Tribal Broadband Connectivity Program Mapping Requirements and Available Resources

September 2023

Housekeeping

Questions

- Type questions in the Q&A box on the right hand side of the screen. Questions and answers will be available on the FAQ section of out website
- Notice of Funding Opportunity

Presentation

- The presentation along with a transcript and recording will be available on the BroadbandUSA website under Events/Past Event.
- Round Two Notice of Funding Opportunity | BroadbandUSA (doc.gov)

This presentation is for informational purposes only and is intended solely to assist applicants in better understanding the NTIA Tribal Broadband Connectivity Program, and the requirements set forth in the program's second Notice of Funding Opportunity (Second TBCP NOFO). This presentation does not and is not intended to supersede, modify, or otherwise alter applicable statutory or regulatory requirements, or the specific application requirements set forth in the Second TBCP NOFO. In all cases, statutory and regulatory mandates and the requirements set forth in the Second TBCP NOFO shall prevail over any inconsistencies contained in this presentation.

Agenda

1. TBCP Round Two Key Changes
2. Round Two Application Mapping Requirements
3. Network Mapping Examples
4. FCC Mapping Resources
5. BIA Mapping Resources
6. Q&A

Tribal Broadband Connectivity Program – Round Two Key Changes

Round Two Key Changes

The significant changes established for mapping requirements in round two of TBCP funding will:

- Allow application reviewers to efficiently identify critical components of the proposed service area, proposed network, and households, businesses, and community anchor institutions to be served.

- Facilitate the broadband availability and de-duplication analysis.

*See page 27 of the NOFO for "Maps of Proposed Service Areas" requirements

Round Two Application Mapping Requirements

Application Mapping Requirements

- Applicants must submit mapping in the form of a GIS Shapefile as a part of their application.
- Applications with maps that are submitted in any other format will be considered incomplete.
- Applicants must separate or differentiate proposed infrastructure that is part of their application for TBCP funding from existing infrastructure using separate layers or files.

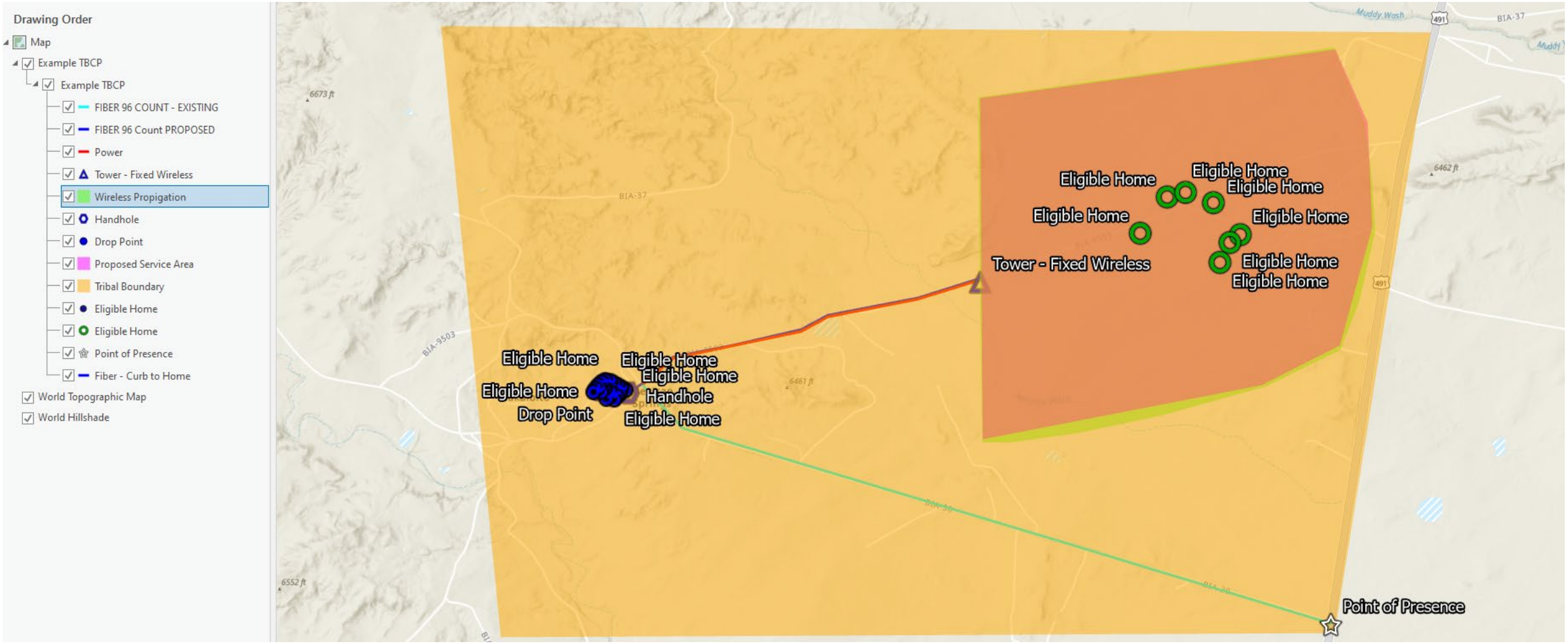
Application Mapping Requirements

Mapping shapefiles must include at least the following elements:

- Proposed and existing fiber
- Proposed and existing infrastructure (e.g., towers, power poles, buildings, or structures)
- Distance/location of overhead construction
- Distance/location of underground construction
- Drop points (identify if overhead or underground)
- Fiber counts
- Innerduct size and count
- Handholes and testing stations
- Power supply and backup power
- Backhaul connection
- Tribal boundary
- Tribal home locations (proposed connections)
- Tribal business locations (proposed connections)
- Community Anchor Institution locations (proposed locations)
- Proposed service area
- Last mile connections (proposed connections)
- Points of presence
- Proposed or existing network shelter
- Census blocks
- Network propagation maps

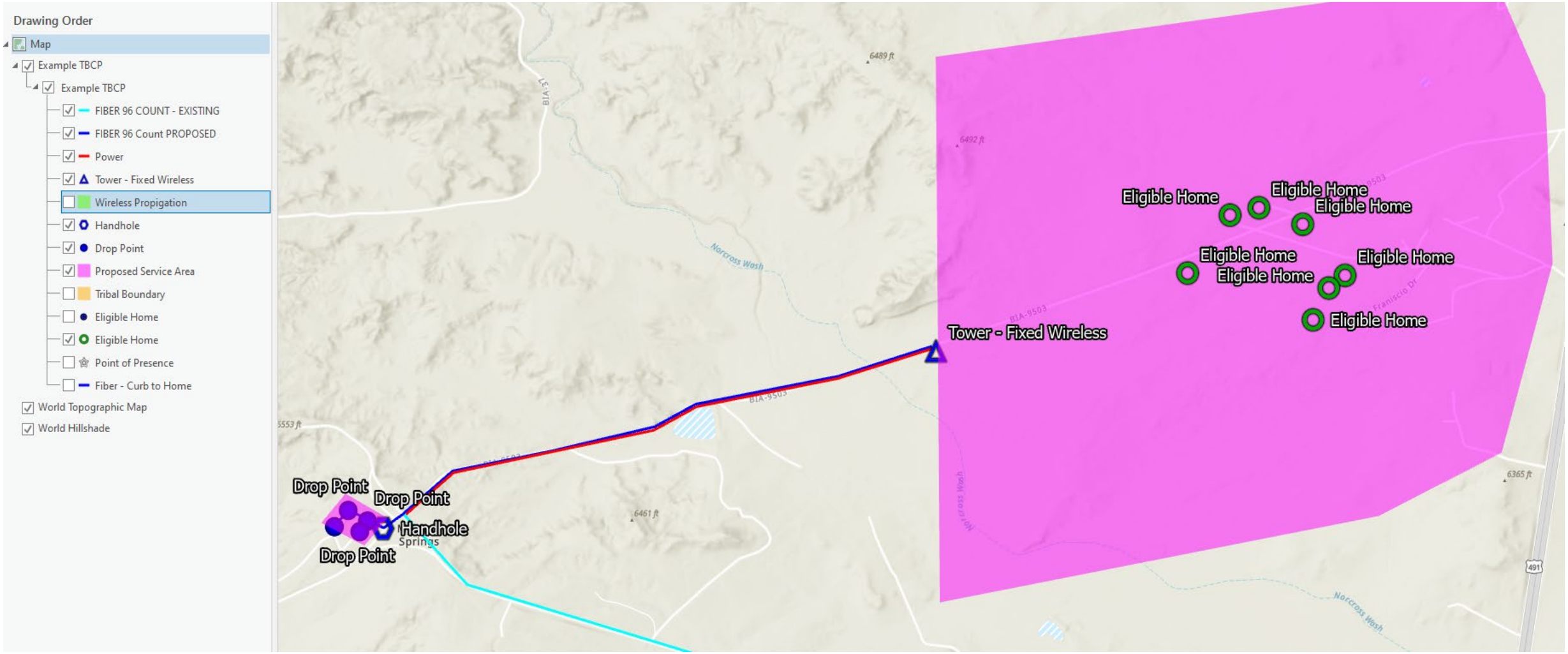
Network Mapping Examples

Example: Complete Network

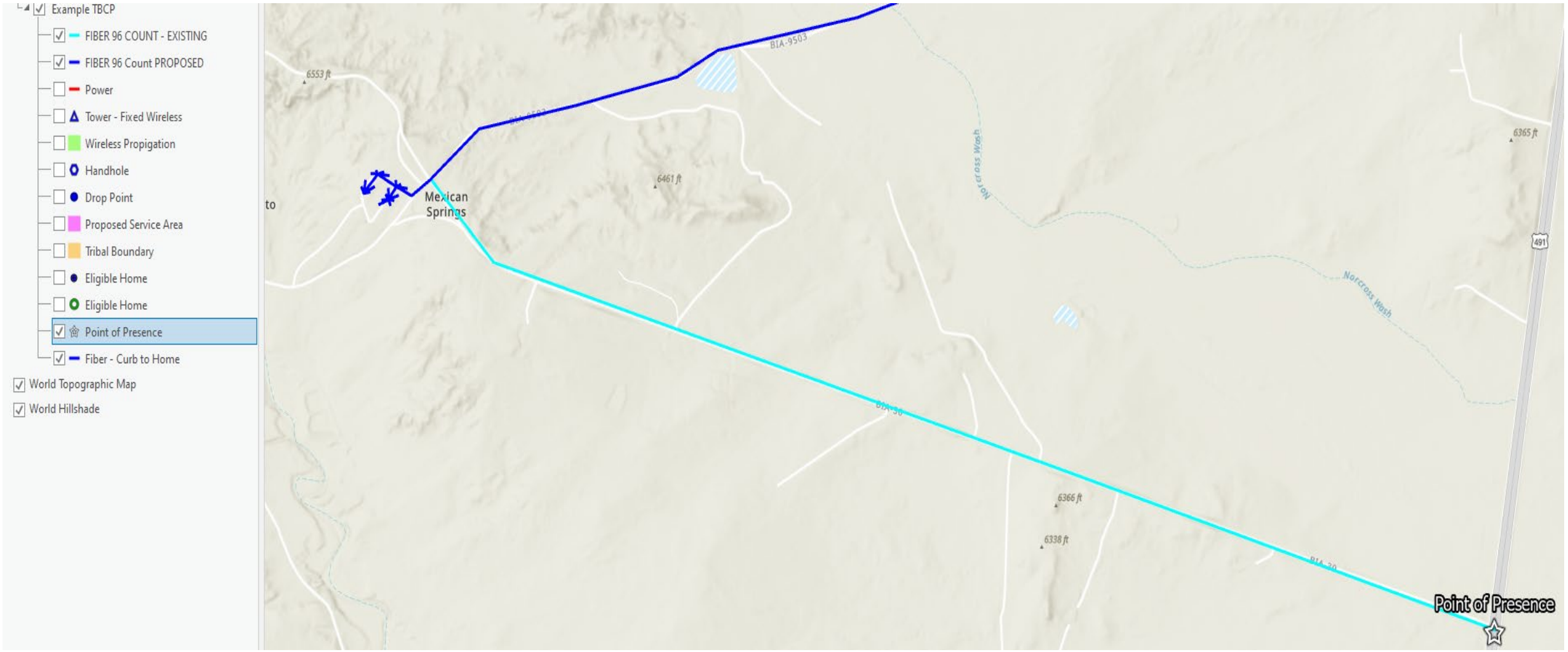


Example: Tribal Boundary

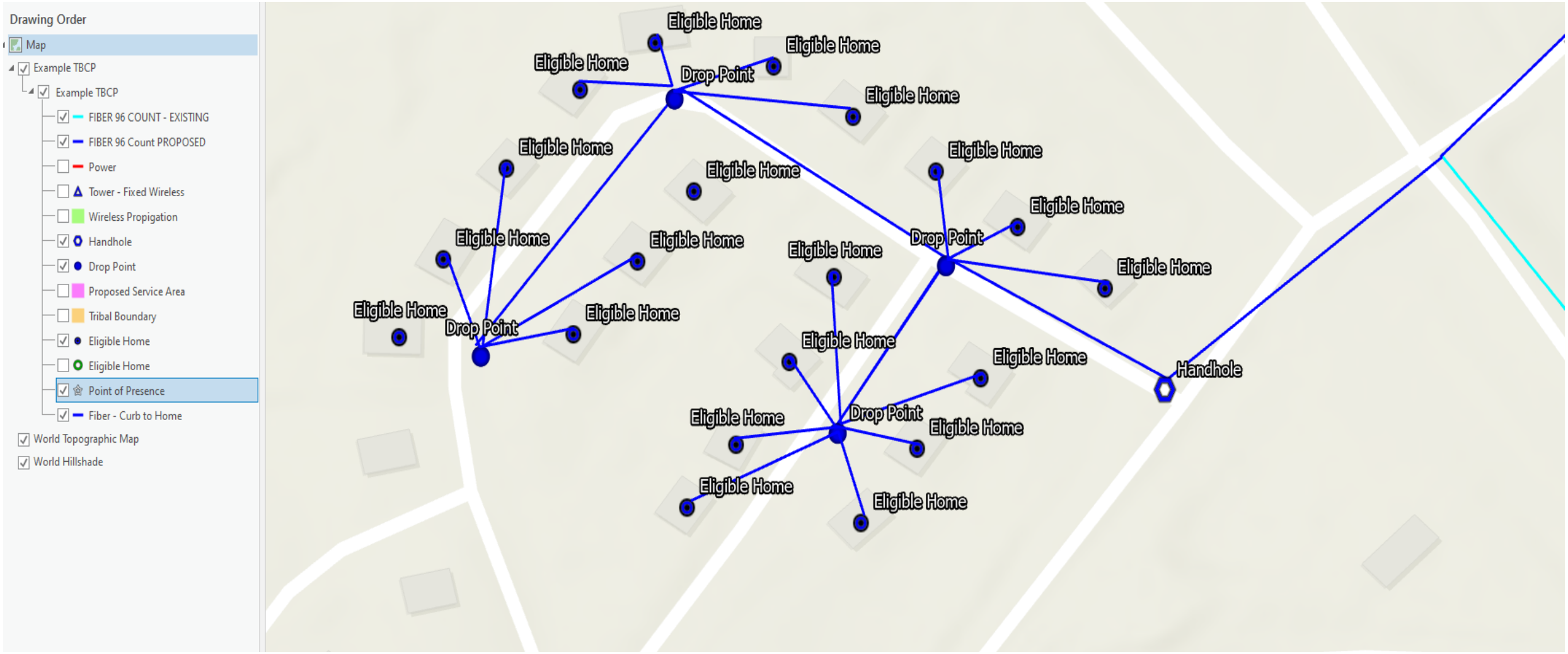
Example: Proposed Service Areas



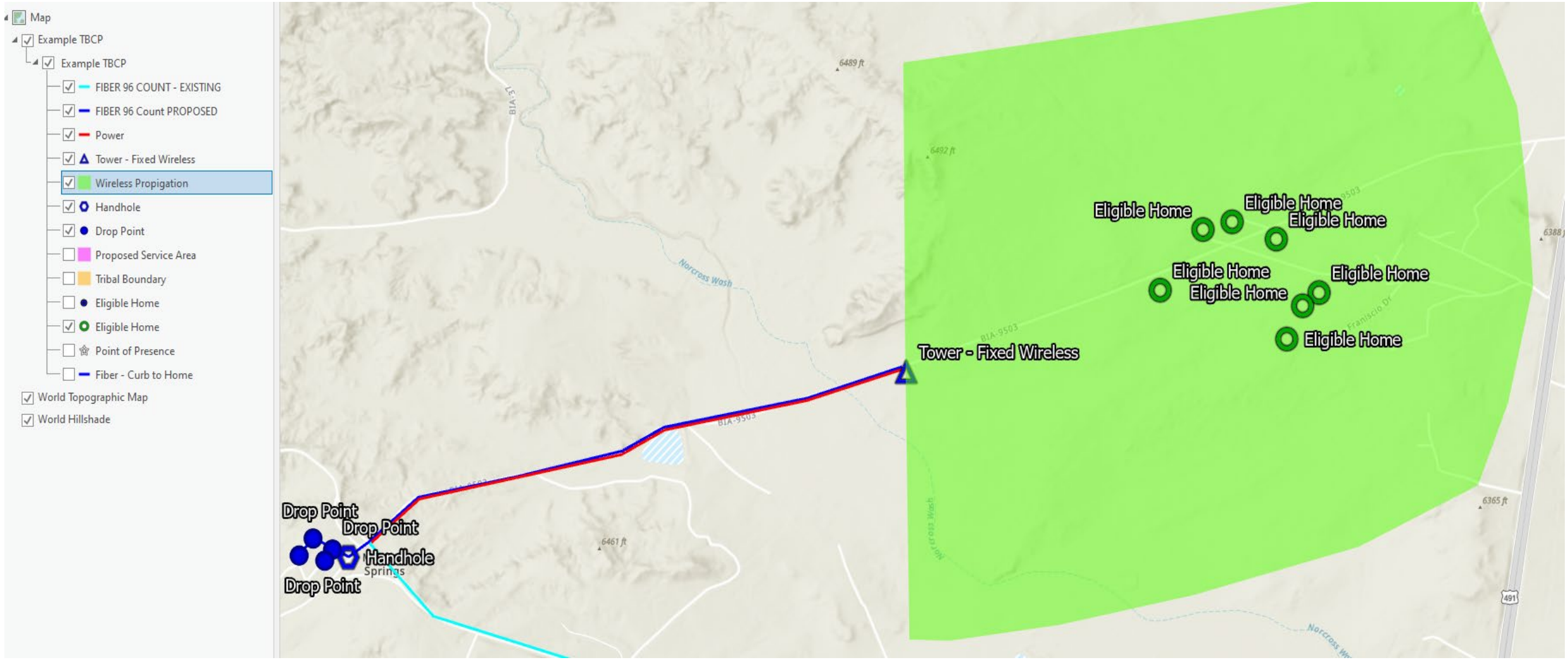
Example: Existing and Proposed Fiber Routes



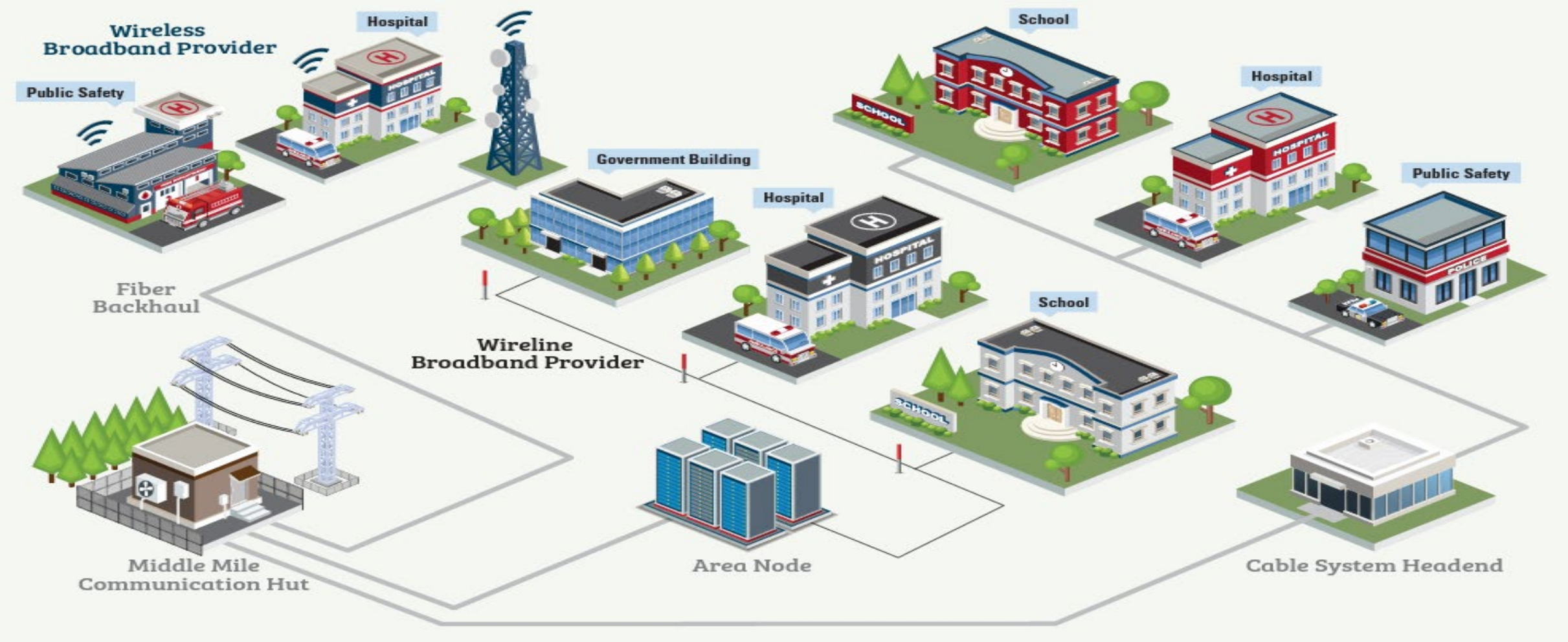
Example: Last Mile Connection (Fiber to the Premise)



Example: Licensed Fixed Wireless Solution



Example: Network Diagram



FCC Slide Placeholder

BIA Slide Placeholder

Tribal Broadband Leaders Network

One-stop shop for resources on broadband efforts on Tribal Land

Active network of Tribal leaders leading broadband efforts

Channel for communication and review of polices between federal agencies and Tribes

To join TBLN, email tbln@ntia.gov

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