

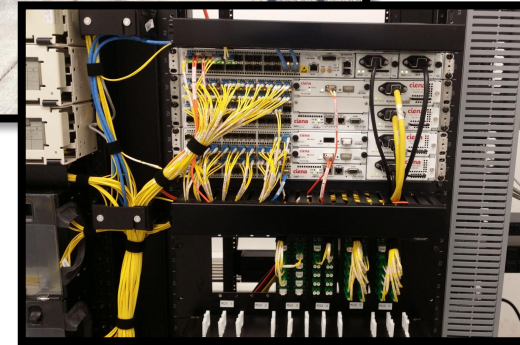
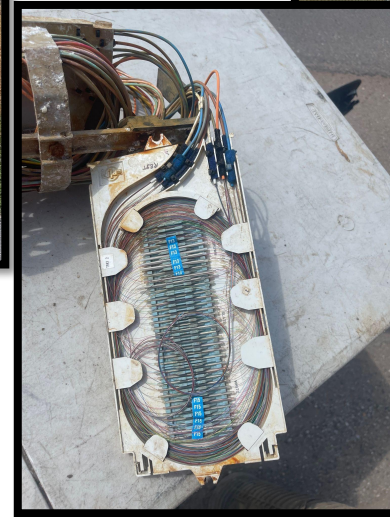


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Department of Transportation

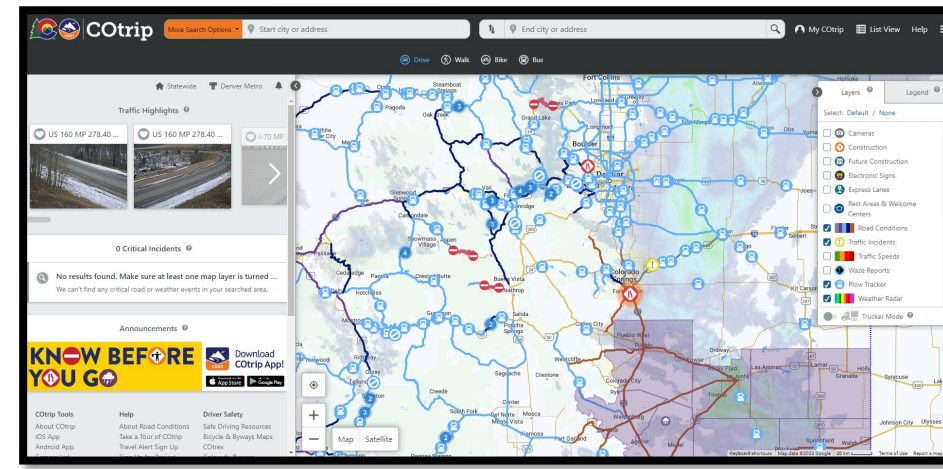
**CDOT ITS**  
*Joint Technology Committee*



# What is the ITS Branch?



COtrip had 83.8M views so far in 2023!  
(~3,000,000 unique viewers)





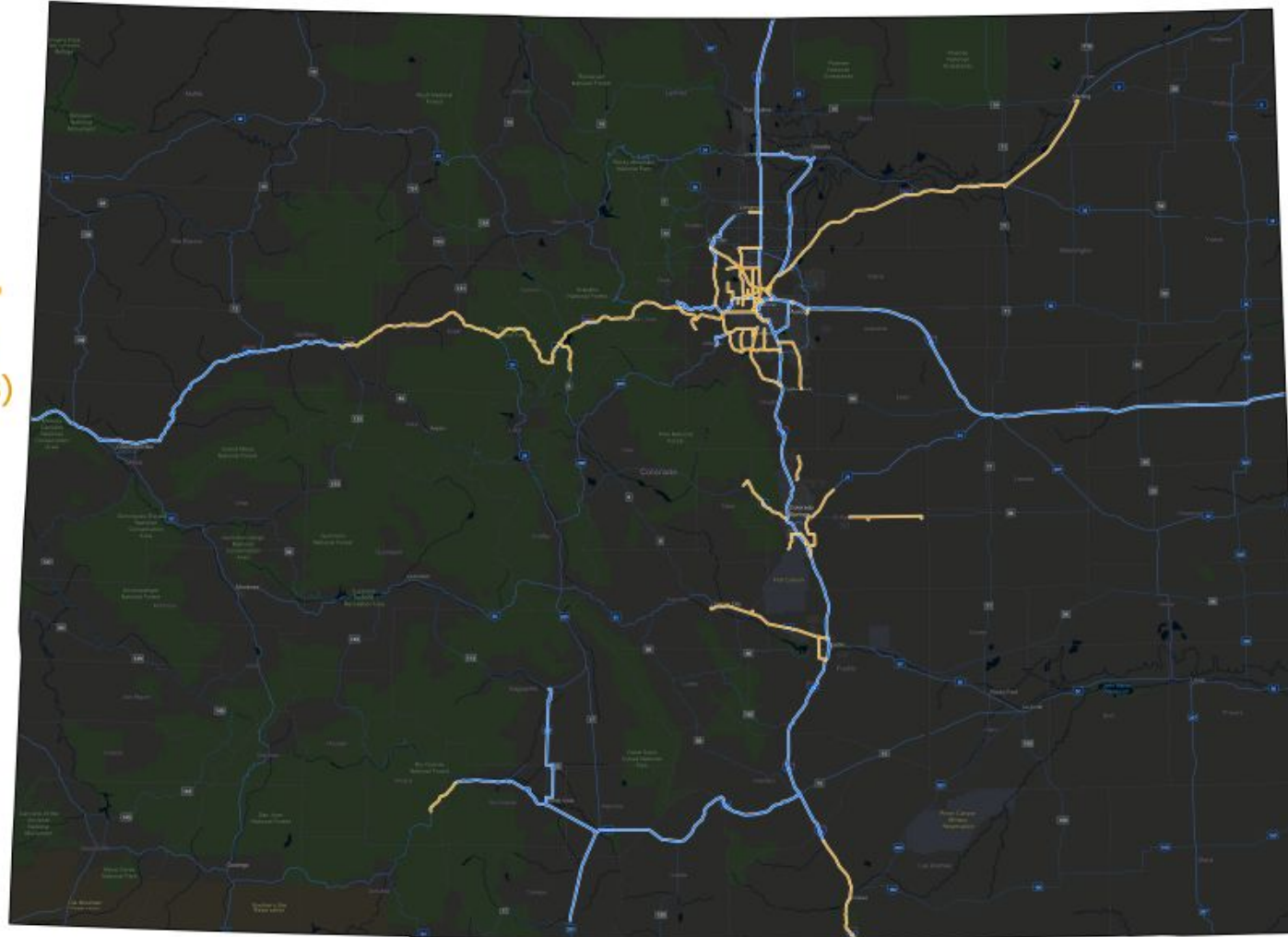
# CDOT Fiber Network

1999

2023

CDOT Built  
(~700 miles)

Partner Built  
(~900 miles)



0 25 50 Miles





“Colorado is setting the goal of connecting 99% of in-state households to high-speed broadband by 2027”

- established in Executive Order D 2022 009 February 2022
- restated in Executive Order D 2022 023 June 2022



# Types of Agreements

## Dark Fiber Lease

- Existing spare CDOT fiber available to public or private entities

## Public Private Partnership (P3)

- ROW use for fiber installations and/or Fiber swaps (in-kind compensation)

## *Proposed*, Simplified Fee Structure

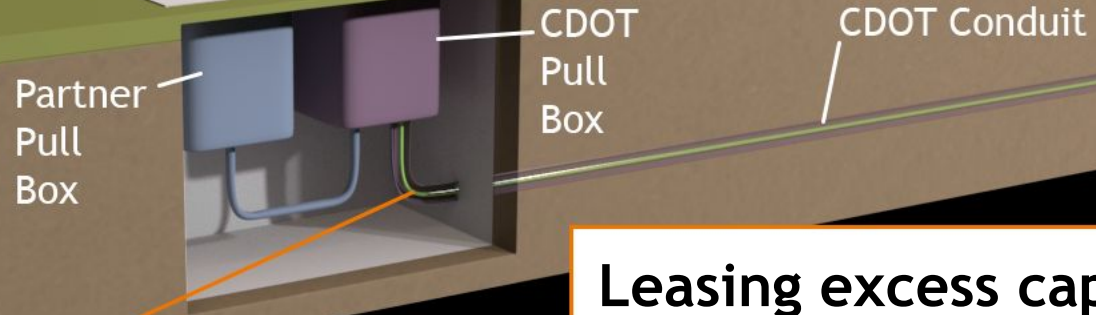
- ROW use for fiber installations (Fee based compensation)



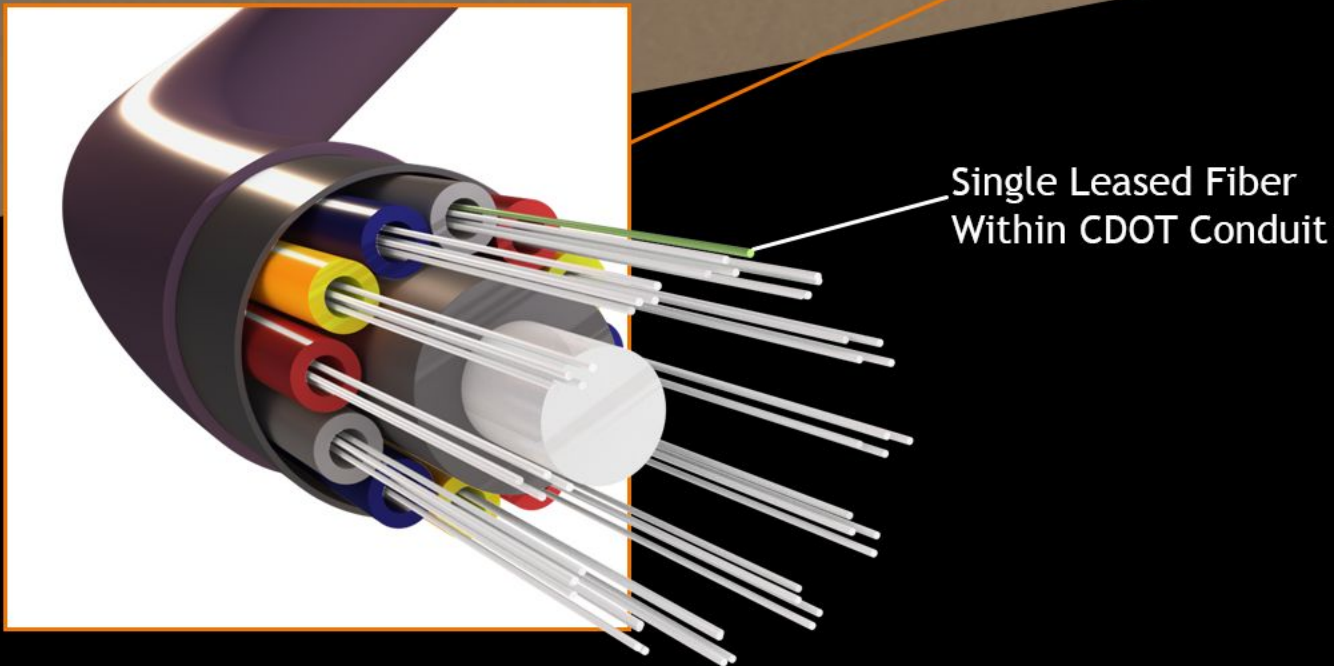


# Dark Fiber Lease

- CDOT Assets
- Partner Assets
- CDOT Asset Leased to Partner for Fee



CDOT Asset Conduit (close up)

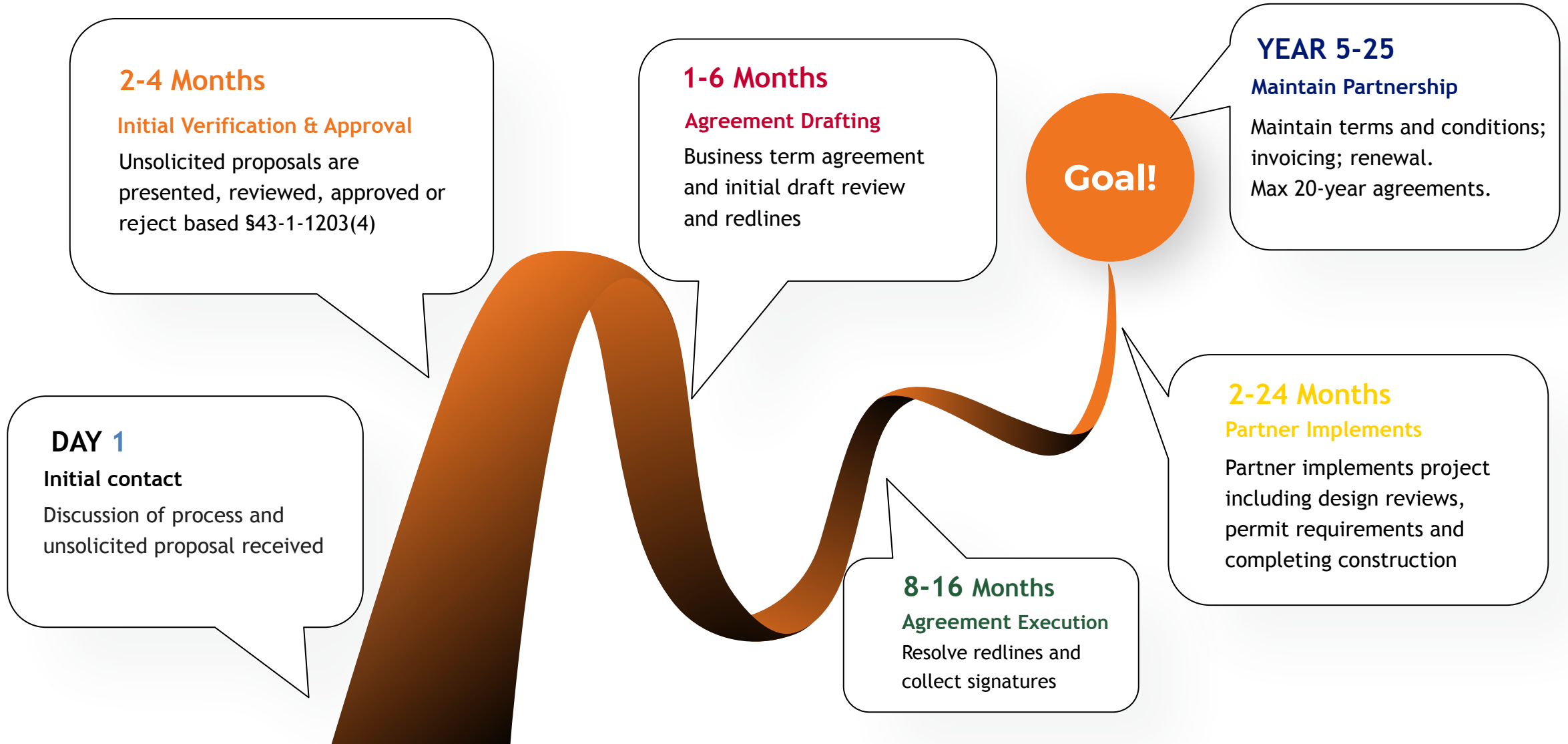


## Leasing excess capacity of CDOT fiber to public or private entities

- Must be 30+ miles
- Partner must meet CDOT at existing splice locations
- Requires unsolicited proposal
- Approved by oversight committee
- IGA/MSA negotiation (Procurement, Legal, State Controller)
- \$3500 (Private)/\$1750 (Public) per strand/mile
- Timeline of 6-24 months



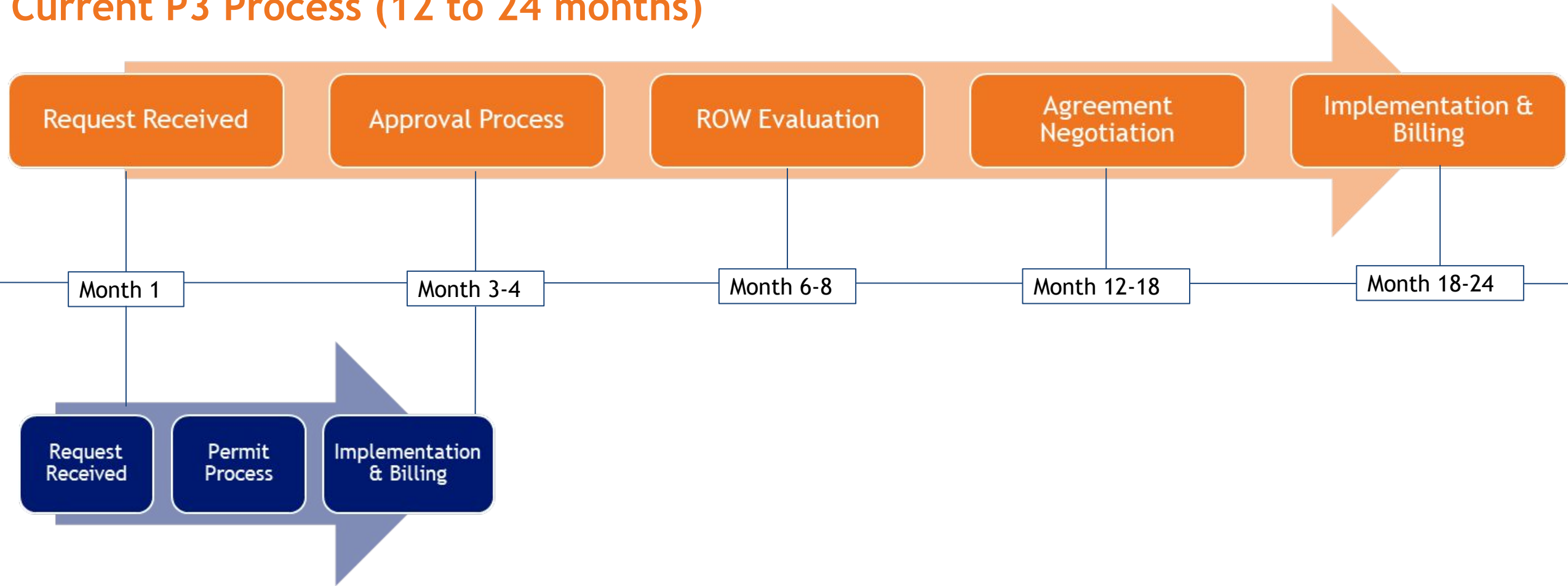
# Public Private Partnerships





# How a second, fee-based option impacts timeline: Simplified Fees enable quicker processing

## Current P3 Process (12 to 24 months)



## Proposed, Fee Based Process (3 to 4 months)

\*All timeframes vary based on staffing and request volumes





# Developing a Fee Structure: Why? EO D-2022-0009

## Colorado Executive Order D-2022-0009, Senate Bill 22-083, CRS 43-1-1204

E. I direct CDOT to complete the following for its Fiber Lease and Right of Way program:

1. CDOT will achieve a 90% approval rating on eligible contracts, public private partnerships, and permits, while adhering to Federal Regulations, State Statutes and procedures, as it relates to CDOT Right of Way access for broadband service providers. Acceptances and denials shall be provided to the broadband service provider in writing with clear reasons for approval and denial and be made available to the public online. C.R.S. 43-1-1201 through 1204.
2. By August 30, 2022, CDOT must develop a uniform electronic application, permitting, contract, and fee structure to facilitate non-government entities' access to CDOT rights of way and fiber lease for the deployment of broadband. This process shall include:
  - a. A transparent website that identifies the process of accessing state owned fiber must be published by March 31, 2022;
  - b. To ensure a consistent approach, while adhering to Federal regulations and State statutes, the process shall, to the extent practicable and efficient, provide equal access to Right of Way and leasing of excess fiber, for the deployment of wireline and wireless facilities; and
  - c. Standard pricing and cost frameworks, expected timelines and details about the application review process, maintenance and operational resources, and any other requirements that CDOT would deem necessary to support a standard streamlined application.

March 2023 - presented initial version of fee to Transportation Commission

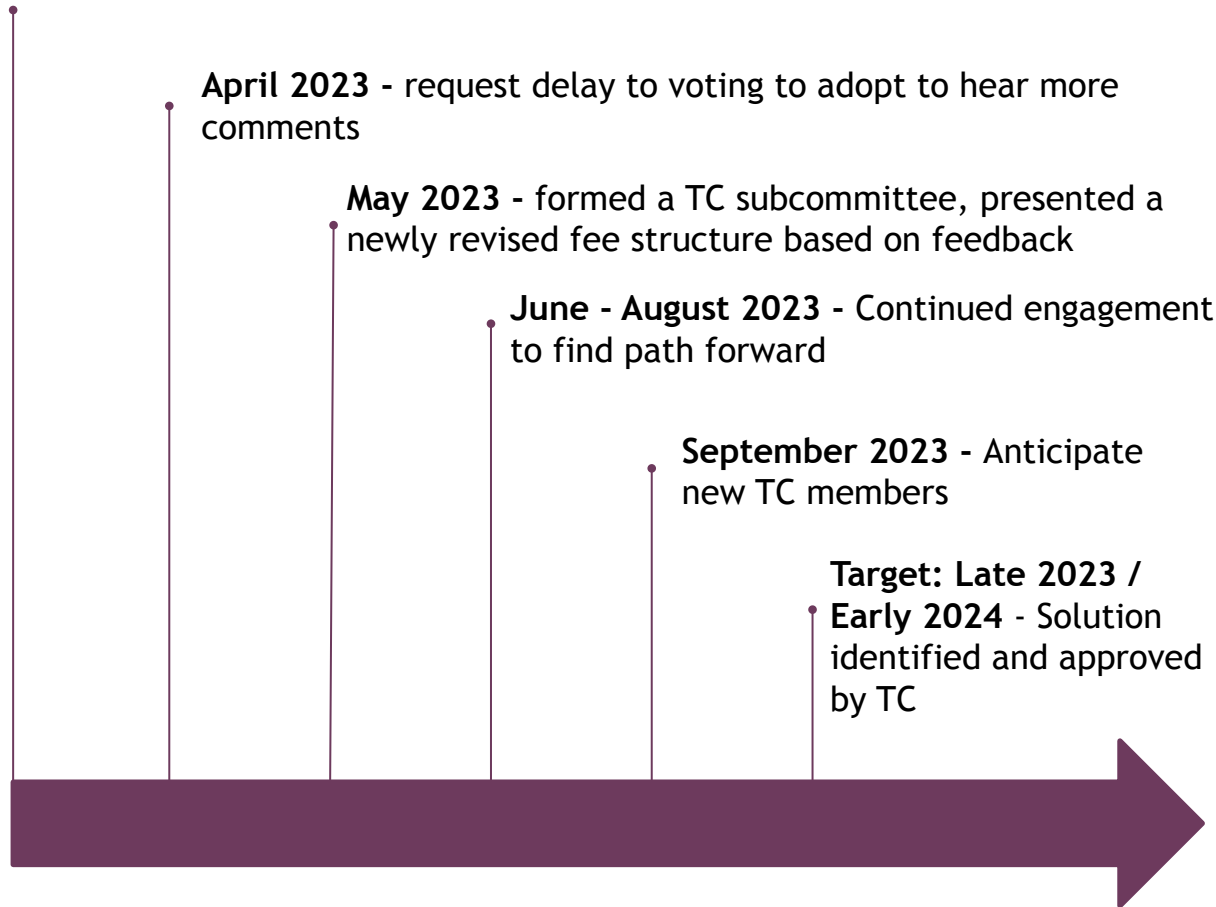
April 2023 - request delay to voting to adopt to hear more comments

May 2023 - formed a TC subcommittee, presented a newly revised fee structure based on feedback

June - August 2023 - Continued engagement to find path forward

September 2023 - Anticipate new TC members

Target: Late 2023 /  
Early 2024 - Solution identified and approved by TC





# How the Fee Structure was Developed: Intent of Fees

$((\text{Average Across-the-Fence value} + \text{Corridor Fee}) * \text{Property Use Fee}) + \text{MLOS} + \text{AILF}) * \text{Construction Engineering \& Indirects}$

## Proposed Revision

### One Time Install Fee

Interstates = 26% = \$0.11/ft  
 US Routes = 26% = \$0.09/ft  
 State Highway = 26% = \$0.07/ft

### Overhead / Administrative

The intent of this component is to cover costs associated with permit processing, project administration, inspections and specialty reviews.

### Annual Fee

Interstates =  $((\text{\$2.35} + 2\%) * 10\%) + \text{\$0.13} + \text{\$0.06} = \text{\$0.43/ft}$   
 US Routes =  $((\text{\$1.76} + 2\%) * 8\%) + \text{\$0.13} + \text{\$0.06} = \text{\$0.33/ft}$   
 State Highway =  $((\text{\$1.32} + 2\%) * 6\%) + \text{\$0.13} + \text{\$0.06} = \text{\$0.27/ft}$

### Value and Maintenance

The intent of these components is to fund typical maintenance activities that enable access to CDOT ROW for fiber installations. All activities that ensure management, accessibility and maintained pathways including roadway surface, structure maintenance, snow removal, erosion control, mowing, etc.

### Contingency pool

The intent of this component is to have a funding source available should there be any safety or operational concerns with the installed infrastructure.



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Thank you!

Questions?

