BROADBAND OFFICE

SC BEAD Main Application Phase

Location File (.csv) Submission Guidance

South Carolina Office of Regulatory Staff | July 17, 2025

Disclaimer

Please be advised that these discussions are informal and intended to provide general guidance only. They do not supersede, replace, or amend any information contained within the official Grant Guidelines, Notice of Funding Opportunity (NOFO), or any related policy notices. We can only address programmatic questions and clarify application requirements. We are unable to provide advice on 'how to apply,' offer opinions, or give legal counsel. For formal questions and comprehensive clarification, please refer to the Frequently Asked Questions (FAQs) section of our website

South Carolina Office of Regulatory Staff | SCBBO

Agenda

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SC BEAD Location File - Background

As part of the SC BEAD Main Application phase, applicants are required to submit **a SINGLE CSV** file for proposed structures for which the Applicant is bidding. The file is required to be **a subset derived from the latest SC BEAD Eligibility data hosted on ShareFile under the filename "Proposed Served Structures_06192025.zip".** The SCBBO has provided a point layer in GIS and CSV formats of all BEAD eligible BSL's matching the data schema outlined in the SC BEAD Data Dictionary.

SC BEAD Eligibility GIS data and CSV files will only be made available for secure download to those Applicants that have successfully executed an NTIA CostQuest license agreement. **Data to be used for bidding is not available on the ORS BEAD page.**

As part of the Main Application Template (.xlsx), Applicants must confirm they have submitted the CSV fully attributed based on the SCBBO Data Dictionary. Applicants should mark "Yes" to the confirmation statement on the Main Application Technical Capability Confirmation section.

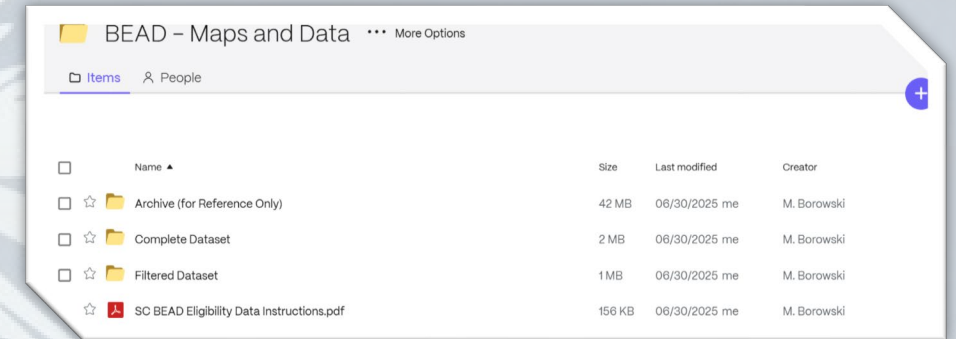| Section 4- Technical Capability	
Technical Capability Confirmations	
The Applicant confirms the following dataset was used for their application submission - Proposed_Served_Structures_06192025	Select one
The Applicant confirms they have submitted the CSV/GIS Data fully attributed based on the SCBBO Data Dictionary.	Select one
The Applicant reviewed the SC BEAD Program Application Guidelines related to eligible and ineligible costs (Appendix D). Those costs that have been stated as ineligible will be excluded from the Project Budget and Capital Investment Schedule.	Select one
If provisionally selected for a subaward the Applicant confirms that all attachments submitted as part of Technical Capacity gating will directly align with the FCC BEAD eligible BSLs submitted and provisionally selected by the SCBBO.	Select one
NTIA requires that the Applicant's proposed technology can easily scale speeds over time to meet the evolving connectivity needs of households and businesses and support the deployment of 5G, successor wireless technologies, and other advanced services. Document how the proposed technology meets these requirements.	(Enter Text Here)

| ▶ | Background and Instructions | Pre-Qual | Applicant Information | ⊕ |

SC BEAD Location File - How to Download

Eligible Locations .csv and point GIS Shapefile data can be found in zipped folders of the ShareFile "BEAD – Maps and Data" Folder under the filename "Proposed Served Structures_06192025.zip"

- o **Filtered Dataset Folder:** Contains a filtered down version of the complete dataset removing any locations that no longer require BEAD funds.
    - o The "Status" field within this data will need to be further filtered to remove "Pending" values that are already signed into Enforceable Commitments or nearing final execution of agreement.
- o **Complete Dataset Folder:** Contains every location following the NTIA-Approved Post-Challenge Location List.
    - o The "Status" field will need to be filtered down to exclude "BEC", "V6 Removal", "Enforceable Commitment", and "Pending" to identify locations eligible for BEAD Funding

Applicants must upload the .csv file to the appropriate Main Application subfolder using the naming convention: [Applicant Name]_Proposed_Served_Structures_06192025.csv

Not using the templates provided, making modifications to formulas, failing to fully complete all required fields, or changing the types of column content will result in SCBBO rejecting the application location file submission.

SC BEAD Location File – How to Populate the CSV

Green = Acceptable Submission

BEAD_Funds / Total_Cost <= 75%

*BEAD_Funds requested cannot change, this is a scoring criteria

shape	oid	Location_i	Elig_Type	Status	Lat	Lon	Applicant	Tech_Code	Max_down	Max_up	Latency	BEAD_Funds	Total_Cost	End_Date	MyComments
Point	1	1010891994	Underserved		33.113094	-80.272781	ProviderName	40	200	50	25	2500	26233	5	
Point	2	1010920047	Unserved		33.050041	-80.109764	ProviderName	40	200	50	25	2875	46373	5	
Point	3	1010923035	Underserved		32.888107	-79.935539	ProviderName	40	200	50	25	2500	50436	5	
Point	4	1010923596	Underserved		32.888142	-79.922752	ProviderName	40	200	50	25	2500	53246	5	
Point	5	1010926127	Unserved		32.968979	-79.841209	ProviderName	40	200	50	25	2500	24277	5	
Point	6	1024025559	Underserved		34.510838	-79.379707	ProviderName	40	200	50	25	2500	28895	5	
Point	7	1024025980	Underserved		34.490318	-79.398834	ProviderName	40	200	50	25	2500	60068	1	
Point	8	1024026188	Underserved		34.509373	-79.382156	ProviderName	40	200	50	25	2500	53729	1	
Point	9	1024026246	Underserved		34.508545	-79.382339	ProviderName	40	200	50	25	2500	16551	1	
Point	10	1024026985	Unserved		34.350418	-79.545303	ProviderName	40	200	50	25	2500	66962	5	
Point	11	1024027346	Unserved		34.349369	-79.554092	ProviderName	40	200	50	25	2500	25087	5	
Point	12	1024027521	Unserved		34.473042	-79.377892	ProviderName	40	200	50	25	2875	42850	5	
Point	13	1024027836	Underserved		34.491962	-79.338516	ProviderName	40	200	50	25	5000	39126	5	
Point	14	1024027924	Unserved/Underserved CAI		34.409321	-79.372032	ProviderName	40	1000	1000	3	5000	44691	8	
Point	15	1024029504	Unserved		34.335079	-79.229576	ProviderName	40	200	50	25	5000	61829	5	
Point	16	1024026968	ThisIsAlreadyServed		34.350418	-79.545303		40	200	50	25	2500	2750	5	This location is served by ____
Point	17	1024026963	Unserved		34.350418	-79.545303			25	3	5	2500	66962	5	
Point	18	1024026963	Unserved		34.350418	-79.545303	ProviderSubsidiaryName	40	100 Mbps	25 Mbps	6 ms	2500	66962	75	

No Extra Fields (common when exporting from GIS)

No Duplicates

Do NOT change values in these fields

One unique name, no nulls

Values = 40, 50, 61, 70, 71 no nulls

No Text Values, No $, No commas, No Mbps, No Ms, no nulls

No Extra Fields

*Illustrative example, not representative of all possible errors

Red = Errors

BEAD Requirements:
Download Speeds >= 100 *(1000 for CAI)*
Upload speeds >= 20 *(1000 for CAI)*
BEAD_Funds / Total_Cost cannot exceed 75%
End_Date cannot exceed 48 Months

SC BEAD Location File – How to Populate the CSV (cont.)

Location_i

Do NOT
- rename this field (or any field). *Do not rename to Location_ID*
- repeat Location_i values; no duplicates
- submit ineligible locations (i.e. Locations not present within the SCBBO BEAD Eligibility Dataset)

Elig_Type
Status
Lat
Lon

Field Name	Data Type	Description	Values/Comments
Location_i	Integer	FCC Location ID	*Pre-Populated by SCBBO
Elig_Type	Text	BEAD eligibility Classification derived from the NTIA Post-Challenge Data	*Pre-Populated by SCBBO Values Include: Unserved, UnderServed, Unserved/UnderServed CAI
Status	Text	Eligibility Status Flag	*Pre-Populated by SCBBO Values Include: Enforceable Commitment (NTIA Reason Code 4), V6 Removal (NTIA Reason Code 3), Pending (Pending NTIA Reason Code 4), BEC (NTIA Reason Codes 1, 2, 5)
Lat	Double	Latitude	*Pre-Populated by SCBBO
Lon	Double	Longitude	*Pre-Populated by SCBBO

Do NOT
- change any of these pre-populated values

Reminder:
Applicants will submit a subset. Only including Location_i values that are proposing to be served
Fields on this slide are pre-populated, do not rename any fields or change any values (with the exception of removing rows)

SC BEAD Location File – How to Populate the CSV (cont.)

<u>Applicant</u>
- Should be a unique value consistent throughout the entire column; not null

<u>Tech_Code</u>
- Should be 40, 50, 61, 70, or 71; not null

<u>Max_down</u> *(Secondary Scoring Criteria)*
- The Maximum advertised download speed upon project completion
- Must be greater than or equal to 100 (1000 for CAIs)
- Do NOT include text values (i.e. "Mbps", "Gbps" etc.); not null

<u>Max_up</u> *(Secondary Scoring Criteria)*
- The Maximum advertised upload speed upon project completion
- Must be greater than or equal to 20 (1000 for CAIs)
- Do NOT include text values (i.e. "Mbps", "Gbps" etc.); not null

<u>Latency</u> *(Secondary Scoring Criteria)*
- The Minimum advertised Latency upon project completion
- Must be less than 100
- Do NOT include text values (i.e. "Ms", etc.); not null
- Must be realistic based on technology

Field Name	Data Type	Description	Values/Comments
Applicant	Text	Applicant's Name	Name of Applicant submitting the application
Tech_Code	Numeric	FCC Tech code	FCC Tech code for the proposed technology to be deployed at the given location 40 = Coaxial Cable / HFC 50 = Optical Carrier / Fiber to the Premises 61 = Non-geostationary Satellite 70= Unlicensed Fixed Wireless 71 = Licenses Terrestrial Fixed Wireless
Max_down	Double	Maximum download speed	The maximum download speed in **Mbps** upon completion of the project. <u>**Value must only be a number.**</u>
Max_up	Double	Maximum upload speed	The maximum upload speed in **Mbps** upon completion of the project. <u>**Value must be only a number.**</u>
Latency	Integer	Latency	Latency in **ms** upon completion of the project. <u>**Value must be only a number.**</u>

SC BEAD Location File – How to Populate the CSV (cont.)

BEAD_Funds *(Primary Scoring Criteria)*
- Numeric value only, rounded to nearest dollar; not null, no '$', no commas (,)
- Cannot exceed 75% of Total_Cost value

Total_Cost
- Numeric value only, rounded to nearest dollar; not null, no '$', no commas (,)

End_Date *(Secondary Scoring Criteria)*
- Numeric value only, no text values; not null
- Must be less than or equal to 48

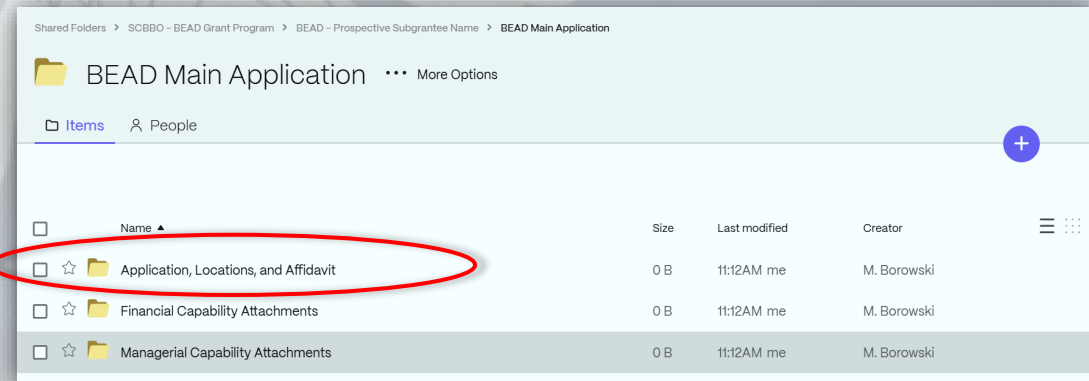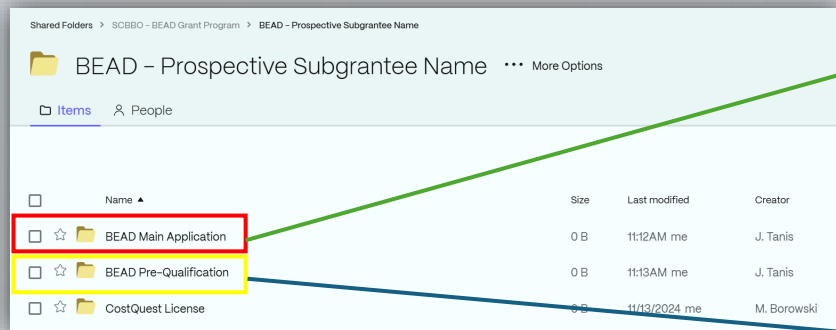| Field Name	Data Type	Description	Values/Comments
BEAD_Funds	Numeric	Amount of BEAD funds requested to deploy broadband at the given location	Amount of BEAD funds requested from the SCBBO to deploy broadband at the given location. Note: The amount requested **CANNOT** exceed 75% of the total project cost (Total_Cost). **Value must only be a number.**
Total_Cost	Numeric	**Total Cost to deploy broadband at the given location. Inclusive of all permitting, engineering, construction, etc.**	Total Cost to deploy broadband at the given location inclusive of any 3rd Party funding in addition to the BEAD funds requested. **Value must only be a number.**
End_Date	Integer	Number months from NTP to Initiation of Operations	The number of months needed to initiate operations. Applicants are reminded to take into account any federal, state, and local permits which might be required that can impact a project schedule. **Value must only be a number less than or equal to 48.**

SC BEAD Location File – How to Submit

Location file csv will be uploaded to the ShareFile folder: BEAD Main Application > Application, Locations, and Affidavit
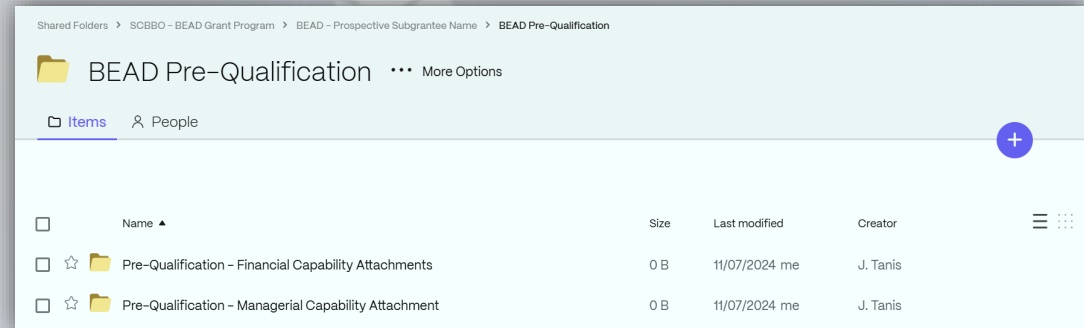
The csv file must be named:
[Applicant Name]_Proposed_Served_Structures_06192025.csv

ShareFile Locations for Main Application Materials

ShareFile Locations for Pre-Qualifications Materials

SC BEAD Location File – Best Practices

Refer to the SC BEAD Data Dictionary, linked here:
https://ors.sc.gov/sites/scors/files/Documents/Broadband/BEAD/SC%20BEAD%20Data%20Dictionary.pdf

Ensure the file is a **CSV** prior to uploading. **NOT** a GIS Layer (shapefile/feature layer). **Not** an excel workbook (.xlsx)

If extracting from a GIS layer:
- Do **NOT** include auto generated fields (i.e. 'Shape', 'OID', 'FID', 'OBJECTID')
- Be weary that exporting/copying attributes in GIS to csv may auto-populate null values as 0 or 'NULL'

Ensure the CSV is a proper subset of proposed structures. **NOT** the Template data listed in its entirety and only populated for proposed structures.

Before submission, verify the CSV is accurate, complete, and aligns with the SCBBO data dictionary. It is advised to expand all columns before saving. Certain CSV readers will store values as scientific notion and not be recoverable.

Verify **ALL** fields from the SC BEAD Data Dictionary are included and **ONLY** these required fields.

Scoring Rubric

One Applicant for a BSL: *:BEAD_Funds*
If there is only one applicant for the given BSL(s) they will be the default winner provided the cost of the location is not excessive and the proposed technology being deployed meets the definition of reliable Broadband.
- o Excessive cost is determined by the SCBBO and by the NTIA. No given dollar amount is set.

More than one Applicant for a BSL: If more than one application is submitted to serve the same BSL(s) and the cost is within 15% of the lowest-cost proposal received for the same set of BSL(s), the SCBBO will evaluate such competing applications based on the following two secondary criteria:
- o Excessive cost still applies

Secondary Criteria – 100 points:
Speed of the Network – 90 Points total:
Maximum Download Speed – 60 Points *:Max_Down*
The applicant with the highest download speed in Mbps will receive 60 points for the BSL. No additional points will be awarded except in the event of tie, with two or more applicants claiming the same download speed, both applicants will receive 60 points.

Maximum Upload Speed – 15 Points *:Max_Up*
The applicant with the highest upload speed in Mbps will receive 15 points for the BSL. No additional points will be awarded except in the event of tie, with two or more applicants claiming the same upload speed, both applicants will receive 15 points.

Minimum Latency Speed – 15 Points *:Latency*
The applicant with the lowest latency in ms will receive 15 points for the BSL. No additional points will be awarded except in the event of tie, with two or more applicants claiming the same latency speed, both applicants will receive 15 points.

Speed to Deployment – 10 Points *:End_Date*
The applicant with the fewest months listed to fully complete the given BSL (i.e., from Issuance of a Notice-to-Proceed to the Initiation of Operations), will receive 10 points. No additional points will be awarded except in the event of a tie, with two or more applicants claiming the same number of months, both applicants will receive 10 points.

Items highlighted in red correspond to the data fields in the CSV BSL file Overview of South Carolina BEAD Main Application Phase

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Applicants Provisionally Chosen for a Subaward – Next Steps

Applicants will be notified via email, (using the addresses submitted in their grant application), if their proposed project (i.e. one or more BSL for which the applicant applied) is selected for a provisional subaward.

- Applicant will be provided a subset of locations which are provisionally selected for subaward
- Applicants will have three (3) business days to notify the SCBBO regarding whether they choose to move forward with the BSL(s) for which they were selected.
- If the Applicant chooses to decline moving forward, the SCBBO will provisionally award the BSL(s) to the runner up. If there were no other bids, the SCBBO will negotiate in good faith directly with other ISPs to obtain a high-speed broadband solution.

If the Applicant chooses to move forward, the SCBBO will work with the Applicant to aggregate collections of BSL's into one or more project areas, final approval of designated project areas will be made by the SCBBO.

- The project areas will form the basis for additional documentation (e.g. engineering attachments, capital investment schedule, etc.), that will be required to review and approve all remaining gating criteria as indicated in the SC BEAD guidelines.

Next Steps

- Fill out the SC BEAD Program Access Form and submit NTIA CostQuest License (if not done already)
- Download from ShareFile and Evaluate the SC BEAD Eligible Data
- Identify and fully attribute bid locations
- Download grant documents from https://ors.sc.gov/broadband/office/investments/state/bead
- Fill out Grant Application
- Complete Risk Management Plans
- Compile all other required attachments due at close of Application submission phase
- Review SC BEAD FAQs
- Submit new questions to South Carolina BEAD FAQ Form
- All responses to FAQs will be posted on the ORS BEAD page
- Sign up for Grant Notifications!