

# **Missing Pieces: How the FCC's Broadband Map Misrepresents Public Libraries**

By Colin Rhinesmith, Ph.D.<sup>1</sup>

## **Abstract**

The Federal Communications Commission (FCC) recently released a “pre-production” draft of their National Broadband Map in an effort to provide more precise details about where internet service does and does not exist in individual locations across the U.S. While much attention has been paid to how the map represents broadband service for individual households, there is much less understanding among the general public with regards to how the map represents individual community anchor institutions, such as public schools, libraries, and hospitals. In an effort to address this gap in public understanding, and to help contribute to improving the FCC's Broadband Map overall, this paper presents findings from a study of 200 public libraries in 20 states across the U.S. to gain a better understanding of the following: (1) whether public libraries are classified as “broadband serviceable” or not; (2) whether public library buildings are classified as “residential” or not; and (3) the level of service that public library buildings receive in individual locations. The findings from this study raise important questions about whether the FCC's current process allows for public challenges to correct these mis-classifications. Recommendations are provided at the end of this report to help ensure that the map helps to address the broadband needs of community anchor institutions across the country.

## **Methodology**

This section describes the overall approach and methods used for the study. This includes a description of the public library sample used in the research, which is drawn from the Institute of Museum and Library Services 2020 Public Library Survey (PLS) data, as well as how the FCC's Broadband Map was used in the research.

### *Library Sample*

In deciding on a sample of libraries for the study, I downloaded the Institute of Museum and Library Services (IMLS) 2020 Public Library Survey<sup>2</sup> data and randomly selected 20 states that are included in this data set. The states selected include: California, Connecticut, Colorado, Florida, Georgia, Hawaii, Illinois, Jersey, Louisiana, Massachusetts, Michigan, Minnesota, New Mexico, Nevada, North Carolina, Pennsylvania, Texas, Virginia, Washington, and West Virginia.

After selecting these 20 states, I then used the IMLS data to select individual locations for 10 public libraries in each state for a total of 200 libraries that were included in this study. For the library selection process, I randomly selected roughly every 10th library listed in the IMLS data for each state, except for Hawaii, Nevada, and New Mexico. For these 3 states, I randomly

---

<sup>1</sup> Dr. Colin Rhinesmith is the Founder and Director of the Digital Equity Research Center at the Metropolitan New York Library Council. <https://dercenter.org/>

<sup>2</sup> <https://www.ims.gov/research-evaluation/data-collection/public-libraries-survey>

selected roughly every fifth library in the IMLS data set, because there were not as many public library locations available in the data set as the other states.

### *Using the FCC Broadband Map Data*

After compiling a list of 200 public libraries, which were randomly selected from the IMLS Public Library Survey data, I began manually entering the addresses from the IMLS data into the FCC's Broadband Map. In looking at the results of each search, I was particularly interested in collecting the following information for each public library:

- Broadband “status” (e.g., “served” or “not a serviceable location”)
- Broadband “type” (e.g., “Residential” or “Business”)
- Broadband “speed” (e.g., “25/3 Mbps or greater”)
- “Building type” (e.g., “Residential” or “Community Anchor Institution”)
- “Location ID” (i.e., as the FCC describes, “the unique identifier for the broadband serviceable fabric location”).

In collecting data on the broadband “status” of individual public library building “types,” I paid particular attention to the following color indicators as described by the FCC:

- **Green** locations have internet services available to them, based on information reported by an ISP.
- **Red** locations have no reported internet services available.
- **Gray** locations represent buildings or structures that are not likely to use the broadband internet access services typically sold to homes and small businesses (they typically use special commercial-grade broadband services).<sup>3</sup>

In addition to collecting these data for each of the 200 public library locations, I also noted whether buildings had more than one broadband “status” or building “type” at each location. Appendix I includes a full list of the data used (IMLS) and gathered from the FCC’s Broadband Map.

## **Results**

In this section, I describe three main areas of focus with regard to the findings of this study. These include the following: (1) “broadband status” of individual public library locations on the map; (2) “building type” indicated for each public library location on the map; and (3) several additional problems that I discovered when searching for information about public libraries, as community anchor institutions, using the FCC’s Broadband Map.

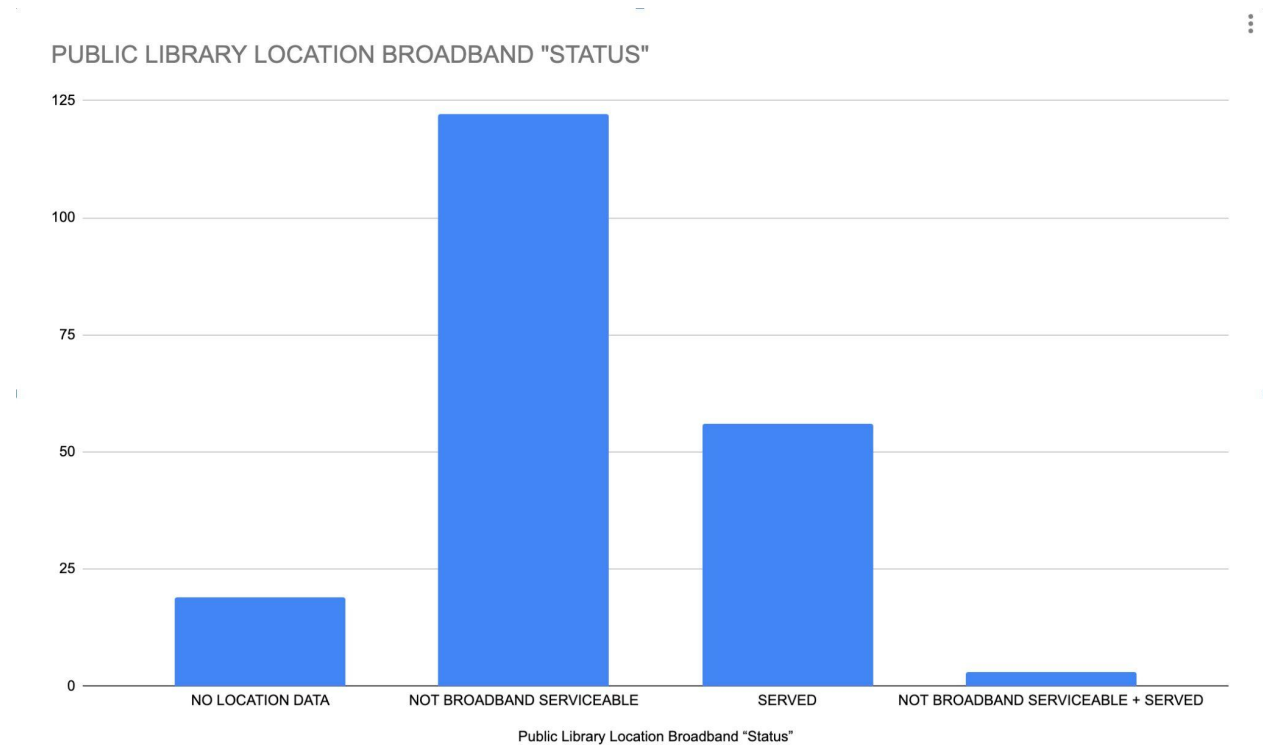
---

3

<https://help.bdc.fcc.gov/hc/en-us/articles/10467446103579-How-to-Use-the-FCC-s-National-Broadband-Map>

## Public Library Location Broadband “Status”

This section provides an overview of how the FCC describes the “Status” of broadband service at each of the 200 public library locations that were selected for the study.



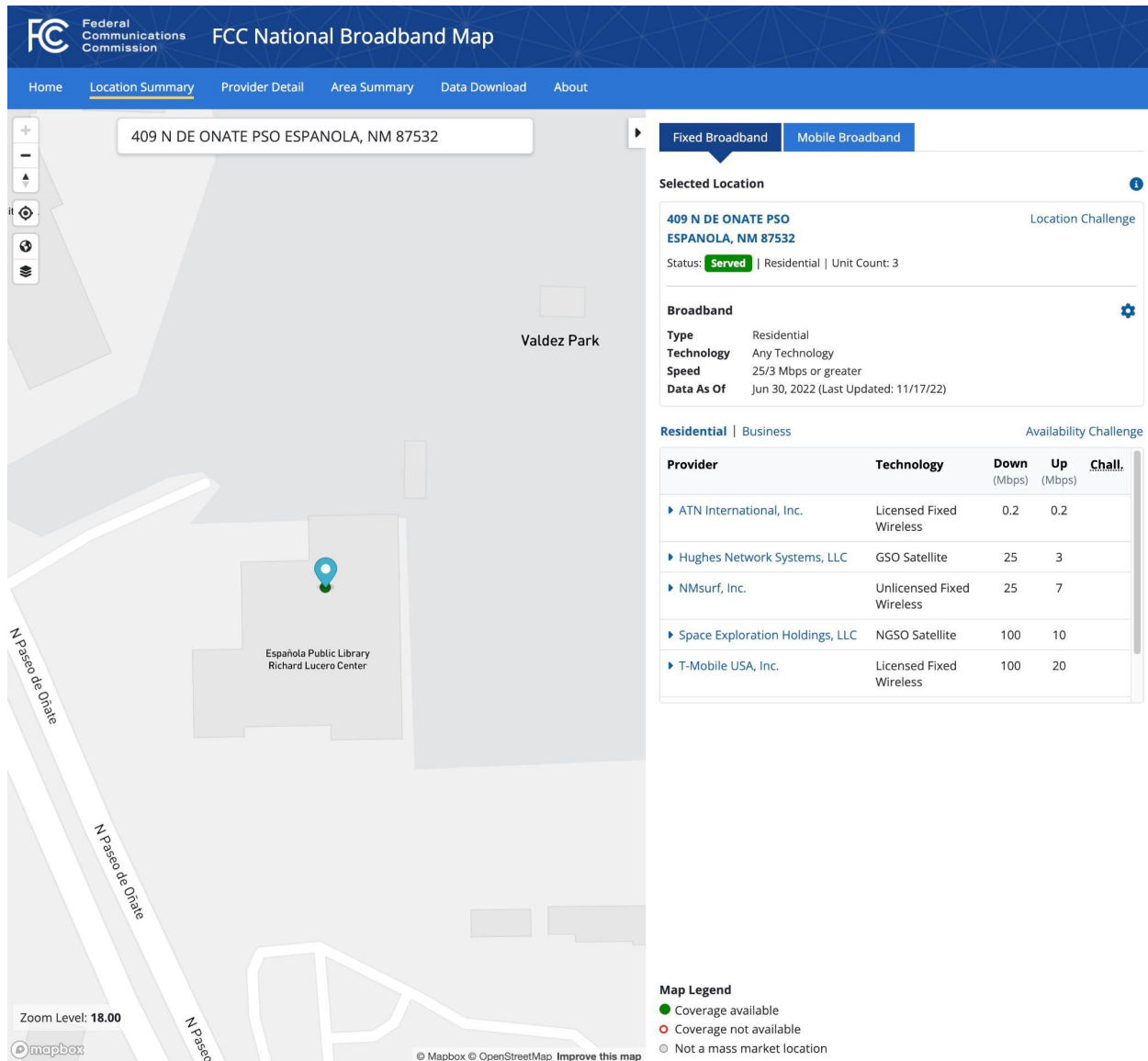
**Figure 1.** Public library location broadband “Status”

**Served.** The FCC describes locations that are “Served,” or green colored location points on the map, as locations that “have internet services available to them, based on information reported by an ISP.”<sup>4</sup> See Figure 2 below for an example of a public library that was classified as “Served” and “Residential.”

---

4

<https://help.bdc.fcc.gov/hc/en-us/articles/10467446103579-How-to-Use-the-FCC-s-National-Broadband-Map>



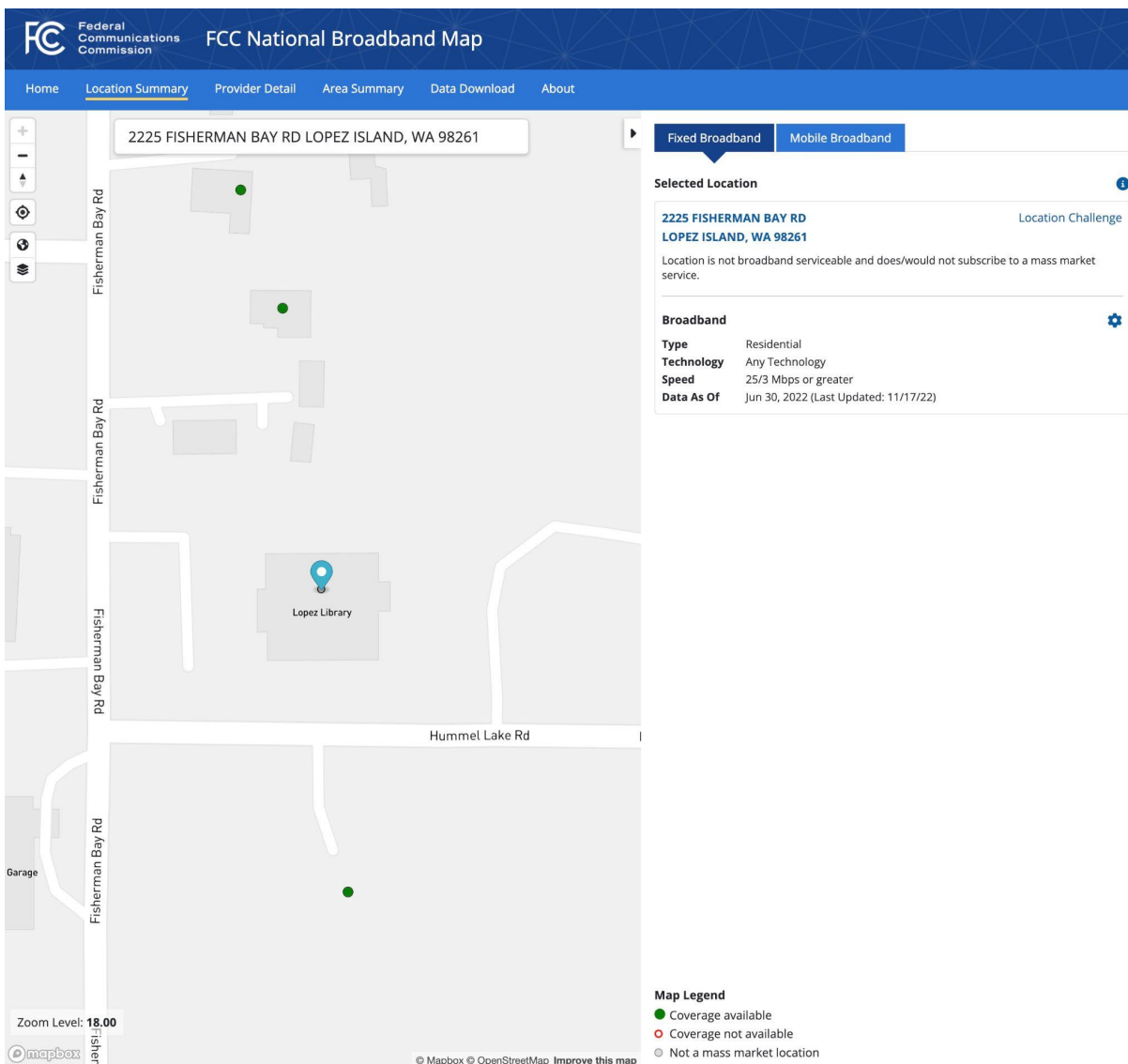
**Figure 2.** Example of a public library that is classified as “Served” and “Residential”

28% of public library locations, using the IMLS data for this study, were classified as “Served” on the FCC’s Broadband Map. Not only were these libraries mis-classified as “residential,” but they are also described as “served” even though they do not have gigabit service that is called for in the Infrastructure Investment and Jobs Act (IIJA).<sup>5</sup>

**Not Broadband Serviceable.** The FCC describes locations that are “not broadband serviceable,” or the gray colored location points on the map, as locations that “represent

<sup>5</sup> <https://www.congress.gov/bill/117th-congress/house-bill/3684/text>

buildings or structures that are not likely to use the broadband internet access services typically sold to homes and small businesses.”<sup>6</sup> See Figure 3 below as an example.



**Figure 3.** Example of a public library that is classified as “not broadband serviceable”

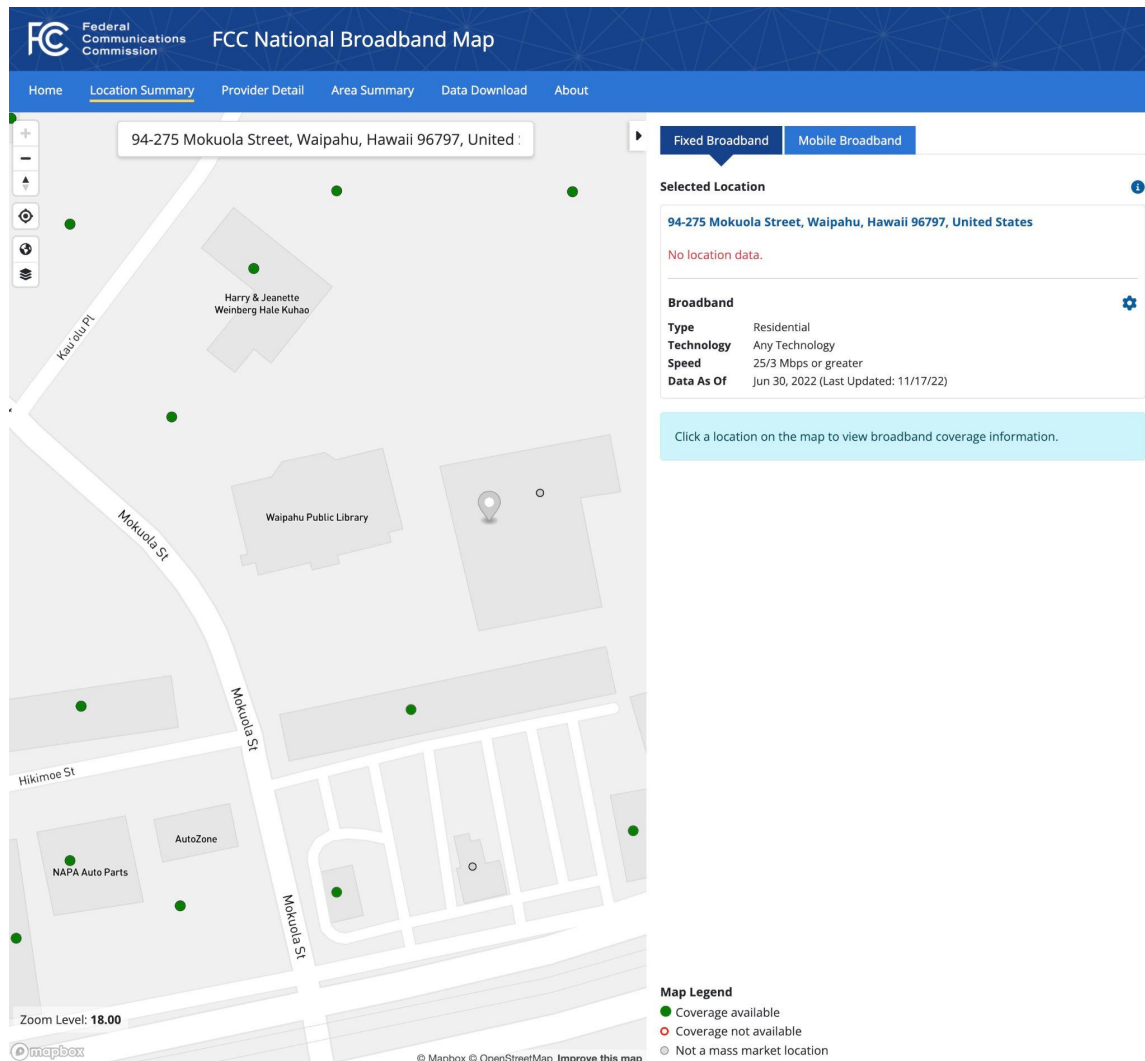
This category of broadband “status” was most prevalent for public library locations on the FCC’s Broadband Map. 61% of public library locations used in this study were classified as “not broadband serviceable.” These same building types were also described as “Community Anchor Institutions” (which appeared after clicking on the “Mobile Broadband” tab and on a separate pop-up window after clicking on the “Location Challenge” button). The Map assumes that these

6

<https://help.bdc.fcc.gov/hc/en-us/articles/10467446103579-How-to-Use-the-FCC-s-National-Broadband-Map>

locations subscribe to a commercial-grade service even though there are no data to suggest this classification is accurate.

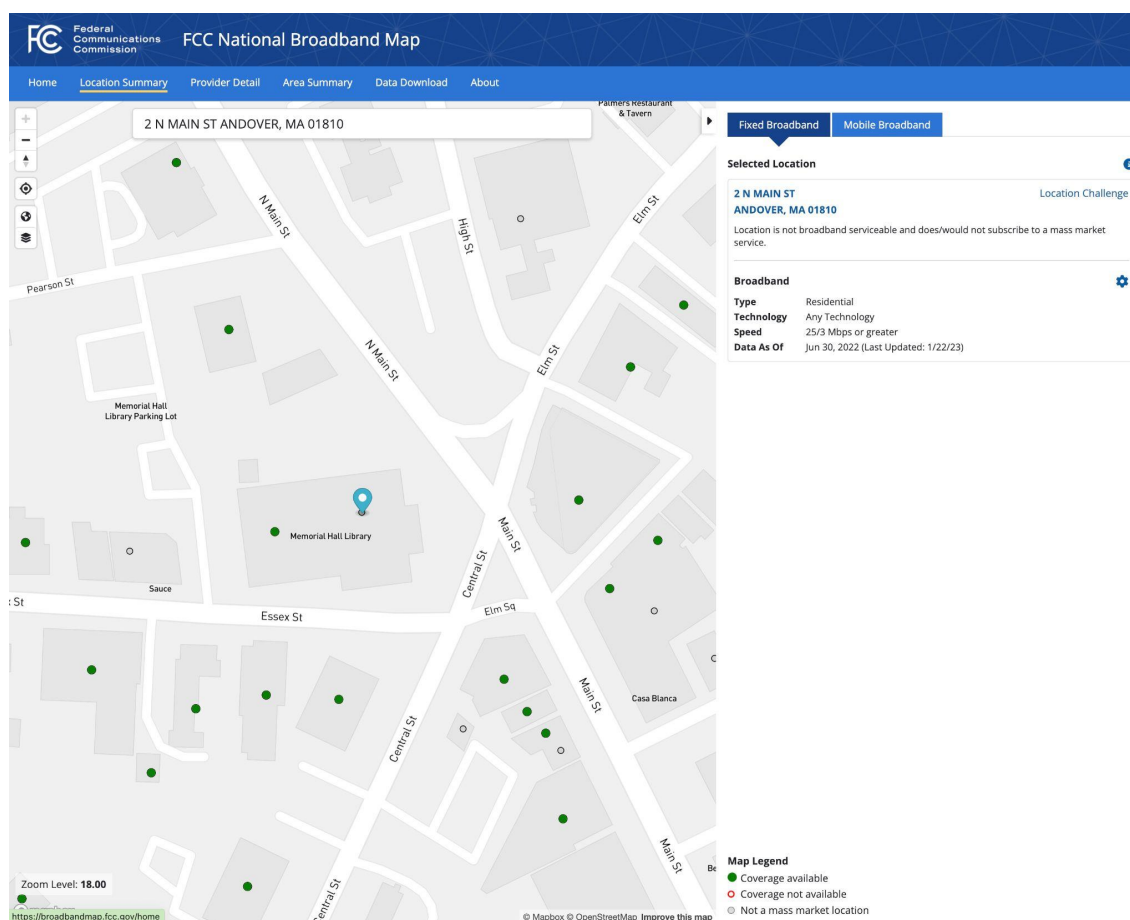
**No Location Data.** A much smaller percentage of public libraries (10%) had no location data at all. In other words, there was simply no dot at the location where the public library was located. I used Google Maps, as well as the public library's websites, to confirm the address for each public library location. Figure 4 provides an example of this type of classification for one of several public libraries on the map, most notably in Hawaii.



**Figure 4.** Example of a public library location where “no location data” are available.

The example in Figure 4 shows that not all public library buildings are represented accurately on the map. Not having any location data available is another case where the FCC's Broadband Map fails to represent public libraries as community anchor institutions.

**Not Broadband Serviceable + Served.** The fourth category of public library location broadband “Status” includes locations where the public library building is marked with both gray (“Not a mass market location” or “not broadband serviceable”) and green (“Coverage available” or “Served”) dots on the map. Figure 5 shows an example of one of the 3 public library buildings in this category that were discovered in this study’s small sample.



**Figure 4.** Example of a public library location that is "not broadband serviceable" and "served"

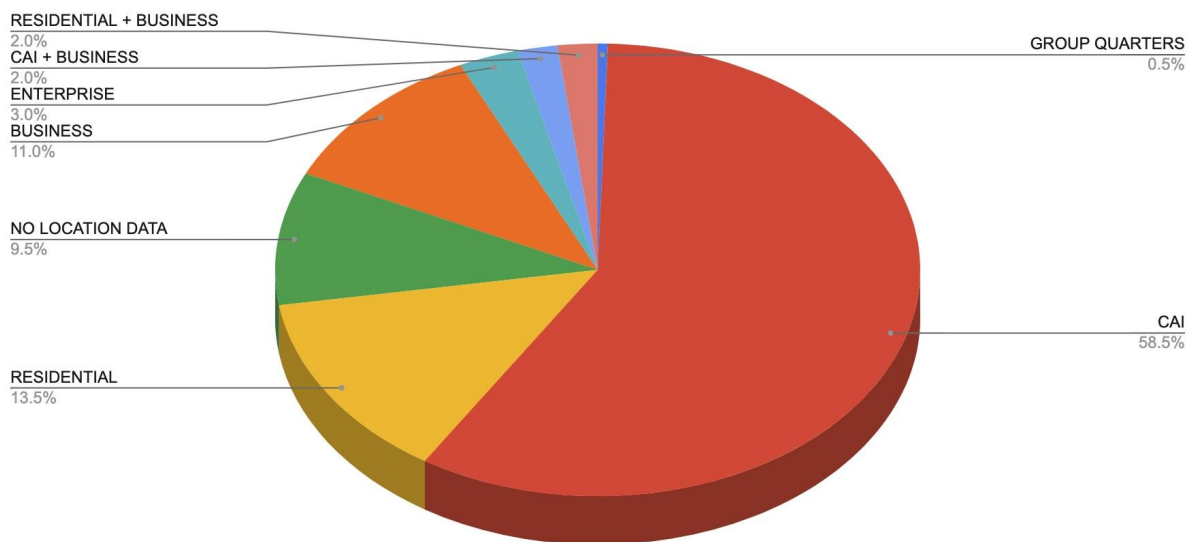
This category may represent buildings with two different types of public library connections, one that does not subscribe to a mass market service (i.e., not broadband serviceable) and business (i.e., served) internet service. The fact that these two categories of service appeared on the map together raise important questions regarding whether the FCC’s Broadband Map accurately represents different levels of internet service (e.g., wired and wireless) available at community anchor institutions across the U.S.

### *Public Library Location “Building Type”*

This section provides an overview of how the FCC describes the “Building Type” at each of the 200 public library locations that were selected for the study. Figure 5 shows each of these

building type classifications that appeared in the FCC’s Broadband Map search results using the addresses from the IMLS Public Library Survey data.

#### PUBLIC LIBRARY LOCATION BUILDING TYPE



**Figure 5.** Public library location “building types”

As Figure 5 indicates, 8 different “building types” were found for the 200 public library addresses used for this study. The largest percentage (60%) of public libraries were classified as Community Anchor Institutions or “CAI.” The next largest category of building types were classified as “Residential” (14%) followed by “Business” (11%). Unfortunately, 10% of all public library locations on the FCC’s Broadband Map had no location data available at all. Therefore, it was impossible to know how the public libraries in these locations might have been classified with regards to their building type and the level of internet service available to them.

The other four categories of building types were either classified as “Enterprise” (3%), both “Community Anchor Institution” and “Business” (2%), both “Residential” and “Business” (2%), and “Group Quarters” (.5%), which the FCC defines as “housing units.”<sup>7</sup> These were much smaller numbers of libraries found in these last three categories.

<sup>7</sup> <https://docs.fcc.gov/public/attachments/FCC-21-20A1.pdf>

## *Additional Problems*

There were also several other problems with the FCC's Broadband Map with regard to how it describes the "Type" and "Speed" of broadband service available at each public library building location. There were also unfortunate discrepancies between the exact addresses for each public library building and the location IDs that the map uses to identify the specific location of each public library, or community anchor institution, on the map. These additional problems are further described below.

**Broadband Type.** All of the locations marked as "Community Anchor Institutions" were classified as either "Residential" or "Business" (e.g., see West Virginia's public libraries) in the selected location "Broadband Type." This was not necessarily helpful for gaining a better understanding of the actual broadband "Service", "Technology", and "Speeds" available at each CAI location. The FCC map should add a "Community Anchor Institution" category to its initial summary page without having to click on the "Location Challenge" or "Mobile Broadband" button, which shows this "Building Type" for those classified as community anchor institutions.

**Broadband Speed.** While all public library building locations were classified as having "25/3 Mbps or greater" speeds, it was much less clear what the maximum advertised speeds were at each location, particularly for those marked as "not broadband serviceable." In other words, while it was positive to see that the majority (54%) of public libraries were classified as "Community Anchor Institutions" on the FCC's Broadband Map, "broadband data were unavailable" for CAIs with regards to internet service provider and maximum advertised speed at each location.

**Location ID.** Those interested in finding the location of public libraries on the FCC's map need to have the "Location ID" to get an accurate location on the map. Neither the building location address or name of the library were often sufficient enough to locate the exact location of each public library building on the map. In other words, those interested in finding public libraries on the FCC's Map really need to have access to their Location IDs. This also means that Location IDs all need to accurately represent the public library, or other community anchor institution, building location.

## **Recommendations**

Based on the findings from this study's snapshot of 200 public libraries in 20 states across the country, several recommendations are now offered to help improve the FCC's Broadband Map.

- **Provide evidence to support CAI "not broadband serviceable" category.** The Map should not classify CAIs as "not broadband serviceable" unless there is evidence that they do in fact purchase "commercial service."

- **Add a “Served” category for CAIs.** The Map should classify CAIs as “Served” only if they have gigabit level service. As Title IV of the IIJA states, “ensure that the proposed middle mile broadband network will be capable of providing broadband to an anchor institution at a speed of not less than 1 gigabit per second for downloads; and 1 gigabit per second for uploads to an anchor institution.” A “Served” category for CAIs on the Map can help clarify where the middle mile network is serving the CAI and where these networks still need to be addressed.
- **Add broadband “Provider” data for all CAIs.** One way to address the first recommendation is to add a list of internet service providers to the map for each of the “Community Anchor Institution” building types. Similar to the list of “Residential” and “Business” locations that are served by internet service providers on the map, “Community Anchor Institutions” should also be included in this list of locations served by internet service “Providers,” and should include “Technology” type and maximum advertised upload and download speeds.
- **Fix “No Location Data” errors.** As the examples in this study showed, there are several cases where public libraries are not represented on the map. This is because “No Location Data” exist for these community anchor institutions. As seen in the example of the Waipahu Public Library and several others in Hawaii alone, these obvious errors need to be fixed, not just challenged.
- **Make “Location IDs” available for all CAI Buildings.** Even in this small sample of 200 public library buildings, there were several discrepancies between the addresses of the public library buildings and the location IDs associated with them. The FCC should make Location IDs available for all community anchor institutions, and allow people to search the map by location ID, which would make it easier to more accurately locate CAIs on the map, as well as when using the data outside the FCC’s map. At the very least, the FCC should make sure that addresses and location IDs are more accurately aligned.
- **Add “Community Anchor Institution” to “Broadband Type.”** The FCC should also add a new category for “Community Anchor Institution” to the “Broadband Type” for each “Selected Location” on the map. This would help update the type of service from “Residential” or “Business,” which it currently reads to more accurately reflect the actual type of broadband service provided at each CAI location.
- **Utilize the IMLS Public Library Survey data.** The FCC should utilize the U.S. Institute of Museum and Library Services’ Public Library Survey dataset to update the Broadband Map with regards to the status of public libraries across the U.S. The Public Library Survey data set provides statistics on approximately 9,000 public libraries with approximately 17,000 individual public library outlets in the 50 states, the District of Columbia, and outlying territories.<sup>8</sup>

---

<sup>8</sup> <https://www.imls.gov/research-evaluation/data-collection/public-libraries-survey>

APPENDIX I - PLS, FCC, and E-Rate Data

STABR	LIBNAME	ADDRESS	CITY	ZIP	CNTY	FCC/BROADBAND STATUS	FCC/BROADBAND TYPE	FCC/SPEED	FCC/BUILDING TYPE	FCC/LOCATION ID	E-RATE PARTICIPANT (FY22)	USAC LOCALE CATEGORY	APPLICATION TYPE	INTERNET SERVICE PROVIDER	CONNECTION TYPE	DOWNLOAD SPEED (MBPS)	UPLOAD SPEED (MBPS)
CA	HARRISON MEMORIAL LIBRARY	OCEAN AVE. & LINCOLN BLVD.	CARMEL	93921	MONTEREY	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	CONSORTIUM	Pacific Bell Telephone Company	FIBER	100	100
CA	EAST ANAHEIM BRANCH LIBRARY	8001 E. SANTA ANA CANYON RD.	ANAHEIM	92808	ORANGE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1369052277	YES	URBAN	LIBRARY SYSTEM	Pacific Bell Telephone Company	COPPER (DSL)	4.72	0.57
CA	COLUSA COUNTY FREE LIBRARY	738 MARKET ST.	COLUSA	95932	COLUSA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1034000305	YES	RURAL	LIBRARY SYSTEM	FRONTIER COMMUNICATIONS OF AMERICA	FIBER	10	10
CA	IONE BRANCH LIBRARY	25 EAST MAIN ST.	IONE	95640	AMADOR	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1286497709	YES	RURAL	LIBRARY SYSTEM	Volcano Telephone Company	see notes	50	10
CA	ROCKLIN LIBRARY	4880 GRANITE DRIVE	ROCKLIN	95677	PLACER	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1350925865	YES	URBAN	LIBRARY SYSTEM	Pacific Bell Telephone Company	FIBER	100	100
CA	VALLEY SPRINGS BRANCH LIBRARY	240 PINE ST.	VALLEY SPRINGS	95255	CALAVERAS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1029720017	YES	RURAL	CONSORTIUM	Pacific Bell Telephone Company	FIBER	1000	1000
CA	ALAMEDA FREE LIBRARY	1550 OAK ST	ALAMEDA	94501	ALAMEDA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1322232493	YES	URBAN	CONSORTIUM	Pacific Bell Telephone Company	FIBER	1000	1000
CA	WEST BRANCH LIBRARY	1125 UNIVERSITY AVE.	BERKELEY	94702	ALAMEDA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1322404138	YES	URBAN	CONSORTIUM	Pacific Bell Telephone Company	FIBER	10000	10000
CA	EASTON BRANCH	1800 EASTON DRIVE	BURLINGAME	94010	SAN MATEO	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1344609067	YES	URBAN	CONSORTIUM	Pacific Bell Telephone Company	FIBER	see notes	see notes
CA	FREMONT MAIN LIBRARY	2400 STEVENSON BLVD.	FREMONT	94538	ALAMEDA	SERVED	RESIDENTIAL	25/3 Mbps or greater	GROUP QUARTERS	1322421264	YES	URBAN	Multiple	Pacific Bell Telephone Company	FIBER	see notes	see notes
CO	DPL-WESTWOOD BRANCH LIBRARY	1000 SOUTH LOWELL BOULEVARD	DENVER	80219	DENVER	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	5000	5000
CO	PINE RIVER PUBLIC LIBRARY DISTRICT	395 BAYFIELD CENTER DRIVE	BAYFIELD	81122	LA PLATA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1290062241	YES	RURAL	LIBRARY	FastTrack Communications, Inc.	FIBER	200	200
CO	ALD-CASTLEWOOD PUBLIC LIBRARY	6739 SOUTH UMTA STREET	CENTENNIAL	80112	ARAPAHOE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1349020269	YES	URBAN	LIBRARY SYSTEM	CenturyLink Level 3 Communications, LLC	FIBER	1000	1000
CO	DPL-HADLEY BRANCH	1880 SOUTH GROVE STREET	DENVER	80219	DENVER	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1347408620	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	5000	5000
CO	YORK STREET BRANCH LIBRARY	8960 YORK STREET	THORNTON	80229	ADAMS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1350388918	NO	N/A	N/A	N/A	N/A	N/A	N/A
CO	AURORA PUBLIC LIBRARY - CENTRAL	14949 EAST ALAMEDA PARKWAY	AURORA	80012	ARAPAHOE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1348922666	NO	N/A	N/A	N/A	N/A	N/A	N/A
CO	DINOSAUR BRANCH LIBRARY	400 SCHOOL ST	DINOSAUR	81610	MOFFAT	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1054713927	NO	N/A	N/A	N/A	N/A	N/A	N/A
CO	BURLINGTON PL	321 14TH STREET	BURLINGTON	80807	KIT CARSON	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1066708089	NO	N/A	N/A	N/A	N/A	N/A	N/A
CO	RICO PUBLIC LIBRARY	7 SOUTH COMMERICAL STREET	RICO	81332	DOLORES	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1011168463	NO	N/A	N/A	N/A	N/A	N/A	N/A
CO	DOUGLAS COUNTY LIBRARIES - LOUIVIER'S LIBRARY	78885 LOUVIERS BLVD	LOUVIERS	80131	DOUGLAS	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1145943993	NO	N/A	N/A	N/A	N/A	N/A	N/A
CT	BETHLEHEM PUBLIC LIBRARY	32 MAIN ST. SOUTH	BETHLEHEM	6751	LITCHFIELD	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	NO	N/A	N/A	N/A	N/A	N/A	N/A
CT	ANDOVER PUBLIC LIBRARY	335 ROUTE 6	ANDOVER	6232	TOLLAND	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1133780221	YES	RURAL	LIBRARY	Dept of Admin Services, CT	FIBER	25	25
CT	BRANFORD MEMORIAL LIBRARY	920 SAYBROOK RD.	HADDAM	6438	MIDDLESEX	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1103634808	YES	RURAL	LIBRARY	Dept of Admin Services, CT	FIBER	25	25
CT	EAST SIDE BRANCH LIBRARY	1174 E. MAIN ST.	BRIDGEPORT	6608	FAIRFIELD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1338341075	YES	URBAN	LIBRARY SYSTEM	Dept of Admin Services, CT	FIBER	25	25
CT	HADAMAN MEMORIAL LIBRARY	227 MAIN ST.	EAST HAVEN	6512	NEW HAVEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1335770535	YES	URBAN	LIBRARY	Dept of Admin Services, CT	FIBER	50	50
CT	ROCKING BRANCH LIBRARY	1750 MAIN STREET	HARTFORD	6120	HARTFORD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1123643294	YES	URBAN	CONSORTIUM	Dept of Admin Services, CT	FIBER	10000	10000
CT	DEEP RIVER PUBLIC LIBRARY	150 MAIN ST.	DEEP RIVER	6417	MIDDLESEX	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1103650257	NO	N/A	N/A	N/A	N/A	N/A	N/A
CT	FAIRFIELD PUBLIC LIBRARY	1080 OLD POST RD.	FAIRFIELD	6824	FAIRFIELD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1338235395	NO	N/A	N/A	N/A	N/A	N/A	N/A
CT	FREDERICK H. COSSITT LIBRARY	388 NORTH GRANBY ROAD	GRANBY	6080	HARTFORD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1123902792	NO	N/A	N/A	N/A	N/A	N/A	N/A
CT	CHAPLIN PUBLIC LIBRARY	130 CHAPLIN ST.	CHAPLIN	6235	WINDHAM	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1288949404	YES	RURAL	LIBRARY	Dept of Admin Services, CT	FIBER	25	25
FL	EAU GALIEE PUBLIC LIBRARY	1521 PINEAPPLE AVENUE	MELBOURNE	32935	BREVARD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1336535671	YES	URBAN	LIBRARY SYSTEM	Brevard Wireless, Inc.	FIBER	70	70
FL	DR. MARTIN LUTHER KING JR. LIBRARY	955 EAST UNIVERSITY BLVD.	MELBOURNE	32901	BREVARD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1336556823	YES	URBAN	LIBRARY SYSTEM	Brevard Wireless, Inc.	FIBER	70	70
FL	LUCIA M. TRYON BRANCH	1200 LANGLEY AVENUE	PENSACOLA	32504	ESCAMBIA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1140179108	YES	URBAN	LIBRARY SYSTEM	Unit Fiber LLC	FIBER	100	100
FL	MARION COUNTY PUBLIC LIBRARY HEADQUARTERS-OCALA	2720 E SILVER SPRINGS BLVD	OCALA	34470	MARION	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	ENTERPRISE	1334780044	YES	URBAN	LIBRARY SYSTEM	Ocala Telecommunications, Inc.	FIBER	220	220
FL	BEACHES BRANCH	600 THIRD STREET	NEPTUNE BEACH	32266	DUVAL	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1324957173	YES	URBAN	LIBRARY SYSTEM	BellSouth Telecommunications, LLC	FIBER	2000	2000
FL	SAN MARCO BRANCH	1513 LASALLE STREET	JACKSONVILLE	32207	DUVAL	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1324789460	YES	URBAN	LIBRARY SYSTEM	BellSouth Telecommunications, LLC	FIBER	2000	2000
FL	LIBERTY COUNTY LIBRARY/HARBELL MEMORIAL LIBRARY	13016 NW CR 12	BRISTOL	32331	LIBERTY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1067364312	NO	N/A	N/A	N/A	N/A	N/A	N/A
FL	SUNWANNEE RIVER REGIONAL LIBRARY SYSTEM	1848 OHIO AVENUE SOUTH M.L. KING JR. AVE	LIVE OAK	32064	SUNWANNEE	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1141020869	YES	RURAL	LIBRARY SYSTEM	Windstream Communications, LLC	FIBER	200	200
FL	HALLANDALE BEACH BRANCH	351 OLD FEDERAL HIGHWAY	HALLANDALE	33009	BROWARD	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1360077704	YES	URBAN	LIBRARY SYSTEM	BellSouth Telecommunications, LLC	FIBER	1000	1000
FL	WEST OAKS BRANCH	1821 EAST SILVER STAR ROAD	OCOOEE	34761	ORANGE	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1320201349	YES	URBAN	LIBRARY SYSTEM	Smart City Solutions II, LLC	FIBER	2000	2000
GA	EPHESUS PUBLIC LIBRARY	200 ROGERS STREET	ROOPVILLE	30170	HEARD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1024972828	YES	RURAL	LIBRARY SYSTEM	DoveTel Communications, LLC	FIBER	100	100
GA	IDEAL PUBLIC LIBRARY	605 TOM WATSON AVENUE	IDEAL	31041	MACON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1106840169	YES	RURAL	LIBRARY SYSTEM	Windstream Communications, LLC	FIBER	200	200
GA	WINDER PUBLIC LIBRARY	189 BELLVIEW STREET	WINDER	30680	BARROW	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1130247145	YES	URBAN	LIBRARY SYSTEM	Windstream Communications, LLC	FIBER	200	200
GA	CARTERSVILLE PUBLIC LIBRARY	429 WEST MAIN STREET	CARTERSVILLE	30120	BARTOW	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1108034645	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	1000	1000
GA	FOREST CITY LIBRARY	1501 STILES AVENUE	SAVANNAH	31401	CHATHAM	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1305063886	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	100	100
GA	TALLAPOOSA PUBLIC LIBRARY	45 BOWCON STREET	TALLAPOOSA	30176	HARALSON	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1109712962	YES	RURAL	LIBRARY SYSTEM	DoveTel Communications, LLC	FIBER	200	200
GA	OGLETHORPE COUNTY LIBRARY	858 ATHENS ROAD	LEXINGTON	30648	OGLETHORPE	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1038190326	YES	RURAL	LIBRARY SYSTEM	ENA Services, LLC	FIBER	200	200
GA	HICKORY FLAT PUBLIC LIBRARY	2740 EAST CHEROKEE DRIVE	CANTON	30115	CHEROKEE	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1041222349	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	200	200
GA	PEMBROKE PUBLIC LIBRARY	1018 CAMELIA DRIVE	PEMBROKE	31321	BRYAN	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1018613493	YES	RURAL	LIBRARY SYSTEM	Pentacore Telephone Company, Inc.	FIBER	500	100
GA	SOUTHWEST CHATHAM LIBRARY	14997 ABERCORN STREET	SAVANNAH	31419	CHATHAM	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1305045263	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	1000	1000
HI	WAIPIAHU PUBLIC LIBRARY	94-275 MOKULOA STREET	WAIPIAHU	96797	HONOLULU	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	KEAAU PUBLIC AND SCHOOL LIBRARY	16-571 KEAAU-PAHOA ROAD	KEAAU	96749	HAWAII	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	PAHALA PUBLIC AND SCHOOL LIBRARY	96-3150 PIKAKE STREET	PAHALA	96777	HAWAII	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	MOKOLOAI PUBLIC LIBRARY	15 ALA MALAMA AVENUE	KAUNAKAKAI	96748	MAUI	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	WAIHEA PUBLIC LIBRARY	9750 KAUIMUALOI HIGHWAY	WAIHEA	96796	KAUAI	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	KAHULUI PUBLIC LIBRARY	90 SCHOOL ST.	KAHULUI	96732	MAUI	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1292499859	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	AIEA PUBLIC LIBRARY	99-374 POHAI PLACE	AIEA	96701	HONOLULU	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1357522355	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	MCCULLY-MOILILI PUBLIC LIBRARY	2211 S. KING ST.	HONOLULU	96826	HONOLULU	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1357545357	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	WAIHAWA PUBLIC LIBRARY	820 CALIFORNIA AVE.	WAIHAWA	96786	HONOLULU	SERVED	RESIDENTIAL	25/3 Mbps or greater	ENTERPRISE	1357598665	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000
HI	KAILUA PUBLIC LIBRARY	239 KULUEI RD.	KAILUA	96734	HONOLULU	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1357554857	YES	URBAN	LIBRARY SYSTEM	Hawaiian Telcom, Inc.	FIBER	1000	1000

APPENDIX I - PLS, FCC, and E-Rate Data

STABR	LIBNAME	ADDRESS	CITY	ZIP	CNTY	FCC/BROADBAND STATUS	FCC/BROADBAND TYPE	FCC/SPEED	FCC/BUILDING TYPE	FCC/LOCATION ID	E-RATE PARTICIPANT (FY22)	USAC LOCALE CATEGORY	APPLICATION TYPE	INTERNET SERVICE PROVIDER	CONNECTION TYPE	DOWNLOAD SPEED (MBPS)	UPLOAD SPEED (MBPS)
IL	MASON MEMORIAL PUBLIC LIBRARY	104 WEST MAIN STREET	BUDA	61314	BUREAU	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	NO	N/A	N/A	N/A	N/A	N/A	N/A
IL	CAMP POINT PUBLIC LIBRARY DISTRICT	238 EAST STATE STREET	CAMP POINT	62220	ADAMS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1292362860	YES	RURAL	LIBRARY	Adams TeleSystems, Inc.	FIBER	100	100
IL	AUBURN PUBLIC LIBRARY DISTRICT	338 WEST JEFFERSON STREET	AUBURN	62815	SANGAMON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1304089891	YES	RURAL	LIBRARY	Cable One, Inc.	FIBER	150	150
IL	BENTON PUBLIC LIBRARY DISTRICT	502 SOUTH MAIN STREET	BENTON	62812	FRANKLIN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1292285980	YES	RURAL	LIBRARY	Delta Communications LLC	FIBER	200	40
IL	BLUE ISLAND PUBLIC LIBRARY	2433 YORK STREET	BLUE ISLAND	60406	COOK	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1327298769	YES	URBAN	LIBRARY	Comcast Business Communications	COPPER (CABLE)	200	20
IL	JOHN MOSSER PUBLIC LIBRARY DISTRICT	106 WEST MEEK STREET	ABINGDON	61410	KNOX	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1144076149	NO	N/A	N/A	N/A	N/A	N/A	N/A
IL	PANKHURST MEMORIAL LIBRARY	3 SOUTH JEFFERSON AVENUE	AMBOY	61510	LEE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1090417513	NO	N/A	N/A	N/A	N/A	N/A	N/A
IL	ARTHUR PUBLIC LIBRARY DISTRICT	225 SOUTH WALNUT STREET	ARTHUR	61911	MOULTRIE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1034788934	NO	N/A	N/A	N/A	N/A	N/A	N/A
IL	BATAVIA PUBLIC LIBRARY DISTRICT	19 SOUTH BATAVIA AVENUE	BATAVIA	60510	KANE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1348675306	NO	N/A	N/A	N/A	N/A	N/A	N/A
IL	CARY AREA PUBLIC LIBRARY DISTRICT	1606 THREE OAKS ROAD	CARY	60013	MCHENRY	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1355160592	YES	URBAN	LIBRARY	Comcast Business Communications	FIBER	200	200
LA	JULIAN POYDRAS BRANCH	4985 JULIAN POYDRAS LANE	ROUGON	70773	POINTE COUPEE	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY SYSTEM	Conterra Ultra Broadband, LLC	FIBER	3000	3000
LA	PIERRE PART BRANCH	2800 HWY 70 SOUTH	PIERRE PART	70339	ASSUMPTION	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1129643524	YES	RURAL	LIBRARY SYSTEM	SkyFiber Communications, Inc.	FIBER	20	20
LA	WEST BATON ROUGE PARISH LIBRARY	830 NORTH ALEXANDER AVENUE	PORT ALLEN	70767	WEST BATON ROUGE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1067121979	YES	URBAN	LIBRARY SYSTEM	Cox Louisiana Telecom, LLC	FIBER	500	500
LA	CLAIBORNE PARISH LIBRARY	909 EDGEWOOD DRIVE	HOMER	71040	CLAIBORNE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1072753111	YES	RURAL	LIBRARY SYSTEM	Hunt Telecommunications, LLC	FIBER	1000	1000
LA	SINGER SOUTH CENTRAL BRANCH	9130 HIGHWAY 27	SINGER	70660	BEAUREGARD	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1028494499	YES	RURAL	LIBRARY SYSTEM	Conterra Ultra Broadband, LLC	FIBER	100	100
LA	TENSAS PARISH LIBRARY	135 PLANK ROAD	ST. JOSEPH	71366	TENSAS	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1095999472	YES	RURAL	LIBRARY SYSTEM	Hunt Telecommunications, LLC	FIBER	100	100
LA	MAMOU BRANCH	317A SECOND STREET	MAMOU	70554	EVANGELINE	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1014475859	YES	RURAL	LIBRARY SYSTEM	Detail Wireless	FIBER	100	100
LA	LOGANSPORT BRANCH LIBRARY	203 HWY 5	LOGANSPORT	71049	DESOTO	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1090603265	YES	RURAL	LIBRARY SYSTEM	Hunt Telecommunications, LLC	FIBER	200	200
LA	RICHLAND PARISH LIBRARY	1410 LOUISA STREET	RAYVILLE	71269	RICHLAND	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1287265020	YES	RURAL	LIBRARY SYSTEM	Hunt Telecommunications, LLC	FIBER	1000	1000
LA	MARINGOUIN BRANCH	77175 ROCKWOOD DRIVE	MARINGOUIN	70757	IBERVILLE	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1287240671	YES	RURAL	LIBRARY SYSTEM	Conterra Ultra Broadband, LLC	FIBER	2000	2000
MA	BUCKLAND PUBLIC LIBRARY	30 UPPER ST.	BUCKLAND	1338	FRANKLIN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1297288763	YES	RURAL	CONSORTIUM	Crocker Communications, Inc.	FIBER	10	10
MA	GLEASON PUBLIC LIBRARY	22 BEDFORD ROAD	CARLISLE	1741	MIDDLESEX	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1319151033	YES	RURAL	CONSORTIUM	Comcast Cable Communications, LLC	COPPER (CABLE)	200	200
MA	MATTAPAN BRANCH LIBRARY	1350 BLUE HILL AVE.	MATTAPAN	2128	SUFFOLK	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1307053302	YES	URBAN	CONSORTIUM	City of Boston - Dept of Innovation & Technology	FIBER	1000	
MA	SOUTH BOSTON BRANCH LIBRARY	646 EAST BROADWAY	SOUTH BOSTON	2127	SUFFOLK	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1307005480	YES	URBAN	CONSORTIUM	City of Boston - Dept of Innovation & Technology	FIBER	1000	1000
MA	AVON PUBLIC LIBRARY	280 WEST MAIN ST.	AVON	2322	NORFOLK	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1343641861	NO	N/A	N/A	N/A	N/A	N/A	N/A
MA	BERLIN PUBLIC LIBRARY	23 CARTER STREET	BERLIN	1503	WORCESTER	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1331658060	NO	N/A	N/A	N/A	N/A	N/A	N/A
MA	BREWSTER LADIES' LIBRARY	1822 MAIN STREET	BREWSTER	2631	BARNSTABLE	NOT BROADBAND SERVICEABLE + SERVED	RESIDENTIAL	25/3 Mbps or greater	CAI + BUSINESS	1350802609	YES	URBAN	CONSORTIUM	OpenCape Corporation	FIBER	1244	1244
MA	MEMORIAL HALL LIBRARY	2 NORTH MAIN STREET	ANDOVER	1810	ESSEX	NOT BROADBAND SERVICEABLE + SERVED	RESIDENTIAL	25/3 Mbps or greater	CAI + BUSINESS	1340451071	NO	N/A	N/A	N/A	N/A	N/A	N/A
MA	NORTH END BRANCH LIBRARY	25 PARKMETER STREET	BOSTON	2113	SUFFOLK	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1307012112	YES	URBAN	CONSORTIUM	City of Boston - Dept of Innovation & Technology	FIBER	1000	1000
MA	ABINGTON PUBLIC LIBRARY	600 GLINIEWICZ WAY	ABINGTON	2351	PLYMOUTH	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1344384300	NO	N/A	N/A	N/A	N/A	N/A	N/A
MI	DARCY LIBRARY OF BELLAIR	7238 COMMERCIAL STREET	BELLAIR	49617	BENZIE	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY	Merit Network, Inc.	FIBER	100	100
MI	BACON MEMORIAL DISTRICT LIBRARY	45 VINEWOOD STREET	WYANDOTTE	48192	WAYNE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1368142771	YES	URBAN	CONSORTIUM	Merit Network, Inc.	FIBER	100	100
MI	BELLAIRE PUBLIC LIBRARY	111 SOUTH BRIDGE STREET	BELLAIRE	49615	ANTRIM	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1104376633	YES	RURAL	LIBRARY	Charter Communications Operating, LLC	COPPER (CABLE)	200	10
MI	ALVAH N. BELDING MEMORIAL LIBRARY	302 EAST MAIN STREET	BELDING	48809	IONIA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1297617709	YES	RURAL	LIBRARY	Charter Communications Operating, LLC	COPPER (CABLE)	600	20
MI	BURR OAK TOWNSHIP LIBRARY	220 SOUTH SECOND STREET	BURR OAK	49030	ST. JOSEPH	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1068776639	NO	N/A	N/A	N/A	N/A	N/A	N/A
MI	CHARLES A. RANSOM DISTRICT LIBRARY	190 SOUTH SHERWOOD AVENUE	PLAINWELL	49080	ALLEGAN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1315150904	NO	N/A	N/A	N/A	N/A	N/A	N/A
MI	COLUMBIA TOWNSHIP LIBRARY	6456 CENTER STREET	UNIONVILLE	48767	TUSCOLA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1030011344	YES	RURAL	CONSORTIUM	N/A	DARK FIBER	N/A	N/A
MI	CARSON CITY PUBLIC LIBRARY	102 WEST MAIN STREET	CARSON CITY	48811	MONTCALM	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1104612903	YES	RURAL	LIBRARY SYSTEM	Point Broadband Fiber Holding, LLC	FIBER	200	200
MI	SUPERIOR DISTRICT LIBRARY	541 LIBRARY DRIVE	SAULT STE. MARIE	49783	CHIPPewa	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1293528380	YES	RURAL	CONSORTIUM	Merit Network, Inc.	FIBER	500	500
MI	UNION TOWNSHIP LIBRARY BRANCH	195 NORTH BRANCHWAY	UNION CITY	49084	BRANCH	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1287368321	NO	N/A	N/A	N/A	N/A	N/A	N/A
MN	RUSH CITY PUBLIC LIBRARY	240 W. FOURTH ST.	RUSH CITY	55089	CHISAGO	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	CONSORTIUM	State of MN- Office of Enterprise Technology	FIBER	100	100
MN	UPSALA PUBLIC LIBRARY	117 N MAIN STREET	UPSALA	56384	MORRISON	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	CONSORTIUM	State of MN- Office of Enterprise Technology	FIBER	100	100
MN	AITKIN PUBLIC LIBRARY	110 1ST AVENUE NE	AITKIN	56431	AITKIN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1137442343	YES	RURAL	CONSORTIUM	State of MN- Office of Enterprise Technology	FIBER	100	100
MN	BUFFALO PUBLIC LIBRARY	18 NW LAKE BLVD	BUFFALO	55313	WRIGHT	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1137442343	YES	RURAL	CONSORTIUM	State of MN- Office of Enterprise Technology	FIBER	100	100
MN	LONG PRAIRIE PUBLIC LIBRARY	42 3RD STREET NORTH	LONG PRAIRIE	56347	TODD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1100321225	YES	RURAL	CONSORTIUM	State of MN- Office of Enterprise Technology	FIBER	100	100
MN	AURORA PUBLIC LIBRARY	14 WEST SECOND AVENUE NO	AURORA	55705	ST. LOUIS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1345956619	YES	RURAL	CONSORTIUM	Northeast Service Cooperative	FIBER	1000	1000
MN	COOK PUBLIC LIBRARY	103 SOUTH RIVER ST.	COOK	55723	ST. LOUIS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1345967031	YES	RURAL	CONSORTIUM	Northeast Service Cooperative	FIBER	1000	1000
MN	HOYT LAKES PUBLIC LIBRARY	206 KENNEDY MEMORIAL DR	HOYT LAKES	55750	ST. LOUIS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1345882341	YES	RURAL	CONSORTIUM	Northeast Service Cooperative	FIBER	1000	1000
MN	CIRCLE PINES: CENTENAL BRANCH LIBRARY	100 CIVIC HEIGHTS CIRCLE	CIRCLE PINES	55014	ANOKA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1302412868	YES	URBAN	LIBRARY SYSTEM	Anoka County Broadband	FIBER	1000	1000
MN	BRECKENRIDGE LIBRARY	205 7TH ST N	BRECKENRIDGE	56320	WILKIN	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL + BUSINESS	1114013545	YES	RURAL	CONSORTIUM	VAL-ED Joint Venture LLP, dba 732 Communications	FIBER	1000	1000
NC	VANCEBORO-CRAVEN COUNTY PUBLIC LIBRARY	7901 MAIN ST	VANCEBORO	28589	CRAVEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1294845185	YES	RURAL	LIBRARY SYSTEM	DSOI LLC	FIBER	1	1
NC	SALLIE H. JENKINS MEMORIAL LIBRARY	302 BROAD ST	AJLANDER	27805	BERTIE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1140864339	YES	RURAL	LIBRARY SYSTEM	MCNC	FIBER	50	50
NC	MARTIN MEMORIAL LIBRARY	200 N SMITHWICK ST	WILLIAMSTON	27862	MARTIN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1083848012	YES	RURAL	LIBRARY SYSTEM	MCNC	FIBER	50	50
NC	PASQUOTANK COUNTY LIBRARY	100 E COLONIAL AVE	ELIZABETH CITY	27909	PASQUOTANK	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1287929381	YES	RURAL	LIBRARY SYSTEM	MCNC	FIBER	100	100
NC	ANDREWS PUBLIC LIBRARY	871 MAIN ST	ANDREWS	28901	CHEFKEE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1063937050	YES	RURAL	LIBRARY SYSTEM	BalsamWest FiberNET, LLC	FIBER	100	100
NC	MOUNT AIRY PUBLIC LIBRARY	145 ROCKFORD ST	MOUNT AIRY	27030	SURRY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1089387828	YES	RURAL	LIBRARY SYSTEM	Charter Communications Operating, LLC	FIBER	200	200
NC	WASHINGTON COUNTY LIBRARY	201 E THIRD ST	PLYMOUTH	27862	WASHINGTON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1015923246	YES	RURAL	LIBRARY SYSTEM	CenturyLink Quest Communications Company, LLC	FIBER	500	500

APPENDIX I - PLS, FCC, and E-Rate Data

STABR	LIBNAME	ADDRESS	CITY	ZIP	CNTY	FCC/BROADBAND STATUS	FCC/BROADBAND TYPE	FCC/SPEED	FCC/BUILDING TYPE	FCC/LOCATION ID	E-RATE PARTICIPANT (FY22)	USAC LOCALE CATEGORY	APPLICATION TYPE	INTERNET SERVICE PROVIDER	CONNECTION TYPE	DOWNLOAD SPEED (MBPS)	UPLOAD SPEED (MBPS)	
NC	PINEBLUFF PUBLIC LIBRARY	305 E BALTIMORE AVE	PINEBLUFF		28373	MOORE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1092492649	YES	URBAN	LIBRARY SYSTEM	NC Office of Information Technology Services	COPPER (CABLE)	600	35
NC	TRAPHILL BRANCH LIBRARY	6938 TRAPHILL RD	TRAPHILL		28685	WILKES	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1080548664	YES	RURAL	LIBRARY SYSTEM	SkyBest Communications, Inc.	FIBER	20	20
NC	POLLOCKSVILLE BRANCH LIBRARY	415 GREEN HILL ST	POLLOCKSVILLE		28573	JONES	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1084623095	YES	RURAL	LIBRARY SYSTEM	CenturyLink Carolina Telephone and Telegraph Co FKA Embarq	FIBER	500	500
NJ	BORDENTOWN BRANCH LIBRARY	18 EAST UNION STREET	BORDENTOWN		8505	BURLINGTON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1344002676	YES	URBAN	LIBRARY SYSTEM	Verizon New Jersey Inc	FIBER	100	100
NJ	DELANCO PUBLIC LIBRARY	1303 BURLINGTON AVENUE	BURLINGTON		8075	BURLINGTON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1344010713	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	COPPER (CABLE)	150	20
NJ	ATLANTIC COUNTY LIBRARY	40 FARRAGUT AVENUE	MAYS LANDING		8330	ATLANTIC	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1352015006	YES	URBAN	LIBRARY SYSTEM	Verizon New Jersey Inc	FIBER	1000	1000
NJ	ABSECON PUBLIC LIBRARY	305 NEW JERSEY AVENUE	ABSECON		8201	ATLANTIC	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1351954316	YES	URBAN	LIBRARY SYSTEM	Verizon New Jersey Inc	FIBER	1000	1000
NJ	CLIFFSIDE PARK FREE LIBRARY	505 PALISADE AVENUE	CLIFFSIDE PARK		7010	BERGEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1081857081	NO	N/A	N/A	N/A	N/A	N/A	N/A
NJ	MAURICE M. PINE FREE PUBLIC LIBRARY	110-21 FAIR LAWN AVENUE	FAIR LAWN		7410	BERGEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1081725781	NO	N/A	N/A	N/A	N/A	N/A	N/A
NJ	HILLSDALE FREE PUBLIC LIBRARY	509 HILLSDALE AVENUE	HILLSDALE		7642	BERGEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1081921826	NO	N/A	N/A	N/A	N/A	N/A	N/A
NJ	NEW MILFORD PUBLIC LIBRARY	200 DAHLIA AVENUE	NEW MILFORD		7646	BERGEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1081744840	NO	N/A	N/A	N/A	N/A	N/A	N/A
NJ	TEANECK PUBLIC LIBRARY	840 TEANECK ROAD	TEANECK		7666	BERGEN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	ENTERPRISE	1081755370	NO	N/A	N/A	N/A	N/A	N/A	N/A
NJ	PARK RIDGE FREE PUB. LIB.	51 PARK AVENUE	PARK RIDGE		7656	BERGEN	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1081916944	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	ARTESIA PUBLIC LIBRARY	255 W. QUAY AVE.	ARTESIA		88210	EDDY	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY	PVT Networks, Inc.	FIBER	40	40
NM	SPECIAL COLLECTIONS LIBRARY	423 CENTRAL AVE.	ALBUQUERQUE		87102	BERNALILLO	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1285880022	YES	URBAN	LIBRARY SYSTEM	Unite Private Networks, LLC	FIBER	100	100
NM	ALAMOGORDO PUBLIC LIBRARY	900 OREGON AVENUE	ALAMOGORDO		88310	OTERO	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1285183133	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	LOMAS TRAMWAY LIBRARY	909 EASTRIDGE NE	ALBUQUERQUE		87123	BERNALILLO	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1285818584	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	SOUTH BROADWAY/FRANCES PARRISH LIBRARY	1025 BROADWAY SE	ALBUQUERQUE		87102	BERNALILLO	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1285721957	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	CARLSBAD PUBLIC LIBRARY	101 S. HUALAQUENO	CARLSBAD		88220	EDDY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1284659765	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	WOOLWORTH COMMUNITY LIBRARY ANNEX	222 S 2ND ST	JAL		86252	LEA	NOT BROADBAND SERVICEABLE + SERVED	RESIDENTIAL	25/3 Mbps or greater	CAI + BUSINESS	1103854289	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	CARNEGIE PUBLIC LIBRARY	500 NATIONAL AVENUE	LAS VEGAS		87701	SAN MIGUEL	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1083883680	YES	RURAL	LIBRARY	Plateau Telecommunications, Inc.	FIBER	500	500
NM	ESPAÑOLA PUBLIC LIBRARY	313 NORTH PASADO DE ORATE	ESPAÑOLA		87532	RIO ARriba	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1284879135	NO	N/A	N/A	N/A	N/A	N/A	N/A
NM	OCTAVA FELLIN PUBLIC LIBRARY	115 WEST HILL AVENUE	GALLUP		87301	MCKINLEY	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1284639772	NO	N/A	N/A	N/A	N/A	N/A	N/A
NV	AMARGOSA VALLEY LIBRARY DISTRICT	1660 EAST AMARGOSA FARM ROAD	AMARGOSA VALLEY		89020	NYE	NO LOCATION DATA	BUSINESS	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY	Valley Electric Association, Inc.	WIRELESS (MICROWAVE)	100	100
NV	CARLIN BRANCH LIBRARY	330 MEMORY LANE	CARLIN		89822	ELKO	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1297898567	YES	RURAL	LIBRARY SYSTEM	Satview Broadband LTD	FIBER	100	100
NV	BLUE DIAMOND LIBRARY	16A COTTWOOD DR	BLUE DIAMOND		89004	CLARK	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1371556027	YES	RURAL	LIBRARY SYSTEM	Cox Nevada Telcom, LLC	FIBER	1000	1000
NV	INDIAN SPRINGS LIBRARY	715 GRIETTA LANE	INDIAN SPRINGS		89018	CLARK	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1371573554	YES	RURAL	LIBRARY SYSTEM	Cox Nevada Telcom, LLC	FIBER	1000	1000
NV	MOUNT CHARLESTON LIBRARY	75 SKI CHALET PL	LAS VEGAS		89124	CLARK	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1371560043	YES	URBAN	LIBRARY SYSTEM	Cox Nevada Telcom, LLC	FIBER	1000	1000
NV	SUNRISE LIBRARY	5400 HARRIS AVENUE	LAS VEGAS		89110	CLARK	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1370878682	YES	URBAN	LIBRARY SYSTEM	Cox Nevada Telcom, LLC	FIBER	1000	1000
NV	WHITNEY LIBRARY	5175 EAST TROPICANA AVE	LAS VEGAS		89122	CLARK	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1370879552	YES	URBAN	LIBRARY SYSTEM	Cox Nevada Telcom, LLC	FIBER	1000	1000
NV	DOUGLAS COUNTY PUBLIC LIBRARY	1625 LIBRARY LANE	MINDEN		89423	DOUGLAS	NOT BROADBAND SERVICEABLE	BUSINESS	25/3 Mbps or greater	CAI	1120241232	NO	N/A	N/A	N/A	N/A	N/A	N/A
NV	EUREKA BRANCH LIBRARY	80 S MONROIE	EUREKA		89216	EUREKA	SERVED	BUSINESS	25/3 Mbps or greater	BUSINESS	1080051689	YES	RURAL	LIBRARY SYSTEM	Commet Wireless, LLC	WIRELESS	200	200
NV	GIBSON LIBRARY	100 W LAKE MEAD PKWY	HENDERSON		89015	CLARK	SERVED	BUSINESS	25/3 Mbps or greater	ENTERPRISE	1371011505	YES	URBAN	LIBRARY SYSTEM	Zayo Group, LLC	FIBER	3000	3000
PA	LIBRARY FOR THE BLIND & PHYSICALLY HANDICAPPED	4724 BAUM BLVD	PITTSBURGH		15213	ALLEGHENY	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	BROWNVILLE FREE PUBLIC LIBRARY	100 SENECA ST	BROWNVILLE		15417	FAYETTE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1049852770	YES	URBAN	LIBRARY	Cogeco US Enterprises, LLC	FIBER	100	100
PA	STEY NEVANT PUBLIC LIBRARY	1000 ROEMER BLVD.	FARRELL		16121	MERCER	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1295102846	YES	URBAN	LIBRARY	Charter Communications Operating, LLC	COPPER (CABLE)	100	100
PA	DONORA PUBLIC LIBRARY	510 MELDON AVE	DONORA		15033	WASHINGTON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1302520943	YES	URBAN	LIBRARY	Comcast Business Communications	FIBER	300	300
PA	GREEN TREE PUBLIC LIBRARY	10 W MANILLA AVE	PITTSBURGH		15220	ALLEGHENY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1365438646	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	COOPER-SIEGEL COMMUNITY LIBRARY	403 FOX CHAPEL RD	PITTSBURGH		15238	ALLEGHENY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1365507287	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	UPPER ST CLAIR TOWNSHIP LIBRARY	1820 MC LAUGHLIN RUN RD	UPPER ST CLAIR		15241	ALLEGHENY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1365590077	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	BALDWIN BOROUGH PUBLIC LIBRARY	5230 WOLFE DR	PITTSBURGH		15236	ALLEGHENY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	ENTERPRISE	1365843563	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	HAZELWOOD LIBRARY	5009 SECOND AVENUE	PITTSBURGH		15207	ALLEGHENY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	ENTERPRISE	1365699448	YES	URBAN	CONSORTIUM	Comcast Business Communications	FIBER	6000	6000
PA	ZELIENOPLE PUBLIC LIBRARY	227 SOUTH HIGH ST	ZELIENOPLE		16063	BUTLER	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1084088879	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	FRETZ PARK BRANCH LIBRARY	6890 BELT LINE RD	DALLAS		75254	DALLAS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1370594791	YES	URBAN	CONSORTIUM	Southwestern Bell Telephone Company	FIBER	10000	10000
TX	POLK-WISDOM BRANCH LIBRARY	7151 LIBRARY LN	DALLAS		75232	DALLAS	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1370358161	YES	URBAN	CONSORTIUM	Southwestern Bell Telephone Company	FIBER	10000	10000
TX	YOKUM COUNTY/CECIL BICKLEY LIBRARY	205 W 4TH ST	DENVER CITY		79303	YOKUM	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1047279548	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	DUBLIN PUBLIC LIBRARY	206 W BLACKJACK ST	DUBLIN		76446	ERATH	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1288609460	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	SCHLEICHER COUNTY PUBLIC LIBRARY	201 SW MAIN ST	ELDORADO		76936	SCHLEICHER	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1064297407	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	MEMORIAL PARK BRANCH LIBRARY	3200 COPPER AVE	EL PASO		79930	EL PASO	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1319805698	YES	URBAN	LIBRARY SYSTEM	Centerra Ultra Broadband, LLC	FIBER	100	100
TX	LAKE JACKSON LIBRARY	250 CIRCLE WAY ST	LAKE JACKSON		77566	BRAZORIA	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1110316702	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	1000	1000
TX	JONES PUBLIC LIBRARY	801 S CLEVELAND ST STE A	DAYTON		77535	LIBERTY	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1030574401	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	ABERNATHY PUBLIC LIBRARY	811 AVE D	ABERNATHY		79311	HALE	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1288568876	NO	N/A	N/A	N/A	N/A	N/A	N/A
TX	LOMA DE LA CRUZ BRANCH LIBRARY	281 LEONA ST	EAGLE PASS		78852	MAVERICK	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL + BUSINESS	1297126752	NO	N/A	N/A	N/A	N/A	N/A	N/A
VA	PORT ROYAL BRANCH	419 KING STREET	PORT ROYAL		22535	CAROLINE	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY SYSTEM	Cogeco US (CT), LLC	COPPER (CABLE)	18	3
VA	RIDGEWAY BRANCH	900 VISTA VIEW LANE	RIDGEWAY		24148	HENRY	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1003015112	YES	URBAN	LIBRARY SYSTEM	City of Martinsville	FIBER	100	100
VA	CLOVER HILL LIBRARY	6701 DEER RUN DRIVE	MIDLOTHIAN		23112	CHESTERFIELD	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1006743560	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	FIBER	100	100
VA	CHARLES E. BEATLEY, JR. CENTRAL LIBRARY	5005 DUKE STREET	ALEXANDRIA		22304	ALEXANDRIA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1003623946	YES	URBAN	LIBRARY SYSTEM	COGENT COMMUNICATIONS, INC. dba PSNet, Inc.	FIBER	500	500
VA	BRISTOL PUBLIC LIBRARY	701 GOODIE STREET	BRISTOL		24201	BRISTOL	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1000408427	YES	URBAN	LIBRARY SYSTEM	Charter Communications Operating, LLC	COPPER (CABLE)	1000	1000
VA	GREENBRIER LIBRARY	1214 VOLVO PARKWAY	CHESAPEAKE		23320	CHESAPEAKE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1005776766	YES	URBAN	LIBRARY SYSTEM	Cox Virginia Telcom, LLC	FIBER	1000	1000
VA	COLUMBIA PIKE LIBRARY	816 SOUTH WALTER REED DR	ARLINGTON		22204	ARLINGTON	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1004215430	NO	N/A	N/A	N/A	N/A	N/A	N/A
VA	MIDDLEBROOK LIBRARY STATION	3698 MIDDLEBROOK RD.	FISHERSVILLE		24459	AUGUSTA	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL + BUSINESS	1003083526	YES	RURAL	LIBRARY SYSTEM	LUMOS Networks Inc	FIBER	200	200
VA	ALLEGHENY HIGHLANDS REGIONAL LIBRARY	406 W. RIVERSIDE STREET	COVINGTON		24426	COVINGTON	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1000088457	YES	RURAL	LIBRARY	LUMOS Networks Inc	FIBER	300	300

APPENDIX I - PLS, FCC, and E-Rate Data

STABR	LIBNAME	ADDRESS	CITY	ZIP	CNTY	FCC/BROADBAND STATUS	FCC/BROADBAND TYPE	FCC/SPEED	FCC/BUILDING TYPE	FCC/LOCATION ID	E-RATE PARTICIPANT (FY22)	USAC LOCALE CATEGORY	APPLICATION TYPE	INTERNET SERVICE PROVIDER	CONNECTION TYPE	DOWNLOAD SPEED (MBPS)	UPLOAD SPEED (MBPS)
VA	MAUDE LANGHORNE NELSON LIBRARY	209 E. CAWSON STREET	HOPEWELL	23860	HOPEWELL	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1000293283	YES	URBAN	LIBRARY SYSTEM	Comcast Business Communications	COPPER (CABLE)	300	300
WA	NORTH BONNEVILLE COMMUNITY LIBRARY	214 CBD MALL	NORTH BONNEVILLE	98639	SKAMANIA	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY SYSTEM	WAVEDIVISION HOLDINGS, LLC	FIBER	50	50
WA	UNIONTOWN BRANCH LIBRARY	110 S. MONTGOMERY	UNIONTOWN	99179	WHITMAN	NO LOCATION DATA	RESIDENTIAL	25/3 Mbps or greater	NO LOCATION DATA	NO LOCATION DATA	YES	RURAL	LIBRARY SYSTEM	FIRST STEP INTERNET, LLC.	FIBER	100	100
WA	COLTON BRANCH LIBRARY	706 BROADWAY	COLTON	99113	WHITMAN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1288934937	YES	RURAL	LIBRARY SYSTEM	FIRST STEP INTERNET, LLC.	FIBER	100	100
WA	LOPEZ ISLAND LIBRARY	2225 FISHERMAN BAY RD	LOPEZ ISLAND	98261	SAN JUAN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1089296754	YES	RURAL	CONSORTIUM	CenturyLink Centurytel of Washington, Inc.	Copper (Ethernet)	1000	1000
WA	SEQUIM BRANCH LIBRARY	630 N. SEQUIM AVENUE	SEQUIM	98382	CLALLAM	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1048383297	YES	RURAL	LIBRARY SYSTEM	WAVEDIVISION HOLDINGS, LLC	FIBER	1000	1000
WA	ODESSA PUBLIC LIBRARY	21 E. FIRST STREET	ODESSA	99159	LINCOLN	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1042970603	NO	N/A	N/A	N/A	N/A	N/A	N/A
WA	GRANDVIEW LIBRARY	500 W. MAIN STREET	GRANDVIEW	98930	YAKIMA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1305901145	NO	N/A	N/A	N/A	N/A	N/A	N/A
WA	PULLMAN (NEILL) PUBLIC LIBRARY	210 N GRAND AVE	PULLMAN	99163	WHITMAN	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1288949404	NO	N/A	N/A	N/A	N/A	N/A	N/A
WA	NORTH FORK LIBRARY	7506 KENDALL RD	MAPLE FALLS	98266	WHATCOM	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1310183849	NO	N/A	N/A	N/A	N/A	N/A	N/A
WA	BURLINGTON PUBLIC LIBRARY	820 EAST WASHINGTON AVENUE	BURLINGTON	98233	SKAGIT	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1312962225	NO	N/A	N/A	N/A	N/A	N/A	N/A
WV	WILLIAMSON PUBLIC LIBRARY	78 E 2ND AVE	WILLIAMSON	25661	MINGO	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1016652216	YES	RURAL	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	RITCHIE COUNTY PUBLIC LIBRARY	608 E. MAIN ST.	HARRISVILLE	26362	RITCHIE	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1029891568	YES	RURAL	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	GALLAHER VILLAGE	368 NORWAY AVE.	HUNTINGTON	25705	CABELL	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1296378874	YES	URBAN	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	MORGANTOWN PUBLIC LIBRARY	373 SPRUCE STREET	MORGANTOWN	26505	MONONGALIA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1298895048	YES	URBAN	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	KANAWHA COUNTY PUBLIC LIBRARY	123 CAPITOL ST.	CHARLESTON	25301	KANAWHA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1062976090	YES	URBAN	LIBRARY SYSTEM	LUMOS NETWORKS INC	FIBER	1000	1000
WV	NITRO PUBLIC LIBRARY	1700 PARK AVE.	NITRO	25143	KANAWHA	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1063028721	YES	URBAN	LIBRARY SYSTEM	LUMOS NETWORKS INC	FIBER	1000	1000
WV	PIEDMONT PUBLIC LIBRARY	1 CHILDS AVENUE	PIEDMONT	26750	MINERAL	NOT BROADBAND SERVICEABLE	RESIDENTIAL	25/3 Mbps or greater	CAI	1139247571	YES	RURAL	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	SUTTON PUBLIC LIBRARY	500 MAIN STREET	SUTTON	26801	BRAXTON	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL	1084242036	YES	RURAL	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	CHARLES W. GIBSON PUBLIC LIBRARY	105 EAST MAIN STREET	BUCKHANNON	26201	UPSHUR	SERVED	RESIDENTIAL	25/3 Mbps or greater	RESIDENTIAL + BUSINESS	1061564730	YES	RURAL	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500
WV	RALEIGH COUNTY PUBLIC LIBRARY	221 N. KANAWHA ST.	BECKLEY	25801	RALEIGH	SERVED	RESIDENTIAL	25/3 Mbps or greater	BUSINESS	1316852585	YES	URBAN	CONSORTIUM	FRONTIER WEST VIRGINIA INC.	FIBER	500	500