COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC. FOR A CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR THE CONSTRUCTION OF FIBER-TO-THE-PREMISE AND ADDITIONAL NETWORK UPGRADES IN ADAIR AND CUMBERLAND COUNTIES, KENTUCKY	)))))))	**Case No.** 2020-00140

APPLICATION FOR CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY FOR CONSTRUCTION OF FIBER-TO-THE-PREMISE AND ADDITIONAL NETWORK UPGRADES IN ADAIR AND CUMBERLAND COUNTIES, KENTUCKY

Pursuant to KRS 278.020 and 807 KAR 5:001, Duo County Telephone Cooperative Corporation, Inc. ("Duo") hereby submits this application for a certificate of public convenience and necessity ("CPCN") for the construction of Fiber-to-the-Premise ("FTTP") and additional network upgrades in Adair County and Cumberland County in south-central Kentucky.

1. Pursuant to **807 KAR 5:001 Section 14(1),** contact information for Duo is as follows:

   Duo County Telephone Cooperative Corporation, Inc.
   2150 North Main St.
   Jamestown, KY 42629
   Attn: Daryl 270-343-3131
   Email: dhammond@duobroadband.com

2. Pursuant to **807 KAR 5:001 Section 14(2)** Duo is a Kentucky Corporation chartered as a corporation and in good standing. Registration and incorporation documents are provided in **Exhibit 1**.

3. Pursuant to requirements of **807 KAR 5:001 Section 15(2)(a)** the following information is provided to show that the proposed construction is required by public convenience and necessity:

Background

Duo County Telephone Cooperative Corporation ("Duo") was established in 1954 as a member-owned cooperative to provide local telephone service to businesses and residential customers within the rural Kentucky exchanges of Burkesville Rural, Fairplay, Jamestown, and Russell Springs. Duo and its subsidiaries provide telecommunications, broadband, and video services to individuals and businesses within all or parts of Adair, Casey, Cumberland, and Russell counties.

As an incumbent local exchange carrier, Duo is designated as an eligible telecommunications carrier in the communities it serves and is also the carrier of last resort in its incumbent service territory. Duo last reported 4,703 residential and 2,294 business voice lines and broadband connections to 7,832 subscribers.[1] Approximately 40% of its existing broadband subscribers are served over copper loops and accordingly, are limited in the speed of broadband available.[2]

Service Expectations

While its demand for voice services has languished, demand for its broadband services has continued to grow, both in the number of members demanding service and the speed of services sought. As Duo's members have adopted economic, education, and entertainment advantages of broadband, its aggregate demand has grown by nearly 25% in two years with increasingly higher subscription speeds being requested and, when possible, provided to its members.[3]

The FCC has tied ongoing receipt of those critical funds to increasingly higher broadband speeds.[4] The FCC recognized that "Modernizing communications networks can dramatically reduce network costs, allowing providers to serve customers with increased efficiencies that can lead to improved and innovative product offerings and lower prices.[5] Thus, Duo is under pressure from both its customers and federal initiatives to increase the capability and availability of its Broadband services.

Overview of the Project

Duo uses both copper facilities ("DSL") and fiber to the home ("FTTH") loop plant to provide broadband service its customers. To service its DSL subscribers, Duo has placed

[1] December 31, 2019 service counts reported on FCC Form 477, dated January 20, 2020.
[2] Duo recognizes that the Kentucky Public Service Commission does not regulate broadband. While this CPCN application is driven specifically for broadband service deployment, the facilities deployed will also provide voice services that are regulated by the Commission.
[3] Comparison of 2H2017 and 2H2019 FCC Form 477 reports.
[4] January 29, 2015, Report and Notice of Inquiry (FCC 15-10)
[5] Federal Communications Commission, "Order, Report and Order and Further Notice of Proposed Rulemaking, Report and Order, Order and Further Notice of Proposed Rulemaking, Proposal for Ongoing Data Initiative," Adopted: January 30, 2014; Released: January 31, 2014.

74 remote electronic sites, served by fiber, throughout its service area. A single remote-electronic site covers on average 4.9 square miles and 228 households. Duo's remote placement is such that, its average "furthest household" is 1.7 miles from a remote electronic site with some loops at 4 times that distance. This design of its DSL network allows Duo to serve 99% of these DSL subscribers in its service area with a minimum available level of 4 Mbps download and 1 Mbps upload (aka, "4/1") and a maximum download speed of 8 Mbps.

On March 23, 2018, Congress passed the Consolidated Appropriations Act, 2018 which provided $600 million in Federal funds for a pilot program for rural broadband loans and grants. In April 2019 the US Department of Agriculture ("USDA") began accepting applications under the ReConnect program allowing grant applicants to request up to $25,000,000 to reach locations underserved for broadband. The application process was competitive and applications were graded as to their eligibility to receive funding to serve locations (referred to as "proposed funded service areas" or "PFSAs") otherwise incapable of receiving 10/1 speeds. Assessment criteria included, but were not limited to, rurality, performance of the proposed technology, and the nature of the subscribers (such as healthcare and education providers).

Under its grant application, Duo sought USDA support for a $ 24,902,037 network buildout with the initial 25% ($ 6,225,509) funded by the company and the remaining 75% ($18,676,528) funded by federal grant money from the ReConnect program. Additionally, Duo noted that it will invest an additional $9,989,782 in areas not eligible for funding as PFSAs but required to support its buildout in the eligible PFSAs. Under the terms of the ReConnect, Duo has 180 days from the approval of its application to start its buildout, and five years to complete the construction using allotted funds.

In its application, Duo cited several very rural and remote areas within its existing incumbent service area incapable of receiving broadband service at 10 Mbps / 1 Mbps. The low density and long loop lengths at these locations make fiber deployment financially impractical. With no competitors providing 10/1 service in these PFSAs, all of the PFSAs were deemed to lack sufficient access to broadband.

With the ReConnect grant, Duo will build a fiber-to-the-home network to these PFSAs providing broadband service at speeds up to 1Gbps / 1Gbps. Additionally, the project will also include a fully-redundant fiber ring to deliver the traffic to and from the Internet. In the proposed transport network, a ring of 100 Gig routers will be placed in the remotes of Antioch Church, Burkesville, Forest Cottage and Freedom.

The outside plant fiber cable will be both buried and aerial and will be placed in public and private rights-of-way. Other equipment locations will be primarily in existing buildings with two new building locations adjacent to existing cabinet remotes, resulting in little, if any, environmental impact.

4. In response to **807 KAR 5:001 Section 15(2)(b)** Duo states that it does not require franchise approval from any public authority to deploy the facilities described herein.

Any highway or railway permits will be obtained prior to start of construction. The majority of this construction will be on existing rights-of-way way however Duo will also apply for KDOT permits should some required ROW be unavailable.

5. Pursuant to **807 KAR 5:001 Section 15(2)(c)** Duo provides the following information regarding the proposed construction:

Duo County will deploy a Gigabit-capable Passive Optical Network (GPON) fiber-to-the-home (FTTH) network in the proposed funded service areas (PFSAs). This network technology will be capable of delivering broadband service to customers well above 100 Mbps / 100 Mbps. The project will also include a fully-redundant fiber ring to deliver the traffic to and from the Internet. In the proposed transport network, a ring of 100 Gig routers will be placed in the remotes of Antioch Church, Burkesville, Forest Cottage and Freedom. The outside plant cable will be both buried and aerial and will be placed in the existing public and private right-of-way. Other equipment locations will be in mostly existing buildings, with 2 new building locations adjacent to existing cabinet remotes, so there will be little, if any, environmental impact.

This GPON network follows the ITU-T G.984.1 standard which describes a flexible optical fiber access network capable of supporting the bandwidth requirements of business and residential services and covers systems with nominal line rates of 2.4 Gbit/s in the downstream direction and 1.2 Gbit/s and 2.4 Gbit/s in the upstream direction. This Recommendation proposes the general characteristics for GPON based on operators' service requirements. Source – Recommendation ITU-T G.984.1 was approved on 29 March 2008 by ITU-T Study Group 15 (2005-2008) under Recommendation ITU-T A.8 procedure and has been subsequently amended two times with the latest in 2012.

Duo will use a consulting engineer to preform engineering services, such as cable staking, right of way acquisition, construction supervision, etc. Duo will also hire contractors to build the outside plant. Overall project management and compliance monitoring will be performed by Duo's staff engineers.

The project will be built over a five-year period starting in Year 1 (2020) with an estimated annual capital investment of nearly $6.3 million dollars to cover the engineering, right-of-way, material, and backbone costs. For years 2-5, the annual capital investment will average over $4.6 million dollars for the build of the last mile in each of the PSFAs. When fully constructed, the proposed project will provide access to Gigabit broadband for 1,245 homes.

Duo is required to begin construction within 180 days of receiving its grant and accordingly, hopes to begin construction in the second quarter of this year pending approval of this application. Under the terms of the ReConnect program, Duo must complete the project within five years to receive the full benefit of its federal grant. Customers will be migrated to the new FTTP facilities initially on an on-demand basis and then as warranted due to cost, maintenance, and other business considerations.

As noted in the ReConnect application, Duo has no competition for broadband services in the proposed construction area.

6. Pursuant to **807 KAR 5:001 Section 15(2)(d)** two paper copies of the required maps, plan, specs and drawings and a pdf version in electronic media, will be provided once the Commission has indicated that it is open for the receipt of such filing material.[6] As discussed below, this material was electronically submitted to the USDA and is provided here as an exhibit to this application.

Exhibit 2 of this filing includes relevant excerpts from Duo's ReConnect application to the USDA.

Key Items	Exhibit 2 Reference
Service Areas including maps	Exhibit pages 7-39
Capital Investment	Exhibit pages 42-75
Summary of Funded Investment	Exhibit pages 67-68
Summary of Non-Funded Investment	Exhibit pages 72-73
Depreciation Schedule	Exhibit pages 76-78
Construction Maps	Exhibit pages 79-107
Site Descriptions	Exhibit pages 108-139

7. Pursuant to **807 KAR 5:001 Section 15(e)** Duo plans to finance its portion of the proposed construction, engineering and electronics through its existing capital budget, which accounts for 25% of the total project, with the remaining 75% of the project being funded via the ReConnect grant. Its additional transport deployment, which will serve the PFSAs as well as upgrades to customers not part of the ReConnect grant, will be completed under generally available funds. Accordingly, Duo is not incurring any debt to complete this project.

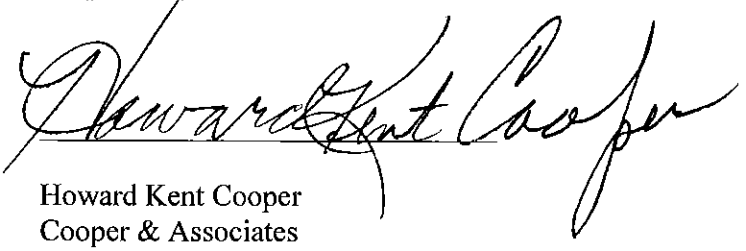
Duo does not anticipate any local telephone rate adjustments associated with the project.

8. In response to **807 KAR 5:001 Section 15(f)** Duo has not estimated an ongoing cost of maintenance of the fiber upon completion. Upon information and belief, the company anticipates that its ongoing maintenance and provisioning costs for the proposed network will be less than those costs associated with the copper network that this project will replace.

[6] Electronic Emergency Docket Related to the Novel Coronavirus Covid-19 PSC Case 2020-00085 released March 16, 2020

Based on the foregoing, and in accordance with KRS 278.020, Duo County Telephone Cooperative Corporation, Inc. respectfully requests that the Commission issue a CPCN for construction of network upgrades in Adair County and Cumberland County, Kentucky.

Respectfully submitted,



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Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

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Certificate of Existence

Authentication number: 215232
Visit https://app.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.

is a corporation duly incorporated and existing under KRS Chapter 14A and KRS Chapter 279, whose date of incorporation is May 26, 1954 and whose period of duration is perpetual.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that Articles of Dissolution have not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 29th day of April, 2019, in the 227th year of the Commonwealth.

Alison Lundergan Grimes
Secretary of State
Commonwealth of Kentucky
215232/0014808

C O M M O N W E A L T H O F K E N T U C K Y

DEPARTMENT OF STATE

Office of SECRETARY OF STATE

Charles K. O'Connel, Secretary

DOMESTIC CORPORATION DEPARTMENT
Non-stock Corporation

I, CHARLES K. O'CONNELL, SECRETARY OF THE STATE OF KENTUCKY, HEREBY CERTIFY THAT ARTICLES OF INCORPORATION OF THE

DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC., Burkesville, Kentucky

HAS THIS DAY BEEN FILED IN MY OFFICE.

IT APPEARING FROM SAID ARTICLES OF INCORPORATION THAT THE SAID CORPORATION HAS NO CAPITAL STOCK, AND NO PRIVATE PECUNIARY PROFIT IS TO BE DERIVED THEREFROM, THE SAID CORPORATION IS NOT REQUIRED BY LAW TO PAY A TAX ON ORGANIZATION: AND IT FURTHER APPEARING THAT THE AFORESAID CORPORATION HAS COMPLIED WITH ALL THE REQUIREMENTS OF THE LAW, THIS CERTIFICATE IS ISSUED AS EVIDENCE OF THE FACT THAT THE SAID CORPORATION IS NOW AUTHORIZED AND EMPOWERED TO DO BUSINESS IN THIS STATE UNDER ITS CHARTER, SUBJECT TO THE RESTRICTIONS IMPOSED BY THE STATUTES OF KENTUCKY.

SEAL

GIVEN UNDER MY HAND AS SECRETARY OF STATE,
this 26th day of May 1954.

Charles K. O'Connell
Secretary of State

by D. R. Davis
Chief Clerk, Corporation Department

ARTICLES OF INCORPORATION OF THE DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.

We, the undersigned, in order to form a corporation for the purpose hereinafter set forth, pursuant to the provisions of Kentucky Revised Statutes Section 279.310, et sequentia, do hereby on this the 24th day of May, 1954, certify as follows:

1. The name of the Corporation is the Duo County Telephone Cooperative Corporation, Inc.

2. The name of the City, County and State in which the principal office or place of business is located is the City of Burkesville, County of Cumberland in the State of Kentucky.

3. The names and addresses of its incorporators are:

John W. Brake	Burkesville, Kentucky
W. C. Stearns	Burkesville, Kentucky
H. P. Thrasher	Ellington, Kentucky
L. A. Miller	Burkesville, Kentucky
Phillip Radcliffe	Amandaville, Kentucky

4. The names and addresses of its trustees are:

L. A. Miller	Burkesville, Kentucky
John W. Brake	Burkesville, Kentucky
H. P. Thrasher	Ellington, Kentucky
Phillip Radcliffe	Amandaville, Kentucky
Kimball Sawyer	Albany, Kentucky
John Davis Mullins	Albany, Kentucky
Charles Futrell	Albany, Kentucky

5. The Corporation, a non-profit cooperative, is formed for the purpose of promoting and encouraging the fullest possible use of telephone service by making facilities for such service available to persons in rural areas at the lowest cost consistent with sound business methods and prudent management, with the general powers enumerated in Section 279.360, Kentucky Revised Statutes.

6. The business of the Corporation shall be managed by a board of seven trustees, each of whom shall be a member of the Cooperative, to be elected in the manner provided by the by-laws adopted by the incorporators.

7. The Corporation is to exist perpetually.

8. The Corporation shall operate throughout the Counties of Cumberland and Clinton in the State of Kentucky, and in such adjacent communities and counties as may be feasible and consistent with the most economical service to its members.

9. The Corporation is a nonstock corporation.

10. The resident agent for the service of process is John W. Brake, Burkesville, Kentucky.

In witness whereof we hereunto subscribe our names this the 24th day of May, 1954.

/s/ L. A. Miller
/s/ John W. Brake
/s/ W. C. Stearns
/s/ Phillip Radcliffe
/s/ H.P. Thrasher

STATE OF KENTUCKY
COUNTY OF CUMBERLAND, SCT.,

I, John S. Cary, a Notary Public in and for the State and County aforesaid, do hereby certify that the foregoing Articles of Incorporation of the DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC., were this day produced to me in said county and state by John W. Brake, W.C. Stearns, H.P. Thrasher, L.A. Miller and Phillip Radcliffe and acknowledged and delivered by said parties to be their act and deed.

WITNESS MY HAND AND SEAL this the 24th day of May, 1954.
My commission expires October 15, 1956.

/s/ John S. Cary
Notary Public, Cumberland County, Ky.

It shall be the aim of

DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.

to provide dependable area-wide telephone service on the cooperative plan and at the lowest cost consistent with sound economy and good management.

BYLAWS

of

DUO COUNTY TELEPHONE COOPERATIVE CORPORATION, INC.

ARTICLE I

MEMBERSHIP

SECTION I. Requirements for Membership. Any person, firm, association, corporation, or body politic or subdivision thereof may become a member of the Duo County Telephone Cooperative Corporation, Inc. (hereinafter called the "Co-op") by:

(a) Making a written application for membership therein;
(b) agreeing to purchase from the Co-op telephone service as hereinafter specified;
(c) agreeing to comply with and be bound by the articles of incorporation and by-laws of the Co-op and any rules and regulations adopted by the board of trustees(hereinafter called the "Board"; and
(d) agreeing to pay the membership fee hereinafter specified on uniform terms and conditions established by the Board;

provided, however, that agreement to pay or payment of the membership fee in accordance with the provisions of these bylaws by a landlord on behalf of an applicant for membership who is a tenant occupying premises owned by such landlord and served by the Co-op shall constitute compliance by such applicant with subdivision (d) of this Section; and provided further, however, that no person, firm, association, corporation or body politic or subdivision thereof, shall become a member unless and until he or it has been accepted for membership by the Board or the members. No member may hold more than one membership in the Co-op, and no membership shall be transferable, except as provided in these bylaws.

Beginning six months after the date of incorporation, all applictions received more than thirty days prior to each meeting of the members which have not been accepted or which have been rejected by the Board shall be submitted by the Secretary to such meeting and, subject to compliance by the applicant with the requirements hereinabove set forth, any such application may be accepted by vote of the members. The secretary shall give each such applicant at least ten days' written notice of the date of the members' meeting to which his application will be submitted and such applicant shall be entitled to be present and heard at the meeting.

SECTION 2. Membership Certificates. Membership in the Co-op shall be evidenced by a membership certificate which shall be in such form and shall contain such provisions as shall be determined by the Board. Such certificate shall be signed by the President and by the Secretary and the corporate seal shall be affixed thereto. No membership certificate shall be issued for less than the membership fee fixed in these bylaws, nor until such membership fee has been fully paid for. In case a certificate is lost, destroyed or mutilated a new certificate may be issued therefor upon such uniform terms and indemnity to the Co-op as the Board may prescribe.

SECTION 3. Joint Membership. A husband and wife may apply for a joint membership and, subject to their compliance with the requirements of Section I of this Article, may be accepted for such membership. The term "member" as used in these bylaws shall be deemed to include a husband and wife holding a joint membership and any provisions relating to the rights and liabilities of membership shall apply equally with respect to the holders of a joint membership. Without limiting the generality of the foregoing, the effect of the hereinafter specified actions by or in respect of the holders of a joint membership shall be as follows:

(a) The presence at a meeting of either or both shall be regarded as the presence of one member and shall constitute a joint waiver of notice of the meeting;
(b) The vote of either separately or both jointly shall constitute one joint vote;
(c) A waiver of notice signed by either or both shall constitute a joint waiver;
(d) Notice to either shall constitute notice to both;
(e) Expulsion of either shall terminate the joint membership;
(f) Withdrawal of either shall terminate the joint membership;
(g) Either but not both may be elected or appointed as an officer or trustee, provided that both meet the qualifications for such office.

SECTION 4. Conversion of Membership. (a) A membership may be converted to a joint membership upon the written request of the holder thereof and the agreement by such holder and his or her spouse to comply with the articles of incorporation, bylaws, and any rules and regulations adopted by the Board. The outstanding membership certificate shall be surrendered, and shall be re-issued by the Co-op in such manner as shall indicate the changed membership status.

(b) Upon the death of either spouse who is a party to the joint membership, such membership shall be held solely by the survivor. The outstanding membership certificate shall be surrendered, and shall be reissued in such manner as shall indicate the changed membership status, provided, however, that the estate of the deceased shall not be released from any debts due the Co-op.

SECTION 5. Membership and Service Connection Fees. The membership fee shall be not less than twenty-five nor more than fifty dollars, upon the payment of which a member shall be eligible for one service connection. Additional fees shall be paid for each additional connection, extension and other available service, in accordance with the rules and regulations prescribed by the Board.

SECTION 6. Purchase of Telephone Service. Each member shall, as soon as telephone service is available, take telephone service from the Co-op to be used on the premises specified in his application for membership, and shall pay therefor monthly at rates which shall from time to time be fixed by the Board; provided, however, that the Board may limit the amount of telephone service which the Co-op shall be required to furnish to any one member. It is expressly understood that amounts paid for telephone service in excess of the cost of service are furnished by members as capital and each member shall be credited with the capital so furnished as provided in these bylaws. Each member shall pay to the Co-op such minimum amount per month for telephone service as shall be fixed by the Board from time to time. Each member shall also pay all amounts owed by him to the Co-op as and when the same shall become due and payable.

SECTION 7. Termination of Membership. (a) Any member may withdraw from membership upon compliance with such uniform terms and conditions as the Board may prescribe. The Board may, by the affirmative vote of not less than two-thirds of all the trustees, expel any member who fails to comply with any of the provisions of the articles of incorporation, bylaws, or any rules or regulations adopted by the Board, but only if such member shall have been given written notice by the Secretary that such failure makes him liable to expulsion and such failure shall have continued for at least ten days after such notice was given. Any expelled member may be reinstated by vote of the Board or by vote of the members at any annual or special meeting. The membership of a member who has not permitted the installation of service with (30) days after he has been notified service is available to him, or of a member who has ceased to purchase telephone service from the Co-op, shall be cancelled by resolution of the Board.

(b) Upon the withdrawal, death, cessation of existence or expulsion of a member the membership of such member shall thereupon terminate, and the membership certificate of such member shall be surrendered forthwith to the Co-op. Termination of membership in any manner shall not release a member or his estate from any debts due the Co-op.

(c) If a membership fee has been paid by a landlord on behalf of his tenant, upon the removal of such tenant from the premises of the landlord, the membership of such tenant shall terminate.

(d) Upon termination of membership for any reason, the Co-op shall not repay to the member or to his landlord, in case the membership fee shall have been paid on behalf of the member by his landlord, the amount of the membership fee paid unless a successor in occupancy or ownership of the premises served by the Co-op shall have been accepted as a member and a membership fee shall have been paid by or on behalf of such successor in accordance with the provisions of these bylaws. Any refund of membership fees pursuant to this subsection shall be made in the order in which memberships shall have been terminated. Prior to the repayment of a membership fee paid by the member, the Co-op shall deduct from the amount of such membership fee the amount of any debts owing from the member to the Co-op.

ARTICLE II

RIGHTS AND LIABILITIES OF MEMBERS

SECTION 1. Property interest of members. Upon dissolution, after (a) all debts and liabilities of the Co-op shall have been paid, (b) all capital furnished through patronage shall have been retired as provided in these bylaws, and (c) all membership fees shall have been repaid, the remaining property and assets of the Co-op shall be distributed among the members and former members in the proportion which the aggregate patronage of each member bears to the total patronage of all such members, unless otherwise provided by law.

SECTION 2. Non-liability for debts of the Co-op. The private property of the members shall be exempt from execution or other liability for the debts of the Co-op and no member shall be liable or responsible for any debts or liabilities of the Co-op.

ARTICLE III

MEETING OF MEMBERS

SECTION I. Annual Meeting. The annual meeting of the members shall be held on the first Tuesday following the first Monday in June of each year, at such place in the County of Cumberland, State of Kentucky, as shall be designated in the notice of the meeting, for the purpose of electing trustees, passing upon reports for the previous fiscal year and transacting such other business as may come before the meeting. It shall be the responsibility of the Board to make adequate plans and preparations for the annual meeting. If the day fixed for the annual meeting shall fall on a Sunday or legal holiday, such meeting shall be held on the next succeeding business day. Failure to hold the annual meeting at the designated time shall not work a forfeiture or dissolution of the Co-op.

SECTION 2. Special Meetings. Special meetings of the members may be called by resolution of the Board, or upon a written request signed by any three trustees, by the President, or by not less than 200 members or ten per centum of all the members, whichever shall be the lesser, and it shall thereupon be the duty of the Secretary to cause notice of such meeting to be given as hereinafter provided. Special meetings of the members may be held at any place within the County of Cumberland, State of Kentucky, specified in the notice of the special meetings.

SECTION 3. Notice of Members' Meetings. Written notice stating the place, day and hour of the meeting and, in case of a special meeting or an annual meeting at which business requiring special notice is to be transacted, the purpose or purposes for which the meeting is called, shall be delivered not less than ten days nor more than twenty days before the date of the meeting, either personally or by mail, by or at the direction of the Secretary, or upon a default in duty by the Secretary, by the persons calling the meeting, to each member. If mailed, such notice shall be deemed to be delivered when deposited in the United States mail, addressed to the member at his address as it appears on the records of the Co-op, with postage thereon prepaid. The failure of any member to receive notice of an annual or special meeting of the

members shall not invalidate any action which may be taken by the members at any such meeting.

SECTION 4. QUORUM. As long as the total number of members does not exceed five hundred, ten per centum of the total number of members present in person shall constitute a quorum. In case the total number of members shall exceed five hundred, fifty members or two per centum of the members present in person, whichever shall be the larger, shall constitute a quorum. If less than a quorum is present at any meeting, a majority of those present in person may adjourn the meeting from time to time without further notice. The minutes of each meeting shall contain a list of the members present in person.

SECTION 5. Voting. Each member shall be entitled to only one vote upon each matter submitted to a vote at a meeting of the members. All questions shall be decided by a vote of a majority of the members voting thereon in person except as otherwise provided by law, the articles of incorporation or these bylaws.

SECTION 6. Order of Business. The order of business at the annual meeting of the members and, so far as possible, at all other meetings of the members, shall be essentially as follows, except as otherwise determined by the members at such meeting;

1. Report on the number of members present in person in order to determine the existence of a quorum.
2. Reading of the notice of the meeting and proof of the due publication or mailing thereof, or the waiver or waivers of notice of the meeting, as the case may be.
3. Reading of unapproved minutes of previous meetings of the members and the taking of necessary action thereon.
4. Presentation and consideration of reports of officers, trustees and committees.
5. Election of trustees.
6. Unfinished business.
7. New business.
8. Adjournment.

ARTICLE IV

TRUSTEES

SECTION 1. General Powers. The business and affairs of the Co-op shall be managed by a board of seven trustees which shall exercise all of the powers of the Co- op except such as are by law, the articles of incorporation or these bylaws conferred upon or reserved to the members.

SECTION 2. Election and Tenure of Office. The persons named as trustees in the articles of incorporation shall compose the Board until the first annual meeting or until their successors shall have been elected and shall have qualified. All trustees shall be elected by secret ballot at each annual meeting of the members beginning with the year 195__ by and from the members to serve until the next annual meeting of the members or until their successors shall have been elected and shall have qualified. If an election of trustees shall not be held on the day designated herein for the annual meeting or at any adjournment thereof, a special meeting of the members shall be held for the purpose of electing trustees within a reasonable time thereafter.

SECTION 3. Qualifications. No person shall be eligible to become or remain a trustee of the Co-op who:

(a) is not a member and is not presently residing in the area served or to be served by the Co-op; or

(b) is in any way employed by or financially interested in a competing enterprise or a business engaged in selling telephone service or supplies, or constructing or maintaining telephone facilities, other than a business operating on a cooperative nonprofit basis for the purpose of furthering rural telephony.

Upon establishment of the fact that a trustee is holding office in violation of any of the foregoing provisions, the Board shall remove such trustee from office.

Nothing contained in this section shall affect in any manner whatsoever the validity of any action taken at any meeting of the Board.

SECTION 4. Nominations. It shall be the duty of the Board to appoint, not less than forty (40) nor more than seventy (70) days before the date of a meeting of the members at which trustees are to be elected, a committee on nominations consisting of not less than five nor more than eleven members who shall be selected from different sections so as to insure equitable representation. No member of the Board may serve on such committee. The committee, keeping in mind the principle of geographical representation, shall prepare and post at the principal office of the cooperative at least thirty (30) days before the meeting a list of nominations for trustees which shall include at least one candidate for each trustee to be elected. Any fifteen or more members acting together may make other nominations by petition not less than twenty (20) days prior to the meeting and the Secretary shall post such nominations at the same place where the list of nominations made by the committee is posted. The Secretary shall mail with the notice of the meeting or separately, but at least ten days before the date of the meeting, a statement of the number of trustees to be elected and the names and addresses of the candidates, specifying separately the nominations made by the committee and the nominations made by petition, if any. The ballot to be used at the election shall list the names of the candidates nominated by the committee and the names of the candidates nominated by

petition, if any. The chairman shall call for additional nominations from the floor and nominations shall not be closed until at least one minute has passed during which no additional nomination has been made. No member may nominate more than one candidate.

SECTION 5. Removal of Trustees by Members. Any member may bring charges against a trustee and, by filing with the Secretary such charges in writing together with a petition signed by at least ten per centum of the members, or two hundred members, whichever is the lesser, may request the removal of such trustee by reason thereof. Such trustee shall be informed in writing of the charges at least ten days prior to the meeting of the members at which the charges are to be considered and shall have an opportunity at the meeting to be heard in person or by counsel and to present evidence in respect of the charges; and the person or persons bringing the charges against him shall have the same opportunity. The question of the removal of such trustee shall be considered and voted upon at the meeting of the members and any vacancy created by such removal may be filled by vote of the members at such meeting without compliance with the foregoing provisions with respect to nominations.

SECTION 6. Vacancies. Subject to the provisions of these bylaws with respect to the filling of vacancies caused by the removal of trustees by the members, a vacancy occurring in the Board shall be filled by the affirmative vote of a majority of the remaining trustees for the unexpired portion of the term, provided, however, that in the event the vacancy is not filled by the Board within sixty (60) days after the vacancy occurs, the members shall have the right to fill such vacancy at a meeting of the members without compliance with the foregoing provisions in respect of nominations.

SECTION 7. Compensation. Trustees shall not receive any salary for their services as trustees, except that by resolution of the Board a fee of not to exceed five (5) dollars and actual expenses of attendance, if any, may be allowed for attendance at each meeting of the Board. No trustee shall receive compensation for serving the Co-op in any other capacity, nor shall any close relative of a trustee receive compensation for serving the Co--op, unless the payment and amount of compensation shall be specifically authorized by a vote of the members or the service by such trustee or close relative shall have been certified by the Board as an emergency measure.

ARTICLE V

MEETINGS OF TRUSTEES

SECTION I. Regular Meetings. A regular meeting of the Board shall be held without notice, immediately after, and at the same place as, the annual meeting of the members. A regular meeting of the Board shall also be held monthly at such time and place in Cumberland County, Kentucky, as the Board may provide by resolution. Such regular monthly meeting may be held without notice other than such resolution fixing the time and place thereof.

SECTION 2. Special Meetings. Special meetings of the Board may be called by the President or by any three trustees, and it shall thereupon be the duty of the Secretary to cause notice of such meeting to be given as hereinafter provided. The President or the trustees calling the meeting shall fix the time and place (which shall be in Cumberland County, Kentucky), for the holding of the meeting.

SECTION 3. Notice of Trustees' Meetings. Written notice of the time, place and purpose of any special meeting of the Board shall be delivered to each trustee not less than five days previous thereto either personally or by mail, by or at the direction of the Secretary, or upon a default in duty by the Secretary, by the President or the trustees calling the meeting. If mailed, such notice shall be deemed to be delivered when deposited in the United States mail addressed to the trustee at his address as it appears on the records of the Co-op, with postage thereon prepaid.

SECTION 4. Quorum. A majority of the Board shall constitute a quorum, provided, that if less than such majority of the trustees is present at said meeting, a majority of the trustees present may adjourn the meeting from time to time; and provided further, that the Secretary shall notify any absent trustee of the time and place of such adjourned meeting. The act of a majority of the trustees present at a meeting at which a quorum is present shall be the act of the Board.

ARTICLE VI

OFFICERS

SECTION 1. Number. The officers of the Co-op shall be a President, Vice President, Secretary, Treasurer, and such other officers as may be determined by the Board from time to time. The offices of Secretary and of Treasurer may be held by the same person.

SECTION 2. Election and Term of Office. The officers shall be elected by ballot, annually by and from the Board at the meeting of the Board held immediately after the annual meeting of the members. If the election of officers shall not be held at such meeting, such election shall be held as soon thereafter as conveniently may be. Each officer shall hold office until the first meeting of the Board following the next succeeding annual meeting of the members or until his successor shall have been elected and shall have qualified. Except as otherwise provided in these by-laws, the vacancy in any office shall be filled by the Board for the unexpired portion of the term.

SECTION 3. Removal of Officers and Agents by Trustees. Any officer or agent elected or appointed by the Board may be removed by the Board whenever in its judgment the best interests of the Co-op will be served thereby. In addition, any member of the Co-op may bring charges against an officer, and by filing with the Secretary such charges in writing together with a petition signed by ten per centum of the members, or two hundred members, whichever is the lesser, may request the removal of such officer.

The officer against whom such charges have been brought shall be informed in writing of the charges at least ten days prior to the board meeting at which the charges are to be considered and shall have an opportunity at the meeting to be heard in person or by counsel and to present evidence in respect of the charges; and the person or persons bringing the charges against him shall have the same opportunity. In the event the board does not remove such officer, the question of his removal shall be considered and voted upon at the next meeting of the members.

SECTION 4. President. The President shall:

(a) be the principal executive officer of the Co-op and, unless otherwise determined by the members or the Board, shall preside at all meetings of the members and the Board;

(b) sign, with the Secretary, certificates of membership, the issue of which shall have been authorized by the Board or the members, and may sign any deeds, mortgages, deeds of trust, notes, bonds, contracts or other instruments authorized by the Board to be executed, except in cases in which the signing and execution thereof shall be expressly delegated by the Board or by these bylaws to some other officer or agent of the Co-op, or shall be required by law to be otherwise signed or executed; and

(c) in general perform all duties incident to the office of President and such other duties as may be prescribed by the Board from time to time.

SECTION 5. Vice President. In the absence of the President, or in the event of his inability or refusal to act, the Vice President shall perform the duties of the President, and when so acting, shall have all the powers of and be subject to all the restrictions upon the President. The Vice President shall also perform such other duties as from time to time may be assigned to him by the Board.

SECTION 6. Secretary. The Secretary shall:

(a) Keep the minutes os the meetings of the members and of the Board in one or more books provided for that purpose;
(b) see that all notices are duly given in accordance with these bylaws or as required by laws;
(c) be custodian of the corporate records and of the seal of the Co-op and affix the seal of the Co-op to all certificates of membership prior to the issue thereof and to all documents, the execution of which on behalf of the Co-op under itsseal is duly authorized in accordance with the provisions of these bylaws;
(d) keep a register of the names and post office addresses of all members;
(e) sign, with the President, certificates of membership, the issue of which shall have been authorized by the Board or the members;
(f) have general charge of the books of the Co-op;
(g) keep on file at all times a complete copy of the articles of incorporation and bylaws of the Co-op containing all amendments thereto (which copy shall always be open to

the inspection of any member) and at the expense of the Co-op, forward a copy of the bylaws and of all amendments thereto to each member; and

(h) in general perform all duties incident to the Office of Secretary and such other duties as from time to time may be assigned to him by the Board.

SECTION 7. Treasurer. The treasurer shall:

(a) have charge and custody of and be responsible for all funds and securities of the Co-op;
(b) be responsible for the receipt of and the issuance of receipts for all moneys due and payable to the Co-op and for the deposit of all such moneys in the name of the Co-op in such bank or banks as shall be selected in accordance with the provisions of these bylaws; and
(c) in general perform all the duties incident to the office of treasurer and such other duties as from time to time may be assigned to him by the Board.

SECTION 8. Manager. The Board may appoint a manager who may be, but who shall not be required to be, a member of the Co-op. The manager shall perform such duties and shall exercise such authority as the Board may from time to time vest in him.

SECTION 9. Bonds of Officers. The Treasurer and any other officer or agent of the Co-op charged with responsibility for the custody of any of its funds or property shall give bond in such sum and with such surety as the Board shall determine. The Board in its discretion may also require any other officer, agent or employee of the Co-op to give bond in such amount and with such surety as it shall determine.

SECTION 10. Compensation. The powers, duties and compensation of officers, agents and employees shall be fixed by the Board, subject to the provisions of these bylaws with respect to compensation for trustees and close relatives of trustees.

SECTION 11. Reports. The officers of the Co-op shall submit at each annual meeting of the members reports covering the business of the Co-op for the previous fiscal year. Such reports shall set forth the condition of the Co-op at the close of such fiscal year.

ARTICLE VII

NON-PROFIT OPERATION

SECTION 1. Interest or Dividends on Capital Prohibited. The Co-op shall at all times be operated on a cooperative non-profit basis for the mutual benefit of its patrons. No interest or dividends shall be paid or payable by the Co-op on any capital furnished by its patrons.

SECTION 2. Patronage Capital in Connection with Furnishing Telephone Service. In the furnishing of telephone service the Co-op's operations shall be so conducted that all patrons will through their patronage furnish capital for the Co-op. In order to induce patronage and to assure that the Co-op will operate on a non-profit basis the Co-op is obligated to account on a patronage basis to all its patrons for all amounts received and receivable from the furnishing of telephone service in excess of operating costs and expenses properly chargeable against the furnishing of telephone service. All such amounts in excess of operating costs and expenses at the moment of receipt by the Co-op are received with the understanding that they are furnished by the patrons as capital. The Co-op is obligated to pay by credits to a capital account for each patron all such amounts in excess of operating costs and expenses. The books and records of the Co-op shall be set up and kept in such a manner that at the end of each fiscal year the amount of capital, if any, so furnished by each patron is clearly reflected and credited in an appropriate record to the capital account of each patron, and the Co-op shall within a reasonable time after the close of the fiscal year notify each patron of the amount of capital so credited to his account. All such accounts credited to the capital account of any patron shall have the same status as though they had been paid to the patron in cash in pursuance of a legal obligation to do so and the patron had then furnished the Co-op corresponding amounts for capital.

In the event of dissolution or liquidation of the Co-op, after all outstanding indebtedness of the Co-op shall have been paid, outstanding capital credits shall be retired without priority on a pro rata basis before any payments are made on account of property rights of members. If, at any time prior to dissolution or liquidation, the Board shall determine that the financial condition of the Co-op will not be impaired thereby, the capital then credited to patrons' accounts may be retired in full or in part. Any such retirements of capital shall be made in order of priority according to the year in which the capital was furnished and credited, the capital first received by the Co-op being the first retired. (In no event, may any such capital be retired unless, after the proposed retirement, the capital of the Co-op shall equal at least forty per centum (40%) of the total assets of the Co-op.) Capital credited to the account of each patron shall be assignable only on the books of the Co-op, pursuant to written instruction from the assignor and only to successors in interest or successors in occupancy in all or a part of such patron's premises served by the Co-op unless the Board, acting under policies of general application, shall determine otherwise.

Notwithstanding any other provision of these bylaws, the Board, at its discretion, shall have the power at any time upon the death of any patron, if the legal representatives of his estate shall request in writing that the capital credited to any such patron be retired prior to the time such capital would otherwise be retired under the provisions of these bylaws, to retire capital credited to any such patron immediately upon such terms and conditions as the Board, acting under policies

of general application, and the legal representatives of such patron's estate shall agree upon; provided, however, that the financial condition of the Co-op will not be impaired thereby.

The patrons of the Co-op, by dealing with the Co-op, acknowledge that the terms and provisions of the articles of incorporation and bylaws shall constitute and be a contract between the Co-op and each patron, and both the Co-op and the patrons are bound by such contract, as fully as though each patron had individually signed a separate instrument containing such terms and provisions. The provisions of this article of the bylaws shall be called to the attention of each patron of the Co-op by posting in a conspicuous place in the Co-op's office.

ARTICLE VIII

DISPOSITION OF PROPERTY

The Co-op may not sell, mortgage, lease or otherwise dispose of or encumber all or any substantial portion of its property unless such sale, mortgage, lease or other disposition or encumbrance is authorized at a meeting of the members thereof by the affirmative vote of not less than two-thirds of all of the members of the Co-op, and unless the notice of such proposed sale, mortgage, lease or other disposition or encumbrance shall have been contained in the notice of the meeting; provided, however, that notwithstanding anything herein contained, the Board, without authorization by the members thereof, shall have full power and authority to authorize the execution and delivery of a mortgage or mortgages or a deed or deeds of trust upon, or the pledging or encumbering of, any or all of the property, assets, rights, privileges, licenses, franchises and permits of the Co-op, whether acquired or to be acquired, and wherever situated, as well as the revenues and income therefrom, all upon such terms and conditions as the Board shall determine, to secure any indebtedness of the Co-op to United States of America or any instrumentality or agency thereof; provided further that the Board may upon the authorization of a majority of those members of the Co-op present at a meeting of the members thereof, sell, lease, or otherwise dispose of all or a substantial portion of its property to another Co-op or foreign corporation doing business in this State pursuant to the Act under which this Co-op is incorporated.

ARTICLE IX

SEAL

The corporate seal of the Co-op shall be in the form of a circle and shall have inscribed thereon the name of the Co-op and the words "Corporate Seal (Name of the State)".

ARTICLE X

FINANCIAL TRANSACTIONS

SECTION 1. Contracts. Except as otherwise provided in these bylaws,

affairs of the Co-op.

SECTION 4. Accounting System and Reports. The Board shall cause to be established and maintained a complete accounting system which, among other things, and subject to applicable laws and rules and regulations of any regulatory body, shall conform to such accounting system as may from time to time be designated by the Administrator of REA of the United States of America. The Board shall also after the close of each fiscal year cause to be made a full and complete audit of the accounts, books and financial condition of the Co-op as of the end of such fiscal year. Such audit reports shall be submitted to the members at the next following annual meeting.

ARTICLE XII

AMENDMENTS

These bylaws may be altered, amended or repealed by the trustees at any regular or special meeting, provided the notice of such meeting shall have contained a copy of the proposed alteration, amendment or repeal.

We, the undersigned, incorporators of the Duo County Telephone Cooperative Corporation, Inc., do hereby certify that we have pursuant to KRS 279.370 adopted the foregoing bylaws, consisting of twelve pages and twelve articles, as the bylaws of said Corporation.

This 24th day of May, 1954.

/s/ John W. Brake

/s/ L. A. Miller

/s/ Philip Radcliffe

/s/ H. P. Thrasher

/s/ W. C. Stearns

Account Information

Legal Name of Applicant	Duo County Telephone Cooperative Corporation, Inc.
Common Name of Applicant	
Applicant's Tax Identification Number	610529587
Applicant's Cage Code	1GMU6
Applicant's Duns Number	009856659

Physical Address of Applicant

Street1	2150 NORTH MAIN ST
Street2	
City	JAMESTOWN
State	Kentucky
Zip Code	42629

Correspondence Address of Applicant

Street1	P.O. Box 80
Street2	
City	JAMESTOWN
State	Kentucky
Zip Code	42629

Applicant's Business Phone Number	2703433131

Eligible Entity Type	Cooperative or mutual organizations

Civil Right Status *	Not Applicable

Applicant's Headquarters Congressional District *	KY-01

Is the Applicant Regulated by a Public Utilities Commission? *	Yes

Is the Applicant required to file an EEO-1 Report? *	No

Is applicant a start-up operation formed from partnerships of existing utility providers? *	No

Partner Details

Partner Name
No Records Found.

Parent Details

Does the applicant have a Parent Company?	No

Affiliate Details

Affiliate Name	Services Provided
No Records Found.	

Does the applicant have any financial or operational relationship with any other affiliated companies?These dealings could be in the form of the sharing of assets or staff or providing services to and/or relying on services from an affiliated company.	No

Subsidiary Details

Subsidiary Name	Services Provided
Cumberland Celluar, Inc.	CLEC - voice, video, broadband

Does the applicant have a subsidiary?	Yes

Does the applicant rely on services and/or employees of the above subsidiary?	No

Account Documents

Section	Document Type	Description	File Name	User	Date/Time
Account Information	Applicant's Audited Financial Statements for 2 previous years	Audited Financial Statements - 2016-2017 and 2017-2018	Duo County Telephone Audited Financial Statements - 2016-2017 and 2017-2018.pdf	James Chase	Apr 29, 2019, 15:09
Account Information	Articles of Incorporation	Duo Co Articles of Incorporation	Articles of Incorporation.pdf	James Chase	Apr 29, 2019, 15:13
Account Information	Board of Directors	Duo County - Board of Directors	Duo County - Board of Directors Bios.pdf	James Chase	May 12, 2019, 11:36
Account Information	Broadband Operations Experience	Duo Co - Broadband Operations Experience	Duo County - Broadband Operations Experience.pdf	James Chase	May 14, 2019, 13:12
Account Information	Bylaws	Duo County Bylaws	Duo Co Bylaws.pdf	James Chase	Apr 29, 2019, 15:17
Account Information	Evidence of Good Standing with the Secretary of State	Duo County - Evidence of Good Standing with Sec of State	Duo County - Certificate of Good Standing.pdf	James Chase	May 12, 2019, 11:41
Account Information	Evidence of Legal Authority to Enter into an Agreement with the Federal Government	Duo Co - Evidence to enter into contract with federal government	Duo Co - Evidence of Legal Authority to Enter into an Agreement with the Federal Government.pdf	James Chase	May 14, 2019, 13:06
Account Information	Evidence of Legal Capacity and Authority to Own and Operate Proposed Broadband Facilities	Duo Co - Evidence of Authority to Own and Operate Proposed Broadband	Duo Co - Evidence of Legal Capacity and Authority to Own and Operate Propsed Broadband Facilities.pdf	James Chase	May 14, 2019, 13:07
Account Information	Legal Opinion	Duo County - Legal Opinion	Duo County - Legal Opinion.pdf	James Chase	May 12, 2019, 11:38
Account Information	Management Experience and Compensation	Duo County - Management Experience	Duo County - Key Management Experience.pdf	James Chase	May 12, 2019, 11:52
Account Information	Organizational Chart	Duo County - Org Charts	Duo County - Organization Charts.pdf	James Chase	May 12, 2019, 11:45
Account Information	PUC Approved Depreciation Rates	Duo County - PSC Approved Depreciation Rates	Duo County - PSC Approved Depreciation Rates.pdf	James Chase	May 12, 2019, 11:27

Section	Document Type	Description	File Name	User	Date/Time
Account Information	Resumes of Key Management	Duo Co - Resumes of Key Management	Duo County - Key Management Resumes.pdf	James Chase	May 14, 2019, 13:08
Account Information	Subsidiary's Historical Financial Statements for 2 previous years	Duo County's Subsidiary Financial Statement Reference	Duo Co - Subsidiary Financial Statements Page Reference.pdf	James Chase	May 14, 2019, 13:34
Account Information	Subsidiary's Organizational Chart	Duo County Subsidiary Org Chart	Duo County - Organization Charts.pdf	James Chase	May 14, 2019, 13:37

RUS Details

Name	RUS ID
Duo County Telephone Cooperative Corporation, Inc. (KY0530)	KY0530
Duo County Telephone Cooperative Corporation, Inc. (null)	

Project Information

Application Name	101000032
Description of Project	Duo County's ReConnect project proposes to build a fiber-to-the-home network to the proposed funded service areas which will provide broadband service with the capability to provide up to 1Gbps / 1Gbps service. This project will allow customers, business, and farmers in these rural and remote areas to have world-class broadband service. The project will also include a fully-redundant fiber ring to deliver the traffic to and from the Internet.
Funding Type	100% Grant
Application Year	2019
Technology Type	Fiber-to-the-Premises
Does the applicant have unadvanced loan funds from prior RUS loans that will be expended during the 5-year buildout period?	No
Is the applicant planning to invest any funds in the Non-Funded Service Area during the 5-year buildout period?	Yes
Is the applicant requesting SUTA consideration?	No
Is the applicant proposing services on a Tribal Land?	No

Executive Summary

Detailed Description of Existing Operations	Duo County Telephone Cooperative Corporation ("Duo County") and its subsidiaries provide telecommunications, broadband, and video services serving individuals, farmers and businesses within all or parts of Adair County, Casey County, Cumberland County, and Russell County, Kentucky. Duo County is a rural incumbent local exchange carrier ("ILEC") that was established in 1954 as a member-owned cooperative to provide local telephone service to businesses and individual customers within the Kentucky exchanges of Burkesville Rural, Fairplay, Jamestown, and Russell Springs. Today, Duo County provides voice and broadband services to approximately 8,416 residential customers and 1,687 business lines. Duo County also provides video service to approximately 3,600 customers through its subsidiary Cumberland Cellular, Inc. ("CCI"). As an ILEC, Duo County is an eligible telecommunications carrier in the communities it serves and is also the carrier of last resort in its service territory. Over the past several years, the telecommunication's need of Duo County's members have changed. Customers now require faster access to the Internet and better broadband service. To meet these needs, Duo County has steadily added services and upgraded its network. In 1992, Duo County added dial up ISP service, and in 1995 Duo was an early adopter of DSL technology to allow great improvements in broadband speeds to its customers. Duo County understands the importance of reliable high-speed broadband for education, agriculture and economic development in the rural communities it serves. Duo County is committed to provide the best possible telecommunications to its members where economically feasible. Today, Duo County continues to improve its network that passes over 7,500 premises with fiber-to the-home technology ("FTTH"). Duo County's FTTH network is currently capable of providing 1 Gig speeds and has the ability in the future to support more bandwidth by upgrading electronics. Duo County began to expand its network using FTTH technology in 2009 and continues this network build-out today with over 2,500 miles of fiber in place which covers approximately 51% of all the service locations in its service area. The other 49% of locations are served with DSL technology. Duo County uses both DSL and FTTH loop plant to provide service its customers. For the DSL plant Duo County has placed 74 remote electronic sites throughout its service area. All the remote electronics are served with fiber. The coverage of a single remote-electronic site covers on average 4.9 square miles and 228 households. Duo County's remote placement is such that, on average, the furthest household is 1.7 miles from a remote electronic site. However, some loops are 4 times that distance. This service platform and system design allows Duo County to serve 99% of its service area with a minimum available level of 4 Mbps downstream and 1 Mbps upstream and a maximum speed of 8 Mbps. To improve these speeds Duo County is placing FTTH as a better long-term investment rather than placing more remote sites and shortening copper loops. Duo County's FTTH loop network uses an active-ethernet optical network design with 1 fiber in the drop to the premise. The fiber network has no splitters in the outside plant. Therefore, customers are connected directly with the electronics located at the remote location. Duo County's DSL and FTTH digital broadband technologies have been available to area schools, workplaces and residences long before it was available in most Kentucky communities. Duo County currently has two (2) broadband connections to the Internet. The connections are via 100 Gig diverse fiber ring which connects to ISP Hubs in Bowling Green and Elizabethtown, Kentucky. Duo County has deployed an existing network of routers in the towns of Russell Spring and Columbia, Kentucky, via a collapsed fiber ring. In the proposed transport network, a ring of 100 Gig routers will be placed in the remotes of Antioch Church, Burkesville, Forest Cottage and Freedom to complete the diverse fiber backbone ring. Duo County also has a Metaswitch softswitch which handles all of the voice traffic. The switch is connected to 7,956 LECs and CLECs voice customers.
Discussion about Key Management	Over the past ten years, Duo County has successfully converted over 6,000 premises to fiber-to-the-home, placed over 2,500 miles of fiber cable, upgraded their ISP backbone, replaced their switching, and upgraded their video headend. The current annual construction budget for the company is approximately $25,000,000 per year which is significantly higher than the estimated annual CAPEX amount under the proposed grant request. Our projects have come in on time and on budget. Duo is a RUS borrower and is familiar with the RUS work order process, funding requests and fund distribution requirements. In addition, in keeping with the cooperative culture, Duo has just completed its 30th consecutive year of returning patronage dividends to its members. The management team knows their rolls in delivering a world class network and keeping the finances strong. Thomas E. Preston is Executive-Vice President and Chief Executive Officer of Duo County Telephone Cooperative Corporation, Inc. Mr. Preston has over twenty years of executive experience in the telecommunications industry and serves on numerous national and state industry association boards. Mr. Preston has been with Duo County for over eight years serving in his current position as CEO and was CEO of another rural telecommunications provider for 12 years prior to joining to Duo County. He is responsible for all aspects of Duo County and all its subsidiary business operations including 48 employees and an approved $25,000,000 capital budget for 2019. He reports to a board of directors and carries out their policy directives. Duo County has a growing subsidiary (Cumberland Cellular Inc.) that owns a CATV company, an expanding CLEC FTTH operation, and ownership interest in one of the largest regional wireless carriers in the country (Bluegrass Cellular). He represents Duo County with full

	authority of the corporation in all subsidiary operations decisions and ownership interest decisions. Mr. Preston holds a bachelor's degree in business administration from the University of Kentucky. Daryl L. Hammond is Vice-President/Chief Financial Officer of Duo County Telephone Corporation, Inc. where he has extensive experience in the telecommunications industry in the areas of regulatory, financial and customer operations. He has been at Duo County for 35 years serving in his current position for the last 20 years. Mr. Hammond oversees all aspects of financial and tax reporting, federal and state regulatory compliance for Duo County and subsidiaries with consolidated assets of $170 million dollars and annual revenues of nearly $23 million dollars. In addition, Mr. Hammond is responsible for long-range financial forecasting and modeling; tax compliance and tax strategies, marketing and sales programs for voice, video and broadband; customer facing operations for multiple customer care centers; management of investment portfolios for Duo County and subsidiaries; regulatory and tariff compliance for Federal Communications Commission, Kentucky Public Service Commission and local franchise authorities. Mr. Hammond is a Certified Public Accountant and holds a Bachelor of Science Degree in Accounting and a master's in business administration (MBA) from the University of Kentucky. Mark Henry serves as Vice President of Operations for Duo County Telephone Corporation, Inc. where he has over 34 years of experience in telecommunications engineering design and operations of which 26 years have been with Duo County Telephone Corporation, Inc. Mr. Henry is currently responsible for managed engineering and operations, including Central Office, IT/LAN, Engineering, Outside Plant construction and including customer service issues. In addition, he manages annual expense and capital budget of approximately $25 million a year which is significantly greater than annual ReConnect project. He engineered and designed fiber-to-the-home networks including Core network elements, Internet delivery, voice switching platforms and video delivery systems; managed network upgrades to two different switching systems; designed and rebuild two different, analog/digital coaxial network, adding over 200 additional channels, cable modem, and digital (VOIP) phone service; redesigned video head end, from the ground up; designed and sold Centrex/Hosted IP PBX systems; implemented CID on IPTV and Motorola DAC digital TV systems; and finally he supervised construction of Duo County's new headquarters building in Jamestown and Columbia, KY. Prior to joining Duo County, Mr. Henry worked for eight years as a consultant engineer for Ladd Engineering, a telecommunications engineering firm in Alabama and Lexington, KY. He is a Professional Engineer in Kentucky and Tennessee and holds a Bachelor of Science degree in Electrical Engineering from the University of Kentucky.
Description of the Company's Workforce	Duo County has been fortunate to attract and maintain a reliable and stable workforce consisting of 46 employees with an average of over 16 years industry experience. Turnover is basically nonexistence because Duo County is a progressive company that challenges employees with new opportunities and because employees take great pride in their jobs and serving the members of the cooperative. The company supports training for staff in technical and administrative soft skills and provides training opportunities to staff. Also, a large number of the staff have college or technical school degrees providing a well-trained and stable work force. Of the 46 employees, 10 are in Customer service, 2 are marketing and sales, 28 are in plant maintenance, repair and installation, and 6 are in corporate operations such as accounting, regulatory, and executive. In order to be as cost efficient as possible with our network design, we currently have five consulting engineers under contract from a well-established engineering consulting firm. This approach provides us access to specialized engineering talent on an as-needed basis without incurring fixed overhead cost when their services are not needed. In addition to our own capable staff, we utilize outside contractors as needed for major construction contracts and have had relationships with RUS approved contractors for over 30 years. Duo County does all its accounting processes internally and is audited annually by an outside auditing firm. John Staurulakis, Inc. ("JSI") performs their toll cost study and supports regulatory compliance.
Description of interaction between any parent, subsidiary or affiliate operation	As shown in our organizational structure chart, Duo County Telephone Cooperative and its subsidiaries provide telecommunications services such as voice, broadband, and video to members and non-members in south-central Kentucky. The subsidiaries were established to satisfy requirements from Kentucky Public Service Commission to separately account for wireless investments as well as other investment opportunities outside of the regulated operations. Duo County provides managerial, customer care, billing and installation services for the subsidiaries at market rates. The subsidiaries do not provide any services to Duo County. Duo County follows FCC Part 32 Uniform System of Accounts in recording investments, expenses and revenues. Duo County directly assign cost to regulated and non-regulated services and entities and allocate any common cost using a KY Public Service Commission cost allocation manual. Any services or support provided to related entities are charged at market rates under approved agreements or cost allocation manuals.
Detailed description of the proposed project	Duo County has several very rural and remote areas within its existing ILEC service area where it cannot provide broadband service at 10 Mbps / 1 Mbps. There are over a hundred proposed funded service areas ("PSFAs") that are at the end of routes that don't have 10/1 and these areas are very expensive to buildout due to the low density and long loops. There are no competitors in these PFSAs that provide 10/1 service and so 100% of the PFSA lack sufficient access to broadband. Duo County's ReConnect project proposes to build a fiber-to-the-home network to these PFSAs which will provide broadband service with capability to provide up to 1Gbps / 1Gbps service. This project will allow customers, business, and farmers in these rural and remote areas to have world-class broadband service. Duo County has attached a letter of support from US Congressman James Comer to the application. The project will also include a fully-redundant fiber ring to deliver the traffic to and from the Internet. In the proposed transport network, a ring of 100 Gig routers will be placed in the remotes of Antioch Church, Burkesville, Forest Cottage and Freedom. The outside plant cable will be both buried and aerial and will be placed in the public right-of-way. Other equipment locations will be in mostly existing buildings, with 2 new building locations adjacent to existing cabinet remotes, so there will be little if any environmental impact. The overall cost of the ReConnect project in the proposed funded service area is $24,902,037. The amount of funding requested in the form of a grant is $18,676,527.75 with Duo County providing 25% of the total project cost in the amount of $6,225,509. Duo County will hire a consulting engineer to preform engineering services, such as cable staking, right of way acquisition, construction supervision, etc. Duo County will also hire contractors to build the outside plant. Duo County's staff engineers will perform overall project management and monitor the progress of the project. The project will be built over a five-year period starting in Year 1 (2020) with an estimated annual capital investment of nearly $6.3 million dollars to cover the engineering, right-of-way, material, and backbone costs. For years 2-5, the annual capital investment will average over $4.6 million dollars for the build of the last mile in each of the PSFAs. When fully constructed, the proposed project will provide access to Gigabit broadband for 1,245 homes.

Required Level Of National Environmental Policy Act (NEPA) Review

Is the proposed action one that Rural Development has identified as requiring an Environmental Impact Statement (EIS) (see 7CFR1970.151) or has an EIS been prepared due to the involvement of another federal agency?	No
Is the proposed action one that Rural Development has identified as requiring an Environmental Assessment (EA) (see 7CFR1970.101) or has an EA been prepared due to the involvement of another federal agency?	No

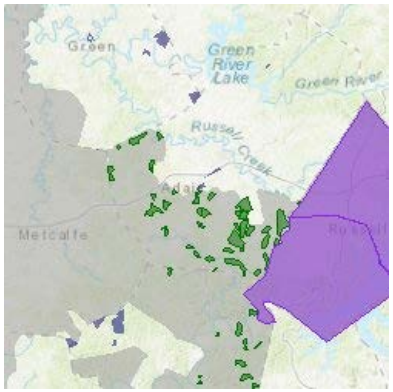
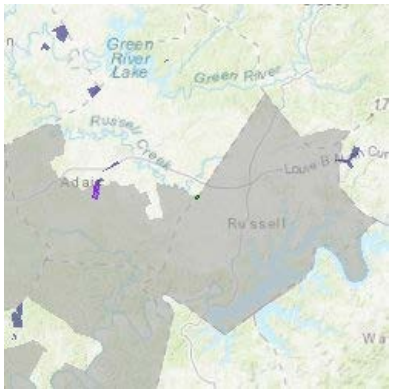
Project Information Documents

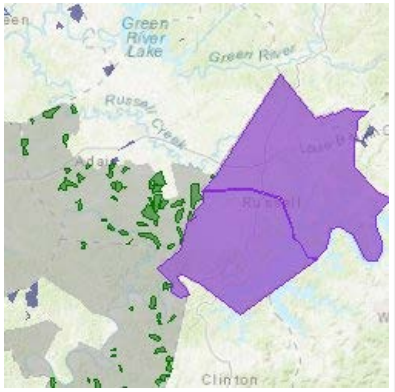
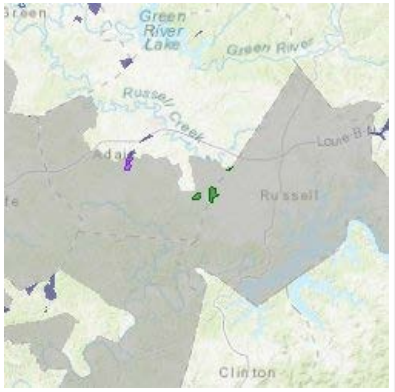
Section	Document Type	Description	File Name	User	Date/Time
Project Information	Funding Request Resolution	Resolution from Board	Resolution - ReConnect Loan Grant Program.pdf	Mark Henry	May 21, 2019, 10:15
Project Information	Maps	PFSAs in Adair County KY	Reconnect County Map - Adair (002).pdf	Mark Henry	May 21, 2019, 10:12
Project Information	Maps	PFSAs in Cumberland County Ky	Reconnect County Map - Cumberland.pdf	Mark Henry	May 21, 2019, 10:13

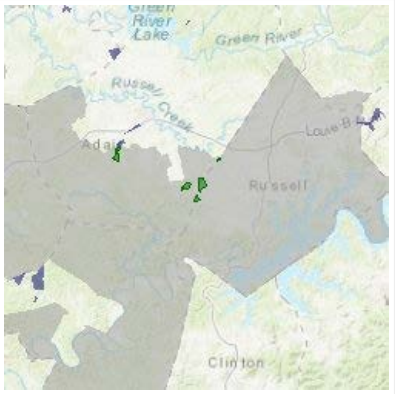
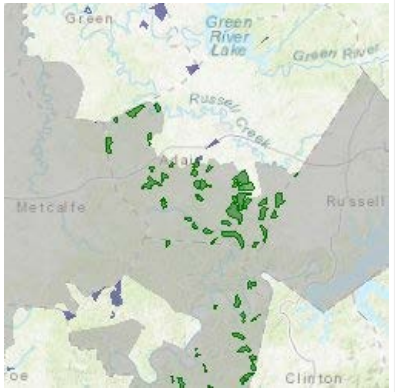
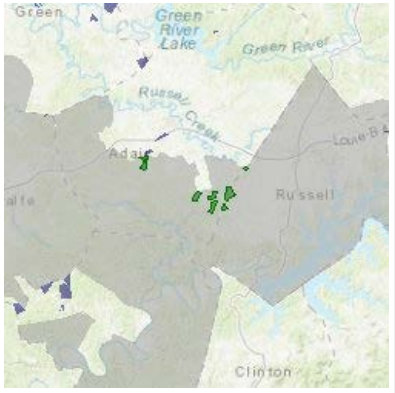
Section	Document Type	Description	File Name	User	Date/Time
Project Information	Other	Letter from Member of Congress James Comer	Reconnect James Comer letter.pdf	Mark Henry	May 21, 2019, 10:08
Project Information	State-funded Areas Certification & Map of Service Area	Letter from Governor	Reconnect Letter from the Governor.pdf	Mark Henry	May 21, 2019, 10:05

Note: This section includes attachments.

Service Areas

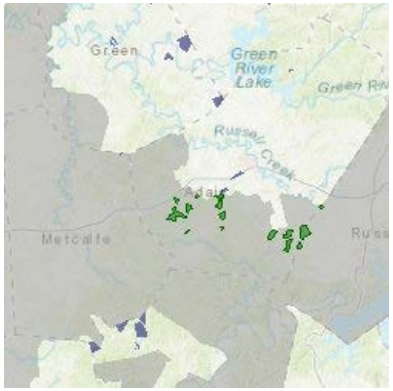
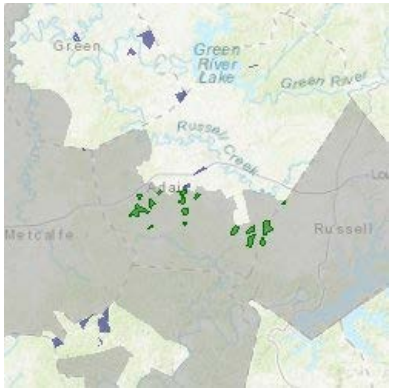
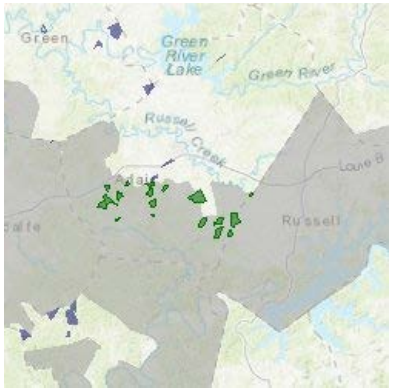
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Antioch Church 01	Proposed Funded	Existing	0.85	128	54	65	54	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Glensfork 1	Proposed Funded	Existing	0.07	25	9	10	9	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

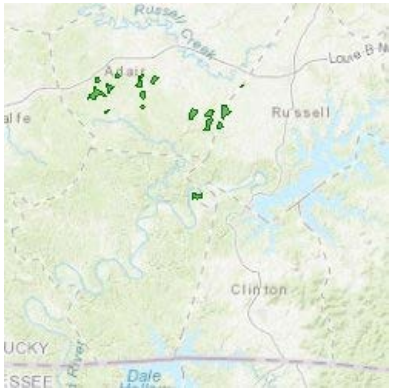
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Glensfork 2	Proposed Funded	Existing	3.15	124	45	52	45	100.00%	Kentucky	KY-01	Russell County, Kentucky; Adair County, Kentucky		
Glensfork 3	Proposed Funded	Existing	0.61	175	74	81	74	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Antioch Church 2	Proposed Funded	Existing	0.50	112	49	57	49	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Glensfork 4	Proposed Funded	Existing	0.38	93	40	45	40	100.00%	Kentucky	KY-01	Russell County, Kentucky; Adair County, Kentucky	Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky; Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Antioch Church 03	Proposed Funded	Existing	0.09	126	59	75	59	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Glensfork 6	Proposed Funded	Existing	0.70	120	49	55	49	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Antioch Church 04	Proposed Funded	Existing	0.06	127	51	59	51	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

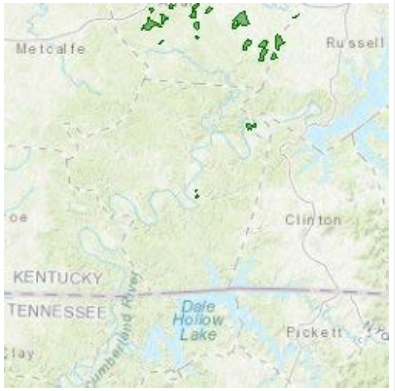
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Antioch Church 5	Proposed Funded	Existing	1.48	381	150	172	150	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Antioch Church 6	Proposed Funded	Existing	0.27	170	65	76	65	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Antioch Church 7	Proposed Funded	Existing	0.54	171	66	77	66	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Antioch Church 8	Proposed Funded	Existing	0.19	170	65	76	65	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Fairplay 2	Proposed Funded	Existing	0.33	37	17	18	17	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Fairplay 3	Proposed Funded	Existing	2.08	208	89	93	89	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

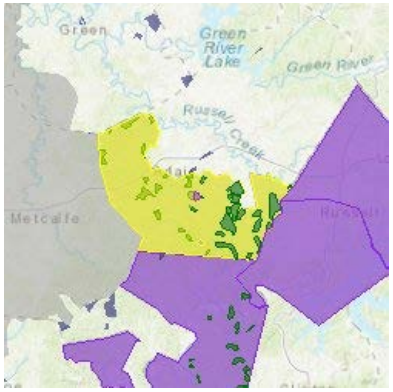
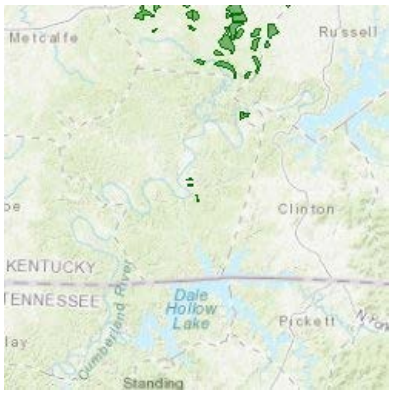
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 10	Proposed Funded	Existing	0.59	16	9	12	9	100.00%	Kentucky	KY-01	Russell County, Kentucky; Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky; Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky	
Fairplay 4	Proposed Funded	Existing	0.31	89	38	40	38	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Ernest Anderson 1	Proposed Funded	Existing	0.05	156	66	77	66	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

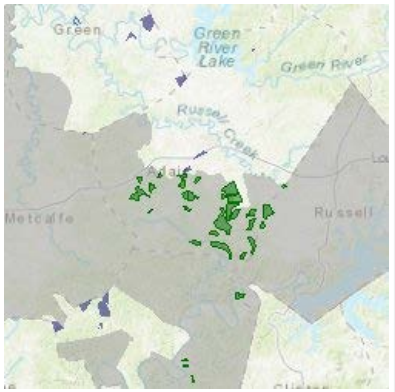
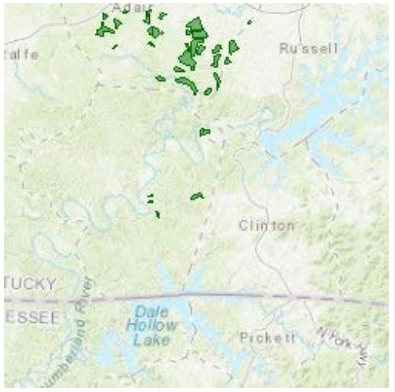
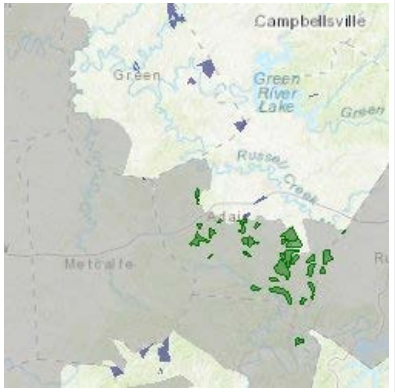
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 7	Proposed Funded	Existing	0.30	82	32	41	32	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Fairplay 8	Proposed Funded	Existing	2.70	103	43	55	43	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

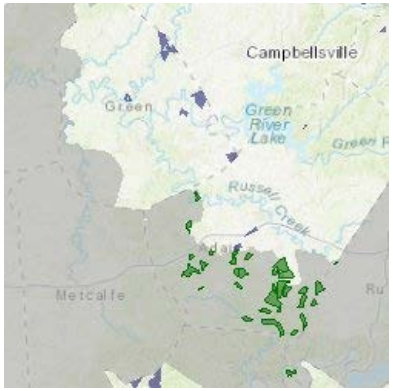
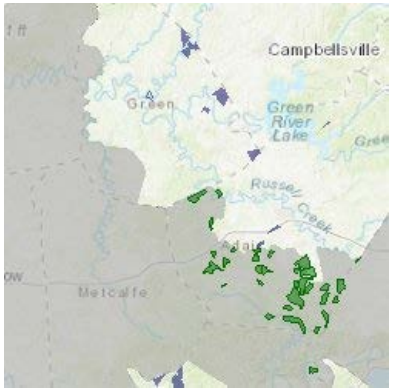
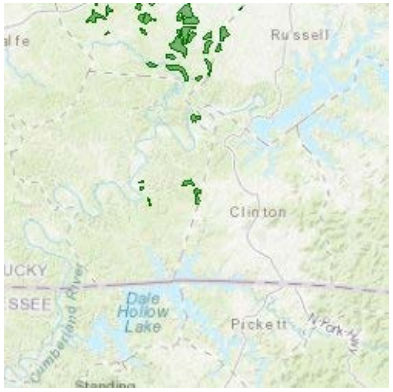
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 9	Proposed Funded	Existing	1.79	197	83	119	83	100.00%	Kentucky	KY-01	Cumberland County, Kentucky; Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Fairplay 10	Proposed Funded	Existing	0.34	87	32	53	32	100.00%	Kentucky	KY-01	Cumberland County, Kentucky; Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Fairplay 11	Proposed Funded	Existing	0.12	130	51	79	51	100.00%	Kentucky	KY-01	Russell County, Kentucky; Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky	

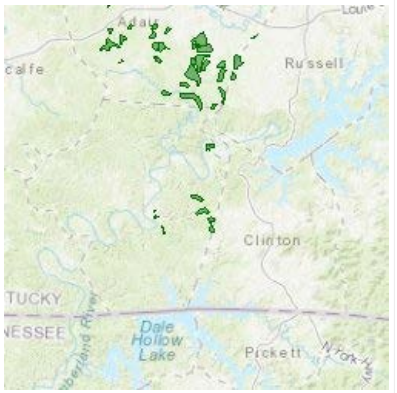
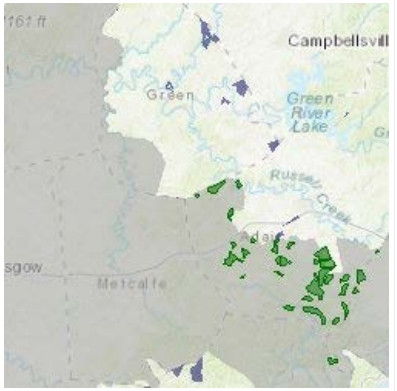
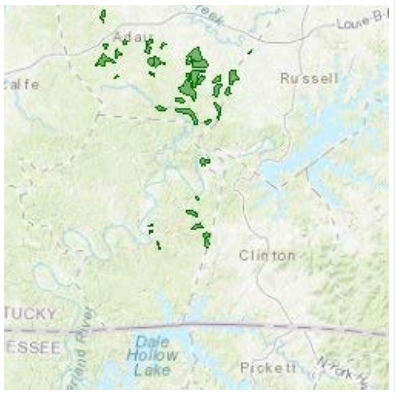
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 12	Proposed Funded	Existing	0.57	215	91	123	91	100.00%	Kentucky	KY-01	Russell County, Kentucky; Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky	
Ernest Anderson 2	Proposed Funded	Existing	0.10	27	9	9	9	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Fairplay 14	Proposed Funded	Existing	0.46	97	42	52	42	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

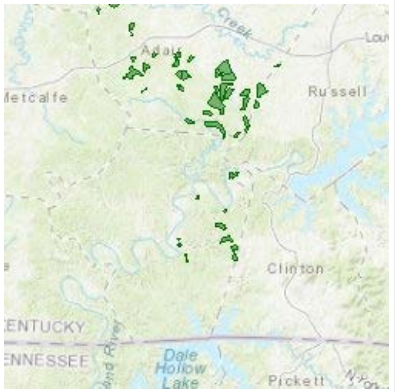
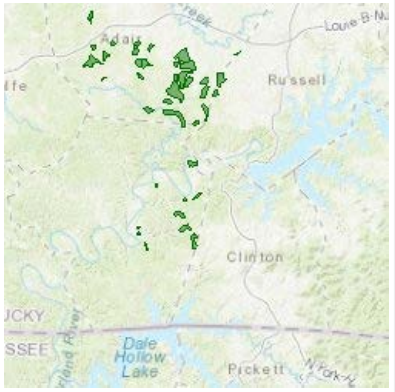
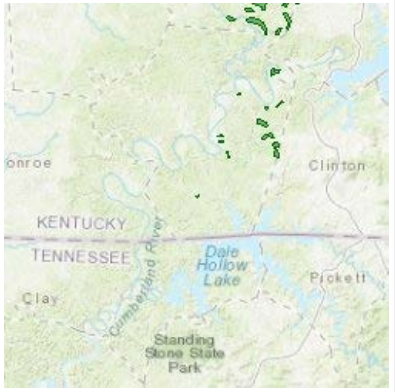
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 15	Proposed Funded	Existing	0.47	195	85	111	85	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

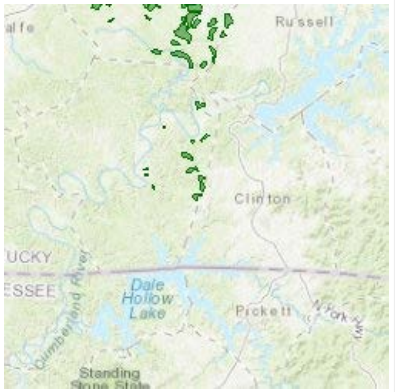
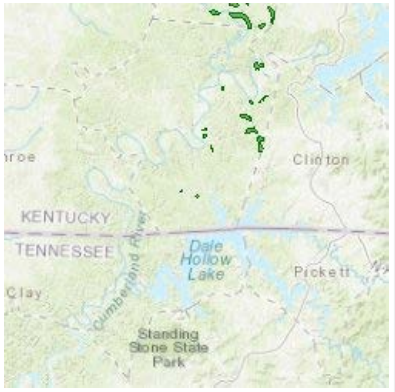
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 13	Proposed Funded	Existing	0.18	126	59	75	59	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Fariplay 16	Proposed Funded	Existing	0.81	126	59	71	59	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Ernest Anderson 3	Proposed Funded	Existing	0.08	175	69	96	69	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

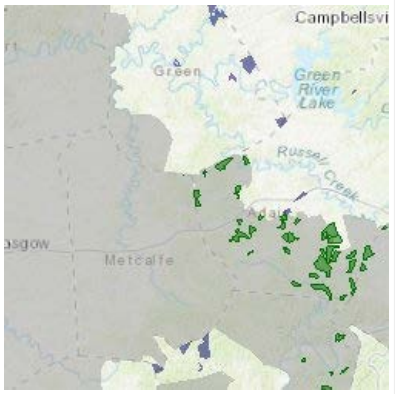
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 1	Proposed Funded	Existing	0.06	100	42	52	42	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Ernest Anderson 4	Proposed Funded	Existing	0.68	152	64	71	64	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Antioch Church 09	Proposed Funded	Existing	0.46	287	99	116	99	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

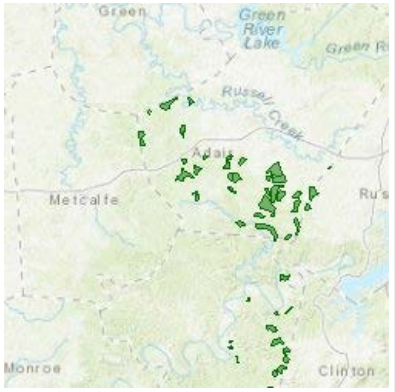
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Antioch Church 10	Proposed Funded	Existing	0.39	98	41	51	41	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Antioch Church 11	Proposed Funded	Existing	1.29	238	85	104	85	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Ernest Anderson 5	Proposed Funded	Existing	0.89	43	20	23	20	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 6	Proposed Funded	Existing	0.68	86	40	53	40	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Antioch Church 12	Proposed Funded	Existing	0.12	45	14	19	14	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Ernest Anderson 7	Proposed Funded	Existing	0.11	85	37	51	37	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

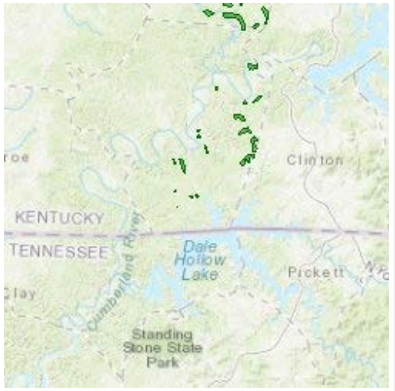
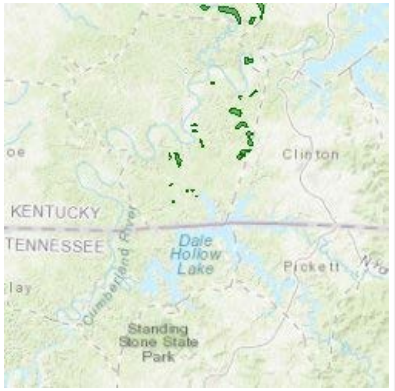
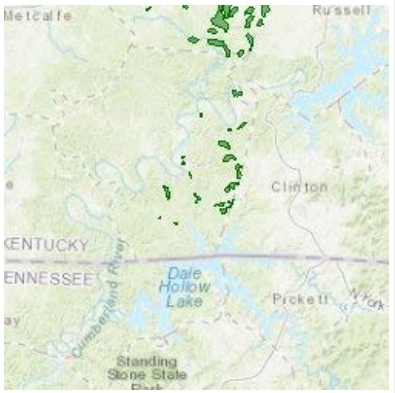
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 8	Proposed Funded	Existing	0.08	61	25	33	25	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 9	Proposed Funded	Existing	0.21	36	16	20	16	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 01	Proposed Funded	Existing	0.02	91	42	56	42	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

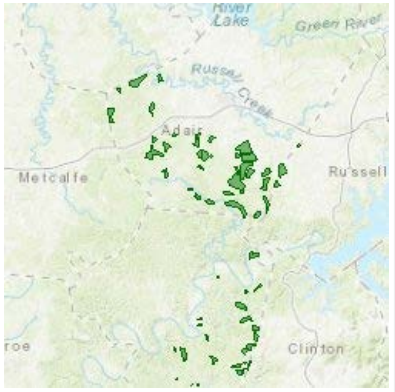
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 11	Proposed Funded	Existing	0.53	36	18	23	18	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 02	Proposed Funded	Existing	0.05	89	37	44	37	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 12	Proposed Funded	Existing	0.33	73	35	48	35	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

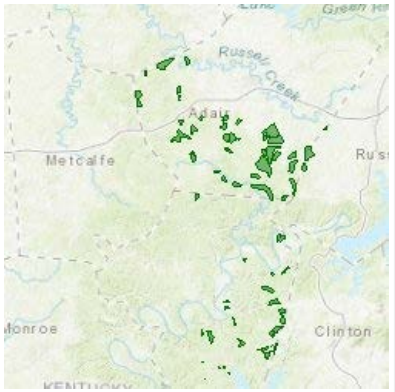
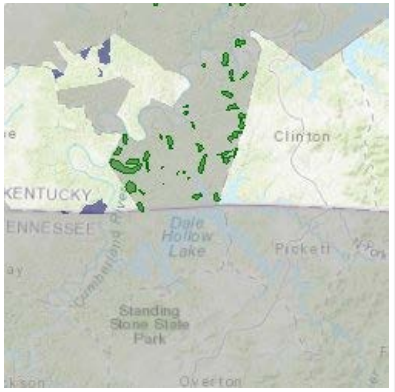
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 13	Proposed Funded	Existing	0.30	200	83	113	83	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 14	Proposed Funded	Existing	0.04	42	17	20	17	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Antioch Church 13	Proposed Funded	Existing	0.99	63	27	34	27	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

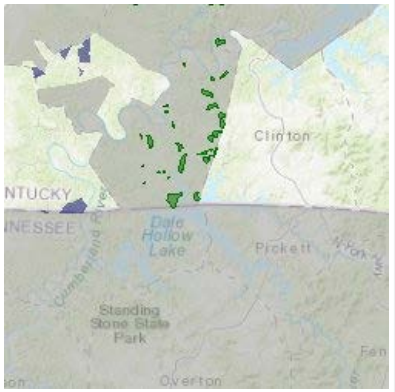
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 03	Proposed Funded	Existing	0.65	126	59	70	59	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Breeding 1	Proposed Funded	Existing	0.35	116	52	60	52	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Red Bank 04	Proposed Funded	Existing	0.04	14	8	12	8	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

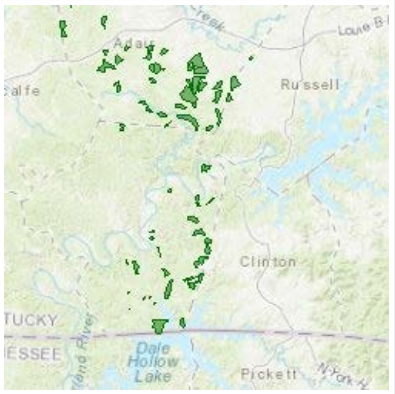
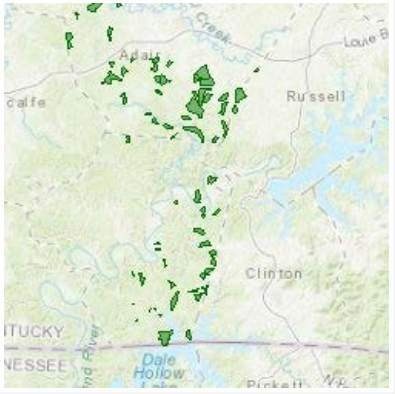
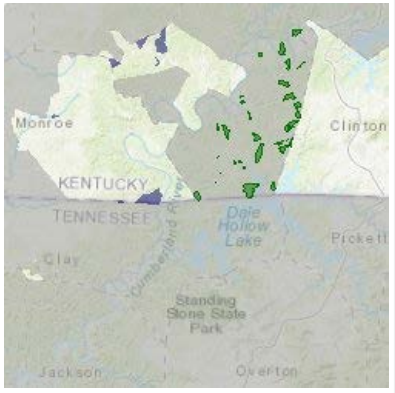
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 15	Proposed Funded	Existing	0.20	161	62	87	62	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 05	Proposed Funded	Existing	0.01	39	20	26	20	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 16	Proposed Funded	Existing	0.45	137	55	80	55	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 06	Proposed Funded	Existing	0.06	94	38	44	38	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 07	Proposed Funded	Existing	0.03	34	20	43	20	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 17	Proposed Funded	Existing	0.40	233	99	170	99	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Breeding 2	Proposed Funded	Existing	0.20	131	57	75	57	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Red Bank 09	Proposed Funded	Existing	0.00	0	0	1	0	0.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Breeding 3	Proposed Funded	Existing	0.31	88	23	29	23	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

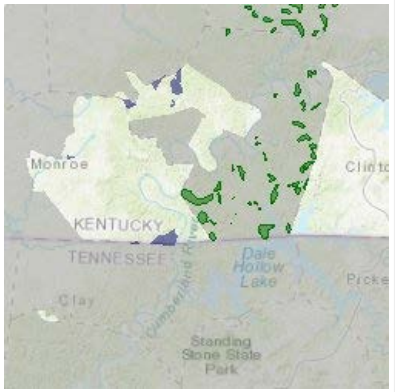
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Breeding 4	Proposed Funded	Existing	0.30	34	15	15	15	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Breeding 5	Proposed Funded	Existing	0.09	28	11	20	11	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Red Bank 08	Proposed Funded	Existing	0.66	74	38	60	38	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

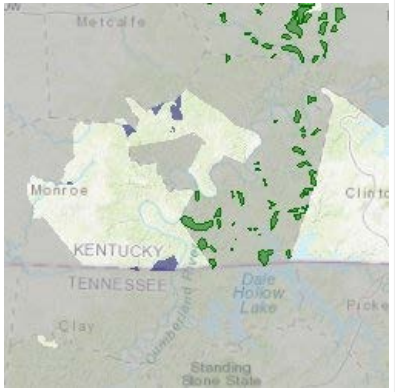
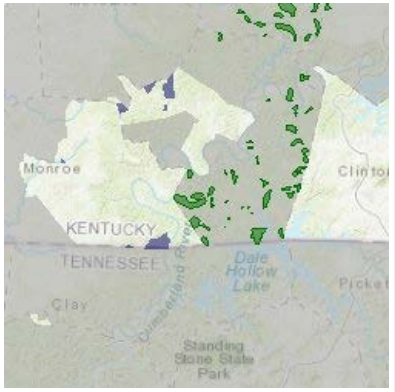
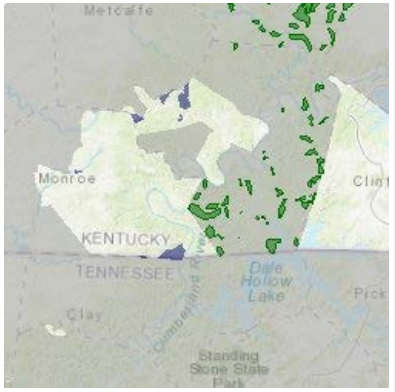
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 18	Proposed Funded	Existing	1.11	117	52	100	52	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 19	Proposed Funded	Existing	0.44	117	52	100	52	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

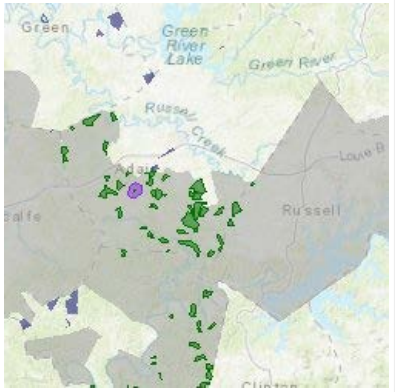
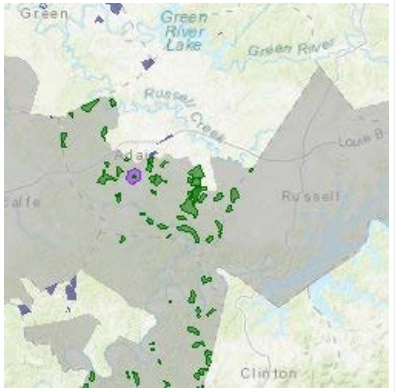
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Ernest Anderson 20	Proposed Funded	Existing	0.26	48	18	36	18	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Ernest Anderson 21	Proposed Funded	Existing	0.85	48	18	36	18	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 10	Proposed Funded	Existing	0.60	124	62	82	62	100.00%	Kentucky, Tennessee	KY-01,TN-06	Monroe County, Kentucky; Cumberland County, Kentucky; Clay County, Tennessee	Fountain Run CCD, Monroe County, Kentucky; Mount Hermon CCD, Monroe County, Kentucky; Tompkinsville CCD, Monroe County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky; District 1, Clay County, Tennessee; District 2, Clay County, Tennessee; District 3, Clay County, Tennessee; District 4, Clay County, Tennessee; District 5, Clay County, Tennessee	

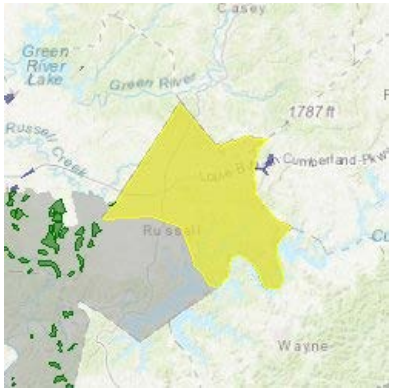
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 12	Proposed Funded	Existing	1.34	114	61	74	61	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 14	Proposed Funded	Existing	0.14	72	32	44	32	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 11	Proposed Funded	Existing	0.18	64	36	45	36	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

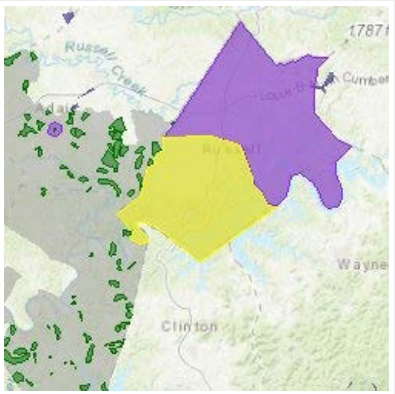
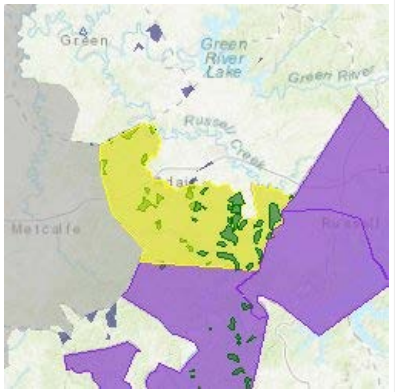
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 15	Proposed Funded	Existing	0.56	73	31	41	31	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

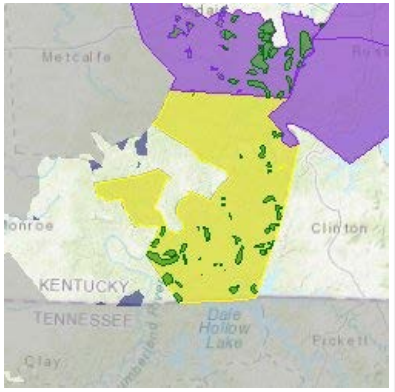
Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 13	Proposed Funded	Existing	0.08	72	32	44	32	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 16	Proposed Funded	Existing	3.48	94	47	57	47	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Red Bank 17	Proposed Funded	Existing	0.47	78	36	51	36	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 18	Proposed Funded	Existing	0.77	68	34	40	34	100.00%	Kentucky	KY-01	Cumberland County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Red Bank 19	Proposed Funded	Existing	0.56	47	22	29	22	100.00%	Kentucky	KY-01	Monroe County, Kentucky; Cumberland County, Kentucky	Fountain Run CCD, Monroe County, Kentucky; Mount Hermon CCD, Monroe County, Kentucky; Tompkinsville CCD, Monroe County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Fairplay 5	Proposed Funded	Existing	0.82	128	55	58	55	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Fairplay 6	Proposed Funded	Existing	1.47	210	87	99	87	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	
Glensfork 5	Proposed Funded	Existing	1.07	57	23	27	23	100.00%	Kentucky	KY-01	Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Russell Springs	Non-Funded	Existing	268.92	14,114	5,996	8,114	0	0.00%	Kentucky	KY-05,KY-01	Russell County, Kentucky; Pulaski County, Kentucky; Wayne County, Kentucky; Casey County, Kentucky; Adair County, Kentucky	Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Nancy CCD, Pulaski County, Kentucky; Eubank CCD, Pulaski County, Kentucky; Burnside CCD, Pulaski County, Kentucky; Mount Victory CCD, Pulaski County, Kentucky; Science Hill CCD, Pulaski County, Kentucky; Shopville CCD, Pulaski County, Kentucky; Somerset CCD, Pulaski County, Kentucky; Monticello CCD, Wayne County, Kentucky; Coopersville CCD, Wayne County, Kentucky; Gregory CCD, Wayne County, Kentucky; Mill Springs CCD, Wayne County, Kentucky; Zula-Powersburg CCD, Wayne County, Kentucky; Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky; Dividing Ridge CCD, Casey County, Kentucky; Clementsville CCD, Casey County, Kentucky; Dunnville CCD, Casey County, Kentucky; Liberty CCD, Casey County, Kentucky; Middleburg CCD, Casey County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Jamestown	Non-Funded	Existing	192.05	6,200	2,578	3,755	0	0.00%	Kentucky	KY-05,KY-01	Russell County, Kentucky; Wayne County, Kentucky; Clinton County, Kentucky; Cumberland County, Kentucky	Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky; Albany CCD, Clinton County, Kentucky; Cumberland City CCD, Clinton County, Kentucky; Monticello CCD, Wayne County, Kentucky; Coopersville CCD, Wayne County, Kentucky; Gregory CCD, Wayne County, Kentucky; Mill Springs CCD, Wayne County, Kentucky; Zula-Powersburg CCD, Wayne County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky	
Fairplay	Non-Funded	Existing	212.34	4,858	1,981	2,367	0	0.00%	Kentucky	KY-01,KY-02	Metcalfe County, Kentucky; Russell County, Kentucky; Cumberland County, Kentucky; Green County, Kentucky; Adair County, Kentucky	Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky; Donansburg CCD, Green County, Kentucky; Greensburg CCD, Green County, Kentucky; Gresham CCD, Green County, Kentucky; Summersville CCD, Green County, Kentucky; Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky; Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Center CCD, Metcalfe County, Kentucky; Edmonton CCD, Metcalfe County, Kentucky; Summer Shade CCD, Metcalfe County, Kentucky	

Name	Service Area Funding	Service Area Type	Square Miles	Population	Households	Housing Units	HH without Sufficient Access	% Households w/out sufficient access to Broadband	States	Congressional Districts	Counties	Communities	Map
Burkesville	Non-Funded	Existing	366.69	5,055	2,124	2,831	0	0.00%	Kentucky, Tennessee	TN-06,KY-01	Metcalfe County, Kentucky; Monroe County, Kentucky; Russell County, Kentucky; Clinton County, Kentucky; Cumberland County, Kentucky; Adair County, Kentucky; Clay County, Tennessee	Eli CCD, Russell County, Kentucky; Bryan CCD, Russell County, Kentucky; Jamestown CCD, Russell County, Kentucky; Russell Springs CCD, Russell County, Kentucky; Fountain Run CCD, Monroe County, Kentucky; Mount Hermon CCD, Monroe County, Kentucky; Tompkinsville CCD, Monroe County, Kentucky; Burkesville CCD, Cumberland County, Kentucky; Kettle-Peytonsburg CCD, Cumberland County, Kentucky; Center CCD, Metcalfe County, Kentucky; Edmonton CCD, Metcalfe County, Kentucky; Summer Shade CCD, Metcalfe County, Kentucky; Columbia CCD, Adair County, Kentucky; Glens Fork CCD, Adair County, Kentucky; Cane Valley CCD, Adair County, Kentucky; Casey Creek CCD, Adair County, Kentucky; Gradyville CCD, Adair County, Kentucky; White Oak CCD, Adair County, Kentucky; Albany CCD, Clinton County, Kentucky; Cumberland City CCD, Clinton County, Kentucky; District 1, Clay County, Tennessee; District 2, Clay County, Tennessee; District 3, Clay County, Tennessee; District 4, Clay County, Tennessee; District 5, Clay County, Tennessee	

Network

Network Design

Description of proposed technology that will be used to deliver the broadband services:	Duo County will deploy a Gigabit-capable Passive Optical Network (GPON) fiber-to-the-home (FTTH) network in the proposed funded service areas (PFSAs). This network technology will be capable of delivering broadband service to customers well above 100 Mbps / 100 Mbps. The project will also include a fully-redundant fiber ring to deliver the traffic to and from the Internet. In the proposed transport network, a ring of 100 Gig routers will be placed in the remotes of Antioch Church, Burkesville, Forest Cottage and Freedom. The outside plant cable will be both buried and aerial and will be placed in the existing public and private right-of-way. Other equipment locations will be in mostly existing buildings, with 2 new building locations adjacent to existing cabinet remotes, so there will be little, if any, environmental impact. This GPON network follows the ITU-T G.984.1 standard which describes a flexible optical fiber access network capable of supporting the bandwidth requirements of business and residential services and covers systems with nominal line rates of 2.4 Gbit/s in the downstream direction and 1.2 Gbit/s and 2.4 Gbit/s in the upstream direction. This Recommendation proposes the general characteristics for GPON based on operators' service requirements. Source - Recommendation ITU-T G.984.1 was approved on 29 March 2008 by ITU-T Study Group 15 (2005-2008) under Recommendation ITU-T A.8 procedure and has been subsequently amended two times with the latest in 2012.
Detailed description of the applicant's existing network:	Duo County currently operates an active fiber-to-the-home (FTTH) network providing symmetrical 1 Gigabit service. DSLAMs are currently connected via a 10 Gig backbone transport ring network connect to the router located in the Russell Springs KY central office. The traffic is then routed to the Internet via a redundant 100 Gigabit connection. Fiber optic cable is connected directly to the end user customer and constructed back to the DSLAMs located along the 10 Gigabit ring. Duo County's core network uses both DSL and FTTH loop plant to provide service to its customers. For the DSL plant Duo County has placed 74 remote electronic sites throughout its service area. All the remote electronics are served with fiber. The coverage of a single remote-electronic site covers, on average, 4.9 square miles and 228 households. Duo County's remote placement is such that, on average, the furthest household is 1.7 miles from a remote electronic site. However, some loops are 4 times that distance. This service platform and system design allows Duo County to serve 99% of its existing DSL plant service area with a minimum available level of 4 Mbps downstream and 1 Mbps upstream and a maximum speed of 8 Mbps. To improve these speeds Duo County is placing FTTH as a better long-term investment rather than placing more remote sites and shortening copper loops. Duo County's FTTH loop network uses an active-ethernet optical network design with 1 fiber in the drop to the premise. The fiber network has no splitters in the outside plant. Therefore, customers are connected directly with the electronics located at the remote location. Duo County currently has two (2) broadband connections to the Internet. The connections are via 100 Gig diverse fiber ring which connects to ISP Hubs in Bowling Green and Elizabethtown, Kentucky. Duo County has deployed an existing network of routers in the towns of Russell Spring and Columbia, Kentucky, via a collapsed fiber ring.
Detailed description of the applicant's proposed network:	Duo County plans to extend fiber-to-the-home (FTTH) to the proposed funded service areas (PFSAs) as shown in the mapping tool. This proposed network build is designed to reach customers in very rural and remote locations where it is not currently economically feasible to reach. We will build fiber cable through our existing non-funded service areas (NFSAs) in order to reach the PFSAs. This fiber has been prorated (shown at a reduced cost such that only the cost of the fibers in the PFSAs are in the grant proposal). In the PFSAs, the proposed project will build a gigabit-capable passive optical network (GPON) network to each customer over fiber optic cable. DSLAMs will be located in pre-fabricated buildings where the fiber will terminate. In order to provide sufficient bandwidth and to not impede the speed to each customer, traffic will flow over a new 100 Gig backbone transport-routed network. The existing 100 Gig network design will be extended to the exchanges where the PFSAs are located and the DSLAMs will be connected via a 10 Gig connection. The project will be built over a five-year period starting in Year 1 (2020) with an estimated annual capital investment of nearly $6.3 million dollars to cover the engineering, right-of-way, material, and backbone costs. For years 2-5, the annual capital investment will average over $4.6 million dollars for the build of the last mile in each of the PSFAs. When fully constructed, the proposed project will provide access to Gigabit broadband for 1,245 homes. The services provided in the PFSAs will include all current offerings – voice, video, and broadband packages with broadband services up to 1 Gbps / 1 Gbps.

Note: This section includes attachments.

Network Documents

Section	Document Type	Description	File Name	User	Date/Time
Network Information	Existing Network Diagram	Existing Network Diagram	Reconnect Network Existing.pdf	Mark Henry	May 07, 2019, 15:00
Network Information	Network Design PE Certification	PE Certificaiton	Engineers Certification.pdf	Mark Henry	May 07, 2019, 15:04
Network Information	Other	Access equipment estimated cost	COE Estimate.pdf	Mark Henry	May 07, 2019, 14:54
Network Information	Other	Gant Reconnect	Gant Reconnect.pdf	Mark Henry	May 07, 2019, 15:02
Network Information	Other	Backbone Transport Estimate	Backbone Transport.pdf	Mark Henry	May 07, 2019, 15:03
Network Information	Proposed Network Diagram	Proposed Network Diagram	Reconnect Network Proposed.pdf	Mark Henry	May 07, 2019, 15:01
Network Information	Proposed Network Diagram	GPON Network	GPON Network.pdf	Mark Henry	May 07, 2019, 15:02

Build-out Timeline and Milestones

Time Frame:	BUILDOUT MILESTONE:	BUILDOUT SUPPORT FOR REASONABLENESS / DATA POINTS
2019	Engineering in the Burkesville Exchange for the Ernest Anderson Remote	Engineering 40% complete by 12/19
2020	Engineering in Burkesville for the Ernest Anderson Remote complete. Engineering in Burkesville for the Redbank Remote complete. Construction in Ernest Anderson Remote Routed 100 Gig backbone transport network	Ernest Anderson Remote construction complete 12/20, customer installing on the FTTH network 10/20 Red Bank Remote construction started 11/20 100 Gig transport network complete
2021	Engineering in Fairplay for the Fairplay Remote complete. Construction in Red Bank Remote	Red Bank Remote construction complete 12/21, customer installing on the FTTH network 10/21 Fairplay Remote construction started 11/21
2022	Engineering in Fairplay for the Glensfork and Breeding Remotes complete. Construction in Fairplay Remote	Fairplay Remote construction complete 12/22, customer installing on the FTTH network 10/22 Glensfork and Breeding Remotes construction started 11/22
2023	Engineering in Fairplay for the Antioch Church Remote complete. Construction in Glensfork and Breeding Remotes	Glensfork and Breeding Remotes construction complete 12/23, customer installing on the FTTH network 10/23 Antioch Church Remote construction started 11/23
2024	Start preparing all necessare close out document for the Reconnect Grant process	Antioch Church Remote construction complete 9/24, customer installing on the FTTH network 8/24 FTTH network complete and all customers on network by 12/24

Capital Investment Workbook (CIW)

Proposed Funded Service Area

CIW - Service Area Costs

Fairplay 1

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Aerial Drop	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	Power changes	1	Lump Sum	$9,000	$9,000
Total Outside Plant						**$144,693**
Total						**$144,693**

Fairplay 2

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	96 Fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Drops	Aerial Drops	5	Unit	$1,545	$7,725
Outside Plant	Make-ready	Power Changes	1	Lump Sum	$12,300	$12,300
Total Outside Plant						**$119,648**
Total						**$119,648**

Fairplay 3

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 Fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 Fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Drops	Drops Areial	28	Unit	$1,545	$43,260
Outside Plant	Make-ready	Power changes	1	Lump Sum	$12,900	$12,900
Total Outside Plant						**$584,104**
Total						**$584,104**

Fairplay 4

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	Power changes	1	Lump Sum	$4,500	$4,500
Total Outside Plant						**$147,918**
Total						**$147,918**

Fairplay 7

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Buried	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	Power changes	1	Lump Sum	$900	$900
Total Outside Plant						**$155,185**
Total						**$155,185**

Fairplay 8

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	432 Fiber	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	46	Unit	$1,545	$71,070
Outside Plant	Make-ready	Power changes	1	Lump Sum	$11,700	$11,700
Total Outside Plant						**$268,591**
Total						**$268,591**

Fairplay 9

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24Fiber	3	Route Mile	$65,529	$196,587
Outside Plant	Fiber - Buried	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Drops	Drops Aerial	28	Unit	$1,545	$43,260
Outside Plant	Make-ready	Power changes	1	Lump Sum	$13,800	$13,800
Total Outside Plant						**$419,501**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$419,501**

Fairplay 10

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	15	Unit	$1,545	$23,175
Outside Plant	Make-ready	Power changes	1	Lump Sum	$5,100	$5,100
Total Outside Plant						**$176,380**
Total						**$176,380**

Fairplay 11

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	Power changes	1	Lump Sum	$1,200	$1,200
Total Outside Plant						**$79,089**
Total						**$79,089**

Fairplay 12

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	15	Unit	$1,545	$23,175
Outside Plant	Make-ready	Power changes	1	Lump Sum	$14,100	$14,100
Total Outside Plant						**$168,684**
Total						**$168,684**

Fairplay 13

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	13	Unit	$1,545	$20,085
Outside Plant	Make-ready	Power changes	1	Lump Sum	$9,600	$9,600
Total Outside Plant						**$128,154**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$128,154**

Fairplay 14

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Drops	Drops Aerial	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	Power changes	1	Lump Sum	$5,100	$5,100
Total Outside Plant						**$110,903**
Total						**$110,903**

Fairplay 15

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 Fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerail	7	Unit	$1,545	$10,815
Outside Plant	Make-ready	Power changes	1	Lump Sum	$8,100	$8,100
Total Outside Plant						**$201,114**
Total						**$201,114**

Fariplay 16

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 Fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	14	Unit	$1,545	$21,630
Outside Plant	Make-ready	Power changes	1	Lump Sum	$5,100	$5,100
Total Outside Plant						**$208,929**
Total						**$208,929**

Glensfork 1

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	288 fiber	2	Route Mile	$6,522	$13,044
Outside Plant	Drops	Drops Aerial	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	Power changes	1	Lump Sum	$16,800	$16,800
Total Outside Plant						**$198,086**
Total						**$198,086**

Glensfork 2

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	19	Unit	$1,545	$29,355
Outside Plant	Make-ready	Power changes	1	Lump Sum	$14,400	$14,400
Total Outside Plant						**$372,453**
Total						**$372,453**

Glensfork 3

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	27	Unit	$1,545	$41,715
Outside Plant	Make-ready	Power changes	1	Lump Sum	$7,800	$7,800
Total Outside Plant						**$377,862**
Total						**$377,862**

Glensfork 4

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 Fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 Fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Drops	Drops Aerial	15	Unit	$1,545	$23,175
Outside Plant	Make-ready	power changes	1	Lump Sum	$6,900	$6,900
Total Outside Plant						**$194,073**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$194,073**

Glensfork 6

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	288 Fiber	3	Route Mile	$6,522	$19,566
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	288 Fiber	1	Route Mile	$6,522	$6,522
Outside Plant	Fiber - Buried	48 Fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Drops Aerial	5	Unit	$1,545	$7,725
Outside Plant	Make-ready	Power changes	1	Lump Sum	$10,200	$10,200
Total Outside Plant						**$339,069**
Total						**$339,069**

Antioch Church 01

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	144 Fiber	2	Route Mile	$24,021	$48,042
Outside Plant	Fiber Cable - Aerial	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 Fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	18	Unit	$1,545	$27,810
Outside Plant	Make-ready	power changes	1	Lump Sum	$13,500	$13,500
Total Outside Plant						**$285,939**
Total						**$285,939**

Ernest Anderson 1

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	5	Unit	$1,545	$7,725
Outside Plant	Make-ready	power changes	1	Lump Sum	$4,200	$4,200
Total Outside Plant						**$208,512**
Total						**$208,512**

Red Bank 02

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,500	$7,500
Total Outside Plant						**$176,133**
Total						**$176,133**

Ernest Anderson 2

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	9	Unit	$1,545	$13,905
Outside Plant	Make-ready	power changes	1	Lump Sum	$900	$900
Total Outside Plant						**$211,392**
Total						**$211,392**

Antioch Church 2

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$11,700	$11,700
Total Outside Plant						**$181,878**
Total						**$181,878**

Red Bank 03

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	288 fiber	2	Route Mile	$26,088	$52,176
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	49	Unit	$1,545	$75,705
Outside Plant	Make-ready	power changes	1	Lump Sum	$18,300	$18,300
Total Outside Plant						**$277,239**
Total						**$277,239**

Ernest Anderson 3

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$11,100	$11,100
Total Outside Plant						**$179,733**
Total						**$179,733**

Red Bank 04

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$3,000	$3,000
Total Outside Plant						**$140,238**
Total						**$140,238**

Red Bank 05

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,700	$8,700
Total Outside Plant						**$175,788**
Total						**$175,788**

Ernest Anderson 4

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	432 fiber	2	Route Mile	$54,763	$109,526
Outside Plant	Drops	buried drops	11	Unit	$1,545	$16,995
Outside Plant	Make-ready	power changes	1	Lump Sum	$14,100	$14,100
Total Outside Plant						**$206,150**
Total						**$206,150**

Ernest Anderson 5

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 fiber	2	Route Mile	$65,880	$131,760
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	28	Unit	$1,545	$43,260
Outside Plant	Make-ready	power changes	1	Lump Sum	$11,400	$11,400
Total Outside Plant						**$317,829**
Total						**$317,829**

Red Bank 08

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	3	Route Mile	$65,529	$196,587
Outside Plant	Fiber - Buried	144 fiber	2	Route Mile	$48,042	$96,084
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	44	Unit	$1,545	$67,980
Outside Plant	Make-ready	power chnages	1	Lump Sum	$11,100	$11,100
Total Outside Plant						**$707,373**
Total						**$707,373**

Red Bank 09

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,800	$7,800
Total Outside Plant						**$141,948**
Total						**$141,948**

Red Bank 10

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	432 fiber	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber Cable - Aerial	288 fiber	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	288 fiber	2	Route Mile	$26,088	$52,176
Outside Plant	Fiber - Buried	144 fiber	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Drops	aerial drops	39	Unit	$1,545	$60,255
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,700	$8,700
Total Outside Plant						**$549,137**
Total						**$549,137**

Ernest Anderson 7

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Drops	aerial drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$5,700	$5,700
Total Outside Plant						**$238,317**
Total						**$238,317**

Red Bank 11

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$4,500	$4,500
Total Outside Plant						**$141,738**
Total						**$141,738**

Red Bank 12

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	9	Unit	$1,545	$13,905
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,700	$8,700
Total Outside Plant						**$284,721**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$284,721**

Ernest Anderson 8

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	144 fiber	1	Route Mile	$12,010	$12,010
Outside Plant	Fiber - Buried	48 fiber	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$1,200	$1,200
Total Outside Plant						**$280,312**
Total						**$280,312**

Antioch Church 03

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$4,500	$4,500
Total Outside Plant						**$138,648**
Total						**$138,648**

Antioch Church 04

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	9	Unit	$1,545	$13,905
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,800	$7,800
Total Outside Plant						**$121,328**
Total						**$121,328**

Ernest Anderson 9

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	288 fiber	1	Route Mile	$26,088	$26,088

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Drops	aerial drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$9,900	$9,900
Total Outside Plant						**$173,226**
Total						**$173,226**

Red Bank 14

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$2,700	$2,700
Total Outside Plant						**$136,848**
Total						**$136,848**

Ernest Anderson 10

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	7	Unit	$1,545	$10,815
Outside Plant	Make-ready	power changes	1	Lump Sum	$10,800	$10,800
Total Outside Plant						**$218,553**
Total						**$218,553**

Red Bank 15

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	432 fiber	1	Route Mile	$27,381	$27,381
Outside Plant	Drops	aerial drops	24	Unit	$1,545	$37,080
Outside Plant	Make-ready	power changes	1	Lump Sum	$12,000	$12,000
Total Outside Plant						**$141,990**
Total						**$141,990**

Red Bank 16

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	3	Route Mile	$65,529	$196,587

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	23	Unit	$1,545	$35,535
Outside Plant	Make-ready	power changes	1	Lump Sum	$25,500	$25,500
Total Outside Plant						**$454,209**
Total						**$454,209**

Antioch Church 6

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$1,200	$1,200
Total Outside Plant						**$203,967**
Total						**$203,967**

Ernest Anderson 11

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber - Buried	144 fiber	1	Route Mile	$12,010	$12,010
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Drops	aerial drops	12	Unit	$1,545	$18,540
Outside Plant	Make-ready	power changes	1	Lump Sum	$13,200	$13,200
Total Outside Plant						**$191,855**
Total						**$191,855**

Red Bank 17

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	power changes	1	Lump Sum	$10,200	$10,200
Total Outside Plant						**$138,076**
Total						**$138,076**

Ernest Anderson 12

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	12	Unit	$1,545	$18,540
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,200	$7,200
Total Outside Plant						**$189,738**
Total						**$189,738**

Ernest Anderson 13

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	23	Unit	$1,545	$35,535
Outside Plant	Make-ready	power changes	1	Lump Sum	$3,300	$3,300
Total Outside Plant						**$501,601**
Total						**$501,601**

Red Bank 18

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	12	Unit	$1,545	$18,540
Outside Plant	Make-ready	power changes	1	Lump Sum	$11,400	$11,400
Total Outside Plant						**$160,998**
Total						**$160,998**

Red Bank 19

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	15	Unit	$1,545	$23,175

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Make-ready	power changes	1	Lump Sum	$5,100	$5,100
Total Outside Plant						**$192,273**
Total						**$192,273**

Antioch Church 7

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drop	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	power changes	1	Lump Sum	$3,900	$3,900
Total Outside Plant						**$180,258**
Total						**$180,258**

Ernest Anderson 14

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$2,400	$2,400
Total Outside Plant						**$139,638**
Total						**$139,638**

Ernest Anderson 15

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	9	Unit	$1,545	$13,905
Outside Plant	Make-ready	power changes	1	Lump Sum	$9,000	$9,000
Total Outside Plant						**$188,057**
Total						**$188,057**

Antioch Church 8

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	5	Unit	$1,545	$7,725
Outside Plant	Make-ready	power changes	1	Lump Sum	$17,700	$17,700
Total Outside Plant						**$287,892**
Total						**$287,892**

Ernest Anderson 16

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	12	Unit	$1,545	$18,540
Outside Plant	Make-ready	power changes	1	Lump Sum	$1,500	$1,500
Total Outside Plant						**$185,192**
Total						**$185,192**

Antioch Church 09

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	10	Unit	$1,545	$15,450
Outside Plant	Make-ready	power changes	1	Lump Sum	$17,400	$17,400
Total Outside Plant						**$196,848**
Total						**$196,848**

Antioch Church 13

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	18	Unit	$1,545	$27,810

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,400	$8,400
Total Outside Plant						**$432,394**
Total						**$432,394**

Ernest Anderson 17

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	Aerial drops	25	Unit	$1,545	$38,625
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,400	$8,400
Total Outside Plant						**$278,057**
Total						**$278,057**

Antioch Church 11

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	144 fiber	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	19	Unit	$1,545	$29,355
Outside Plant	Drops	buried drops	19	Unit	$1,545	$29,355
Outside Plant	Make-ready	power changes	1	Lump Sum	$16,800	$16,800
Total Outside Plant						**$618,205**
Total						**$618,205**

Ernest Anderson 18

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	96 fiber	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	96 fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Drops	buried drops	28	Unit	$1,545	$43,260
Outside Plant	Make-ready	power changes	1	Lump Sum	$20,100	$20,100
Total Outside Plant						**$542,471**
Total						**$542,471**

Antioch Church 10

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$15,000	$15,000
Total Outside Plant						**$183,633**
Total						**$183,633**

Antioch Church 12

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$11,400	$11,400
Total Outside Plant						**$212,973**
Total						**$212,973**

Ernest Anderson 19

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	96 fiber	2	Route Mile	$34,094	$68,188
Outside Plant	Drops	aerial drops	20	Unit	$1,545	$30,900

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Make-ready	power changes	1	Lump Sum	$1,500	$1,500
Total Outside Plant						**$363,757**
Total						**$363,757**

Breeding 3

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	288 fiber	1	Route Mile	$6,522	$6,522
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	288 fiber	2	Route Mile	$6,522	$13,044
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	9	Unit	$1,545	$13,905
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,200	$7,200
Total Outside Plant						**$237,258**
Total						**$237,258**

Breeding 2

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 fiber	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	5	Unit	$1,545	$7,725
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,700	$8,700
Total Outside Plant						**$181,577**
Total						**$181,577**

Breeding 5

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	3	Route Mile	$32,940	$98,820
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	96 fiber	3	Route Mile	$17,047	$51,141
Outside Plant	Drops	buried drops	4	Unit	$1,545	$6,180
Outside Plant	Make-ready	power changes	1	Lump Sum	$8,700	$8,700
Total Outside Plant						**$295,899**
Total						**$295,899**

Breeding 4

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 buried	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	power changes	1	Lump Sum	$3,600	$3,600
Total Outside Plant						**$147,018**
Total						**$147,018**

Breeding 1

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	144 fiber	2	Route Mile	$12,010	$24,020
Outside Plant	Fiber Cable - Aerial	24 fiber	3	Route Mile	$65,529	$196,587
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	144 fiber	1	Route Mile	$12,010	$12,010
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	7	Unit	$1,545	$10,815
Outside Plant	Make-ready	power changes	1	Lump Sum	$15,000	$15,000
Total Outside Plant						**$455,019**
Total						**$455,019**

Fairplay 5

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	10	Unit	$1,545	$15,450
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,500	$7,500
Total Outside Plant						**$219,888**
Total						**$219,888**

Fairplay 6

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$65,880	$65,880
Outside Plant	Fiber - Buried	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	15	Unit	$1,545	$23,175

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Make-ready	power changes	1	Lump Sum	$900	$900
Total Outside Plant						**$352,422**
Total						**$352,422**

Glensfork 5

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber Cable - Aerial	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	10	Unit	$1,545	$15,450
Outside Plant	Make-ready	power changes	1	Lump Sum	$6,600	$6,600
Total Outside Plant						**$218,637**
Total						**$218,637**

Red Bank 01

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	144 Fiber	1	Route Mile	$24,021	$24,021
Outside Plant	Drops	aerial drops	3	Unit	$1,545	$4,635
Outside Plant	Make-ready	power changes	1	Lump Sum	$900	$900
Total Outside Plant						**$29,556**
Total						**$29,556**

Red Bank 06

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	2	Unit	$1,545	$3,090
Outside Plant	Make-ready	power changes	1	Lump Sum	$2,700	$2,700
Total Outside Plant						**$136,848**
Total						**$136,848**

Red Bank 07

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	3	Unit	$1,545	$4,635
Total Outside Plant						**$135,693**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$135,693**

Red Bank 13

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	2	Unit	$1,545	$3,090
Total Outside Plant						**$199,677**
Total						**$199,677**

Antioch Church 5

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	432 fiber	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Drops	aerial drops	24	Unit	$1,545	$37,080
Outside Plant	Drops	buried drops	24	Unit	$1,545	$37,080
Outside Plant	Make-ready	power changes	1	Lump Sum	$3,000	$3,000
Total Outside Plant						**$383,273**
Total						**$383,273**

Ernest Anderson 20

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	buried drops	8	Unit	$1,545	$12,360
Outside Plant	Make-ready	power changes	1	Lump Sum	$600	$600
Total Outside Plant						**$144,018**
Total						**$144,018**

Ernest Anderson 21

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	48 fiber	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	24 fiber	2	Route Mile	$65,529	$131,058
Outside Plant	Fiber - Buried	24 fiber	1	Route Mile	$65,529	$65,529
Outside Plant	Drops	aerial drops	14	Unit	$1,545	$21,630
Total Outside Plant						**$251,157**

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total						**$251,157**

Ernest Anderson 6

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	288 fiber	1	Route Mile	$13,044	$13,044
Outside Plant	Drops	buried drops	14	Unit	$1,545	$21,630
Outside Plant	Make-ready	power changes	1	Lump Sum	$7,200	$7,200
Total Outside Plant						**$41,874**
Total						**$41,874**

CIW - Common Network Facilities Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT GLENSFORK REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT FAIRPLAY REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT BREEDING REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT ANTIOCH CH REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT ERNEST ANDERSON REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Switching Equipment	ACCESS EQUIPMENT RED BANK REMOTE	1	Unit	$36,907	$36,907
Network and Access Equipment	Routing Equipment	BACKBONE TRANSPORT ROUTING EQUIPMENT, ANTIOCH CH, BURKESVILLE, FOREST COTTAGE, FREEDOM REMOTES	1	Unit	$766,173	$766,173
Network and Access Equipment	Others (Specify)	ANTIOCH CHURCH FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$22,150	$22,150
Network and Access Equipment	Others (Specify)	BREEDING FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$15,637	$15,637
Network and Access Equipment	Others (Specify)	ERNEST ANDERSON FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$32,120	$32,120
Network and Access Equipment	Others (Specify)	GLENSFORK FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$20,678	$20,678
Network and Access Equipment	Others (Specify)	FAIRPLAY FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$22,998	$22,998
Network and Access Equipment	Others (Specify)	RED BANK FIBER CROSS-CONNECT PANELS, RACK, FIBER TIE PANEL, AND JUMPERS	1	Unit	$23,430	$23,430
Total Network and Access Equipment						**$1,124,628**
Outside Plant	Fiber Cable - Aerial	144 Fiber Prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	2	Route Mile	$9,127	$18,254
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	3	Route Mile	$27,381	$82,143
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber Cable - Aerial	288 Fiber Prorated	2	Route Mile	$26,088	$52,176
Outside Plant	Fiber Cable - Aerial	288 Fiber Prorated	1	Route Mile	$26,088	$26,088

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	144 Fiber Prorated	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	3	Route Mile	$54,763	$164,289
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	96 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	144 Fiber Prorated	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$9,127	$9,127
Outside Plant	Fiber Cable - Aerial	96 Fiber Prorated	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	2	Route Mile	$18,254	$36,508
Outside Plant	Fiber Cable - Aerial	288 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber Cable - Aerial	48 Fiber Prorated	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber Cable - Aerial	432 Fiber Prorated	3	Route Mile	$54,763	$164,289
Outside Plant	Fiber Cable - Aerial	288 Fiber Prorated	3	Route Mile	$26,088	$78,264
Outside Plant	Fiber Cable - Aerial	96 Fiber Prorated	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	288 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	144 Fiber Prorated	2	Route Mile	$48,042	$96,084
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	1	Route Mile	$13,044	$13,044
Outside Plant	Fiber Cable - Aerial	96 Fiber prorated	1	Route Mile	$17,047	$17,047
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	2	Route Mile	$13,044	$26,088
Outside Plant	Fiber Cable - Aerial	144 Fiber prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	3	Route Mile	$18,254	$54,762
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	2	Route Mile	$18,254	$36,508
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber Cable - Aerial	144 Fiber prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$9,127	$9,127
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$9,127	$9,127
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$9,127	$9,127
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	1	Route Mile	$39,131	$39,131
Outside Plant	Fiber Cable - Aerial	144 Fiber	1	Route Mile	$72,063	$72,063
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$27,381	$27,381

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	2	Route Mile	$18,254	$36,508
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber Cable - Aerial	96 Fiber prorated	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	2	Route Mile	$13,044	$26,088
Outside Plant	Fiber Cable - Aerial	144 Fiber prorated	2	Route Mile	$12,010	$24,020
Outside Plant	Fiber Cable - Aerial	288 Fiber prorated	2	Route Mile	$39,131	$78,262
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber Cable - Aerial	96 Fiber	1	Route Mile	$68,188	$68,188
Outside Plant	Fiber - Buried	288 Fiber Prorated	2	Route Mile	$13,044	$26,088
Outside Plant	Fiber - Buried	144 Fiber Prorated	2	Route Mile	$12,010	$24,020
Outside Plant	Fiber - Buried	432 Fiber Prorated	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber - Buried	288 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber - Buried	432 Fiber Prorated	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber - Buried	432 Fiber Prorated	1	Route Mile	$9,127	$9,127
Outside Plant	Fiber - Buried	288 Fiber Prorated	1	Route Mile	$13,044	$13,044
Outside Plant	Fiber - Buried	96 Fiber Prorated	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	144 Fiber Prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber - Buried	96 Fiber Prorated	2	Route Mile	$17,047	$34,094
Outside Plant	Fiber - Buried	432 Fiber Prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber - Buried	144 Fiber Prorated	3	Route Mile	$24,021	$72,063
Outside Plant	Fiber - Buried	48 Fiber Prorated	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	288 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber - Buried	288 Fiber Prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber - Buried	288 Fiber prorated	1	Route Mile	$13,044	$13,044
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber - Buried	48 Fiber prorated	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber - Buried	144 Fiber prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$18,254	$18,254
Outside Plant	Fiber - Buried	432 Fiber prorated	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber - Buried	144 Fiber prorated	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber - Buried	288 Fiber prorated	1	Route Mile	$6,522	$6,522
Outside Plant	Fiber - Buried	48 Fiber prorated	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber - Buried	288 Fiber prorated	1	Route Mile	$26,088	$26,088
Outside Plant	Fiber - Buried	432 Fiber prorated	1	Route Mile	$4,564	$4,564
Total Outside Plant						**$3,476,097**
Buildings	Pre-Fab Huts	BREEDING REMOTE BUILDING	1	Unit	$175,000	$175,000
Buildings	Pre-Fab Huts	ERNEST ANDERSON REMOTE BUILDING	1	Unit	$175,000	$175,000

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Total Buildings						**$350,000**
Non-Depreciable Assets	Land	Land for Breeding remote and improvements	1	Site	$80,000	$80,000
Non-Depreciable Assets	Land	Land and improvements for the Ernest Anderson remote	1	Site	$80,000	$80,000
Total Non-Depreciable Assets						**$160,000**
	Total					**$5,110,725**

CIW - Other Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Support Assets	Construction Vehicles	Pickup trucks	4	Unit	$60,000.00	$240,000
Total Support Assets						**$240,000**
Other Expenditures	Pre-application expenses	both consultant fees and direct labor	1	Lump Sum	$250,000.00	$250,000
Total Other Expenditures						**$250,000**
	Total					**$490,000**

CIW – Summary

Network and Access Equipment	Total Project Cost
Switching Equipment	$221,442
Routing Equipment	$766,173
Others (Specify)	$137,013
Total Network and Access Equipment	$1,124,628
Outside Plant	**Total Project Cost**
Drops	$1,555,815
Fiber - Buried	$6,477,986
Fiber Cable - Aerial	$14,091,108
Make-ready	$652,500
Total Outside Plant	$22,777,409
Buildings	**Total Project Cost**
Pre-Fab Huts	$350,000
Total Buildings	$350,000
Customer Premises Equipment	**Total Project Cost**
Towers	**Total Project Cost**
Non-Depreciable Assets	**Total Project Cost**
Land	$160,000
Total Non-Depreciable Assets	$160,000
Support Assets	**Total Project Cost**
Construction Vehicles	$240,000
Total Support Assets	$240,000
Professional Services	**Total Project Cost**

Other Expenditures	Total Project Cost
Pre-application expenses	$250,000
Total Other Expenditures	$250,000
Total Proposed Funded Service Area(s) Costs	**$24,902,037**
Funding Type	**Funding Amount**
Grant amount requested	$18,676,528
Loan amount requested	$0
Matching Funds	$6,225,509
Other Funds	$0
Total Project Costs	**$24,902,037**

Non-Funded Service Area

CIW - Service Area Costs

Burkesville

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Network and Access Equipment	Switching Equipment	Access Equipment	1	Unit	$0	$0
Total Network and Access Equipment						**$0**
Buildings	Others (Specify)	No changes	1	Lump Sum	$0	$0
Total Buildings						**$0**
Total						**$0**

Fairplay

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Network and Access Equipment	Access Equipment	No Access Eq.	1	Unit	$0	$0
Total Network and Access Equipment						**$0**
Total						**$0**

CIW - Common Network Facilities Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$65,219	$65,219
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	2	Route Mile	$48,042	$96,084
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	2	Route Mile	$65,219	$130,438

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	3	Route Mile	$63,890	$191,670
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$63,890	$127,780
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	2	Route Mile	$60,053	$120,106
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$71,741	$71,741
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$73,017	$73,017
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	3	Route Mile	$32,940	$98,820
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$73,017	$73,017
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$73,017	$73,017
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$39,132	$39,132
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$63,890	$127,780
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	2	Route Mile	$65,219	$130,438
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	2	Route Mile	$60,053	$120,106
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	2	Route Mile	$71,741	$143,482
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	2	Route Mile	$51,141	$102,282

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	2	Route Mile	$39,132	$78,264
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	3	Route Mile	$71,741	$215,223
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$73,017	$146,034
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	3	Route Mile	$27,381	$82,143
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$27,381	$54,762
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	2	Route Mile	$52,175	$104,350
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	3	Route Mile	$27,381	$82,143
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$73,017	$73,017
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$63,890	$127,780
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber Cable - Aerial	432 Fiber prorate	3	Route Mile	$54,763	$164,289
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	3	Route Mile	$52,175	$156,525

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber Cable - Aerial	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber Cable - Aerial	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber Cable - Aerial	144 Fiber prorate	2	Route Mile	$24,021	$48,042
Outside Plant	Fiber Cable - Aerial	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$65,219	$65,219
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$27,381	$27,381
Outside Plant	Fiber - Buried	48 Fiber buried	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber - Buried	432 Fiber prorate	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$60,053	$60,053
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$71,741	$71,741
Outside Plant	Fiber - Buried	288 Fiber prorate	2	Route Mile	$71,741	$143,482
Outside Plant	Fiber - Buried	48 Fiber prorate	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber - Buried	96 Fiber prorate	3	Route Mile	$51,141	$153,423
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber - Buried	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$77,580	$77,580
Outside Plant	Fiber - Buried	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$71,741	$71,741
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	288 Fiber prorate	2	Route Mile	$65,219	$130,438
Outside Plant	Fiber - Buried	144 Fiber prorate	2	Route Mile	$60,053	$120,106
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$60,053	$60,053
Outside Plant	Fiber - Buried	48 Fiber prorate	2	Route Mile	$32,940	$65,880
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$60,053	$60,053
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$54,763	$54,763
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$52,175	$52,175

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$51,141	$51,141
Outside Plant	Fiber - Buried	432 Fiber prorate	2	Route Mile	$54,763	$109,526
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$73,017	$73,017
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$65,219	$65,219
Outside Plant	Fiber - Buried	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber - Buried	96 Fiber prorate	2	Route Mile	$34,094	$68,188
Outside Plant	Fiber - Buried	96 Fiber prorate	1	Route Mile	$34,094	$34,094
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$48,042	$48,042
Outside Plant	Fiber - Buried	96 Fiber prorate	2	Route Mile	$51,141	$102,282
Outside Plant	Fiber - Buried	144 Fiber prorate	2	Route Mile	$24,021	$48,042
Outside Plant	Fiber - Buried	432 Fiber prorate	1	Route Mile	$63,890	$63,890
Outside Plant	Fiber - Buried	288 Fiber prorate	2	Route Mile	$52,175	$104,350
Outside Plant	Fiber - Buried	144 Fiber prorate	1	Route Mile	$24,021	$24,021
Outside Plant	Fiber - Buried	144 Fiber prorate	3	Route Mile	$48,042	$144,126
Outside Plant	Fiber - Buried	48 Fiber prorate	1	Route Mile	$32,940	$32,940
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Outside Plant	Fiber - Buried	288 Fiber prorate	1	Route Mile	$52,175	$52,175
Total Outside Plant						**$9,989,782**
	Total					**$9,989,782**

CIW - Other Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost
Other Expenditures	Others (Specify)	No cost	1	Lump Sum	$0.00	$0
Total Other Expenditures						**$0**
	Total					**$0**

CIW – Summary

Network and Access Equipment	Total Project Cost
Outside Plant	**Total Project Cost**
Fiber - Buried	$3,529,955
Fiber Cable - Aerial	$6,459,827
Total Outside Plant	$9,989,782
Buildings	**Total Project Cost**
Customer Premises Equipment	**Total Project Cost**
Towers	**Total Project Cost**
Non-Depreciable Assets	**Total Project Cost**
Support Assets	**Total Project Cost**

Professional Services	Total Project Cost
Other Expenditures	Total Project Cost
Total Non-Funded Service Area(s)	$9,989,782

Unadvanced Prior Loan Funds

CIW - Service Area Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost

No Records Found

CIW - Other Costs

Project Asset Category	Project Asset Type	Description	Quantity	Measure Unit	Associated Project Asset Cost per unit	Total Cost

No Records Found

CIW – Summary

Total Unadvanced Prior Loan Costs	

Capital Investment Schedule

Proposed Funded Service Area

Asset Type	Asset Sub Type	CIW Summary Amounts	2019	2020	2021	2022	2023	2024	Total	Amounts Fully Distributed?
Project Asset Category: Network and Access Equipment										
Network and Access Equipment	Switching Equipment	221,442		0	73,814	73,814	73,814	0	221,442.00	Yes
Network and Access Equipment	Routing Equipment	766,173		0	766,173	0	0	0	766,173.00	Yes
Network and Access Equipment	Others (Specify)	137,013		32,120	23,430	22,998	36,315	22,150	137,013.00	Yes
Project Asset Category: Outside Plant										
Outside Plant	Fiber Cable - Aerial	14,091,108		3,744,773	3,190,102	2,476,377	2,257,552	2,422,304	14,091,108.00	Yes
Outside Plant	Fiber - Buried	6,477,986		1,865,882	1,447,442	1,068,440	778,171	1,318,051	6,477,986.00	Yes
Outside Plant	Drops	1,555,815		390,885	386,250	344,535	171,495	262,650	1,555,815.00	Yes
Outside Plant	Make-ready	652,500		143,700	148,800	121,800	105,900	132,300	652,500.00	Yes
Project Asset Category: Buildings										
Buildings	Pre-Fab Huts	350,000		0	175,000	0	175,000	0	350,000.00	Yes
Project Asset Category: Support Assets										
Support Assets	Construction Vehicles	240,000		0	120,000	120,000	0	0	240,000.00	Yes
Project Asset Category: Non-Depreciable Assets										
Non-Depreciable Assets	Land	160,000		0	80,000	0	80,000	0	160,000.00	Yes
Project Asset Category: Other Expenditures										
Other Expenditures	Pre-application expenses	250,000		100,000	150,000	0	0	0	250,000.00	Yes
Total Proposed Funded Service Area Costs				**6,277,360**	**6,561,011**	**4,227,964**	**3,678,247**	**4,157,455**	**24,902,037**	

Annual Capital Investment

Total Proposed Funded Services Area Costs							
	Total Project Costs	Year 1 - 2020	Year 2 - 2021	Year 3 - 2022	Year 4 - 2023	Year 5 - 2024	Total
Total Match Amount	$6,225,509	$6,177,360	$48,149	$0	$0	$0	$6,225,509
Total Loan Amount	$0	$0	$0	$0	$0	$0	$0
Total Grant Amount	$18,676,528	$100,000	$6,512,862	$4,227,964	$3,678,247	$4,157,455	$18,676,528
Other Funds	$0	$0	$0	$0	$0	$0	$0
Total	$24,902,037	$6,277,360	$6,561,011	$4,227,964	$3,678,247	$4,157,455	$24,902,037

Non-Funded Service Area

Asset Type	Asset Sub Type	CIW Summary Amounts	2019	2020	2021	2022	2023	2024	Total	Amounts Fully Distributed?
Project Asset Category: Network and Access Equipment										
Network and Access Equipment	Switching Equipment	0	0	0	0	0	0	0	0.00	Yes
Network and Access Equipment	Access Equipment	0	0	0	0	0	0	0	0.00	Yes

Asset Type	Asset Sub Type	CIW Summary Amounts	2019	2020	2021	2022	2023	2024	Total	Amounts Fully Distributed?
Project Asset Category: Outside Plant										
Outside Plant	Fiber Cable - Aerial	6,459,827	0	1,320,810	1,319,376	1,333,483	1,038,157	1,448,001	6,459,827.00	Yes
Outside Plant	Fiber - Buried	3,529,955	0	1,198,050	672,043	419,554	599,260	641,048	3,529,955.00	Yes
Project Asset Category: Buildings										
Buildings	Others (Specify)	0	0	0	0	0	0	0	0.00	Yes
Project Asset Category: Other Expenditures										
Other Expenditures	Others (Specify)	0	0	0	0	0	0	0	0.00	Yes
Total Non-Funded Service Area Costs			**0**	**2,518,860**	**1,991,419**	**1,753,037**	**1,637,417**	**2,089,049**	**9,989,782**	

Unadvanced Prior Loan Funds

Asset Type	Asset Sub Type	CIW Summary Amounts	2019	2020	2021	2022	2023	2024	Total	Amounts Fully Distributed?

No Records Found

Depreciation Schedule

Depreciation Rates

CIW Project Asset Type	Depreciation Rate (%)
Project Asset Type: Network and Access Equipment	
Switching Equipment	7.50%
Routing Equipment	11.90%
Access Equipment	10.00%
Others (Specify)	11.90%
Project Asset Type: Outside Plant	
Fiber Cable - Aerial	5.10%
Fiber - Buried	5.10%
Drops	5.10%
Make-ready	5.10%
Project Asset Type: Buildings	
Pre-Fab Huts	2.70%
Others (Specify)	2.70%
Project Asset Type: Support Assets	
Construction Vehicles	7.50%

Composite Economic Life Calculation

Project Asset Category	CIW Asset Type	Depreciation Rate (%)	Economic Life (Years)	2020	2021	2022	2023	2024	Total	Economic Life Calculation
Network and Access Equipment	Switching Equipment	7.50%	13.33	0	73,814	73,814	73,814	0	221,442.00	2,952,560.00
Network and Access Equipment	Routing Equipment	11.90%	8.40	0	766,173	0	0	0	766,173.00	6,438,428.57
Network and Access Equipment	Others (Specify)	11.90%	8.40	32,120	23,430	22,998	36,315	22,150	137,013.00	1,151,369.75
Total Network and Access Equipment				**32,120**	**863,417**	**96,812**	**110,129**	**22,150**	**1,124,628**	**10,542,358**
Outside Plant	Fiber Cable - Aerial	5.10%	19.61	3,744,773	3,190,102	2,476,377	2,257,552	2,422,304	14,091,108.00	276,296,235.29
Outside Plant	Fiber - Buried	5.10%	19.61	1,865,882	1,447,442	1,068,440	778,171	1,318,051	6,477,986.00	127,019,333.33
Outside Plant	Drops	5.10%	19.61	390,885	386,250	344,535	171,495	262,650	1,555,815.00	30,506,176.47
Outside Plant	Make-ready	5.10%	19.61	143,700	148,800	121,800	105,900	132,300	652,500.00	12,794,117.65
Total Outside Plant				**6,145,240**	**5,172,594**	**4,011,152**	**3,313,118**	**4,135,305**	**22,777,409**	**446,615,863**
Buildings	Pre-Fab Huts	2.70%	37.04	0	175,000	0	175,000	0	350,000.00	12,962,962.96
Total Buildings				**0**	**175,000**	**0**	**175,000**	**0**	**350,000**	**12,962,963**
Support Assets	Construction Vehicles	7.50%	13.33	0	120,000	120,000	0	0	240,000.00	3,200,000.00
Total Support Assets				**0**	**120,000**	**120,000**	**0**	**0**	**240,000**	**3,200,000**
Total				**6,177,360**	**6,331,011**	**4,227,964**	**3,598,247**	**4,157,455**	**24,492,037**	**473,321,184.02**
Composite Economic Life			**19**							

Annual Depreciation Expense

Proposed Funded Service Area

CIW Asset Type	Project Asset Type	Depreciation Rate (%)	Economic Life (Years)	2020	2021	2022	2023	2024
Network and Access Equipment	Switching Equipment	7.50%	13.33	0	5,536	11,072	16,608	16,608
Network and Access Equipment	Routing Equipment	11.90%	8.40	0	91,175	91,175	91,175	91,175
Network and Access Equipment	Others (Specify)	11.90%	8.40	3,822	6,610	9,347	13,669	16,305
Network and Access Equipment				**3,822**	**103,321**	**111,594**	**121,452**	**124,088**
Outside Plant	Fiber Cable - Aerial	5.10%	19.61	190,983	353,679	479,974	595,109	718,647
Outside Plant	Fiber - Buried	5.10%	19.61	95,160	168,980	223,470	263,157	330,377
Outside Plant	Drops	5.10%	19.61	19,935	39,634	57,205	65,951	79,347
Outside Plant	Make-ready	5.10%	19.61	7,329	14,918	21,129	26,530	33,278
Outside Plant				**313,407**	**577,211**	**781,778**	**950,747**	**1,161,649**
Buildings	Pre-Fab Huts	2.70%	37.04	0	4,725	4,725	9,450	9,450
Buildings				**0**	**4,725**	**4,725**	**9,450**	**9,450**
Support Assets	Construction Vehicles	7.50%	13.33	0	9,000	18,000	18,000	18,000
Support Assets				**0**	**9,000**	**18,000**	**18,000**	**18,000**
Total Annual Depreciation Expense				**317,229**	**694,257**	**916,097**	**1,099,649**	**1,313,187**

Non-Funded Service Area

CIW Asset Type	Project Asset Type	Depreciation Rate (%)	Economic Life (Years)	Year 0 (2019)	2020	2021	2022	2023	2024
Network and Access Equipment	Switching Equipment	7.50%	13.33	0	0	0	0	0	0
Network and Access Equipment	Access Equipment	10.00%	10.00	0	0	0	0	0	0
Network and Access Equipment				**$0**	**0**	**0**	**0**	**0**	**0**
Outside Plant	Fiber Cable - Aerial	5.10%	19.61	0	67,361	134,649	202,657	255,603	329,451
Outside Plant	Fiber - Buried	5.10%	19.61	0	61,101	95,375	116,772	147,334	180,028
Outside Plant				**$0**	**128,462**	**230,024**	**319,429**	**402,937**	**509,479**
Buildings	Others (Specify)	2.70%	37.04	0	0	0	0	0	0
Buildings				**$0**	**0**	**0**	**0**	**0**	**0**
Total Annual Depreciation Expense				**0**	**128,462**	**230,024**	**319,429**	**402,937**	**509,479**

Unadvanced Prior Loan Fund

CIW Asset Type	Project Asset Type	Depreciation Rate (%)	Economic Life (Years)	2019)	2020	2021	2022	2023	2024

No Records Found.

Depreciation Expense Summary

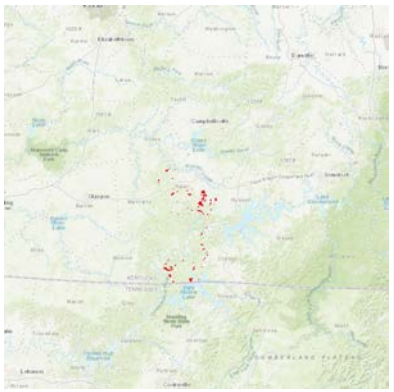
Statement Sub-Type	2019	2020	2021	2022	2023	2024
Existing Property, Plant and Equipment	$4,317,021.00	$3,842,828.00	$3,698,911.00	$3,933,781.00	$3,765,899.00	$3,714,744.00
Non-telecommunications plant added during forecast period	$0.00	$0.00	$0.00	$0.00	$0.00	$0.00
Telecommunications Plant - PFSA	$0.00	$317,229.00	$694,257.00	$916,097.00	$1,099,649.00	$1,313,187.00
Telecommunications Plant - NFSA	$0.00	$128,462.00	$230,024.00	$319,429.00	$402,937.00	$509,479.00

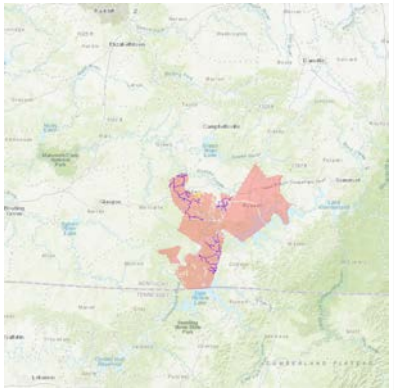
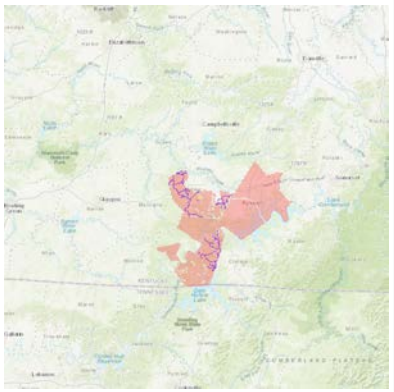
Statement Sub-Type	2019	2020	2021	2022	2023	2024
Total Depreciation Expense	$4,317,021	$4,288,519	$4,623,192	$5,169,307	$5,268,485	$5,537,410

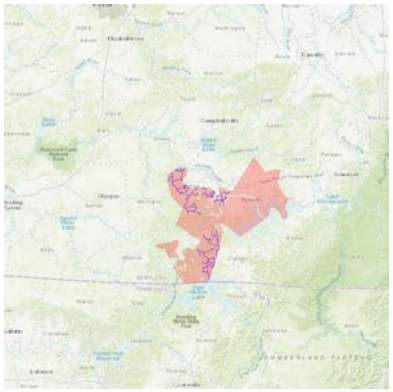
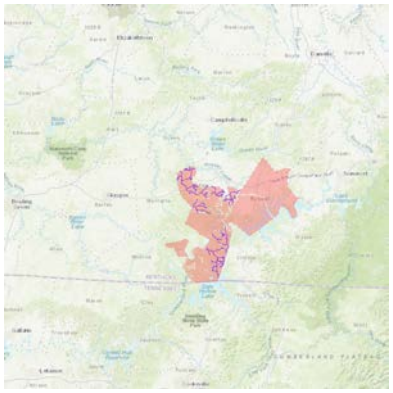
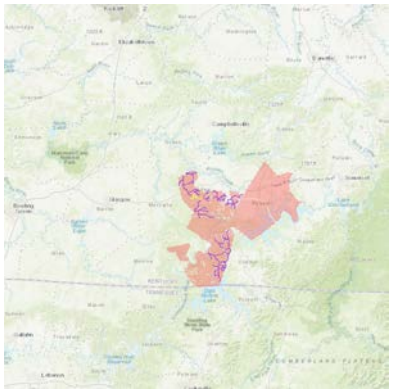
Environmental

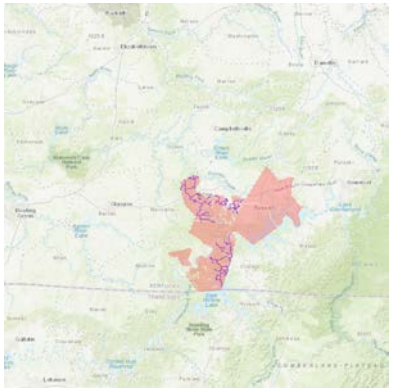
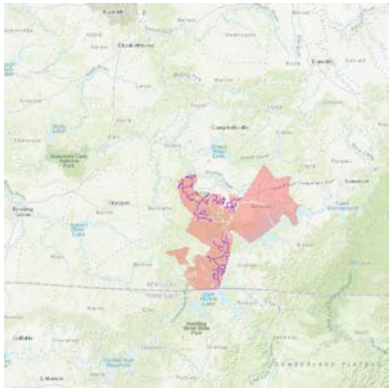
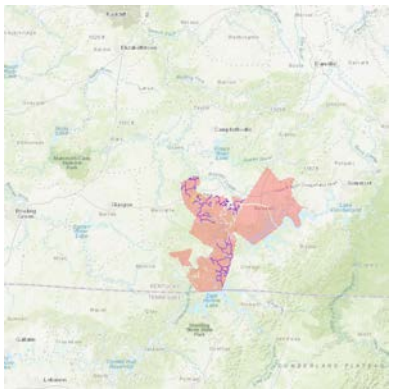
Construction Map

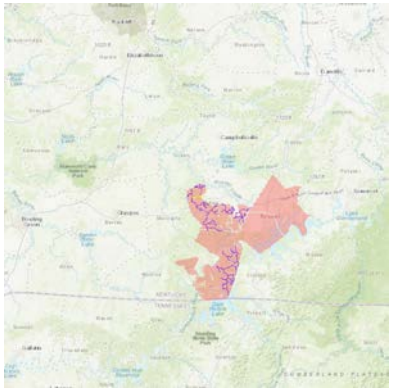
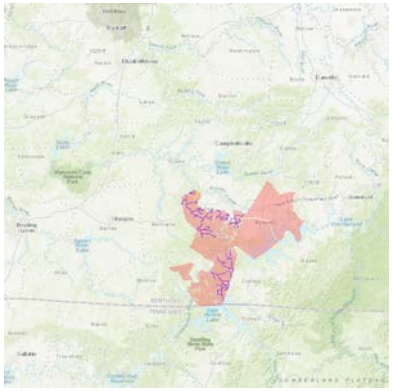
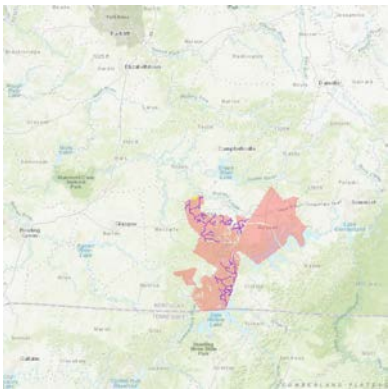
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
Antioch Church Remote	Site		
Breeding Remote	Site		

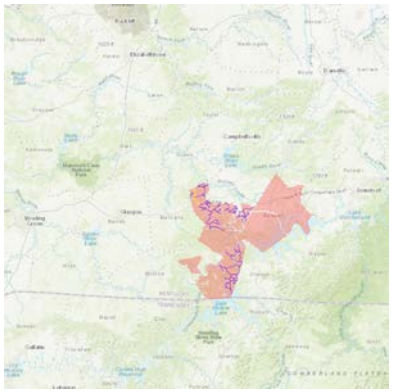
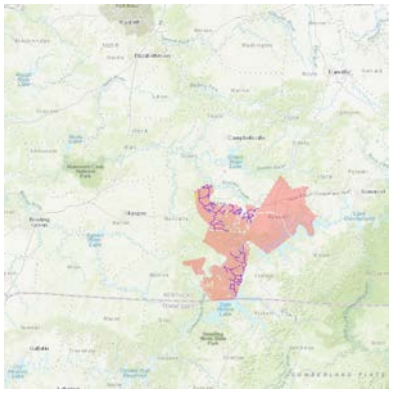
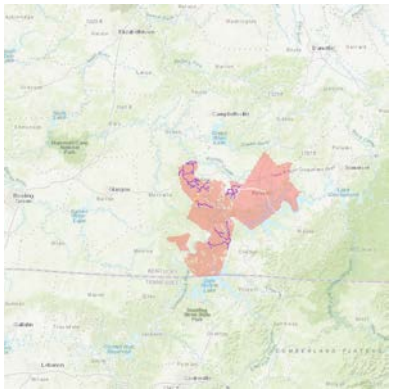
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
BV Red Bank Remote	Site		
Ernest Anderson Remote	Site		
Fairplay Remote	Site		

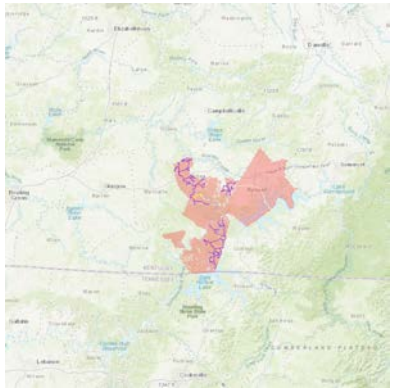
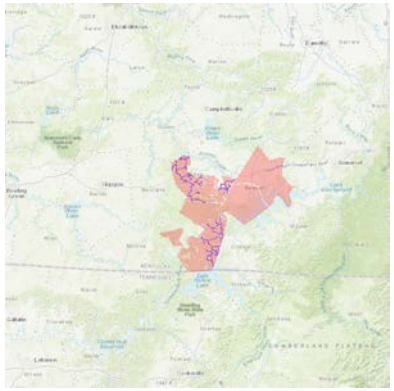
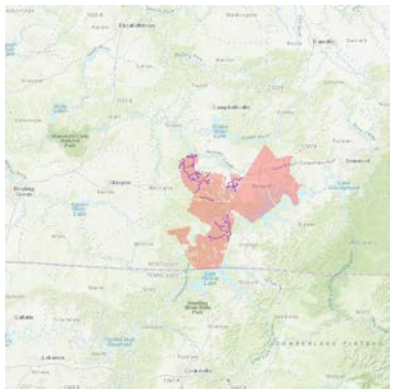
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
Glensfork Remote	Site		
AC#01 FIBER	Route	25	
AC#02 FIBER	Route	25	

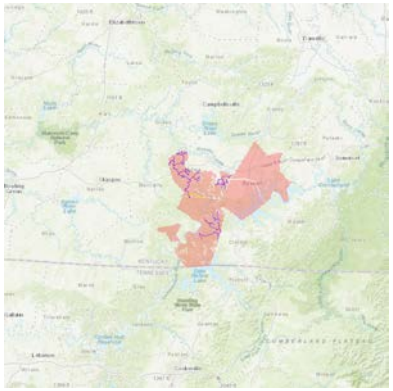
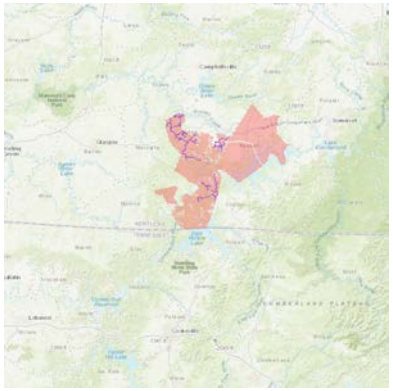
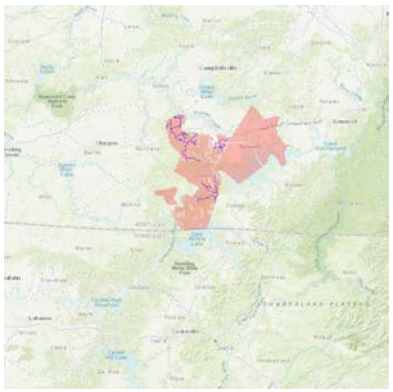
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
AC#03 FIBER	Route	25	
AC#04 FIBER	Route	25	
AC#05 FIBER	Route	25	

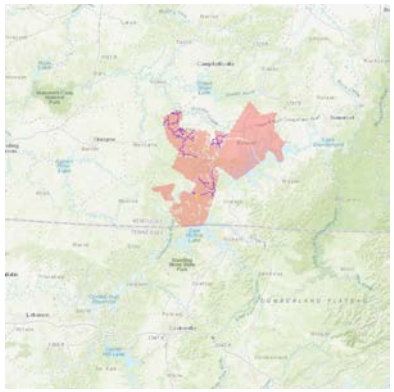
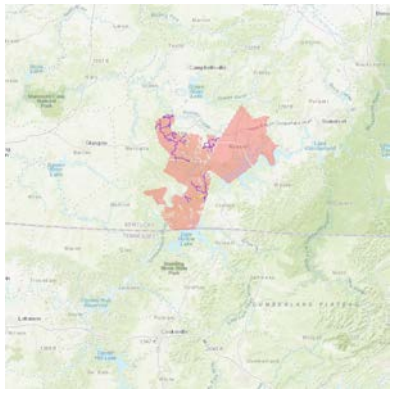
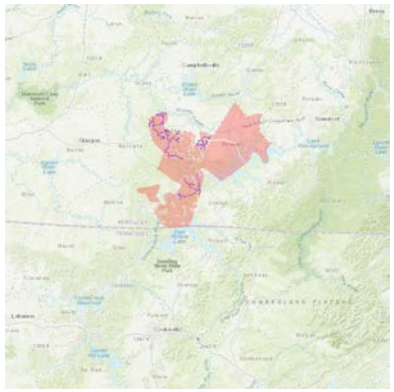
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
AC#06 FIBER	Route	25	
AC#07 FIBER	Route	25	
AC#08 FIBER	Route	25	

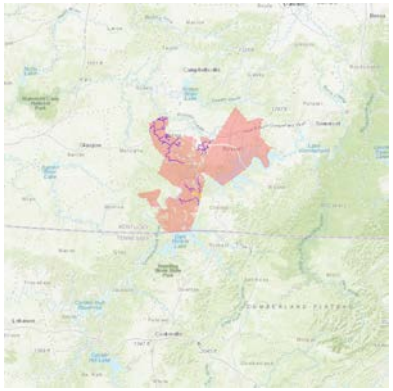
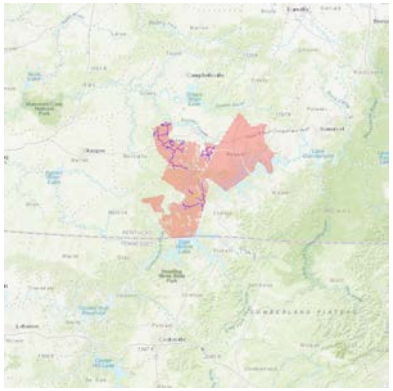
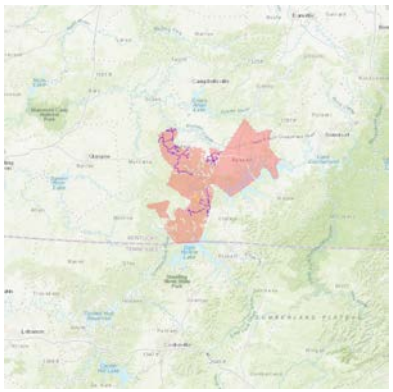
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
AC#09 FIBER	Route	25	
AC#10 FIBER	Route	25	
AC#11 FIBER	Route	25	

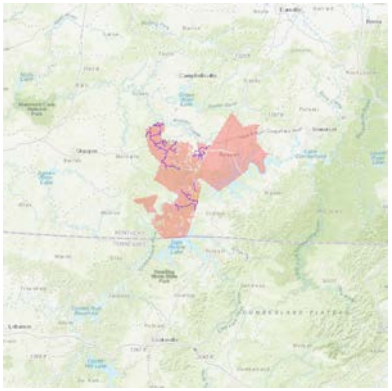
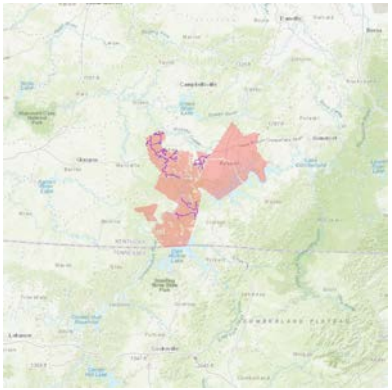
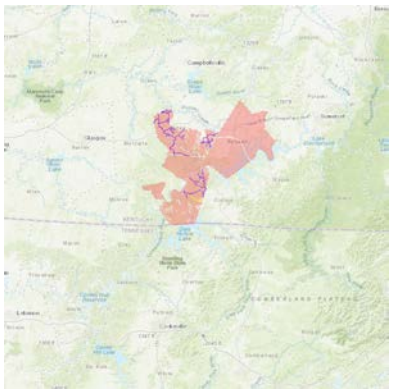
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
AC#12 FIBER	Route	25	
AC#13 FIBER	Route	25	
BR#01 FIBER	Route	25	

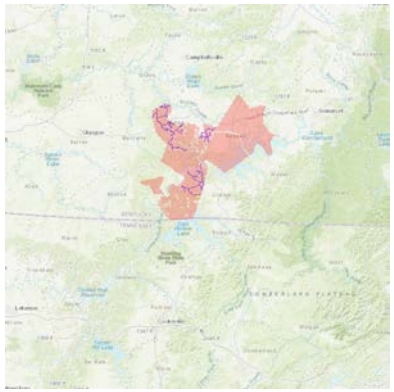
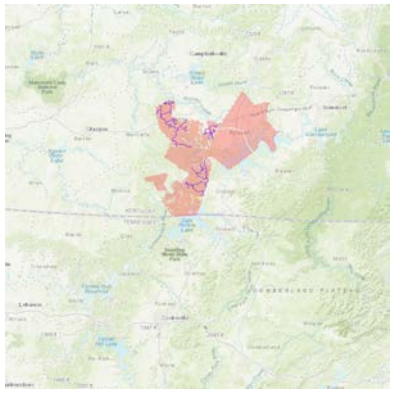
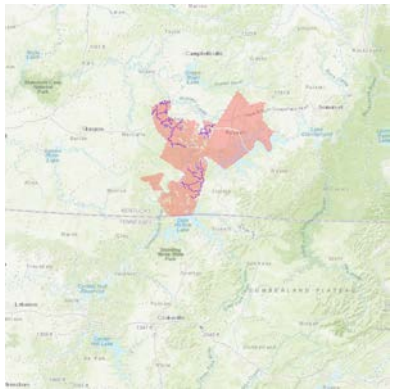
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
BR#02 FIBER	Route	25	
BR#03 FIBER	Route	25	
BR#04 FIBER	Route	25	

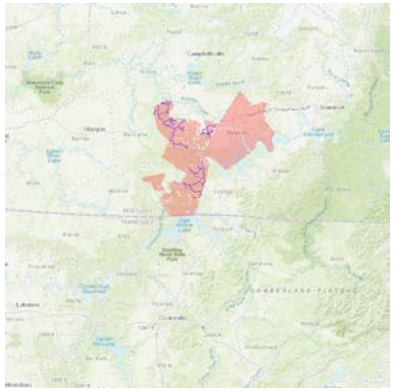
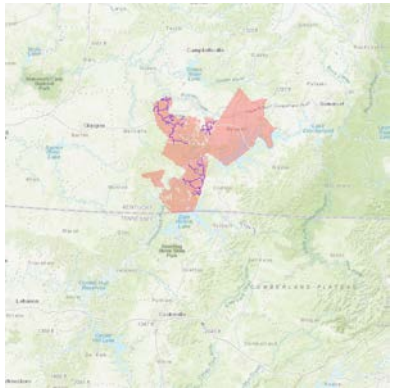
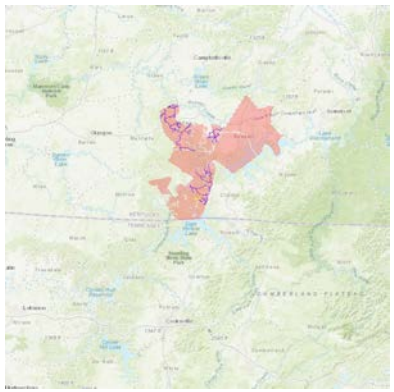
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
BR#05 FIBER	Route	25	
EA#01 Fiber	Route	25	
EA#02 Fiber	Route	25	

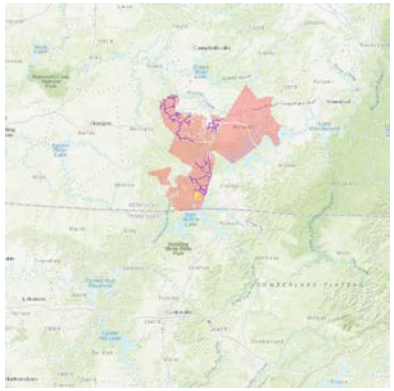
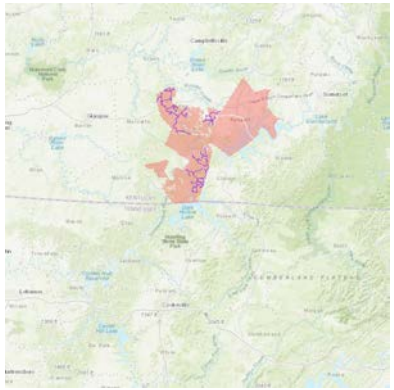
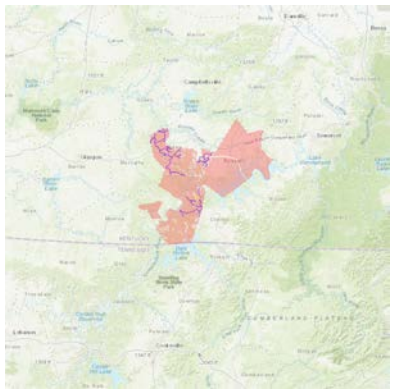
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#03 Fiber	Route	25	
EA#04 Fiber	Route	25	
EA#05 Fiber	Route	25	

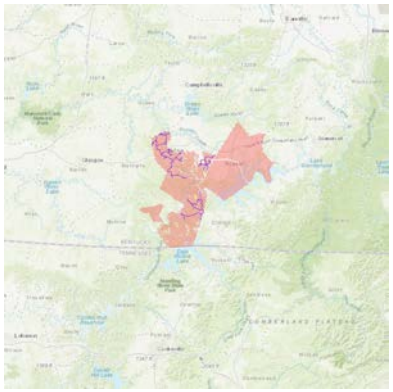
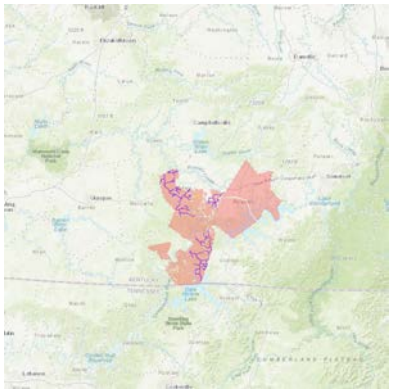
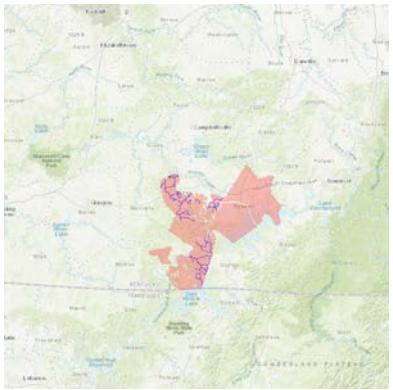
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#06 Fiber	Route	25	
EA#07 Fiber	Route	25	
EA#08 Fiber	Route	25	

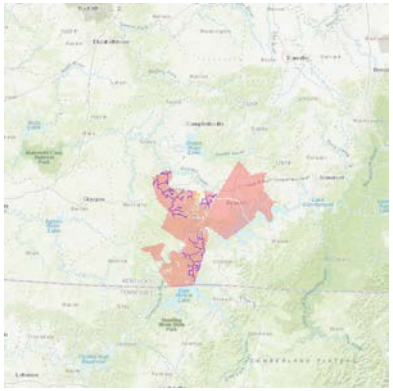
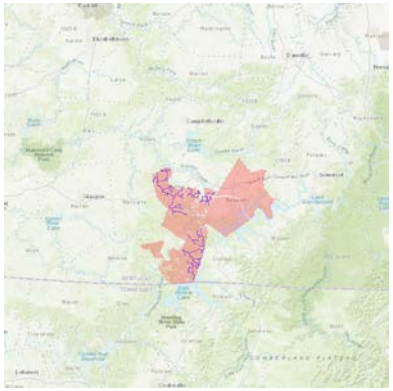
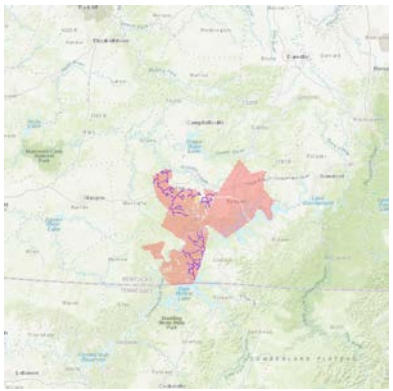
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#09 Fiber	Route	25	
EA#10 Fiber	Route	25	
EA#11 Fiber	Route	25	

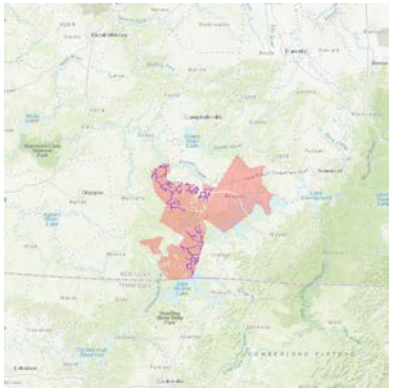
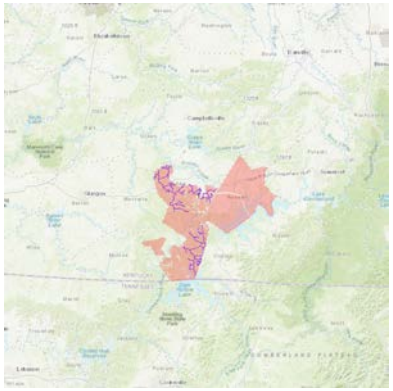
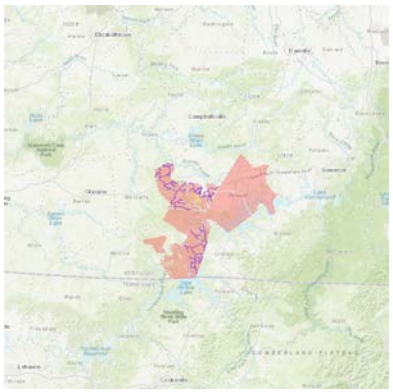
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#12 Fiber	Route	25	
EA#13 Fiber	Route	25	
EA#14 Fiber	Route	25	

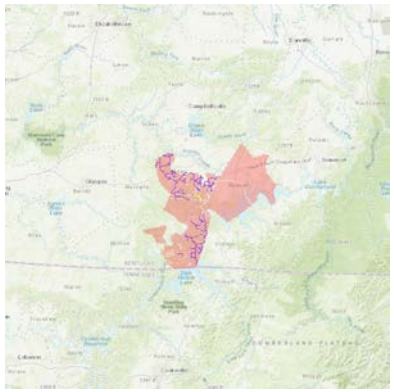
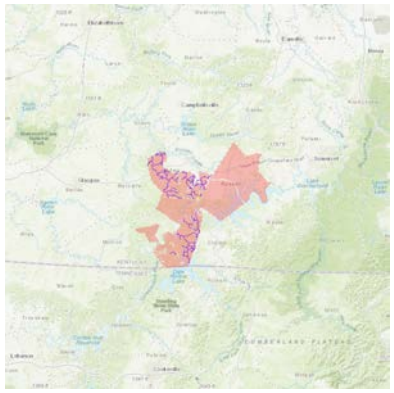
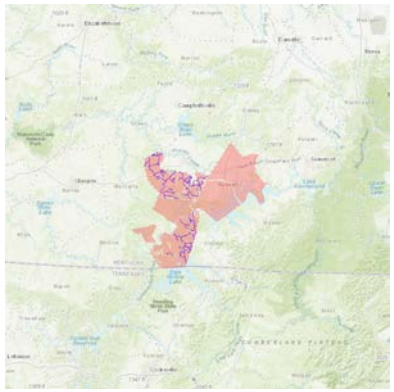
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#15 Fiber	Route	25	
EA#16 Fiber	Route	25	
EA#17 Fiber	Route	25	

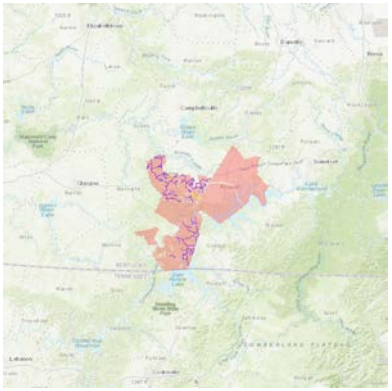
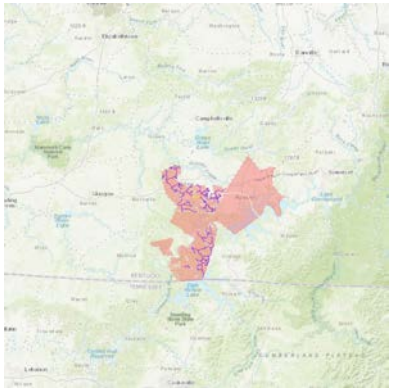
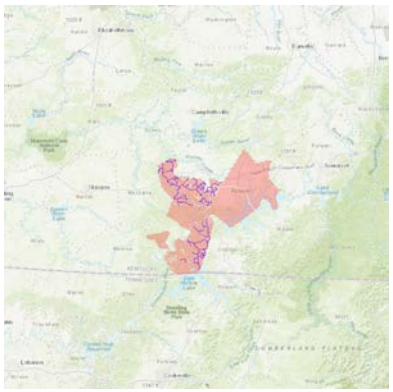
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#18 Fiber	Route	25	
EA#19 Fiber	Route	25	
EA#20 Fiber	Route	25	

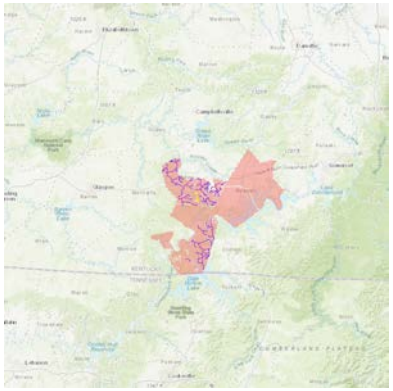
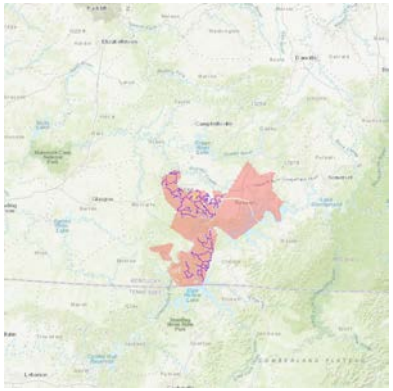
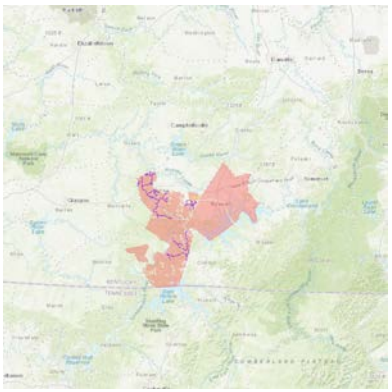
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
EA#21 Fiber	Route	25	
FP#01 FIBER	Route	25	
FP#02 FIBER	Route	25	

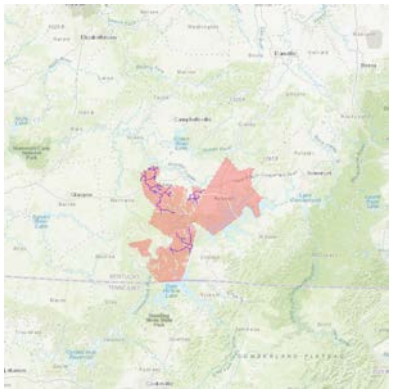
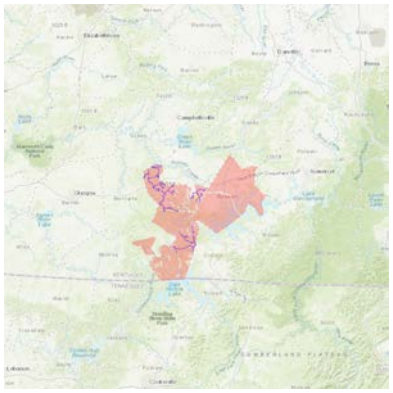
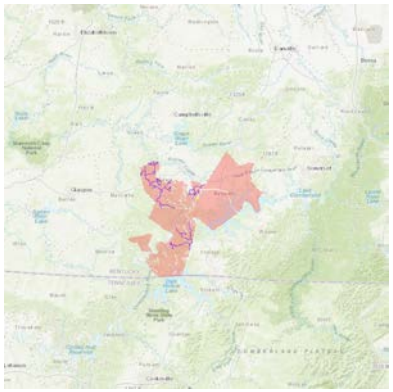
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
FP#03 FIBER	Route	25	
FP#04 FIBER	Route	25	
FP#05 FIBER	Route	25	

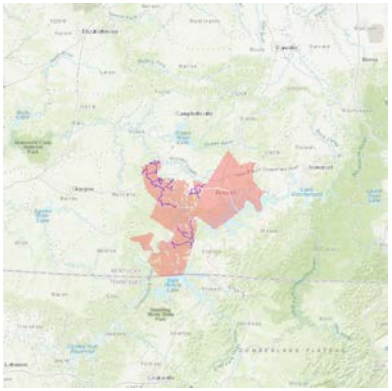
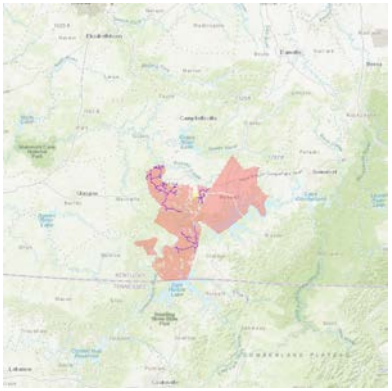
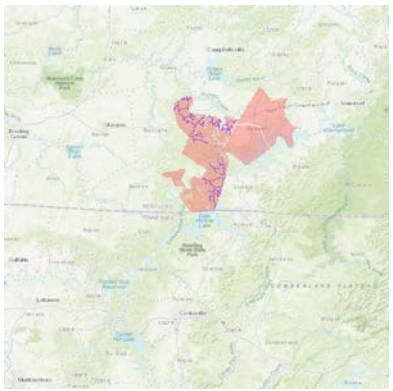
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
FP#06 FIBER	Route	25	
FP#07 FIBER	Route	25	
FP#08 FIBER	Route	25	

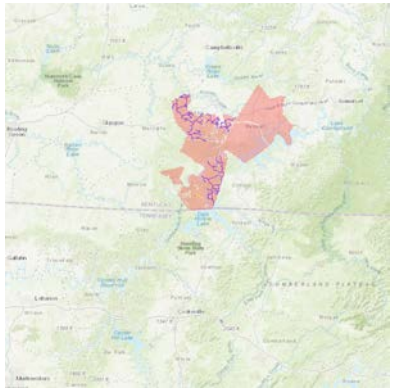
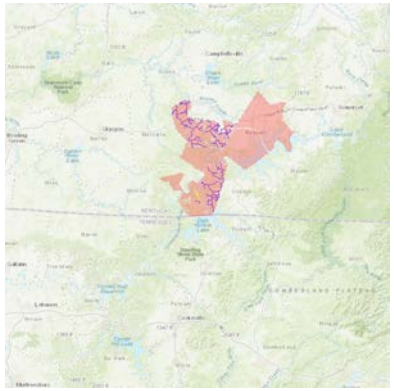
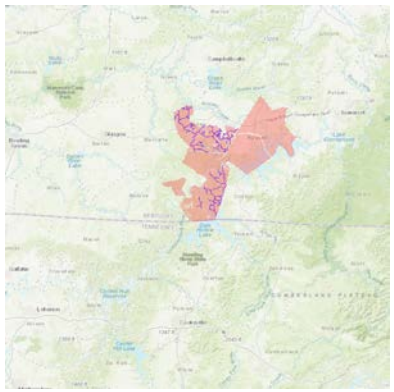
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
FP#09 FIBER	Route	25	
FP#10 FIBER	Route	25	
FP#11 FIBER	Route	25	

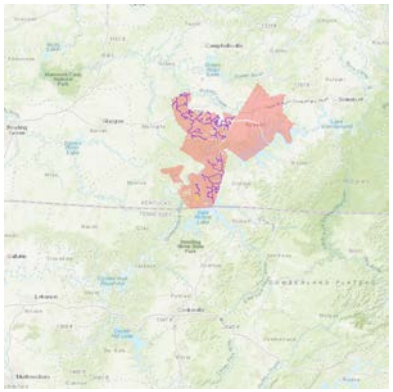
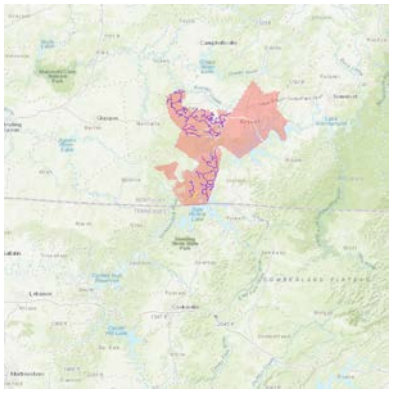
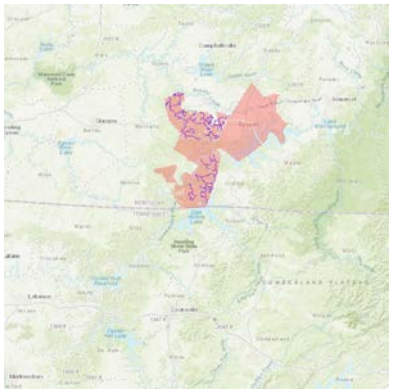
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
FP#12 FIBER	Route	25	
FP#13 FIBER	Route	25	
FP#14 FIBER	Route	25	

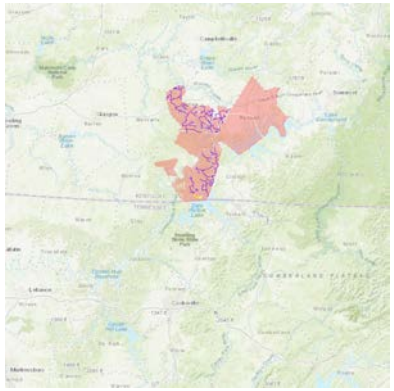
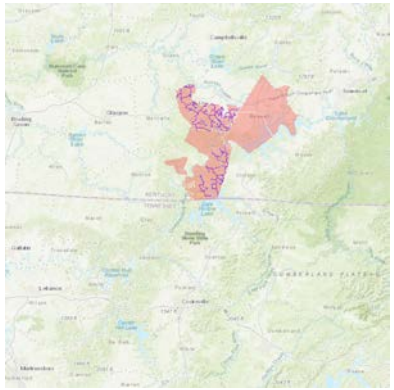
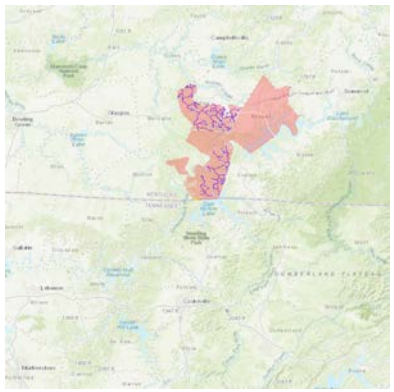
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
FP#15 FIBER	Route	25	
FP#16 FIBER	Route	25	
GF#01 FIBER	Route	25	

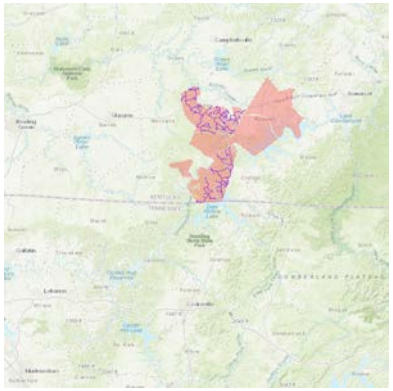
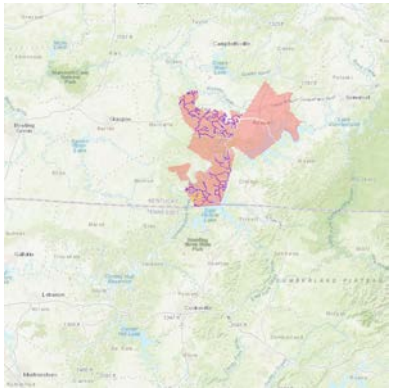
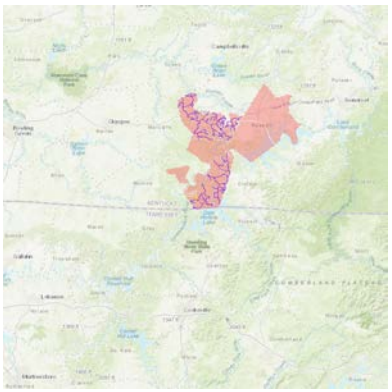
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
GF#02 FIBER	Route	25	
GF#03 FIBER	Route	25	
GF#04 FIBER	Route	25	

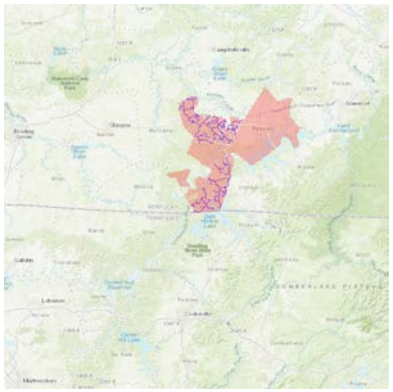
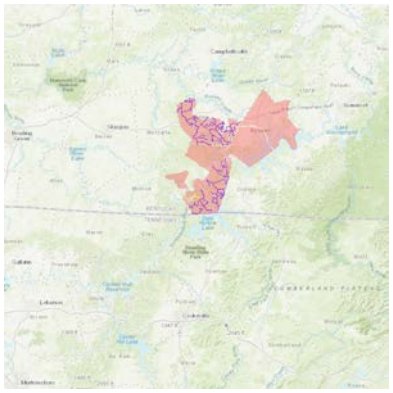
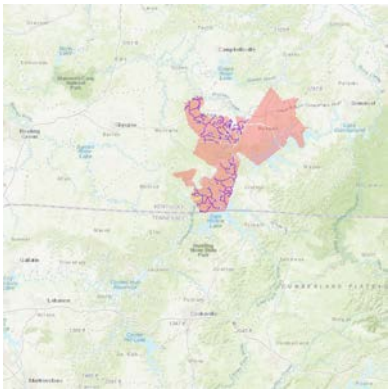
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
GF#05 FIBER	Route	25	
GF#06 FIBER	Route	25	
RB#01 Fiber	Route	25	

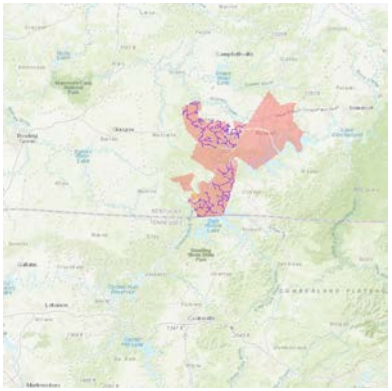
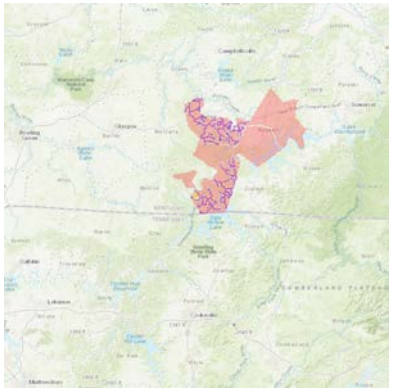
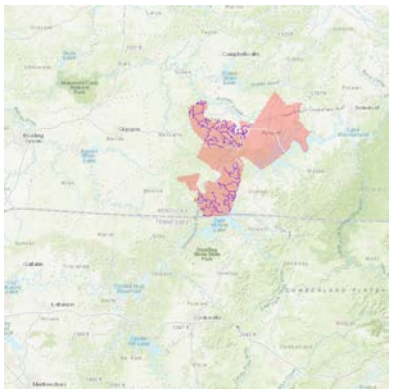
Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#02 Fiber	Route	25	
RB#03 Fiber	Route	25	
RB#04 Fiber	Route	25	

Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#05 Fiber	Route	25	
RB#06 Fiber	Route	25	
RB#07 Fiber	Route	25	

Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#08 Fiber	Route	25	
RB#09 Fiber	Route	25	
RB#10 Fiber	Route	25	

Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#11 Fiber	Route	25	
RB#12 Fiber	Route	25	
RB#13 Fiber	Route	25	

Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#14 Fiber	Route	25	
RB#15 Fiber	Route	25	
RB#16 Fiber	Route	25	

Site/Route Name	Project Location Type	Please Specify the Width of the Route (in feet):	Map
RB#17 Fiber	Route	25	
RB#18 Fiber	Route	25	
RB#19 Fiber	Route	25	

Site/Route Descriptions

Site Descriptions

Antioch Church Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
Existing location, Prefabriacted building		
	Is this an existing building or a building to be constructed?	Existing
	What is the estimated year in which the existing building was constructed	2010
	Will there be any improvements made to the existing building?	No
	Is the building currently owned by the applicant, or leased?	Owned
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	No

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
Existing Access road and parking		
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

Breeding Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
New land purchase near existing site		

Buildings		
Name	**Questions**	**Response**
	Is this an existing building or a building to be constructed?	To be Constructed
	Please select the type of building to be constructed	Pre-fabricated building/hut
	Disturbance Depth (in feet)	1
	Disturbance Length (in feet)	40
	Disturbance Width (in feet)	20
	Is the land for this building currently owned by the applicant or to be purchased?	To be purchased
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Batteries/UPS;Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	Yes
	How many generators will be installed at this building?	1
	Please select the type(s) of generator(s) that will be installed	Back-up generator
	What is the installation method for the generator(s)?	Pre-fabricated concrete
	Generator Disturbance Length (in feet)	10
	Generator Disturbance Width (in feet)	10
	Generator Disturbance Depth (in feet)	1
Proposed new prefabricated building		
	Is this an existing building or a building to be constructed?	To be Constructed
	Please select the type of building to be constructed	Pre-fabricated building/hut
	Disturbance Depth (in feet)	1
	Disturbance Length (in feet)	40
	Disturbance Width (in feet)	20
	Is the land for this building currently owned by the applicant or to be purchased?	To be purchased
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Batteries/UPS;Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	Yes
	How many generators will be installed at this building?	1
	Please select the type(s) of generator(s) that will be installed	Back-up generator
	What is the installation method for the generator(s)?	Pre-fabricated concrete
	Generator Disturbance Length (in feet)	10
	Generator Disturbance Width (in feet)	10
	Generator Disturbance Depth (in feet)	1

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
Existing Access road/parking		

Access Roads / Parking Lots		
Name	**Questions**	**Response**
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

BV Red Bank Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
Existing block building		
	Is this an existing building or a building to be constructed?	Existing
	What is the estimated year in which the existing building was constructed	1990
	Will there be any improvements made to the existing building?	No
	Is the building currently owned by the applicant, or leased?	Owned
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	No

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
Existing access road/parking		
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

Ernest Anderson Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
New land purchase near existing site		
	Is this an existing building or a building to be constructed?	To be Constructed
	Please select the type of building to be constructed	Pre-fabricated building/hut
	Disturbance Depth (in feet)	1
	Disturbance Length (in feet)	40
	Disturbance Width (in feet)	20
	Is the land for this building currently owned by the applicant or to be purchased?	To be purchased
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Batteries/UPS;Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	Yes
	How many generators will be installed at this building?	1
	Please select the type(s) of generator(s) that will be installed	Back-up generator
	What is the installation method for the generator(s)?	Pre-fabricated concrete
	Generator Disturbance Length (in feet)	10
	Generator Disturbance Width (in feet)	10
	Generator Disturbance Depth (in feet)	1
Proposed perfabricated building		
	Is this an existing building or a building to be constructed?	To be Constructed
	Please select the type of building to be constructed	Pre-fabricated building/hut
	Disturbance Depth (in feet)	1
	Disturbance Length (in feet)	40
	Disturbance Width (in feet)	20
	Is the land for this building currently owned by the applicant or to be purchased?	To be purchased
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Batteries/UPS;Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	Yes
	How many generators will be installed at this building?	1
	Please select the type(s) of generator(s) that will be installed	Back-up generator
	What is the installation method for the generator(s)?	Pre-fabricated concrete
	Generator Disturbance Length (in feet)	10
	Generator Disturbance Width (in feet)	10
	Generator Disturbance Depth (in feet)	0

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
New access road/parking with in 100 feet of the existing county road		
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

Fairplay Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
Existing building		
	Is this an existing building or a building to be constructed?	Existing
	What is the estimated year in which the existing building was constructed	1985
	Will there be any improvements made to the existing building?	No
	Is the building currently owned by the applicant, or leased?	Owned
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	No

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
Existing access road/parking		
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

Glensfork Remote

Is the proposed Site located on Tribal Land(s) as identified in the Tribal Lands layer of the Construction Map?	No
Is the proposed site located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Federal Lands layer of the construction?	No

Buildings		
Name	**Questions**	**Response**
Existing block building		
	Is this an existing building or a building to be constructed?	Existing
	What is the estimated year in which the existing building was constructed	1990
	Will there be any improvements made to the existing building?	No
	Is the building currently owned by the applicant, or leased?	Owned
	Is the applicant proposing to install any network and access equipment in this building?	Yes
	Please select the type of equipment that will be installed	Rack-mounted equipment
	Is a FCC License required for any of this equipment?	No
	Where is the equipment going to be installed?	Inside of the building
	Is the applicant proposing to install a generator at this building?	No

Towers		
Name	**Questions**	**Response**

Access Roads / Parking Lots		
Name	**Questions**	**Response**
Existing access road/parking		
	Is this an upgrade to an existing access road/parking lot, construction of a new access road/parking lot, or expansion of a new access road/parking lot?	Upgrade to an existing Access Road/Parking Lot
	Ground Disturbance Length (in feet)	
	Ground Disturbance Width (in feet)	
	Ground Disturbance Depth (in feet)	
	What type of material will be used to construct or expand the access road or parking lot?	

Route Descriptions

AC#01 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000

Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#02 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	4.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#03 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#04 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#05 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route

Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#06 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#07 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#08 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No

Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	7.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#09 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	6.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#10 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	6.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#11 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	8.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#12 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	6.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

AC#13 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

BR#01 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	6.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

BR#02 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

BR#03 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	3.000
Plowed Width	1.000
Plowed Depth	3.000

Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

BR#04 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

BR#05 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#01 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	3.000

Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#02 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#03 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#04 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	6.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#05 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#06 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#07 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	3.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#08 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#09 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#10 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#11 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No

Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#12 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#13 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#14 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No

Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#15 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#16 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#17 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route

Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#18 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	4.000
Aerial Cables on Existing Poles Miles	10.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#19 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#20 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No

Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

EA#21 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed
Plowed Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#01 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	4.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#02 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route

Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	4.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#03 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	7.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#04 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#05 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	4.000

Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#06 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	4.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#07 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#08 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles

Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#09 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#10 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#11 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route

Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	1.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#12 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	7.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#13 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#14 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	2.000

Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#15 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	3.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

FP#16 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	4.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#01 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles

Aerial Cables on Existing Poles Miles	6.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#02 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	6.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#03 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#04 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#05 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	3.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

GF#06 FIBER

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	4.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#01 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	2.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#02 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	4.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#03 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	7.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#04 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#05 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles

Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#06 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	4.000
Aerial Cables on Existing Poles Miles	1.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#07 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed
Plowed Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#08 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	5.000

Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#09 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	3.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#10 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	5.000
Aerial Cables on Existing Poles Miles	5.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#11 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles

Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#12 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	6.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#13 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed
Plowed Miles	3.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#14 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	2.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#15 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	5.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#16 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Aerial Cables on Existing Poles
Aerial Cables on Existing Poles Miles	10.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#17 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#18 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No

Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	4.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

RB#19 Fiber

Is the proposed route located on or does it cross Tribal Land(s) as identified in the Tribal Lands layer of the construction map?	No
Is the proposed route located on or does it cross Federally Managed Land(s) as identified in the Formally Classified Lands layer of the construction map?	No
Is the route new or upgrading/rebuilding existing telecommunication facilities?	Upgrading/Rebuilding Route
Is the route in a previously-developed, existing right-of-way?	Yes. The Route will be in a previously-developed, existing Right-of-Way
What is the installation method?	Plowed;Aerial Cables on Existing Poles
Plowed Miles	1.000
Aerial Cables on Existing Poles Miles	2.000
Plowed Width	1.000
Plowed Depth	3.000
Will associated cabinets or underground vaults be installed nearby in previously-disturbed or developed land?	No vaults or cabinets will be installed on this route

Environmental Questionnaire

☑ By checking the box, I affirm that I have completed the Construction Map and Site/Route Descriptions. While checked, the Construction Map and Site/Route Descriptions will lock for completion of the below EQs. To edit the Construction Map and/or Site/Route Descriptions, uncheck the box. Changing the information provided on the previous pages may result in changes to the requirements for the EQs.

This application requires completion of the Section 106 of the environmental questionnaire.

Environmental Documents

Environmental Information Documents

Section	Document Type	Description	File Name	User	Date/Time
Environmental Information	NHPA Section 106 Environmental Questionnaire		ReConnect_Program_Section_106_EQ rev 1.pdf	Mark Henry	May 17, 2019, 16:22
Environmental Information	NHPA Section 106 Environmental Questionnaire		RD_Applicant_NPA_Certification.pdf	Mark Henry	May 17, 2019, 16:23
Environmental Information	Project Environmental Questionnaire		Reconnect_Program_Project_EQ rev1.pdf	Mark Henry	May 17, 2019, 15:08
Environmental Information	Project Environmental Questionnaire	Endangered Species List	Special_Status_Plant_and_Wildlife_Species_Table - Duo County Telephone.xlsx	Mark Henry	May 24, 2019, 16:46

Site Environmental Questionnaires