South Carolina 2022 American Rescue Plan Act (ARPA) Coronavirus State Fiscal Recovery Fund (SFRF) 1.0 Broadband Grant Program
Application Guidelines

Purpose

The 2022 Coronavirus State Fiscal Recovery Fund ("SFRF") Grant Program seeks to expand broadband infrastructure to households, business, and communities in the State that are unserved or underserved by broadband services.

The South Carolina General Assembly has allocated $214,234,345 of American Rescue Plan Act ("ARPA") funds, less administrative costs, to provide financial assistance to install and deliver broadband infrastructure in unserved areas throughout the State. This competitive grant program, depending on the number of qualified applications, may award approximately $180,000,000 of the allocated ARPA funds.

Pursuant to HB 4408 of 2022, the SFRF shall prioritize 1) unserved areas with no current Internet Service Provider ("ISP"), 2) Difficult Development Areas as identified by U.S. Department of Housing and Urban Development ("HUD"), and 3) census blocks that have a high concentration of unserved public K-12 student households as documented by the South Carolina Department of Education.

Designated Contact Person

Jim Stritzinger
Director
Office of Broadband Coordinator
South Carolina Office of Regulatory Staff
Broadband@ORS.SC.GOV

Michael Herzberger
Deputy Director
Office of Broadband Coordinator
South Carolina Office of Regulatory Staff
 Broadband@ORS.SC.GOV

Questions

Questions must be submitted by email to the Designated Contact Person prior to the close of the Application Period. A Frequently Asked Questions (FAQ), document will be published with answers to questions. Individual responses will not be provided. An FAQ will be published on the South Carolina Office of

Regulatory Staff (the "ORS") website at https://ors.sc.gov/broadband/investments/state/arpaslfrf.

Schedule of Events

Event	Date
Eligibility Map Published on the ORS Website *Challenge period to eligibility map opens*	6/20/2022
Application Period Opens *Challenge period to eligibility map closes*	6/30/2022
Map Challenge accepted and posted to ORS Website	7/15/2022
Application Period Closes	8/31/2022
Submitted Applications Posted on the ORS Website / Comment Period Opens	9/6/2022
Comment Period Closes	10/3/2022
Application Review / Selection	11/1/2022
Funding Agreements Sent to the Companies	11/14/2022
Funding Agreements Returned to the ORS	12/22/2022
Notices to Proceed Issued	12/30/2022
1st Quarter 2023 Financial/Construction Progress Report and Quarterly Expenses Due	4/28/2023
2nd Quarter 2023 Financial/Construction Progress Report and Quarterly Expenses Due	7/28/2023
3rd Quarter 2023 Financial/Construction Progress Report and Quarterly Expenses Due	10/27/2023
4th Quarter 2023 Financial/Construction Progress Report and Quarterly Expenses Due	1/26/2024
1st Quarter 2024 Financial/Construction Progress Report and Quarterly Expenses Due	4/26/2024
2nd Quarter 2024 Financial/Construction Progress Report and Quarterly Expenses Due	7/26/2024
3rd Quarter 2024 Financial/Construction Progress Report and Quarterly Expenses Due	10/25/2024
Project Completion	12/31/2024
Final Reporting Due	1/30/2025

All ARPA SFRF 1.0 information, including the Eligibility Map depicting priority areas and detailed Schedule of Events are posted to the ORS website at ***https://ors.sc.gov/broadband/investments/state/arpaslfrf***

Funding Award Selected

Applicants will be notified in writing, which may include email, if their proposed project is approved for funding, subject to the execution of a contractual funding agreement approved by the ORS.

Funding Agreement Process

Selected Applicants must enter into a contractual funding agreement ("Funding Agreement") with the ORS. The ORS reserves the right to negotiate the final terms and conditions of the Funding Agreement with Applicants whose proposals are selected and to reject any Applicants with whom the ORS cannot agree to terms and conditions. Such Funding Agreement is not valid until approved by the ORS. Selected Applicants must be in receipt of a Notice to Proceed before any work may begin. Any project costs incurred prior to receipt of a Notice to Proceed are ineligible expenses under this solicitation. The anticipated Funding Agreement term begins on the effective date of the Funding Agreement and construction must be completed by December 31, 2024.

Definitions

Served – A residence or business is considered served if standard broadband service at reliable speeds of 25/3 megabits per second ("Mbps") download/upload is available to the residence or business at no additional charge for aid in construction cost. If the broadband customer is asked or required to bear the additional costs to construct a drop or line to the residence or business to obtain broadband service at reliable speeds of 25/3 Mbps download/upload, then the structure is considered unserved.

Unserved – Any residence or business at which standard broadband service at reliable speeds of 25/3 Mbps download/upload is unavailable to the residence or business without additional charge for aid in construction cost as of the South Carolina Broadband Office ("SCBBO") 3/2022 Eligibility Map.

Challenges – A challenge may be made to the accuracy of the SCBBO 3/2022 Eligibility Map. Comments must be provided to broadband@ors.sc.gov by the deadline set forth in the timeline in order to be considered.

Comments – A comment period provides the ISPs or any interested party the opportunity to raise issues regarding an application submitted for grant funding. Comments must be provided to broadband@ors.sc.gov by the deadline set forth in the timeline in order to be considered.

Partnerships – Any documented collaboration between an applicant and a third party.

Universal Service – Telecommunications services including internet access, internet services, and internet connection services and other services that are identified by the FCC as eligible for federal universal service support mechanisms. *See* 47 U.S.C. 254(c), (h)(5)(A)(ii). Universal service is the principle that all Americans should have access to communications services. Since that time, universal service policies have helped make telephone service universally available, even in remote rural areas. Today, the FCC recognizes high-speed Internet as the 21st Century's essential communications technology and is working to make broadband as universally available as telephone services, while continuing to support telephone services.

Comments to ISP Grant Applications and the Identification of Eligible Unserved Areas

Any ISP currently providing standard broadband service at reliable speeds at or above 25/3 Mbps download/upload in an area designated as unserved on the SCBBO 3/2022 Eligibility Map must submit a challenge to the "unserved" designation by the deadline set forth in the timeline in order to be considered. Such a challenge must demonstrate the ISP is currently serving all or part (at least 80% of the housing units) of the designated unserved area. Evidence must be provided to the ORS in the form of geotagged photographs of reputable speed tests at the residential premise of current subscribed customers demonstrating reliable speeds for standard broadband service of 25/3 Mbps download/upload or faster at peak usage times during the day.

To be considered "served," all residences and businesses within the ISP-designated challenge area must have standard broadband service available at reliable speeds of 25/3 Mbps download/upload to the residence or business at no additional cost to the owner or occupant requesting service. If the broadband customer is or may be required to bear additional costs to construct a drop or line to the residence or business, then the structure is considered unserved. Challenge areas such as this may be considered unserved by the ORS.

A challenge to an ORS-designated unserved area may result in the ORS reducing the size of the area identified as unserved. This funding is not approved for projects that may duplicate existing broadband facilities that meet or exceed the 25/3 Mbps download/upload requirement. Challenges must be submitted to the ORS at Broadband@ORS.SC.GOV, and challenges must be received by the ORS as set forth in the timeline. GIS template data formatted in a manner set forth by ORS (see attachment 1), AND sufficient evidence the network is functional will be required for a successful challenge. Acceptable examples include geotagged photos of speed tests, geotagged photos of active construction, or billing statements coincident in the challenged area.

The ORS will take comments on grant applications by submitting their inquiry to the ORS Citrix Share File site for ARPA, if provided by the deadline of as set forth in the timeline.

Upon notice that the ORS has received comments on a grant application, applicants may, within three (3) business days:

1. Submit a response to the comments containing specific evidence that the applicant plans to serve only unserved areas;
2. Demonstrate that the ISP's claims are not valid or incorrect;
3. Modify the application to meet the criteria if necessary; or
4. Withdraw their application.

Upon review of the application, the challenge, the applicant's response, and additional information (if any) requested and provided to the ORS, the ORS will issue a written determination concerning the challenge. Such determination shall be final and binding upon both the applicant and the challenger. Email will be deemed a sufficient means of communicating the final determination. Results that change the status of the eligibility map may also be published on ORS' website.

Funded Project Register

To comply with ARPA requirements, ORS will afford each ISP, county, or municipal government the opportunity to confidentially share their <u>fully funded</u> projects with the SCBBO in order to accelerate broadband deployment in unserved areas of the State.

For broadband infrastructure funds associated with ARPA SFRF, the SCBBO seeks to avoid duplicating

investments and facilities by collecting geospatial information and construction-related detail for any **Privately Funded Projects**, the **FCC's Rural Digital Opportunity Fund (RDOF)**, the **USDA's ReConnect Program**, as well as any county or municipal **ARPA Local Fiscal Recovery Funds (LFRF)** investments. Properly documented projects will be maintained in the SCBBO Funded Project Register (FPR) for the duration of the indicated grant construction period. However, by accepting this information, SCBBO is not making any affirmation or commitment that it will not fund those unserved areas for which there is an identified need for additional broadband infrastructure investment, notwithstanding any existing state or federal funding commitments.

The SCBBO will accept eligible project submissions for the FPR from June 30 through to **Monday, August 1, 2022**, at midnight Eastern Standard Time. Eligible projects must represent construction that will take place between **July 1, 2022,** and **June 30, 2023**.

More detailed information for the FPR may be found at https://ors.sc.gov/broadband/investments/state/arpaslfrf.

Eligible/Ineligible Activities

Any project currently under contract or under construction is not eligible to apply. A provider may submit more than one application. The Applicant must provide evidence that each project will be completed by the deadline set forth in the timeline in order to be considered. Multiple applications can be submitted per community. To be eligible, the Applicant must fund a financial match of the total project cost, but may use funds from other non-public sources to make its match. The Applicant must provide proof that it has secured the necessary funds to meet its proposed match requirement.

After the application period has closed, there shall be no further telephonic, email, or in-person contact by Applicants, their agents, or representatives with the ORS in an attempt to lobby or influence the approval of its applications. Only formal written comments regarding submitted applications, which are due by the deadline set forth in the timeline will be accepted and considered. Any improper contact with the ORS can lead to disqualification of the application. The ORS may contact the Applicant to seek clarification or additional information regarding an application. The quiet period will terminate upon receipt of the Funding Agreement.

To be eligible for funding, a Project must meet the Universal Broadband Service requirements established in these Guidelines. Any deviation from the Universal Broadband Service requirements will require a written request by the Applicant and must be documented in the Funding Agreement for each Project.

Universal Service Broadband Requirement

Upon approval of a project under this grant program, all residents and businesses in the Project Service Area must be served in a manner that is non-discriminatory, at speeds equal to or greater than the minimum required in these Guidelines, and without additional construction or startup costs to the customer.

Projects must meet the following eligibility criteria:

1. Each project must contain at least one census block that includes a high-priority area ~~of K-12 students~~. Census blocks must be unserved according to the SC Broadband Office 3/2022 Eligibility Map.

2. Applicant must serve a minimum of 100% of the housing units in priority census block(s) and 80% or more of the housing units in unserved census block(s) outlined in their grant application upon completion of the project. Applicants must identify all housing units in a given census block (see Project Applications section below). ~~Applicant must serve a minimum of 80% of the housing units in the entire census block(s) outlined in their grant application upon completion of the project. Applicants must identify all housing units in a given census block (see Project Applications section below).~~

3. Applicants shall propose a financial match percentage for each project submitted and must disclose the

5

source of those funds. Additional documented and disclosed third-party financial contributions (public or private), for a project are permissible.

4. Deploy new broadband infrastructure 1) in unserved areas with no current ISPs, 2) Difficult Development Areas as identified by HUD, and 3) census blocks with a high concentration of unserved public K-12 student households.

5. Ensure broadband infrastructure and associated equipment is designed to reliably deliver broadband in the approved Project Area that meets or exceeds symmetrical download and upload speeds of 100/100 Mbps; provided, however, if such speeds are not practicable because of geography, topography, or excessive costs, the Project shall be designed to deliver 100/20 Mbps download/upload speeds and be scalable to 100/100 Mbps symmetrical download/upload speeds. If not symmetrical, the Applicant must provide an affidavit that such speeds are not practicable and provide support for its assertion.

6. Be a project that does not overbuild another provider's existing wired broadband network that currently delivers service at sustainable speeds equal to or greater than the 25/3 Mbps minimum benchmark to all requesting customers without additional charges. (Networks that cannot deliver or sustain reliable 25/3 or cannot deliver service without additional construction or setup charges may be overbuilt.)

7. Provide broadband service within the Applicant's proposed project area.

8. Adhere to the South Carolina Universal Service Broadband Requirement.

9. Be completed, operable, paid for, and submitted to the ORS for payment by the deadline set forth in the timeline.

10. Participation in the Affordable Connectivity Program ("ACP") is mandatory for the life of the ACP.

11. Provide an affordable high-speed Internet plan option that does not include an income threshold requirement.

12. Be compliant with all federal and state ARPA SFRF requirements, for which Grantees of public funds are responsible.

    a. Department of the Treasury Final Rule [31 CFR Part 35 RIN 1505-AC77] - https://home.treasury.gov/system/files/136/SFRF-Final-Rule.pdf
    b. 2021-2022 Bill 4408: American Rescue Plan authorizations - https://www.scstatehouse.gov/sess124_2021-2022/bills/4408.htm

13. Eligible costs include, but are not limited to:

    a. Construction and Materials (e.g., fiber, conduit, photonics, electronics, etc.)
    b. New and rehabilitative construction contracts
    c. Architect and engineering services, subject to ORS approval
    d. Permitting fees
    e. Validation of Service expenses
    f. Equipment related to broadband infrastructure
    g. Equipment installation

14. Grant funds <u>may not</u> be used for ineligible costs. Ineligible costs include, but are not limited to:
    a. General broadband planning not associated with the project
    b. Expenses related to providing broadband services
    c. Ongoing overhead, operating costs, or staff costs
    d. Political activities, lawyer fees, or lobbying
    e. Expenses related to administering the Grant
    f. Equipment that is depreciable and has a useful life after Project completion
    g. Supply and Material Markups
    h. Operating expenses not directly related to the construction of the Project, including, but not limited to, leases of any kind

      i. Expenses related to the provision of customer devices (handsets, laptops, tablets, etc.)

      j. Bandwidth or spectrum expenses

      k. Salaries, or overhead not directly related to the construction of the Project

      l. Expenses related to the purchase or construction of towers, land, or buildings, or for building renovations, tower upgrades, or the acquisition of facilities or companies

      m. Purchase of equipment that is depreciable and has a useful life after project completion, unless it is part of the facilities used to deliver the broadband service (e.g., fiber, conduit, electronics, etc.)

Special Considerations and Exceptions

To provide broadband service to an unserved area, an application may include costs to build facilities through an area already served by broadband. The ORS will evaluate such applications on a case-by-case basis to determine approval of eligible costs.

Project Applications

Applications will be available beginning by the deadline set forth in the timeline with applications due by 3 pm (EDT) by the deadline set forth in the timeline. Applications, all attachments, and GIS Data must be uploaded to the ORS Citrix site under the "ARPA 1.0 Applications and Attachments" folder. If an applicant does not have access to the following folder complete the data access request form located here https://arcg.is/1fiq1j and access will be granted. Applications received after the deadline will **NOT** be considered. Failure to answer each question and section completely may result in disqualification of the application. All questions with answers highlighted in the following color (   ) are **REQUIRED** to be answered. Questions with answers highlighted in yellow are optional. All applications must be submitted by ISPs providing retail service to broadband, provided under the following sections:

1. Applicant Information

    1.1. Descriptors reflecting the primary applicant

    1.2. Project Name/Number - Provide a project name and number, the number should be formatted as such XXX-XX, with the first three digits alphabetical and the last two numerical

    1.3. Broadband Provider Context – Provide information on the nature of the ISP and its compliance with FCC reporting

    1.4. Broadband Infrastructure Information – Choose the type of Broadband Infrastructure to be deployed

    1.5. Proposed Broadband Pricing Tiers – Select the rates and include the upload/download speeds, on a monthly, per rate basis

    1.6. Project Timeline – Provide relevant dates reflecting the project's proposed period of performance

    1.7. Project Service Area Information – Descriptive statistics about the proposed project

2. Budget Summary

    2.1. Project Costs – Provide details associated with project costs by category. If you have quantity and per unit cost, please include. All fields are required in column E are required

    2.2. Funding Details – Provide details on project match and any 3rd party funding sources

3. Confirmations

    3.1. Yes/No answers to confirm applicant acceptance of key elements associated with ARPA SFRF grant program.

4. Additional Information – Narrative portion of the grant application. 2000-character limit on any specific

response

5. Project Sponsors

    5.1. – 5.4 Identify any sponsors that have provided support toward the applicant's project, including letters of support

6. Attachments – Attachments listed in the application tab must accompany the grant application to be considered for ARPA SFRF funds. Failure to provide requested attachments may result in disqualification of a submission

    6.1. GIS Shapefiles – Provide GIS data showcasing the project limits utilizing the templates provided by the ORS in accordance with GIS standards established under the grant program

        Applicants are required to submit GIS Shapefiles or a File Geodatabase to the ORS as part of the application submission process depicting the 2020 Census Blocks that will be served, broadband infrastructure lines, network junctions, service areas, and units which will be served. Data must be fully attributed and compiled in accordance with the GIS data standard and associated template data developed as part of this grant program. See Attachment 1.

        GIS data from Applicants will be evaluated by the ORS. Applications which are funded will include a print map and corresponding table of Census Block IDs produced by ORS, that will serve as the basis of the Project limits which must be dated and initialed by the ISP prior to the execution of a grant agreement and issuance of a Notice to Proceed. See attachments 2 and 3.

    6.2. Signed Affidavit - All applications will require certification and signature through execution of an affidavit by the President, CEO, or CFO. Signed affidavits must be included as an attachment to an application submission. See attachment 4.

Application Selection

The ORS will review applications and rank eligible projects in accordance with the criteria and priorities set forth in these guidelines. Applicants may submit one project per application. However, Applicants can submit more than one application. Applicants submitting more than one project may prioritize their projects for the community in a cover letter submitted with each application.

Applications will be reviewed and scored; however, ORS reserves the right to award grants that are in the public interest and accelerates internet deployment. Applications will be evaluated and scored based on the following criteria:

1. **30% High Priority Area** – Per State ARPA Legislation, priority will be given to:
- Census blocks of 20 or more K-12 student households per SC Department of Education; or,
- US Housing and Urban Development (HUD) Difficult Development Area (DDA); or,
- Where no Internet Service Providers (ISPs) are available, per Federal Communication Commission (FCC) Form 477 reporting data exist.

Scoring is calculated on the total number of Census blocks in the proposed project area.

- Project includes priority unserved census block(s) with 20 or more K-12 students – *up to 15 points*
- Project includes priority unserved census block(s) with no ISP currently serving any form of Internet to citizens – *up to 10 points*
- Project includes priority unserved census block(s) with Difficult Development Area designation – *up to 5 points*
- **Up to 5 bonus points** will be issued for unserved census blocks chosen that are geographically

coincident with two or more of the factors outlined in items above (e.g. an unserved census block includes concentrations of 20 or more K-12 housing units, AND is also a Difficult Development Area [DDA])

2. **20% Total number of units served**
   - Applications will be ranked and scored relative to submissions received – ***Up to 20 points***

3. **15% Availability - Broadband Infrastructure**
   - FTTP symmetrical – ***up to 15 points***
   - HFC symmetrical – ***up to 10 points***
   - HFC non-symmetrical – ***up to 5 points***

4. **10% Geography**
   - Identified census blocks that are in the public interest to fund. May include, but not be limited to rural areas where costs to deploy broadband infrastructure are higher with fewer concentrations of citizens. Applications will be ranked and scored on the total land area within the proposed census blocks from the ISP – ***Up to 10 points***

5. **10% Average Cost Per Structure Served**
   - Lowest average cost – ***10 points***
   - Higher costs per structure receive lower points
   - Lower SFRF match request receives higher points

6. **10% Collaboration/Adoption/Community Assistance - Applicant Strategy and Training Plan**
   - Community Adoption Strategy and Plan – ***up to 5 points***
   - Partnerships – ***up to 5 points***

7. **5% Broadband Service Provider Experience** - Years of Experience based on Applicant's initial FCC Form 477 Submission
   - 10+ years – **up to 5 points**
   - 5-9 years – **up to 3 points**
   - 0-4 years – **0 points**

The ORS will post all completed applications to the ORS website (*See*: https://ors.sc.gov/broadband/investments/state/arpaslfrf).

Disbursement of Funds

Funds will be disbursed to participants upon the successful completion of the project and submittal of invoice and any other documentation required by the ORS.

Reporting Requirements and Right to Audit

The grant award recipients will be required to report the status of the project, including delays, each quarter, and must notify the ORS immediately if delays are identified or when outlined milestones are met. Grant recipients must also comply with ARPA SFRF reporting, monitoring, and audit requirements as prescribed by the applicable federal authority.

At any point, the ORS reserves the right to audit the project, conduct site visits, ensure timelines are met, and obtain additional information from the ISP to verify compliance with contractual obligations. Throughout the

project, geotagged photographs of active construction must be captured and reported by the ISP through quarterly reporting. As housing units are connected, geotagged photographs of speed tests are required throughout various parts of the project service area to verify the network is functional and capable of meeting upload/download speed thresholds required as part of the grant program. The grant award recipients will be required to provide address specific information for all homes passed in the Final Report. In addition, award recipients will also be required to share their FCC Form 477 information in the grant application and update that information throughout the project period. ORS timelines for FCC Form 477 reporting are identical to those published by the FCC.

The grant award recipients must track and report for a period of two (2) years after completion of construction on the number of homes passed, the take rate, and agree to survey those that do not subscribe to determine the reason they are not subscribing to service.

ATTACHMENT 1

DATA DICTIONARY FOR SUBMISSION OF GIS SHAPEFILES

The utilization of Geographic Information System ("GIS") data will occur throughout the lifecycle of a project, beginning with an applicant's initial grant submission and ending with delivery of as-built shapefiles depicting areas where construction has occurred. This exhibit outlines the type and format of GIS data required for submission to the South Carolina Office of Regulatory Staff ("ORS"). GIS-based data will be used to evaluate grant submissions, manage grants awards, and track Broadband investments over time. GIS data may also be integrated into Quality Assurance measures developed by ORS to aid in the verification of work completed.

GIS Template Shapefile Data has been created to match with the data schema outlined in the sections that follow. It is available for download here: "ARPA 1.0 Eligibility Map and Data" folder on Citrix. Applicants are highly recommended to use the templates as their starting point for developing conceptual designs of proposed projects they plan to submit to the ORS. Incorrect, incomplete, or missing data may disqualify an applicant from funding.

All data submitted to the ORS must include Federal Geographic Data Committee ("FGDC"), compliant metadata describing the source, characteristics, and methods used for data creation, manipulation/editing, and associated attribution. As-built data (Fiber Lines, Structures, and Network Junctions), delivered at the completion of the project should be within +/- 3' horizontal accuracy. Methods used for ensuring accuracy may include, but not be limited to digitizing GIS data to match statewide aerial imagery, which is map accurate at a 1:2400 or 1"=200'. Statewide aerial imagery is published through the state Geographic Information Council and located here: https://www.arcgis.com/apps/mapviewer/index.html?layers=1a3f8aa93e674dcd93396b8d2c11e490 Imagery is on a planned update of once per year. Therefore, modifying planning-level data to conform to as-built data by mapping at a 1:2400 scale using statewide aerials is an acceptable approach for ensuring horizontal accuracy thresholds have been met in accordance with this data standard. Regardless of the approach, applicants must document their methods chosen in the metadata for a given data layer.

Unless otherwise specified, Map Projections and Datums for GIS data submitted should conform to the following

NAD_1983_StatePlane_South_Carolina_FIPS_3900
WKID: 32133 Authority: EPSG

Projection: Lambert_Conformal_Conic
False_Easting: 609600.0
False_Northing: 0.0
Central_Meridian: -81.0
Standard_Parallel_1: 32.5
Standard_Parallel_2: 34.83333333333334
Latitude_Of_Origin: 31.83333333333333

Linear Unit: Meter (1.0)

Geographic Coordinate System: GCS_North_American_1983
Angular Unit: Degree (0.0174532925199433)
Prime Meridian: Greenwich (0.0)
Datum: D_North_American_1983
  Spheroid: GRS_1980
    Semimajor Axis: 6378137.0
    Semiminor Axis: 6356752.314140356
    Inverse Flattening: 298.257222101

Broadband GIS Data Dictionary

Layer Name	Layer Type	Definition	Comments
Proposed Project Service Area	Polygon	The serviceable project area boundary from which all structures will have Broadband Access upon completion of the project	Area should be inclusive of all proposed homes, businesses, and anchor institutions an ISP proposed to pass. Upon award, geometry cannot change without an amendment to the agreement
Attribute Name	**Data Type**	**Definition**	**Values/Comments**
Project ID Alias = ProjectID	Text	Unique ID provided by an ISP	This is an ISP generated value preferably linked to their internal management system
TechType Alias = Technology Type	Text	Type of Technology to be deployed	Fiber to the Premises, Hybrid Fiber/Coax, Fixed Wireless/Satellite
Layer Name	**Layer Type**	**Definition**	**Values/Comments**
2020 Census Blocks in Proposed Service Area	Polygon	Eligible 2020 Census Block data depicting only those areas for which a proposed project may occur	Feature instances should match with native 2020 Census Block data, (do not merge or edit the geometries of the Census data), only those areas where projects are proposed should be included. Upon award, geometry cannot change without an amendment to the agreement

Attribute Name	Data Type	Definition	Values/Comments
Project ID	Text	Unique ID provided by an ISP	This is an ISP generated value preferably linked to their internal management system
GEOID 2020	Integer	Unique Census Block ID for a given feature instance	This value is generated by the US Census
PerServed Alias = Percent to be Served	Float	Percentage of housing units within a Census Block to be served upon completion of the project expressed as a decimal value	If an ISP doesn't plan to serve every housing unit within a given Census block, estimate the number of homes that will have access as a percentage
TotHouse Alias = Total Housing Unit	Integer	Total number of housing units in the census block	The total number of housing units in a blocks according to the ISP
TotK12 Alias = Total number of K –12 Students	Text	Total number of K – 12 students	This value comes from the most current SC Broadband Office Eligibility map or Attribute table 0 = No Students YES = 1-5 Students 6 or more students is the raw student count
DDA Alias = HUD DDA	Text	Indicating if it is a HUD DDA Census block	A value of Yes if the Census if a HUD DDA census block or a value of No if it is not a HUD DDA Census Block
Layer Name	**Layer Type**	**Definition**	**Comments**
Proposed Line Work	Line	Proposed broadband lines an ISP will construct upon completion of the project	Digitized fiber lines should be separated by segments, by technology type, and deployment type, snapped to vertices of adjoining fiber lines. Upon award and completion of the project, ISP must submit as-built update depicting actual locations of fiber lines that align with

Attribute Name	Data Type	Definition	Values/Comments
			quantities outlined in expense reports prior to final payment.
FCCTech Alias = FCC Technology Code	Integer	The FCC Technology code proposed for construction	50, 43, 42
Length	Integer	Length in feet of a given line segment	Length in feet calculated from read-only length field
DepMethod Alias = Deployment Method	Text	The method for which Broadband technology will be deployed at a given line segment	Aerial, Buried, Wireless

Layer Name	Layer Type	Definition	Comments
Proposed Served Structures	Point	Projected Homes/Business/Other structures that will be passed upon completion of the project	Structures should be fully contained within Project Service Area and 2020 Census Block Areas. Upon award and completion of the project, ISP must submit as-built update

Attribute Name	Data Type	Definition	Values/Comments
Type	Text	The type of structure that could be served upon completion of the project	Homes, Businesses, Other
Address	Text	Full address of the structure (House Number, Street Name, Unit/Apt., City, and Zip Code)	Complete physical address of the structure.

Layer Name	Layer Type	Definition	Comments
Network Junctions	Point	Projected major surface features along a Fiber Line segment	With the exception of those areas an ISP must tie into their existing infrastructure, network Junctions should be mostly contained within the Project Service Area and 2020 Census Block Areas. Upon award and completion of the project, ISP must submit as-built update

Attribute Name	Data Type	Definition	Values/Comments
			depicting actual locations of fiber Network Junctions that align with quantities outlined in expense reports prior to final payment.
Type	Text	The type of surface feature that's part of the fiber network	Node, Large Cabinet, Pedestal, Ect.

**Guidance on Required Backup to Support Broadband Deployment for Grant Awardees**

Part of the administration and disbursement of funds to applicants includes verifying the scope requirements outlined in contractual agreements between ORS and an ISP have been met in accordance with provisions detailed in each agreement. Simply stated, ORS, their contractors, and/or agents must verify the ISP is honoring their contractual obligation to install Broadband Infrastructure in predetermined, mutually agreed upon Census Blocks. As part of these requirements, ISPs must submit geotagged photographs of the infrastructure they install, in addition to the speed tests they are required perform under a given grant award as part of their quarterly reporting.

Grant awardees must follow the steps below to complete and submit their backup as part of the Quarterly Report workflow:

1. Confirm location services is enabled on your smart device AND allowed using your device camera - **MANDATORY**

➢ For directions to turn on location services on an Apple device visit: https://support.apple.com/en-us/HT207092

➢ For directions to turn on location services on an Android device visit: https://support.google.com/accounts/answer/3467281?hl=en

2. At each construction site within the project service areas and associated census blocks outlined in the ISP's original work plan, take pictures of work being conducted and evidence that shows work has been completed. An equal distribution of photographs should be taken throughout the Project Service Area. Examples include pedestals, splicing, fiber, fiber cabinets (with doors open), aerial and underground fiber construction and installation (depending on type of construction), NID, etc. (avoid having people in the photographs).

3. Speed tests should be conducted at completed sites. If using a smart device to run the speed test, take a picture of the screen once the speed test is completed. This picture must be geotagged with location information where the speed test was run. When possible, an equal

distribution of photographed speed tests should be taken throughout the Project Service Area.

4. Take photos along the route between sites during active construction to show proof that fiber is in the ground or is aerial.

5. Submit the raw geotagged photos with quarterly reports. Do not physically attach or embed the photographs to the Quarterly Report, rather, upload the photographs separately as part of the submission process.
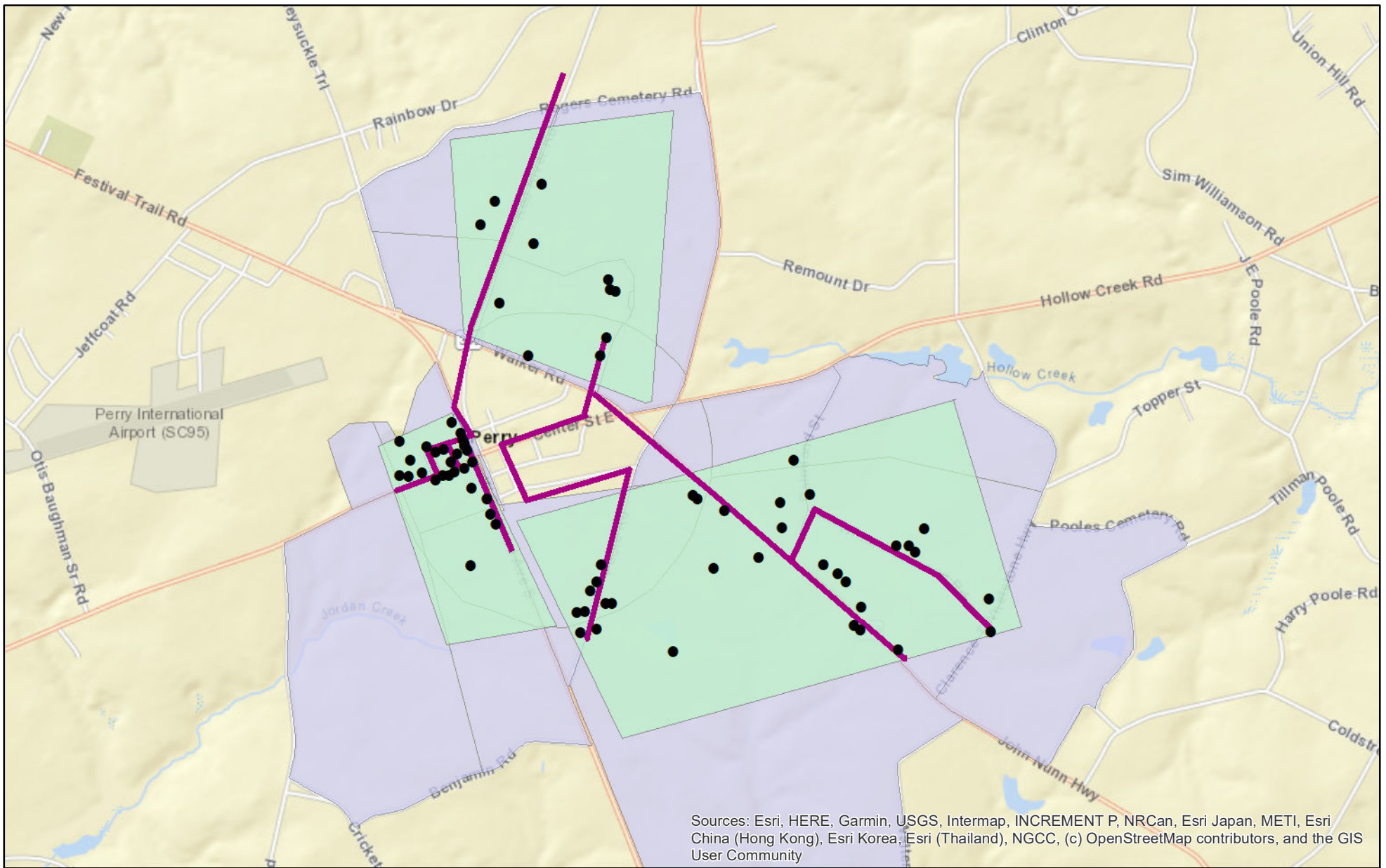
Attachment 2	Project Location Map Example	**Legend**	**ISP Initial Here:** _____
		● Proposed Served Home or Business	
		Proposed Fiber or Cable Line	**Date:** _____
BROADBAND OFFICE	2022 ARPA 1.0	Proposed Service Area	4,000 ⊢──────┤ Feet ⊕ N
Map prepared by ORS on: <Date Goes Here>		Proposed 2020 Census Block in Propsed Area	Data Source: <ISP Name Goes Here>

Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community
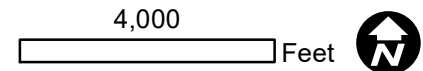
	Attachment 3		
	2022 ARPA 1.0		
	2020 Census Blocks Proposed for Funding Example		
<ISP Name Goes Here>		**ISP Initial Here: _____ Date: _____**	
PerServed	TotHomes	ISP	GEOID20
0.80	5	ISP Name Goes Here	450030218002137
0.80	1	ISP Name Goes Here	450030218002147
0.80	9	ISP Name Goes Here	450030218002144
0.80	3	ISP Name Goes Here	450030218002082
0.80	0	ISP Name Goes Here	450030218002146
0.80	1	ISP Name Goes Here	450030218002145
0.80	0	ISP Name Goes Here	450030218002128
0.80	3	ISP Name Goes Here	450030218002091
0.80	0	ISP Name Goes Here	450030218002096
0.80	2	ISP Name Goes Here	450030218002087
0.80	0	ISP Name Goes Here	450030218002119
0.80	3	ISP Name Goes Here	450030218002131
0.80	3	ISP Name Goes Here	450030218002117
0.80	1	ISP Name Goes Here	450030218002085
0.80	5	ISP Name Goes Here	450030218002084
0.80	9	ISP Name Goes Here	450030218002130
0.80	0	ISP Name Goes Here	450030218002138
0.80	4	ISP Name Goes Here	450030218002093
0.80	7	ISP Name Goes Here	450030218002090
0.80	1	ISP Name Goes Here	450030218002074
0.80	11	ISP Name Goes Here	450030218002086
0.80	0	ISP Name Goes Here	450030218002092
0.80	3	ISP Name Goes Here	450030218002135
0.80	0	ISP Name Goes Here	450030218002139
0.80	9	ISP Name Goes Here	450030218002115
0.80	3	ISP Name Goes Here	450030218002095
0.80	4	ISP Name Goes Here	450030218002089
0.80	0	ISP Name Goes Here	450030218002132
0.80	0	ISP Name Goes Here	450030218002116
0.80	0	ISP Name Goes Here	450030218002043
0.80	4	ISP Name Goes Here	450030218002143
0.80	5	ISP Name Goes Here	450030218002136
0.80	3	ISP Name Goes Here	450030218002042

ATTACHMENT 4

AFFIDAVIT OF COMPLETION AND ACCURACY OF ARPA SFRF GRANT APPLICATION

STATE OF _____   )
)   AFFIDAVIT
COUNTY OF _____   )

Personally appeared before me the undersigned, _____, who being duly sworn, deposes and states as follows:

1.   [APPLICANT NAME], a [INSERT ENTITY'S LEGAL TYPE (E.G. CORPORATION, LIMITED LIABILITY COMPANY, ETC.] organized under the laws of the state of _____, has submitted a Grant Application for the American Rescue Plan Act ("ARPA"), Coronavirus State Fiscal Recovery Funds ("SFRF") to the South Carolina Office of Regulatory Staff ("ORS").

2.   I hereby affirm that, to the best of my knowledge, information, and belief, the grant application, associated data, and attachments provided for consideration under the ARPA SFRF grant program are complete and accurate. I further certify that, to the best of my knowledge, information, and belief, all information included in the Grant Application is factual and correct.

[SIGNATURE PAGE FOLLOWS]

_____
Name

_____
Title [President, CEO, or CFO]

SWORN to before me, this ____ day of 20____

_____
Notary Public of South Carolina
My Commission expires:_____