

## ARC Broadband Pending Award Data Specifications

**Project Area File** (polygon shapefile or KML) – A polygon of the project area in shapefile or KML file that is zipped and in the EPSG:4326 - WGS 84 CRS. Please make sure the polygon includes *ONLY* eligible project locations. If the project areas are non-contiguous, you may submit them as one shapefile.

Data specifications for the GIS data files are provided in the table below:

Field Name	Data Type	Example	Description
<b>program</b>	Text	POWER	Name of ARC Program funding the project
<b>grantee</b>	Text	Jefferson County Board of Commissioners	Name of the grantee or primary applicant
<b>project_name</b>	Text	Jefferson County Broadband Project	Project title associated with the project
<b>project_num</b>	Text	PW-000001	Project number assigned in ARCnet
<b>locations</b>	Integer	425	Number of locations located within the polygon that are served by the project
<b>technology</b>	Integer	50	Planned technology to be used for the project. These values match those used in BDC reporting. - Value is one of the following codes: 10 – Copper Wire 40 – Coaxial Cable / HFC 50 – Optical Carrier / Fiber to the Premises 60 – Geostationary Satellite 61 – Non-geostationary Satellite 70 – Unlicensed Terrestrial Fixed Wireless 71 – Licensed Terrestrial Fixed Wireless 72 – LBR Terrestrial Fixed Wireless 0 – Other
<b>maxdown</b>	Integer	100	The lowest planned download speed (in Mbps) planned as a result the of this Project.
<b>maxup</b>	Integer	100	The lowest planned upload speed (in Mbps) planned as a result the of this Project.
<b>fund_ob</b>	Integer	100000	Total funding (in dollars) for this project
<b>proj_start</b>	Date	2024-10-01	Anticipated start date if project is awarded <i>Date must be in yyyy-mm-dd format</i>
<b>proj_end</b>	Date	2031-03-31	Anticipated completion date for the project if awarded <i>Date must be in yyyy-mm-dd format</i>

**Project Locations List** (csv file) – this file should capture the information needed to identify the Broadband Serviceable Locations (BSL’s) that are being served as a result of this broadband funding. Please leave blank the fields that are unknown or not applicable. **DO NOT CHANGE THE FIELDS OR DATA TYPES.**

Field Name	Data Type	Example	Description
<b>gid</b>	Integer	321	Primary key
<b>project_name</b>	Text	XYZ Broadband project	Project title associated with the project  <i>This value must be unique for the Program and correspond to a value in the Project Attribute file</i>
<b>grantee</b>	Text	Jefferson County Board of Commissioners	Name of the grantee or primary applicant  <i>This value must be unique for the Program and correspond to a value in the Project Attribute file</i>
<b>project_num</b>	Text	PW-000001	Project number assigned in ARCnet
<b>location_id</b>	Integer	123456789	Unique identification number for the Broadband Serviceable Fabric Location.  <i>Field can be blank if latitude, longitude, address_primary, city, state, no_units and zip_code are provided</i>
<b>latitude</b>	Decimal	38.903693	Unprojected (WGS-84) geographic coordinate latitude in decimal degrees of the location  <i>Value must have a minimum precision of 6 decimal digits</i>
<b>longitude</b>	Decimal	-77.009682	Unprojected (WGS-84) geographic coordinate longitude in decimal degrees of the location  <i>Value must have a minimum precision of 6 decimal digits</i>
<b>address_primary</b>	Text	123 Main Street	Address of the location. Should conform to the USPS standards.  <i>Field can be left blank if location_id and lat/long is provided</i>
<b>city</b>	Text	Washington	Full name of the city, town, municipality or census designated

			<p>place where the project will serve. Should conform to USPS standards</p> <p><i>Field can be left blank if location_id and lat/long are provided</i></p>
<b>state</b>	String (2)	DC	<p>Two-letter USPS abbreviation identifying the state where the project will serve.</p> <p><i>Field can be left blank if location_id and lat/long are provided</i></p>
<b>zip-code</b>	String (5)	20002	<p>Four-digit USPS ZIP code where the project will serve</p> <p><i>Field can be left blank if location_id and lat/long are provided</i></p>
<b>no_units</b>	Integer	3	<p>Count of housing and/or business units that share the same location. If a building contains both housing and business units, the field contains the sum of both types.</p> <p><i>Field can be blank if location_id and lat/long is provided. If location_id is null, this field is required</i></p>
<b>cai_type</b>	Enumerated String	G	<p>Community Anchor Institution type Value must be one of the following codes:</p> <p>S - Location is a K-12 school, junior college, university (a Community Anchor Institution) that does/would not subscribe to a mass market service</p> <p>L - Location is a library (a Community Anchor Institution) that does/would not subscribe to a mass market service</p> <p>G - Location is a government building (a Community Anchor Institution) that does/would not subscribe to a mass market service</p> <p>H - Location is a healthcare building (a Community Anchor Institution) that does/would not subscribe to a mass market service</p>

			F - Location is a public safety location (a Community Anchor Institution like Fire or EMS locations) that does/would not subscribe to a mass market service
<b>building_type_code</b>	Enumerated String	B	<i>This field is optional</i>