










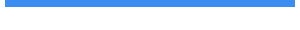



# ILLINOIS TOLLWAY FIBER OPTICS

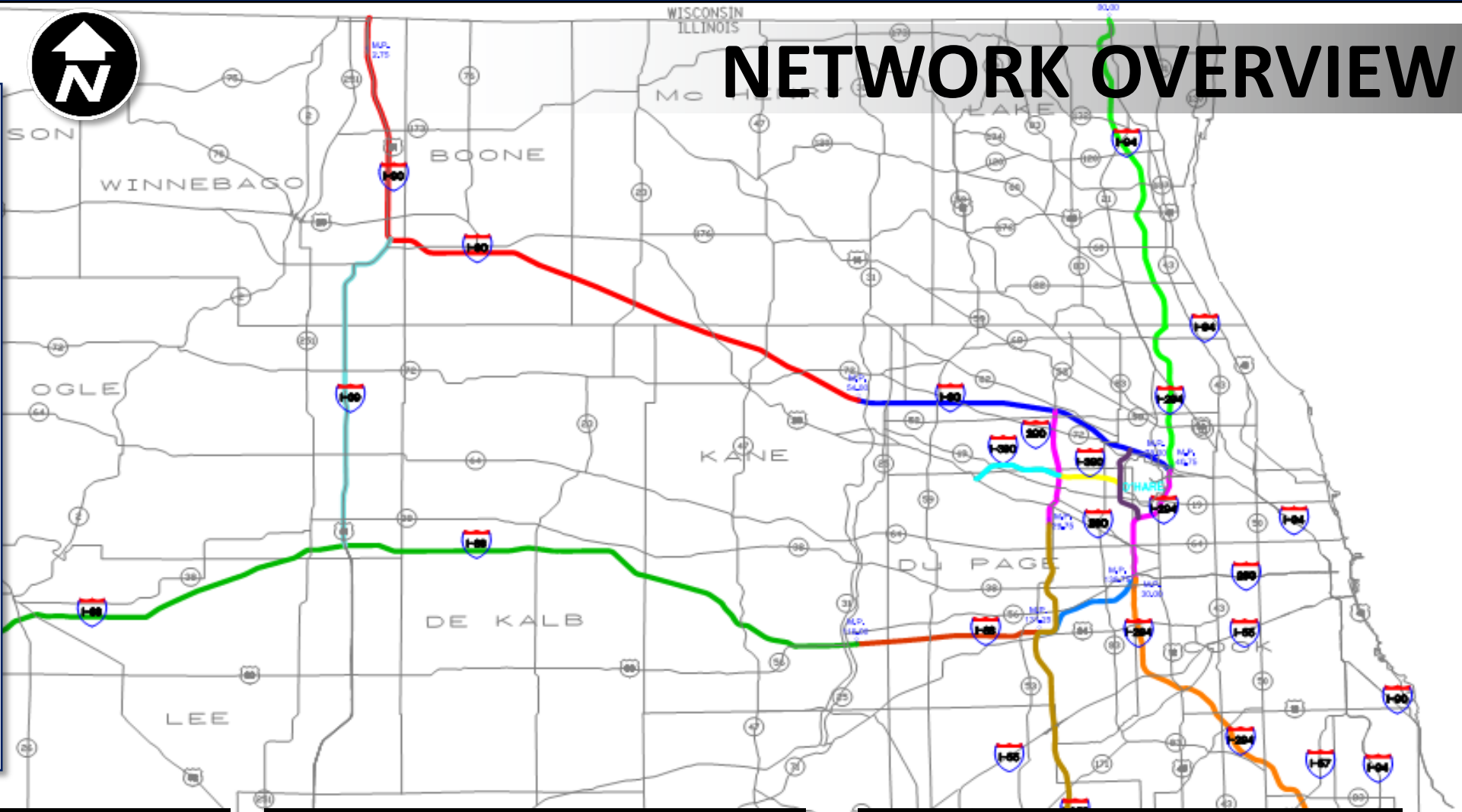
February 20, 2025



# NETWORK OVERVIEW

## 11 Segments

-  Segment 1
-  Segment 2
-  Segment 3
-  Segment 4
-  Segment 5
-  Segment 6
-  Segment 6A
-  Segment 7A
-  Segment 7B
-  Segment 8
-  Segment 9
-  Segment 10
-  Segment 11
-  I-39



**329 centerline miles**  
Includes 294-mile Tollway system  
and I-39 between I-88 and I-90

**48,000 fiber miles**  
adding 14,000+ miles

**2,000 duct miles**  
adding 600+ miles

# BACKBONE COMMUNICATIONS

## Who Owns What?

**Illinois Tollway owns all ducts within right-of-way**

- Tollway backbone cables

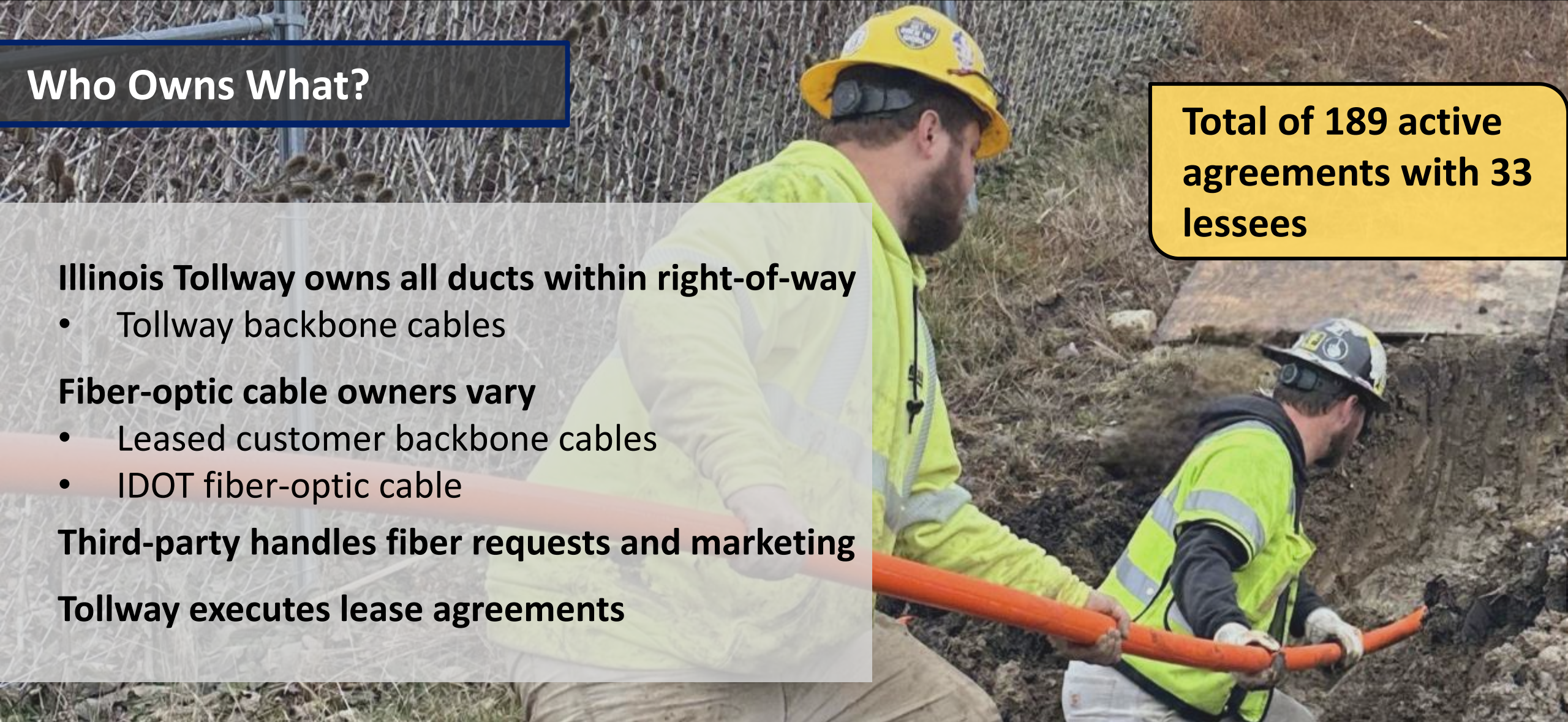
**Fiber-optic cable owners vary**

- Leased customer backbone cables
- IDOT fiber-optic cable

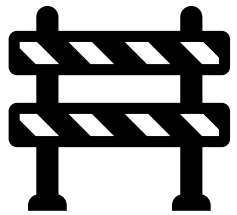
**Third-party handles fiber requests and marketing**

**Tollway executes lease agreements**

**Total of 189 active agreements with 33 lessees**



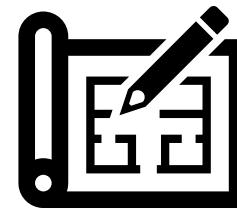
# NETWORK AND MAINTENANCE MANAGEMENT



**Construction  
Support**



**Maintenance  
and Operations**



**Engineering  
Support**



**Marketing  
and Leasing**



# FIBER DEMAND

*What's fueling fiber demand today and beyond?*

# UNLOCKING POTENTIAL WITH FIBER

## What's driving fiber demand?

- Region size and Midwest geographic location
- Rising data center activity
- Technology, finance and healthcare industries

**INNOVATION**

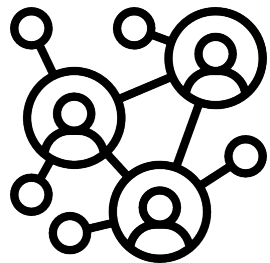
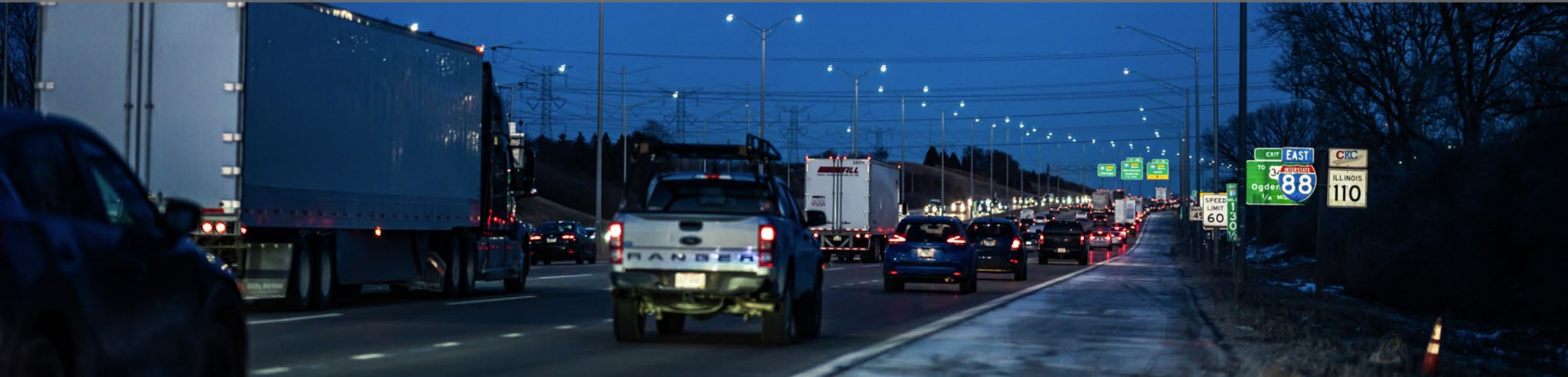
**ECONOMIC  
DEVELOPMENT**

**CONNECTION**

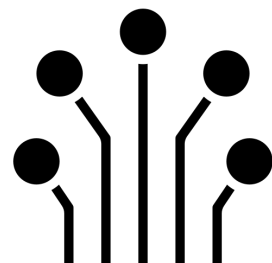


# CURRENT NETWORK STATUS

# EVALUATING THE SYSTEM



**Meeting Illinois Tollway and  
Customer Needs**



**Evaluating Additional Capacity  
and Redundancy**



**Enabling Regional Economic  
Development**



# SUMMARY

- **Takeaway:** 48,000-mile fiber system
- **Goal:**
  - Meet Tollway data communication needs
  - Support regional economic development
  - Leverage robust fiber network to meet needs of underserved areas along the Tollway
- **What's Next:**
  - Fiber expansion is ongoing under *Move Illinois*
  - Design opportunities available in *Bridging the Future*
  - Next long-term Capital Plan



**THANK YOU**

