

# Lower Colorado River Authority

---

Connecting Central Texas  
to Reliable Broadband



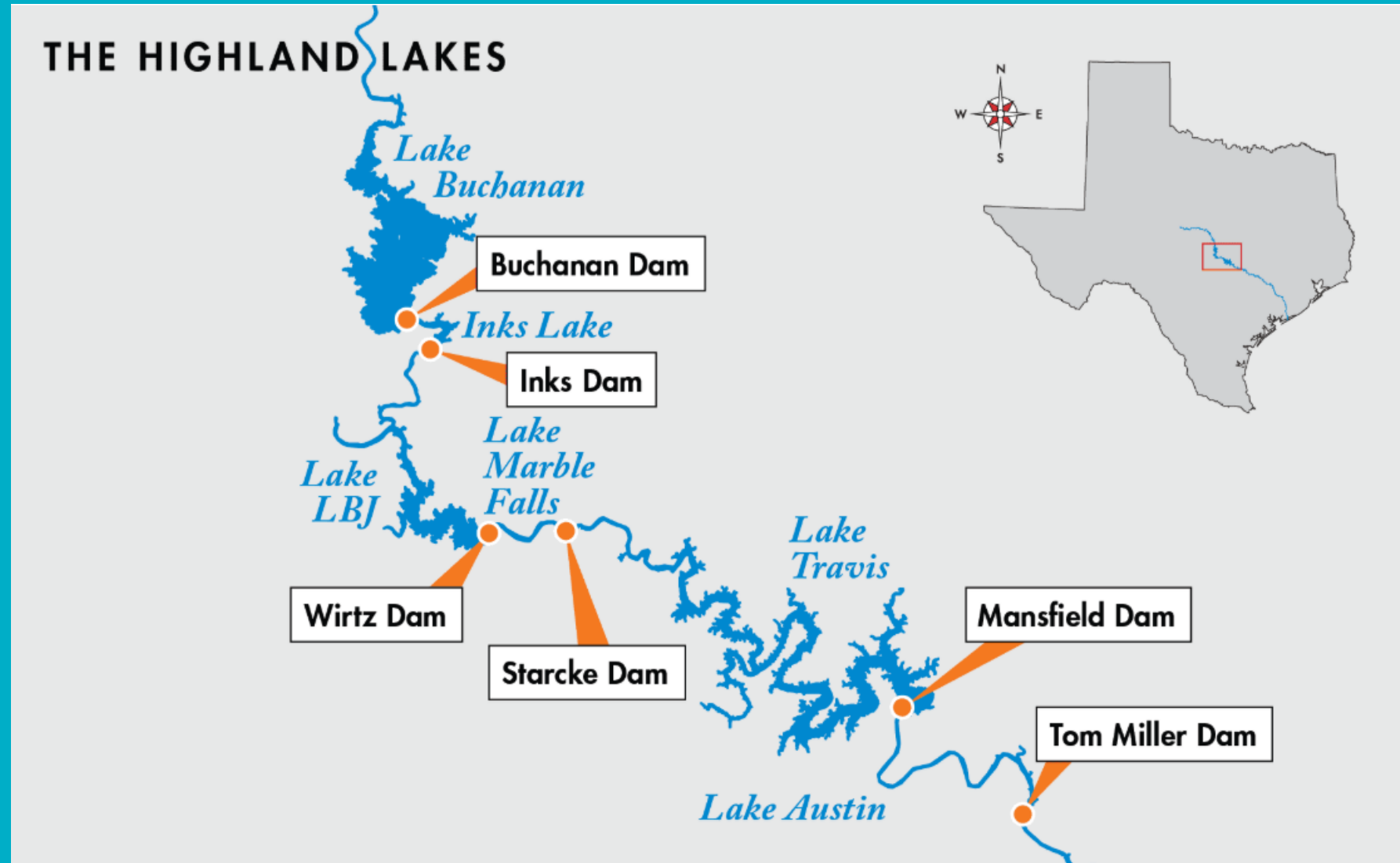
# Our Mission

---

To enhance the quality of life of the Texans we serve through water stewardship, energy and community service



# Lake and River Management



# LCRA Provides Vital Services



## WATER

Manage 862 miles of Colorado River



## GENERATION

Power for cities and cooperatives



## TRANSMISSION

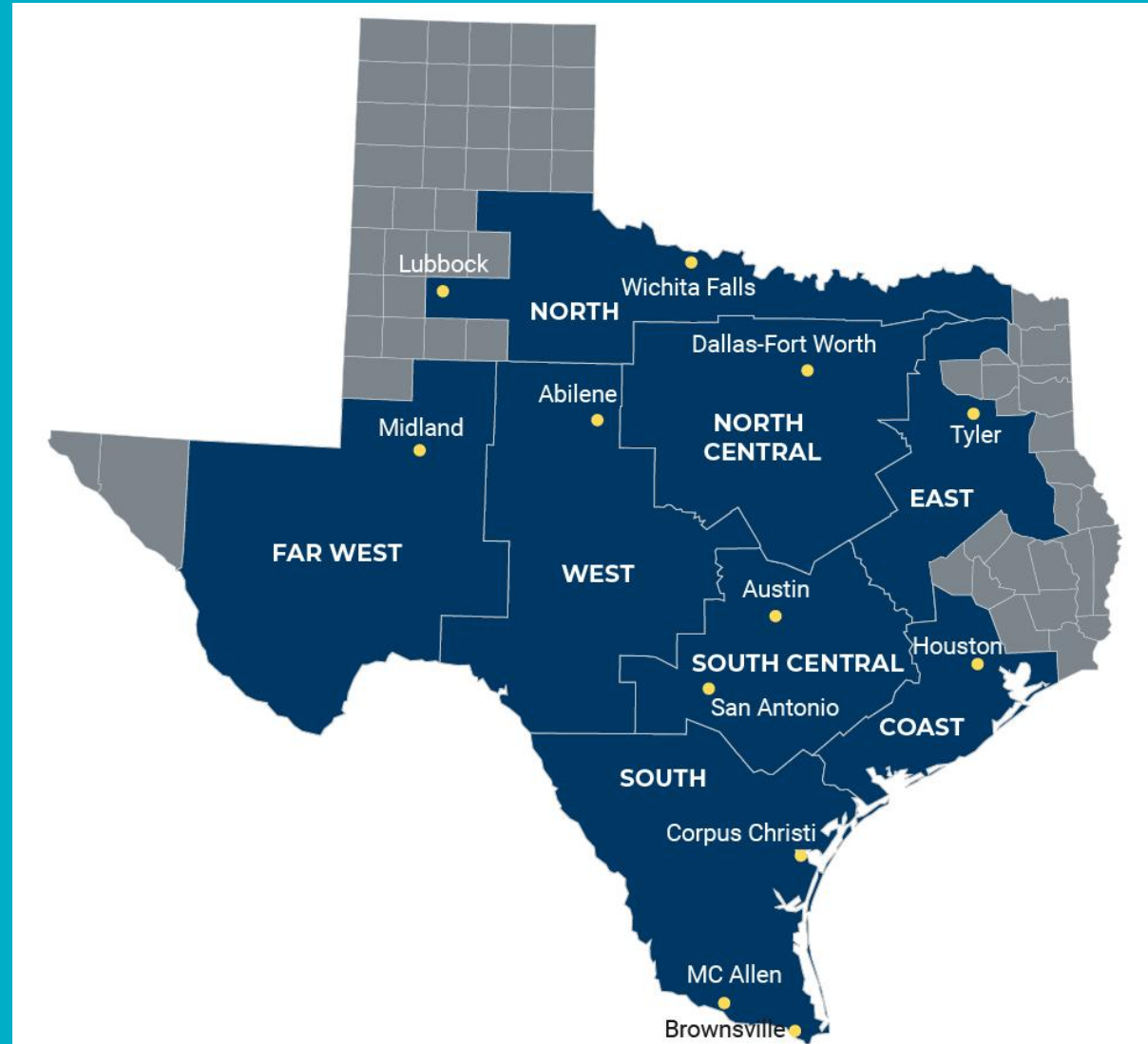
5,000 miles of line in 75+ counties



## COMMUNITY SERVICES

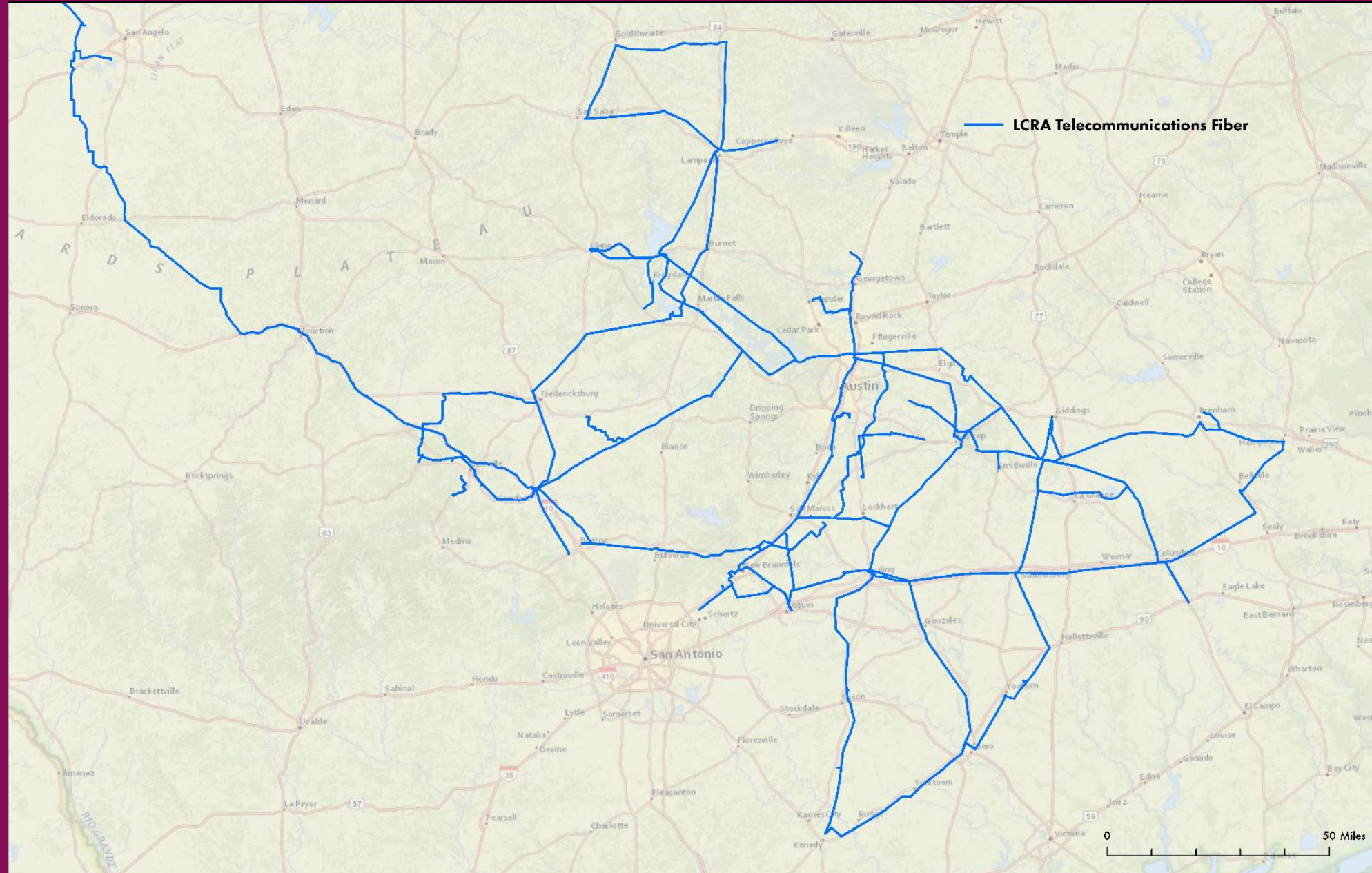
Fiber, Radio, pLTE, 40+ parks

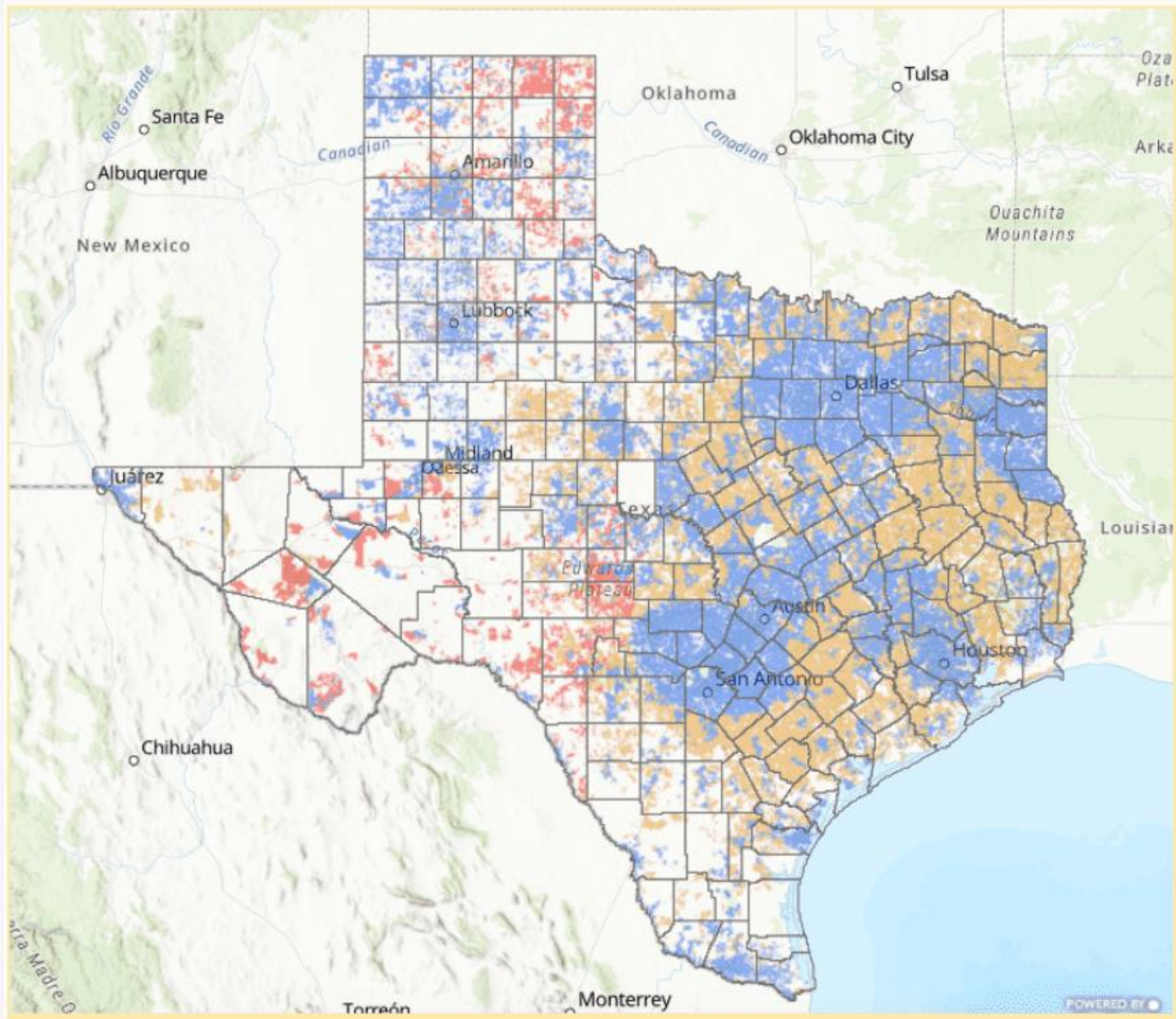
# Electric Grid - South Central and West



# LCRA Fiber

- LCRA maintains 2,800 miles of Optical Ground Wire (OPGW)
- Well positioned to support BEAD-funded projects
- LCRA has diverse paths into Austin, San Antonio, Houston data centers





**TEXAS BROADBAND DEVELOPMENT OFFICE**

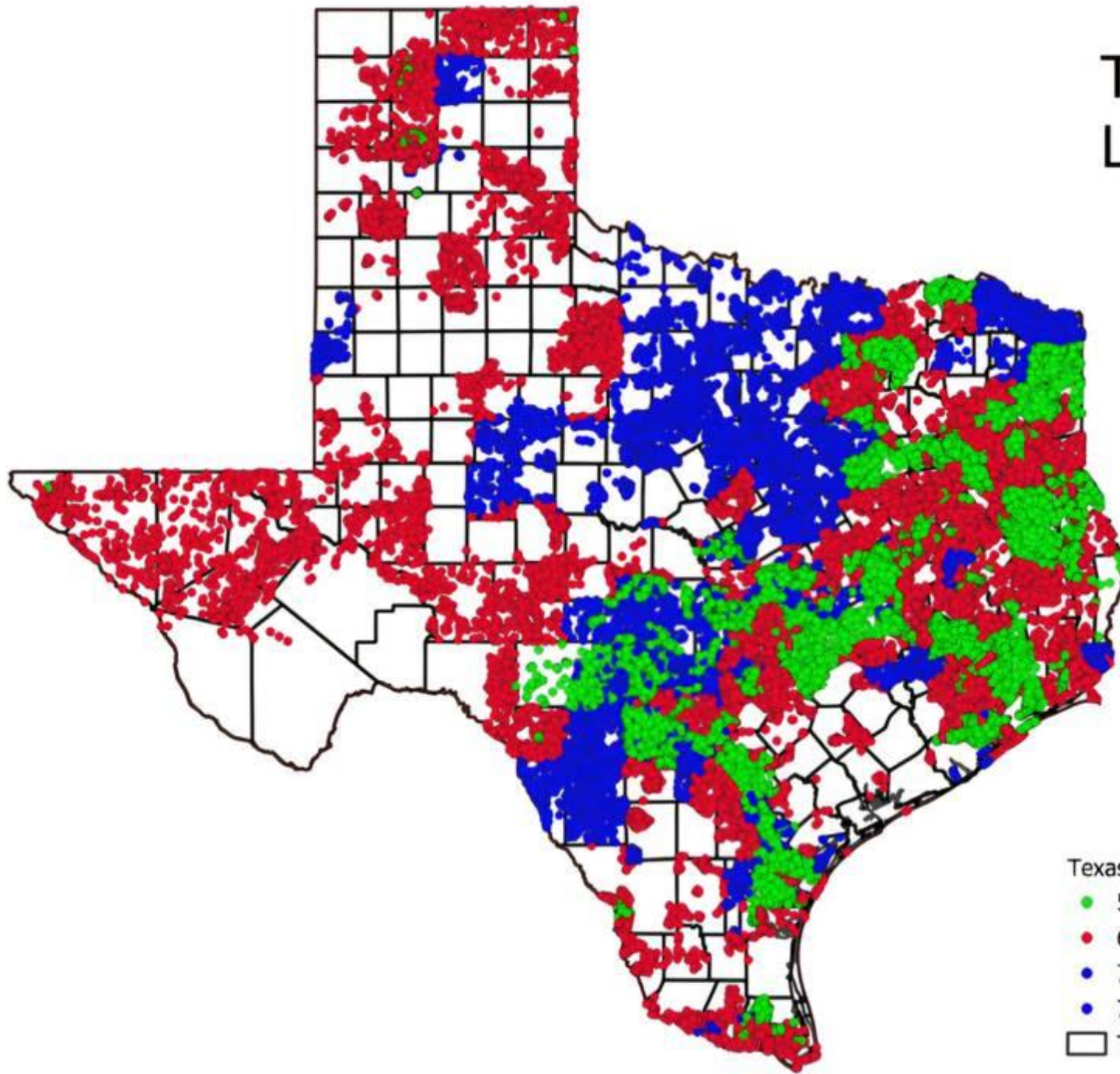
**Location Points**

- "Served" = locations where maxspeed is greater than or equal to 25/3 and 100/20 Mbps down/up
- ◆ "Underserved" = locations where maxspeed is between 25/3 and 100/20 Mbps down/up
- "Unserved" = locations where maxspeed is less than 25/3 and 100/20 Mbps down/up

**Census Block Eligibility**

- ▽ Eligible
- ▽ Ineligible
- No locations

# TEXAS BEAD LOCATIONS



- Texas BEAD Location Awards [240200]
- 50 - Fiber [122168]
  - 61 - LEO [65977]
  - 71 - Licensed Fixed Wireless [50079]
  - 72 - LBR Fixed Wireless [1976]
  - Texas Counties

# LCRA Fiber

2,800  
miles of  
Optical  
Ground  
Wire  
(OPGW)



# Legislative Senate Bill 632

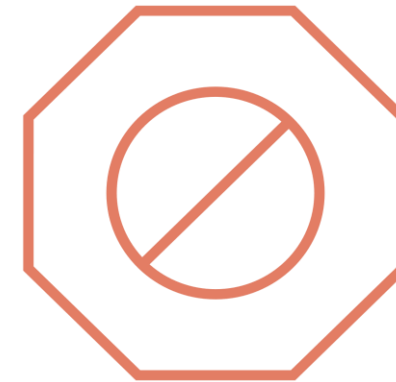
In 2021, the Legislature passed SB632, which authorizes LCRA to provide fiber capacity and facilities to facilitate broadband service. Three key points:



Authorizes LCRA to provide middle-mile and backhaul fiber access to third parties



Allows LCRA to build access to fiber and related facilities for customers



Prohibits LCRA from providing retail broadband (LCRA cannot be an ISP)

# Current Offerings

---

## Lit Services

Lit Services -

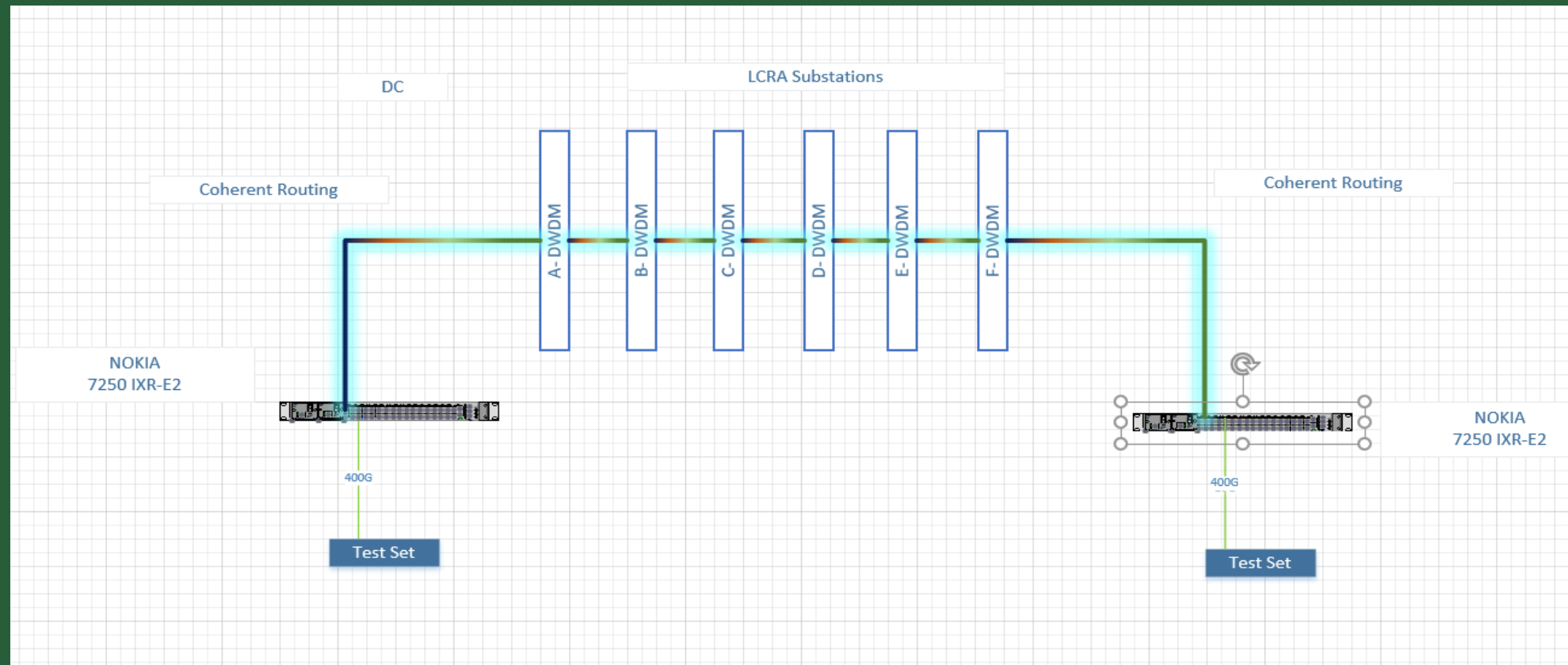
POP to POP or  
POP to Data Center.

Data Centers in:

- Austin
- San Antonio
- Houston

# Gearing Up for 400G rings

- Multiple Customers with requests for 100G
- BEAD-funded areas with Multiple 10G access



# Why Nokia? Mission

Nokia's Mission:

At Nokia, we create technology that helps the world act together.  
We put the world's people, machines and devices in sync to  
create a more sustainable, productive and accessible future.

## Customer Service

---

13 years of support  
Special case: Uri

## Depth of experience

---

Bell Labs  
Time in market

## Competitive Pricing

---

Compared to other  
vendors

## Product Offering

---

The right blend

# Connecting Central Texas to Broadband

---

## LCRA's unique offering:

- Resilient utility grade network
- 24x7x365 support
- Built for rural Texas

LCRA is actively developing partnerships with internet service providers who are connecting to the last mile broadband customers.



# LCRA Sales Team



Connecting Central Texas  
to Middle Mile Broadband

---

**Gina Dodd**  
512-229-6572  
Gina.dodd@lcra.org

**Travis Ralls**  
737-230-2850  
Travis.ralls@lcra.org

# Disclaimer

*This presentation is for informational purposes only and is not intended as an offer for the purchase or sale of any services or equipment. No data or other information contained herein is warranted or guaranteed.*

*All estimates contained in this presentation are based on current labor and material rates and are presented in an effort to accurately convey a preliminary outline of expenses related to the project as currently outlined. Actual costs will be defined, in detail, in a final proposal, and may vary.*

*LCRA Telecommunication Services are available only to eligible organizations, LCRA is not a common carrier. LCRA narrowband radio services on the 700 MHz and 900 MHz bands are provided on a non-profit, cost shared basis.*