



## **CITY OF ROLLINGWOOD UTILITY COMMISSION AGENDA**

**Tuesday, May 02, 2023**

Notice is hereby given that the Utility Commission of the City of Rollingwood, Texas will hold a meeting, open to the public, in the Municipal Building at 403 Nixon Drive in Rollingwood, Texas on May 02, 2023 at 5:30 PM. Members of the public and the Utility Commission may participate in the meeting virtually, as long as a quorum of the Utility Commission and the presiding officer are physically present at the Municipal Building, in accordance with the Texas Open Meetings Act. The public may watch this meeting live and have the opportunity to comment via audio devices at the link below. The public may also participate in this meeting by dialing one of the toll-free numbers below and entering the meeting ID and Passcode.

**Link:** <https://us02web.zoom.us/j/5307372193?pwd=QmNUbmZBQ1lwUjNjNmM5RnJreIRFUT09>

**Toll-Free Numbers:** (833) 548-0276 or (833) 548-0282

**Meeting ID:** 530 737 2193

**Password:** 9fryms

The public will be permitted to offer public comments via their audio devices when logged in to the meeting or telephonically by calling in as provided by the agenda and as permitted by the presiding officer during the meeting. If a member of the public is having difficulties accessing the public meeting, they can contact the city at [dadair@rollingwoodtx.gov](mailto:dadair@rollingwoodtx.gov). Written questions or comments may be submitted up to two hours before the meeting. A video recording of the meeting will be made and will be posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request.

### **CALL UTILITY COMMISSION MEETING TO ORDER**

1. Roll Call

### **PUBLIC COMMENTS**

Citizens wishing to address the Utility Commission for items not on the agenda will be received at this time. Please limit comments to 3 minutes. In accordance with the Open Meetings Act, the Utility Commission is restricted from discussing or taking action on items not listed on the agenda.

Citizens who wish to address the Utility Commission with regard to matters on the agenda will be received at the time the item is considered.

### **CONSENT AGENDA**

All Consent Agenda items listed are considered to be routine by the Utility Commission and may be enacted by one (1) motion. There will be no separate discussion of Consent Agenda items unless a Board Member has requested that the item be discussed, in which case the item will be removed from the Consent Agenda and considered in its normal sequence on the Regular Agenda.

- 2. Discussion and possible action on the April 4, 2023 Utility Commission meeting minutes

**REGULAR AGENDA**

- 3. Presentation and discussion regarding the proposed installation of Network Facilities by Google Fiber Texas LLC

**ADJOURNMENT OF MEETING**

**CERTIFICATION OF POSTING**

I hereby certify that the above Notice of Meeting was posted on the bulletin board at the Rollingwood Municipal Building, in Rollingwood, Texas and to the City website at [www.rollingwoodtx.gov](http://www.rollingwoodtx.gov) at **5:00 p.m.** on **April 28, 2023**.

*Desiree Adair*  
Desiree Adair, City Secretary

NOTICE -

The City of Rollingwood is committed to compliance with the Americans with Disabilities Act. Reasonable modifications and equal access to communications will be provided upon request. Please contact the City Secretary, at (512) 327-1838 for information. Hearing-impaired or speech-disabled persons equipped with telecommunication devices for the deaf may call (512) 272-9116 or may utilize the stateside Relay Texas Program at 1-800-735-2988.

The Utility Commission will announce that it will go into executive session, if necessary, to deliberate any matter listed on this agenda for which an exception to open meetings requirements permits such closed deliberation, including but not limited to consultation with the city's attorney(s) pursuant to Texas Government Code section 551.071, as announced at the time of the closed session.

Consultation with legal counsel pursuant to section 551.071 of the Texas Government Code;  
discussion of personnel matters pursuant to section 551.074 of the Texas Government Code;  
real estate acquisition pursuant to section 551.072 of the Texas Government Code;  
prospective gifts pursuant to section 551.073 of the Texas Government Code;  
security personnel and device pursuant to section 551.076 of the Texas Government Code;  
and/or economic development pursuant to section 551.087 of the Texas Government Code.  
Action, if any, will be taken in open session.



## **CITY OF ROLLINGWOOD UTILITY COMMISSION MINUTES**

**Tuesday, April 04, 2023**

The Utility Commission of the City of Rollingwood, Texas held a meeting, open to the public, in the Municipal Building at 403 Nixon Drive in Rollingwood, Texas on Tuesday, April 4, 2023 at 5:30 PM. Members of the public and the Utility Commission were able to participate in the meeting virtually, as long as a quorum of the Utility Commission and the presiding officer were physically present at the Municipal Building, in accordance with the Texas Open Meetings Act. A video recording of the meeting was made and will be posted to the City's website and available to the public in accordance with the Texas Public Information Act upon written request.

### **CALL UTILITY COMMISSION MEETING TO ORDER**

1. Roll Call

**Chair Jonathan Miller called the meeting to order at 5:30 p.m.**

**Present Members:** Chris Kirksey, Clark Wilson, Chair Jonathan Miller, Walt Roloson, and Elizabeth Bray

**Also Present:** City Administrator Ashley Wayman, Council Member Phil McDuffee, City Secretary Desiree Adair, Assistant to the City Administrator Makayla Rodriguez and Utility Billing Manager Veronica Hernandez

### **PUBLIC COMMENTS**

There were no public comments.

### **CONSENT AGENDA**

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2. Discussion and possible action on the minutes from the February 7, 2023 Utility Commission meeting

**Chair Jonathan Miller moved to approve the minutes. Elizabeth Bray seconded the motion. The motion carried with 5 in favor and 0 against.**

**REGULAR AGENDA**

- 3. Discussion and possible action on the cellular service survey questionnaire and the methods of distribution

City Administrator Ashley Wayman updated the Utility Commission on City Council’s review of the draft cellular service survey questionnaire. It was requested that one additional question be added regarding cellular service when the power is out and no Wi-Fi calling is available.

The Utility Commission discussed options for distribution of the survey and the wording of the questions. The subcommittee will work on the language of the questions before sending to City Council.

- 4. Update on the Water Capital Improvements Plan

City Administrator Ashley Wayman discussed the Water System Capital Improvements Plan. Field surveying began on April 3, 2023, and geotechnical borings will begin in the next two to three weeks. Design of the waterline projects is expected to be completed Fall 2023.

Council Member Phil McDuffee discussed how the projects were broken into four packages and prioritized according to urgency. He also discussed potential funding.

City Administrator Ashley Wayman further explained that these packages do not include the abandonment projects due to time and expense.

Elizabeth Bray asked about water sampling as a baseline to see if water quality improves after the water system improvements are complete.

**ADJOURNMENT OF MEETING**

The meeting was adjourned at 5:54 p.m.

Minutes Adopted on the \_\_\_\_\_ day of \_\_\_\_\_, 2023.

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**Jonathan Miller, Chair**

**ATTEST:**

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**Desiree Adair, City Secretary**



# Google Fiber | Rollingwood, TX

Sasha Petrovic, GM - Southwest Region

# What is Google Fiber?

Google Fiber (GFiber) is an Alphabet company that brings fast, reliable, fairly priced internet to homes and businesses across the United States.

# We believe in going beyond.

## Going beyond Expectations

Our mission is to deliver fast, reliable, fairly-priced and open internet service – using the best technologies, methods and people to accomplish that.

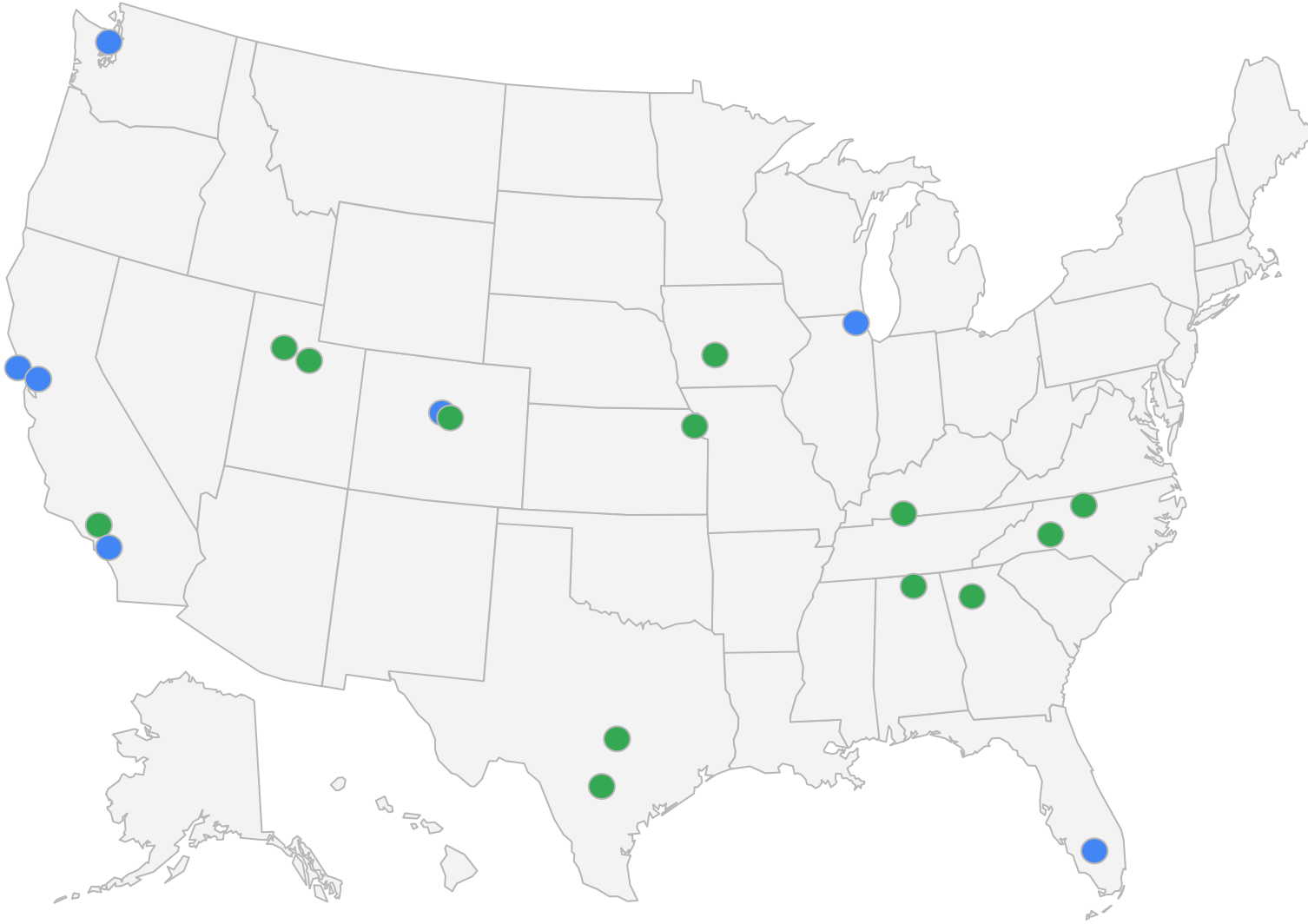
## Going beyond the Basics

Internet truly matters to people, and their experiences with internet truly matters to us. So we set the bar high for every aspect along the way - customer service, pricing, transparency, reliability, speed and innovation at every turn.

## Going Above and Beyond

There's always room to make things even better. So we're expanding the places we deliver internet, investing in new technology and always looking for ways to do things better that make a difference for our customers, for our teams and in our communities.

# You can find us here.



● Google Fiber metro    ● Webpass metro

## Google Fiber

- Atlanta, GA
- Greater Austin, TX
- Charlotte, NC
- Huntsville, AL
- Kansas City, KS/MO
- Lakewood, CO
- Nashville, TN
- Orange County, CA
- Great Phoenix, AZ
- Provo, UT
- Salt Lake Valley, UT
- San Antonio, TX
- The Triangle, NC
- West Des Moines, IA
- Westminster, CO

## Webpass

- Chicago, IL
- Denver, CO
- Miami, FL
- Oakland, CA
- San Diego, CA
- San Francisco, CA
- Seattle, WA



# Zoom into 78746

## Signed West Lake Hills ROW

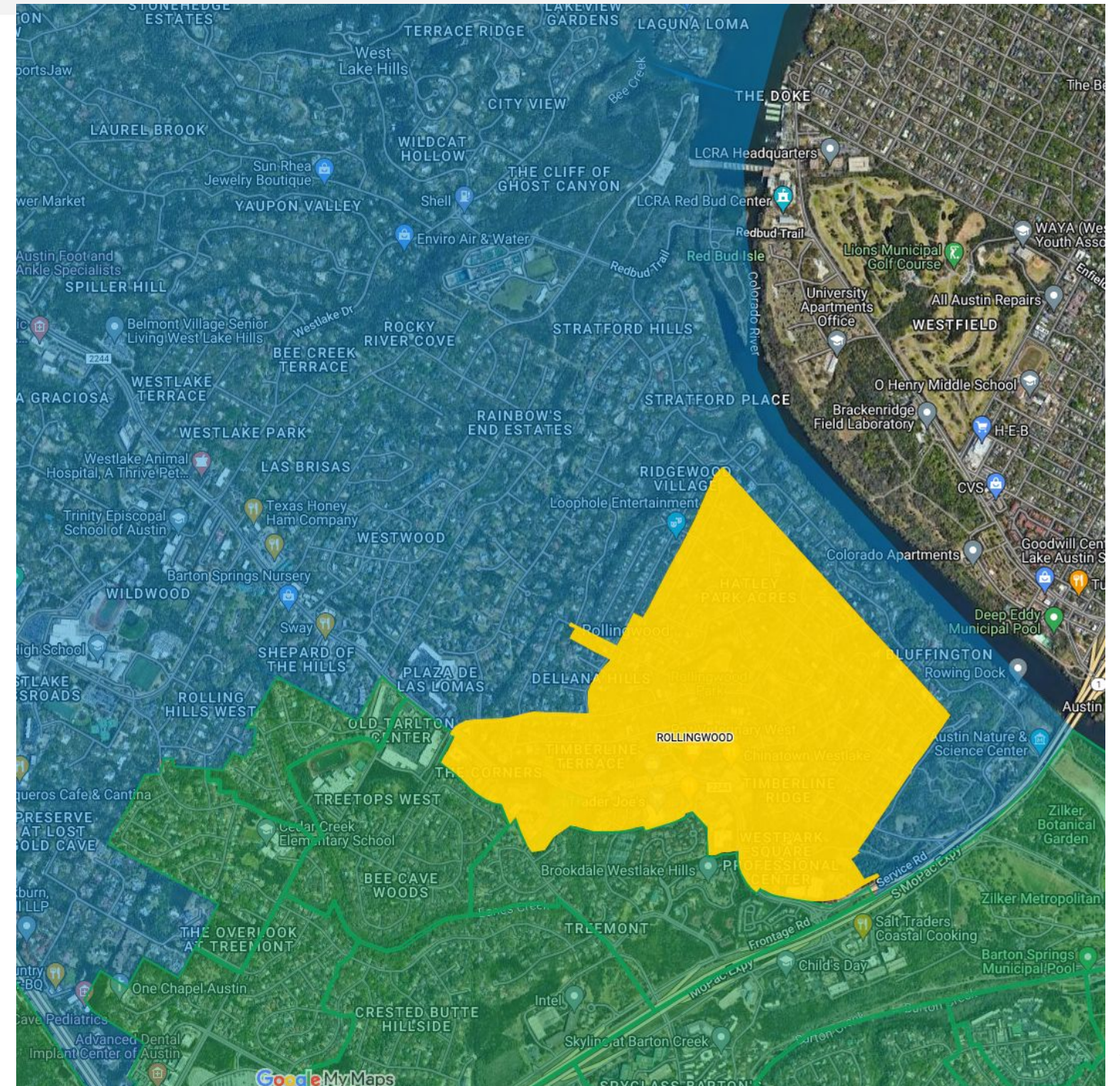
On March 8th 2023, Mayor Linda Anthony signed a Non-Exclusive Public ROW License Agreement with Google Fiber with unanimous City Council approval.

## Filling in 78746

We're looking to fill in areas in and around West Lake Hills as part of this expansion build. This primarily includes areas of unincorporated Travis County.

## Lack of competition

There are areas that have only 1 internet provider, leaving residents without choice.



# What we offer.

## Residential

**1 Gig** **\$70/mo**

- Up to 1 gig downloads and uploads
- Mesh Wi-Fi network included
- 1 TB of free cloud storage

**2 Gig** **\$100/mo**

- Download speeds of up to 2 gigabits
- Uploads up to 1 gigabit
- Wi-Fi 6 mesh network included

**5 Gig** **\$125/mo**

- Up to 5 gig download and uploads
- Wi-Fi 6 mesh network included

## Commercial

**1 Gig** **\$100/mo**

- Up to 1 gig downloads and uploads
- Wi-Fi 6 router
- 99.99% uptime<sup>1</sup>

**2 Gig** **\$250/mo**

- Downloads of up to 2 gigs/uploads up to 1 gig
- WiFi 6 router mesh Wi-Fi extenders
- 99.9% Service Level Guarantee<sup>2</sup>

## All of our plans include:

- Mesh Wi-Fi network capability
- No data caps or annual contracts
- Free Professional Installation/No installation fees
- 24/7 customer support

<sup>1</sup>99.99% reliable connection based on 2021 and 2022 average annual uptime reliability excluding commercial power outages and planned maintenance

<sup>2</sup>Terms and exclusions apply. See Service Level Agreement for details.

# Recognized as an industry leader.



## Customer Satisfaction

Reader's Choice Award;  
Favorite ISP



## Customer Service

#1 ISP in the American  
Consumer Satisfaction Index



## Speed

Fastest internet provider in the  
country

## But don't take our word for it.

“I have loved having you guys for the last couple of months, I can't find anyone else who can deliver this speed and consistency.”

Denz, MO

“Hey @googlefiber, you're the greatest ISP I've ever had.”

Pilioka, KC

“Thanks @googlefiber that's the best customer service I've ever had. Fixing a problem that wasn't your fault hours after I call. Love this service.”

Michael J., NC

# Supported locally by a team of industry experts.

## Proven

+30M feet of fiber built and maintained in Texas

## Competent

Senior Leadership has over 45 years of combined industry expertise

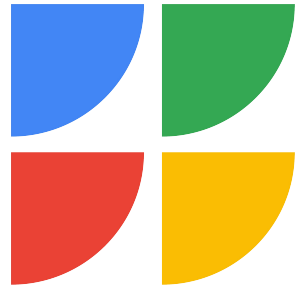
## Trusted

Operating in over 10 municipalities including Austin, San Antonio, Round Rock, Travis County, etc

## Devoted

Entire team is based in the greater Central Texas region. Living, working and contributing to the communities we serve





# Rollingwood, TX - Google Fiber Journey



## ROW License / Deployment Method

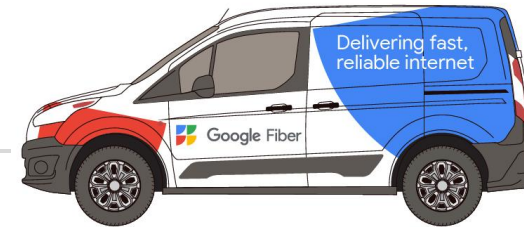
Align on ROW license terms and deployment methods



## Design / Permit / Network Construction

Coordination with city/county  
Fiber Design  
Permitting  
Community Communication  
Fiber Network Construction  
Multi-dwelling Construction  
Restoration

Targeting primarily underground construction for Rollingwood



## Customer Fulfillment

Sales  
Service Drop (private property)  
In-Home Installation



**Know what's below.  
Call before you dig.**

## Network Maintenance, Repair, Relocations

Proactive Maintenance  
Reactive Maintenance / Repair  
Utility, Infrastructure Project  
Coordination  
Relocation

Proactive relocations to avoid future infrastructure conflicts

**Close coordination with the city starts HERE!**



**and CONTINUES!**

## Our process is different.

### Design

**Goal:** Build the widest possible footprint to serve the greatest number of customers.

**Impact:** Deployment along a significant portion of ROW.

### Communicate

**Goal:** Ensure that the community is familiar with the deployment and knows how to contact us.

**Impact:** No surprises and any issues are resolved quickly.

### Construction

**Goal:** Utilize a proven toolkit that maximizes speed, minimizes disruption and is restored properly.

**Impact:** Reduced impact to ROW and roads, while increasing safety, lowering risk exposure and community disruption.

# How we design/build our networks.

## Equipment Shelter

- Serves 40-60k Homes
- Placed on Leased or purchased land

## Backbone Routes

- Connects shelters
- Lease fiber where possible

## Trunk Routes

- Shallow trenching
- Horizontal Directional Drill
- Aerial

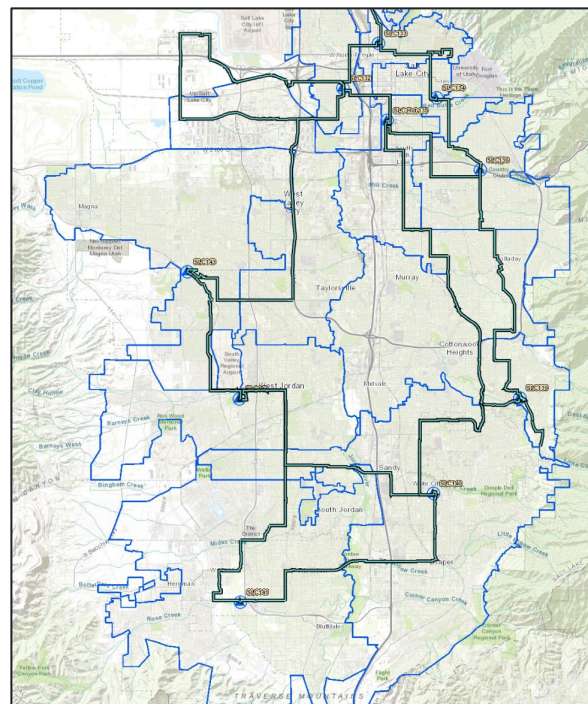
## Distribution Routes

- Shallow trenching
- Horizontal Directional Drill
- Aerial

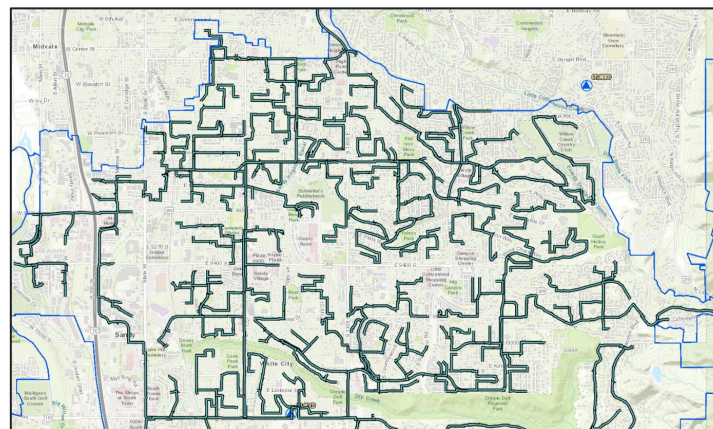
HUT Location



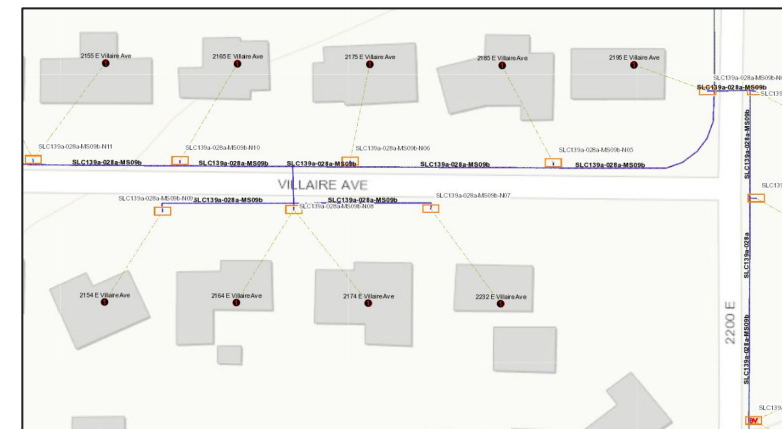
Backbone Routes



Trunk Routes



Distribution Routes

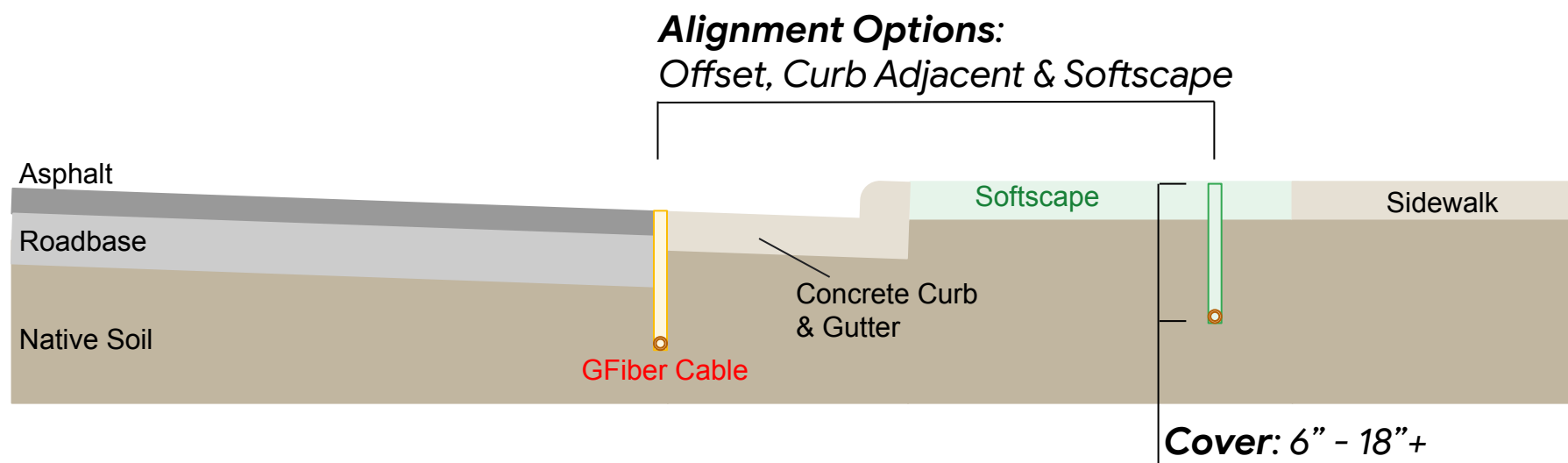




# Shallow Trench Method - General Approach

**Description:** Shallow trenching is an outside plant (OSP) underground fiber plant construction methodology that consists of placing cables or duct directly into a narrow and shallow trench in either hardscape (e.g., in the asphalt roadway) or softscape.

**Deployment “Toolkit” Variables:** While we consider many variables in each application of our Shallow Trench deployments, the most important considerations are **Alignment** and **Cover**.



## Deployment Principles

Lifetime  
Survivability  
Constructability  
Repairability

# Benefits of shallow trenching

## Reduced impact to ROW and roads

- Elimination of bore pits and reduced open excavation
- Smaller roadway intrusion for potholing
- Faster restorations in ROW and roadways
- Decreased footprint in yards and softscape

## Avoids existing facilities (reduced utility strikes)

- Reduced depth virtually eliminates utility strikes
- Repair of any damaged utilities less impactful due to shallow nature

## Increased safety and reduced risk exposure

- Reduced crew size in work zones
- Reduced duration in worksite

## Reduced community disruption

- Faster speed through neighborhoods
- Minimal traffic impacts



# Shallow trench method - Sealant & waterproofing

## When we apply sealant:

- To ensure **Lifetime & Survivability** Principles, we waterproof trenches when:
  - The trench has created a **new joint** in the roadway (e.g. offset from curb-line)
  - Needed to prevent water penetration and potential formation of potholes
- Restoration approach is a large cost driver for Shallow Trenching

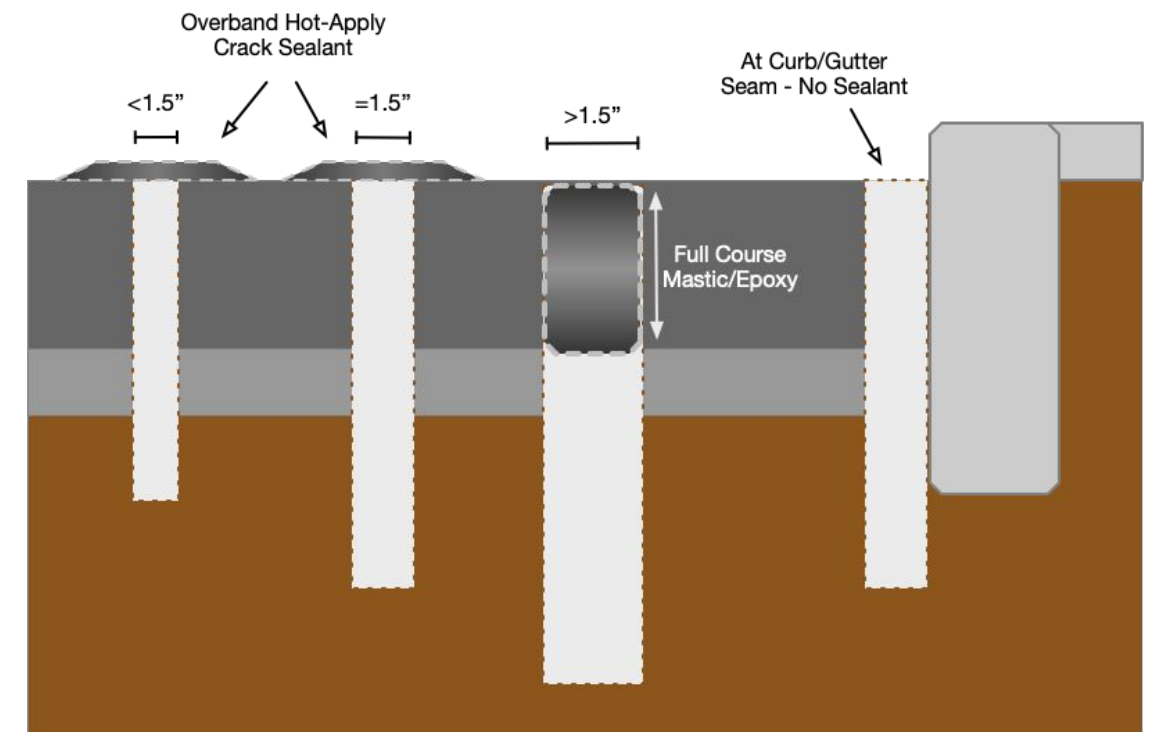
## What we do: Two elements determine if / what we do:

### 1. Location:

- If in an asphalt/asphalt running line - **must be sealed & waterproof**
- If at existing joint between curb/gutter & roadway, **sealing is optional**

### 2. Trench Width:

- **Width  $\leq 1.5$ "** - treated like a "crack" with an **overband** of crack sealant material
  - Meets ASTM D6690 Type II for 50% extension
- **Width  $> 1.5$ "** - treated like a small trench with a "**full course sealant**" application of a mastic or epoxy material



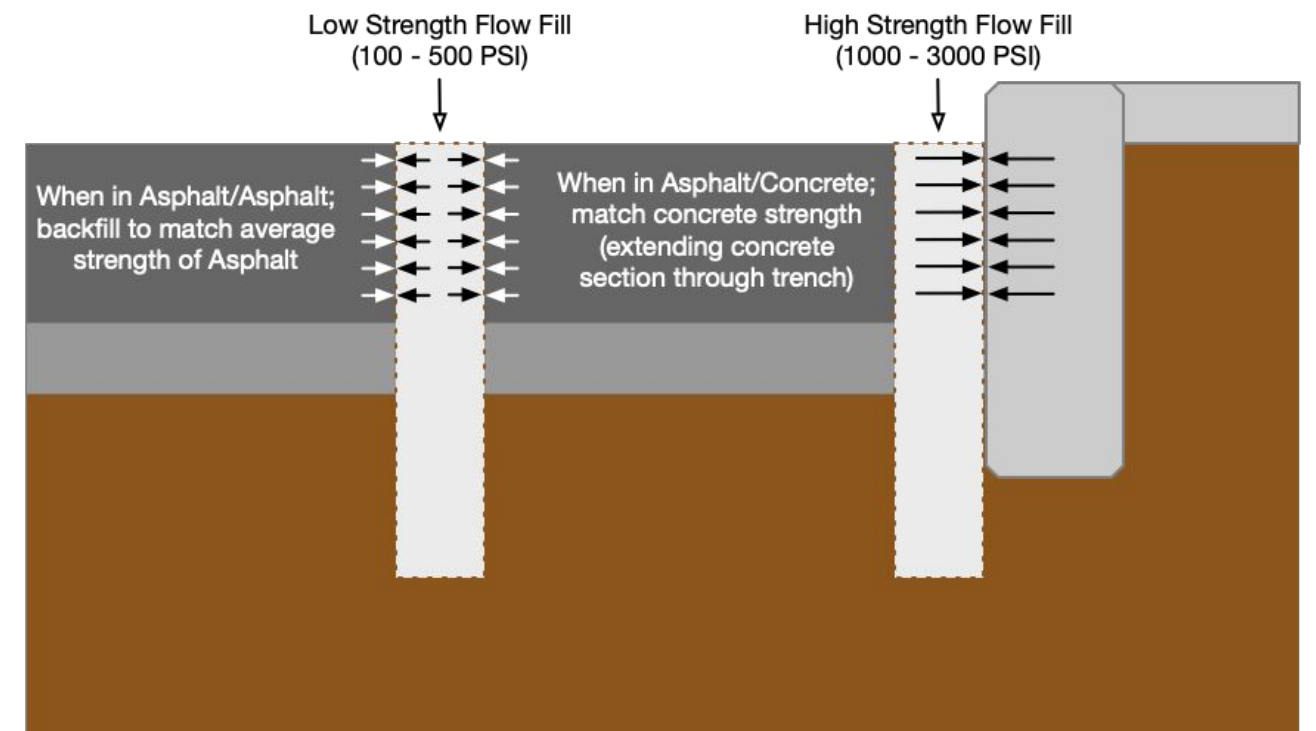
# Shallow trench method - Backfill

## Backfill Philosophy:

- We want to mimic the material characteristics of adjacent elements as much as possible; discontinuity in material properties causes the stiffer element to fail;
- **Low Strength Flow Fill: 350-1000 PSI**
  - Higher PSI than typical city-spec for Flow Fill; normally designed for large utility trenches
  - Harder to set-up in narrow trench; heat loss to surface area is much higher than typical
- **High Strength Flow Fill: 1000-3000 PSI**
  - Mimic typical curb/gutter concrete mix strength

## What we do:

- Determined by the strongest adjacent element
- **Curb/Gutter Adjacent:**
  - Use of High Strength Flow Fill to mimic the curb/gutter;
  - Acts as an extension to the curb/gutter
- **Asphalt-Only Running Line**
  - Use of Low Strength Flow Fill to match average asphalt strength (varies with temperature).



# FAQ

## Frequently Asked Questions:

- Q: What is the cost to the city?
  - There is no cost to the city. Each city has their internal process to support permitting and inspection; that might have additional costs associated with a fiber deployment.
- Q: How do you solve for infrastructure project conflicts (i.e. wet utility work, road and sidewalk work)?
  - In the engineering phase we work with the city to understand the planned projects, design the network to minimize conflict and then have a full team dedicated to relocation work for any future work unforeseen during the initial construction phase.
- Q: Who pays to relocate your fiber?
  - GFiber pays for any for city related relocation projects (e.g. capital improvements, road, sidewalk, wet utilities)
- Q: How do you notify the public?
  - We work with the city to find the right communication strategy. This often includes, at minimum, signage, door hangers, an 800 number for residents to call with questions.
- Q: Does the agreement give open access to the ROW to GFiber?
  - No, we design and submit detailed permit drawings for review and approval before any construction commences.
- Q: What about the impact to the roadway, curbs, sidewalks etc?
  - We have worked to develop our deployment methods and material to minimize impact to the roadway. However, our license agreement includes a commitment to restore any damage that may have resulted from our deployment.
- Q: How is the city compensated for the access to the ROW?
  - Terms are outlined in the ROW license agreement and include a fee as a percentage of customer revenue.
- Q: What deployment method will be used?
  - We use a toolkit of construction methods that are designed to maximize the number of homes/businesses that we can reach and serve. The construction tool kit is comprehensive and includes shallow trenching, softscape, horizontal directional drilling and aerial.
- Q: How long will this project take?
  - There are a number of different factors that can influence the pace. Historically, we have constructed between 10k and 40k households per year.
- Q: What about landscaping, irrigation lines?
  - We are committed and bound by the license agreement to restore and repair anything impacted during construction. Fortunately, our deployment toolkit is generally less intrusive than typical construction methods.
- Q: What is the long term impact to our roadway, curbs and sidewalks?
  - We have worked hard over the last 10+ years to find the right formula that allows us to deploy the network quickly, cost effectively and with minimal short term and long term impact to the community infrastructure.
- Q: Do you have contacts in other cities that we can talk to in order to hear how your deployment has gone in their city?
  - Yes, we can provide some references in existing markets.

# Thank you.

