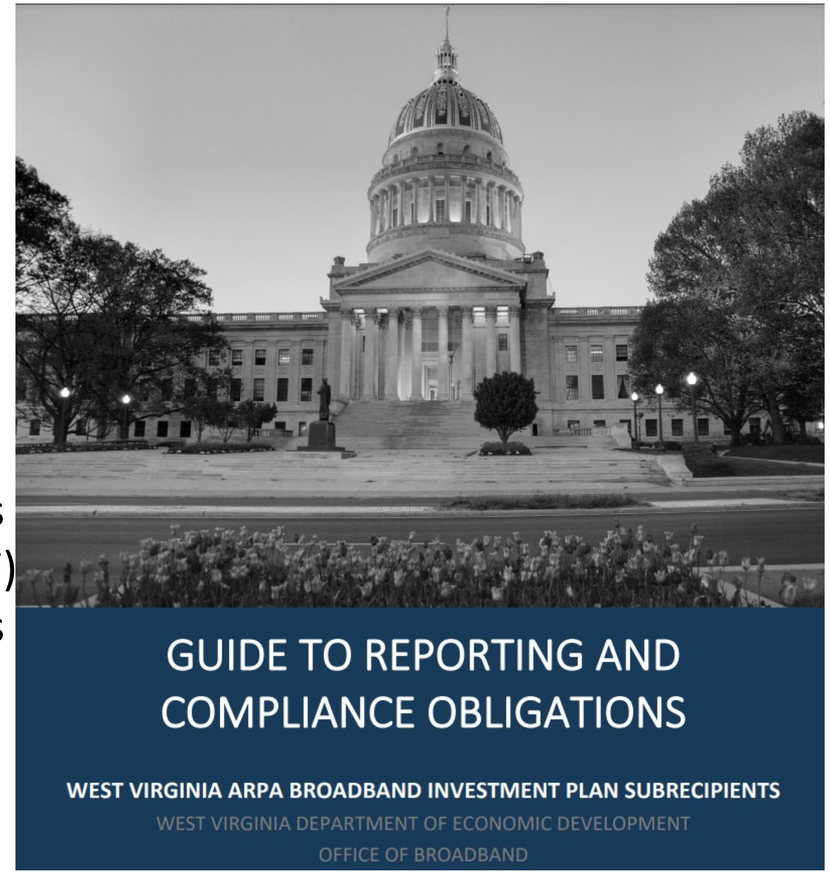
Costs that appear excessive and/or without justification and costs not considered eligible will not be reimbursed!

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

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

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

Submit "Request for Approval of Evidentiary Materials"

- Must include all necessary supporting documentation

Receive Notice to Proceed with Exempt Activities

- Notice will come from the WVDED, Office of Broadband

Awardee may begin to spend pledged match on "soft costs"

- Engineering functions and permit applications /ROW practices activities may begin
- Logistical efforts may take place

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

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

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