



STRATA
NETWORKS®

Lehi City Update

JANUARY 25, 2023



PROJECT OVERVIEW

LEHI CITY FIBER PROJECT

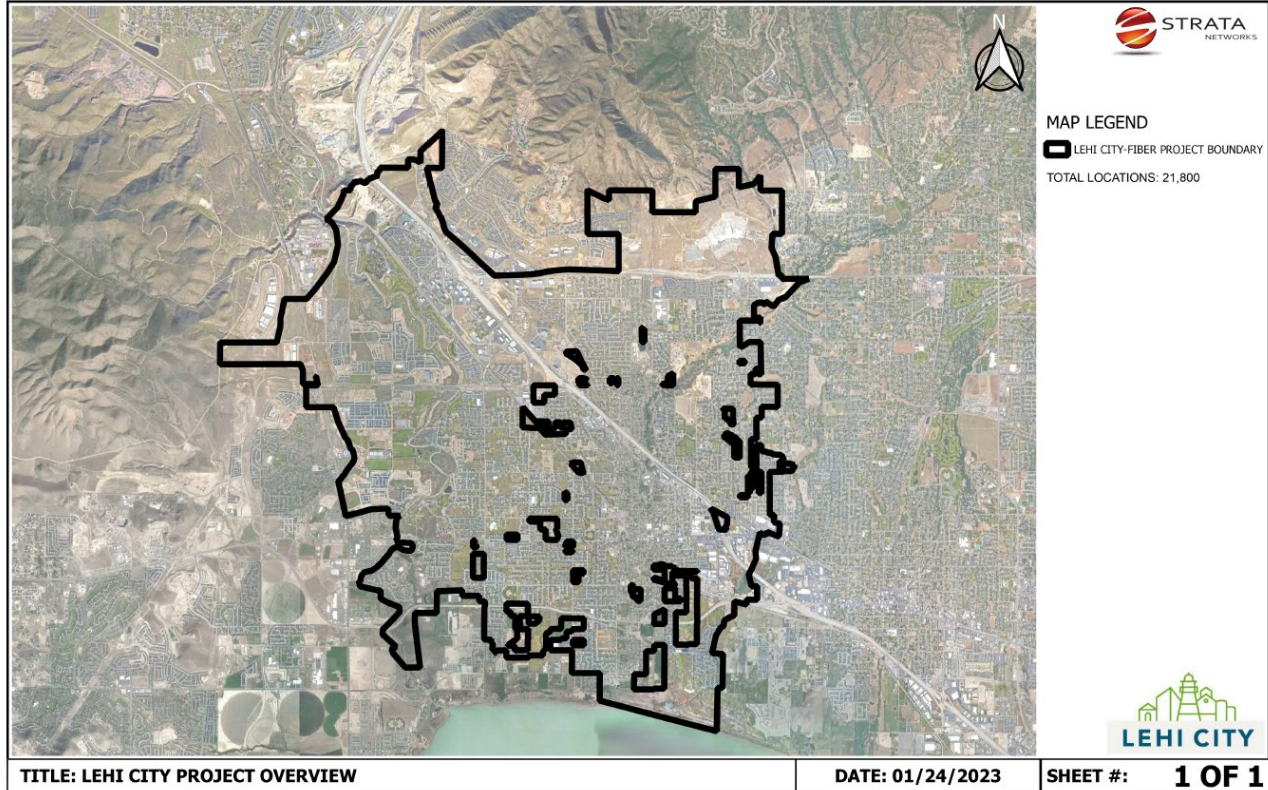


Figure 1 – Lehi City Fiber Project Overview

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|-----------------------------------|--|--|--|
| Notice to Proceed: 17 May 2022 | Demand Aggregation Launch: 8 July 2022 | Groundbreaking Ceremony: 6 September 2022 | Substantial Completion: 17 May 2025 |
|-----------------------------------|--|--|--|



Mainline construction consists of mainline conduit and service terminal (i.e., pedestals and vaults) placement which primarily follows city streets within city rights-of-way. This establishes the pathway for the feeder and distribution fiber cables, and service terminals provide access to cables to allow connections to individual locations.

Next, fiber is placed in conduit using highly pressurized air to float fiber optic cable through conduit runs. Once placed, fiber fusion splicing connects fiber optic cables and service terminals into the network.

Crews construct conduit runs and place a fiber drop from the service terminal at the street to a structure at each location. Drop crews primarily place conduit via a small open trench or narrow plow. During this process, conduit may be temporarily stubbed near the home until an installation is scheduled.

Technicians will perform an installation at each location, which includes installing the Optical Network Terminal (ONT) and initial provisioning which allows each customer to receive broadband internet service with an Internet Service Provider (ISP) on the Lehi City network of their choice.

There are four shelter zones in the Lehi City Fiber Project. Design and construction will begin at the Zone 1 shelter, followed by segments of the network backbone ring that will bring all four shelters onto the network. As the ring is established, infrastructure surrounding the ring will be built. Then the remaining areas will be prioritized according to a number of factors, including pre-registrations on lehi.fibertomycity.com.

ENGINEERING, DESIGN and CONSTRUCTION

Mid-Level Design

Field data collection for cabinet areas around the second section of the network backbone fiber route is in progress and anticipated to be completed in the upcoming weeks.

Mid-level designs (1) identify fiber needs to city infrastructure within the project area, (2) avoid negative impacts to existing Lehi Power aerial infrastructure, and (3) identify sensitive areas where permitting and construction have potential to affect the initial network backbone feeder route and beginning distribution areas.

Low-Level Design and Construction Documents

Construction drawings for the second, third, and fourth cabinet areas are being submitted to the city for permit review. The announcement and beginning of the construction for those cabinet areas and projects will occur after the reviews are completed and permits are obtained.

Shelter Designs and Construction

The two beginning shelter buildings have been installed at their respective permanent locations. Power, gas, and equipment installation is in progress. The final two shelters have been submitted to the city for review and approval.

Ring and Distribution Fiber Construction

Construction on the beginning section of backbone ring is in progress. Construction for the first distribution area has started. Citizens have been notified of construction beginning work within the initial distribution area. Future notifications to the citizens in the area will occur as the work continues.

Weekly Meetings

The weekly meetings are successful in collaborating engineering, design, and construction. Additional meetings have also been held to discuss other topics, including fiber facilities for future developments, marketing, network operations, ISP interface and onboarding, Lehi City network & IT needs, the demand aggregation tool, and communication for public questions, comments, and concerns.

MARKETING/PUBLIC RELATIONS

As of January 23, 2023, the demand aggregation platform lists 6,610 unique addresses registered within city limits.

Throughout the month, Lehi City provided its social media followers with a better understanding of fiber internet through an educational post series.

Currently, the marketing team is working with Lehi City to create short Q&A videos for residents to help answer common questions that might arise. These videos may be used in future social posts as well as on website assets.

In addition, the marketing team is working to provide Lehi City with assets and mailing lists needed now that construction has begun, including a letter and postcard to be distributed to residents and businesses which will describe what to expect during construction and where to find additional information about the project.

NETWORK OPERATIONS

Lehi Fiber Located Within New Developments

STRATA Networks and Lehi City are working together to complete planning and fiber designs for Lehi Fiber facilities as part of new development projects that are within the city limits. This effort is an attempt to take advantage of construction opportunities that allow future growth of the network and that will minimize the future construction impacts in new development areas.