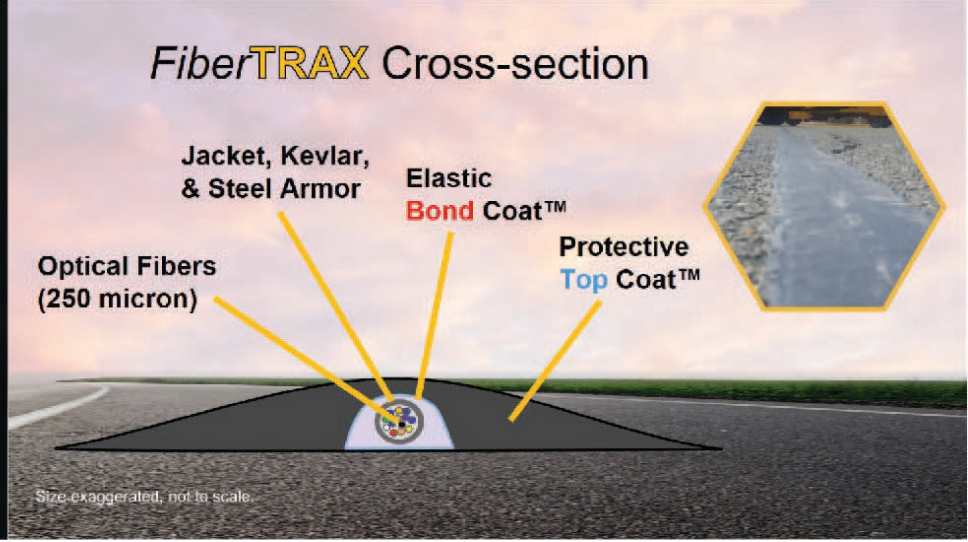
TRAXyL®



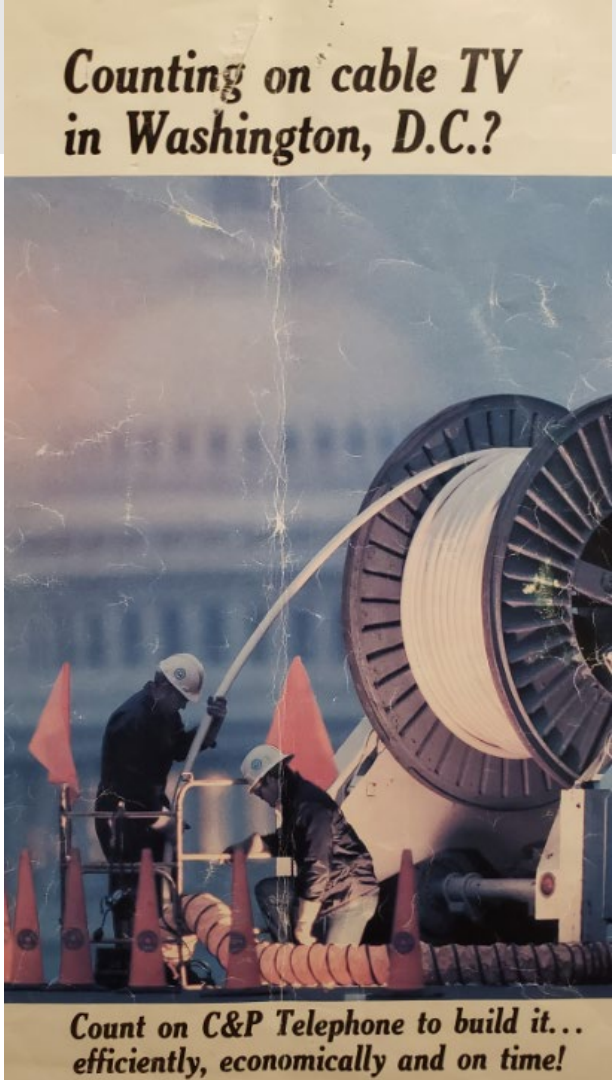
"Painting" Optical Fiber on Pavement

Rapid, Low-Cost Fiber Deployment – No Excavating or Trenching

Welcome!

NFF

~1985
FIBER INNOVATION



TODAY'S AGENDA

- Speaker Introductions and NFF Overview
- TRAXyL Story
  - Rapid, Low Cost Fiber Broadband Solution
- Elysian Fiber Case Study
- Dulles Airport Car Rental Case Study
- TRAXyL Next Steps
  - Path Forward Innovation
- Questions and Answers
  - Submit questions via Chat

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TODAY'S SPEAKERS

- Chris Peabody – Chief Strategy Officer, Networking For Future
  - cpeabody@nffinc.com
- Daniel Turner – Chief Executive Officer, TRAXyL
  - daniel@traxyl.com
- Stephen Carter – Chief Operations Officer, TRAXyL
  - stephen@traxyl.com
- Tina Lyden – President & CEO, Elysian Fiber
  - tlyden@elysianfiber.com
- Chris Novak – Network and Infrastructure Consultant
  - cnovak@jdk-llc.com

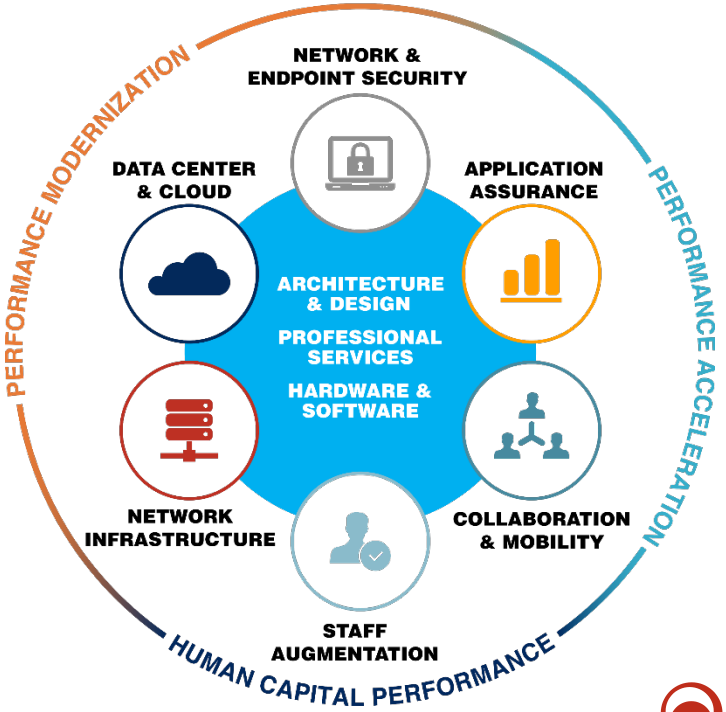
OVERVIEW

Networking For Future, Inc. (NFF)

- Founded in 1996
- Headquartered in Washington, DC
- 130+ Employees
- 77% of workforce hold industry certifications

Offering a performance-focused approach to delivering transformational IT business solutions.

IT Business Solutions



OVERVIEW

Strategic Partners

- Cisco Gold Partner
- NetApp Gold Partner
- VMware Enterprise Partner
- Splunk Partner
- Microsoft Partner
- Gigamon Partner
- Riverbed Premier Partner
- Aternity Partner
- IET Corporation Partner
- F5 Networks Partner
- Citrix Silver Solution Advisor
- CoreSite Partner
- TRAXyL Partner

Strategic Contract Vehicles

- GSA Schedule (47QTCA21D0047)
- District of Columbia Supply Schedule
  - MOBIS and ITES
- Maryland Education Enterprise Consortium (MEEC)
- Maryland Consulting and Technical Services (CATS+)
- Fairfax County Public Schools
- Maryland Department of Information Technology (DoIT) Hardware Master Contract
- Cisco Virginia Association of State College and University Purchasing Professionals (VASCUPP)
- Federal Reserve Board 202000834

CISCO TOP-FIVE MID-ATLANTIC SLED PARTNER 2019 & 2020

CISCO OUTSTANDING SOLUTIONS PARTNER OF THE YEAR 2016

Standards American Registrations Authority REGISTERED

ISO 9001:2015

CBE Certified Business Enterprise Program

Inc.5000

2016 ICIC INNER CITY 100 HALL OF FAME AWARD

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TRAXyL®
in collaboration with
Networking For Future Inc.
presents
FiberTRAX®
NFF
“Painting” Optical Fiber on Pavement
Feb. 17, 2021

Leadership

Daniel Turner - *CEO*

VIRGINIA TECH

Engineering

Telecommunications & optical fiber expert

Stephen Carter - *COO*

RADFORD

Business

Johnson Controls

Digital controls & system integration

Team

Keith Turner

Sales and Installation Support

Blaine Riney

Training and Installation Support

Phillip Turner

Technical Advisor

Jeffrey Ensminger

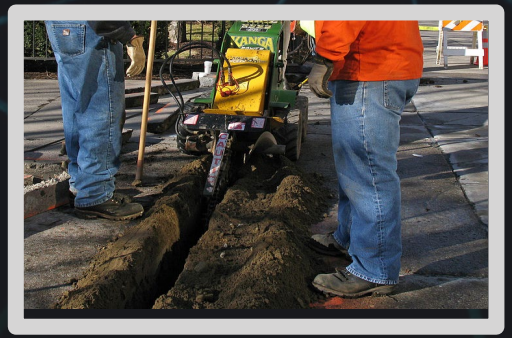
Engineering


Optical Fiber
5G
ISPs
ACCESS

Fiber is a key driver to new technologies, yet installation is:

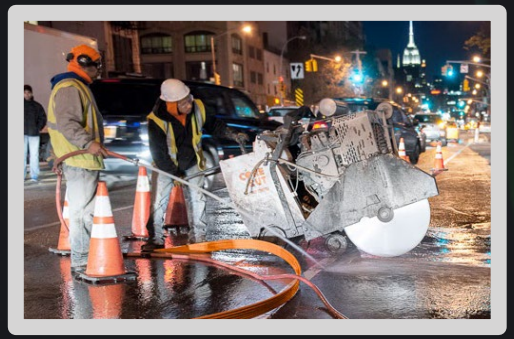
Expensive

Months of time at $15 to $150 per foot



Disruptive

Closures, detours, and delays



Destructive

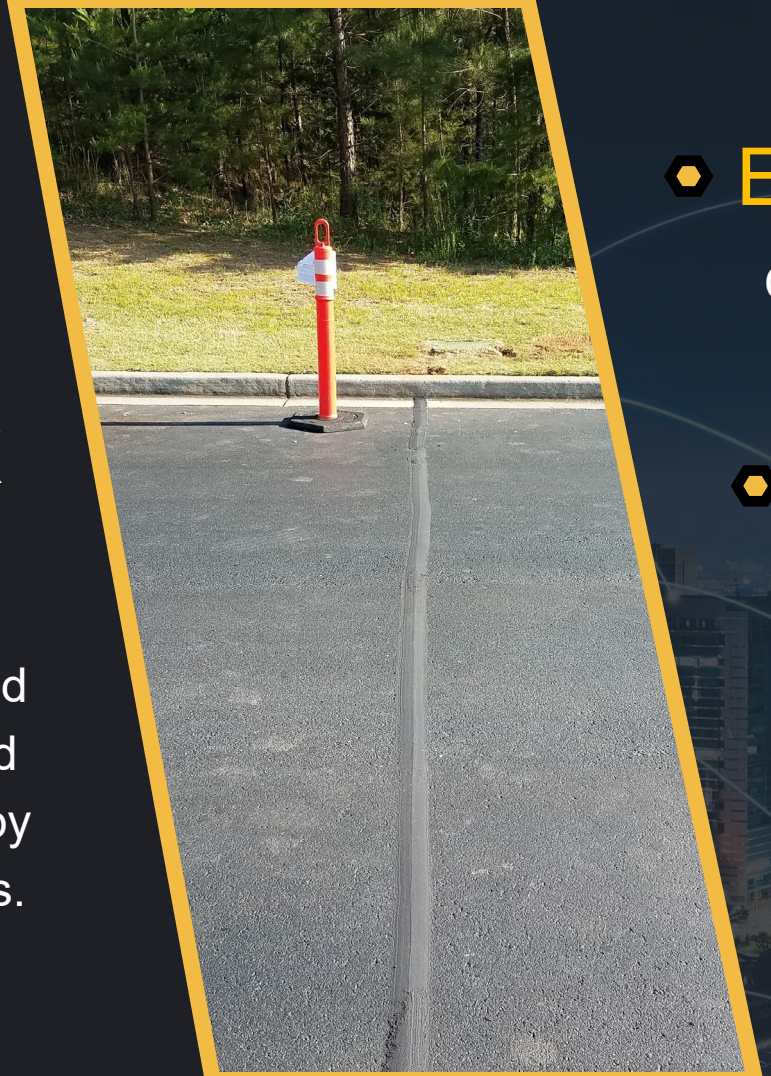
Property, utility, and environment damage

FiberTRAX®:

“Painting” fiber on paved surfaces

The *Fiber*TRAX Advantage

Rapidly deployed surface mounted fiber protected by durable coatings.



Efficient

On-demand install at low cost

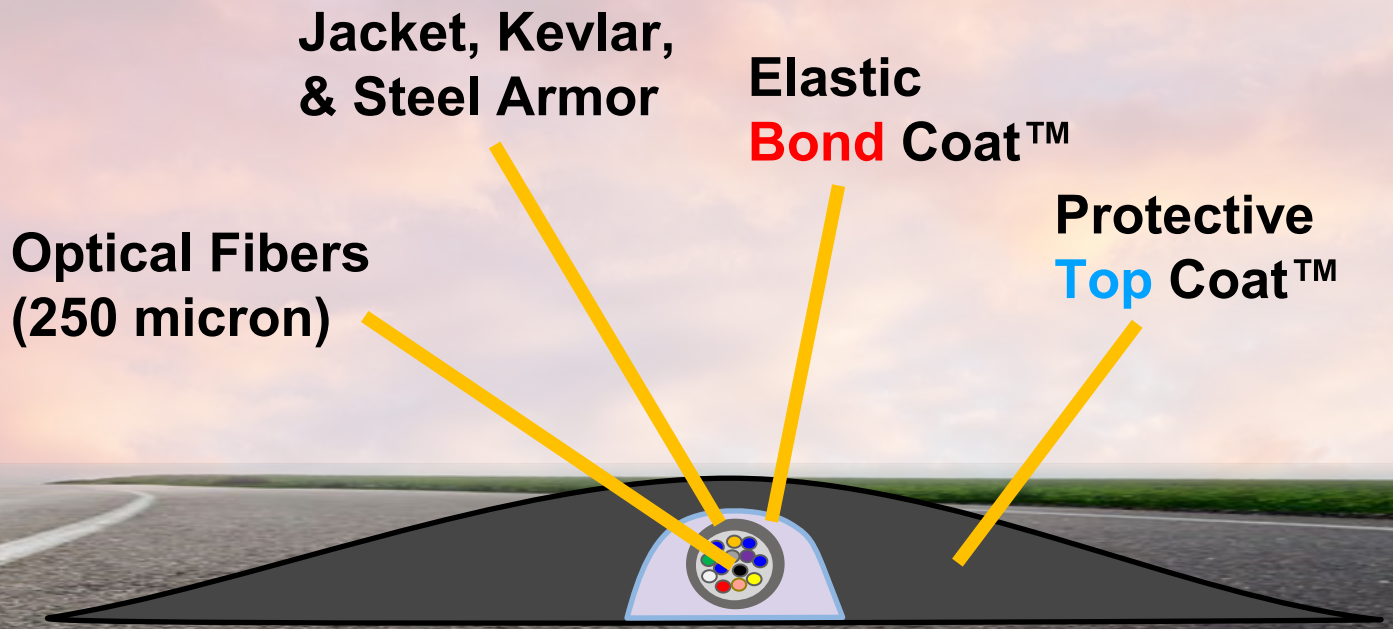
Convenient

Easy to use and deploy

Versatile

New pathways for fiber

*Fiber*TRAX Cross-section



DIMENSIONS

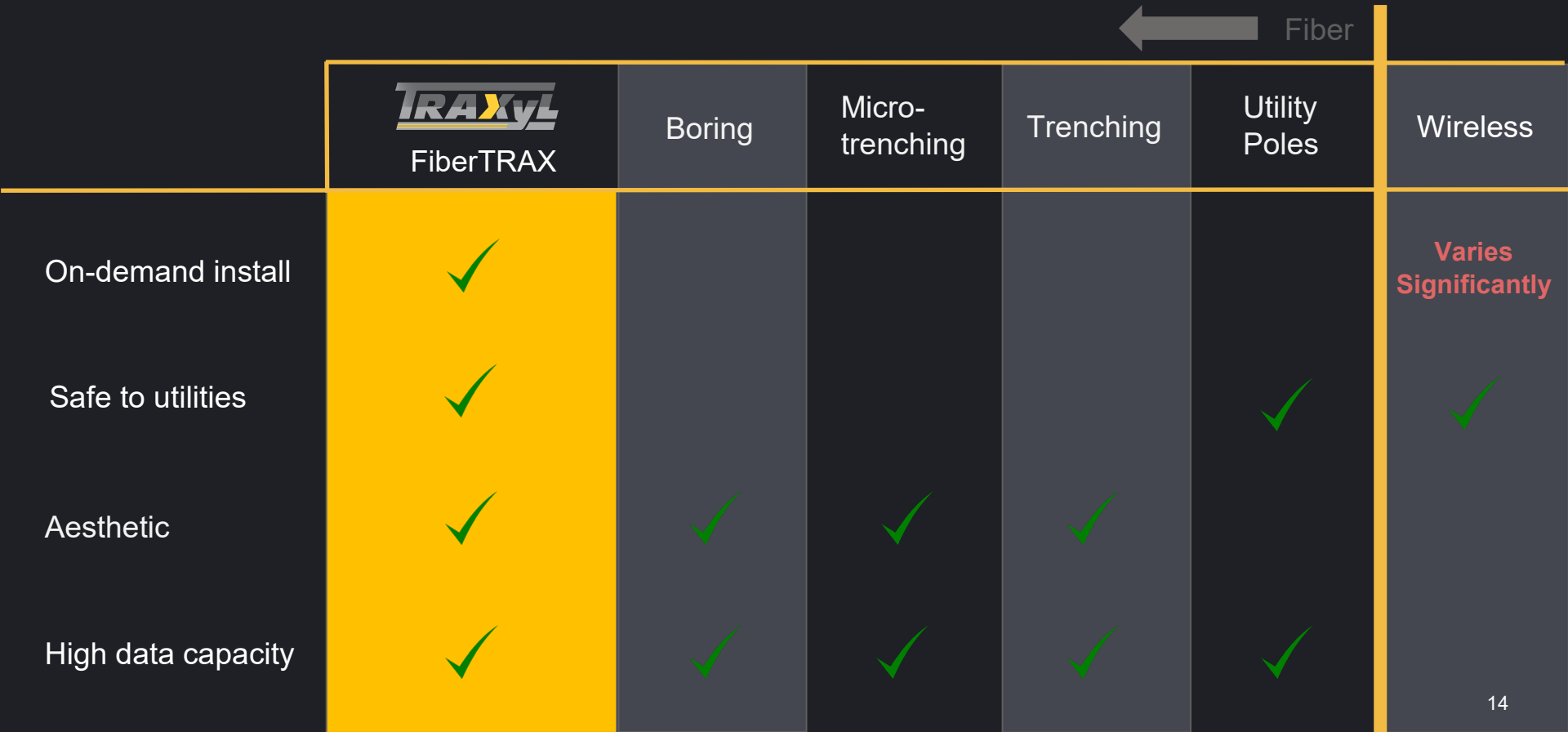
FiberTRAX
width: ~100 mm

FiberTRAX
height: ~8 mm

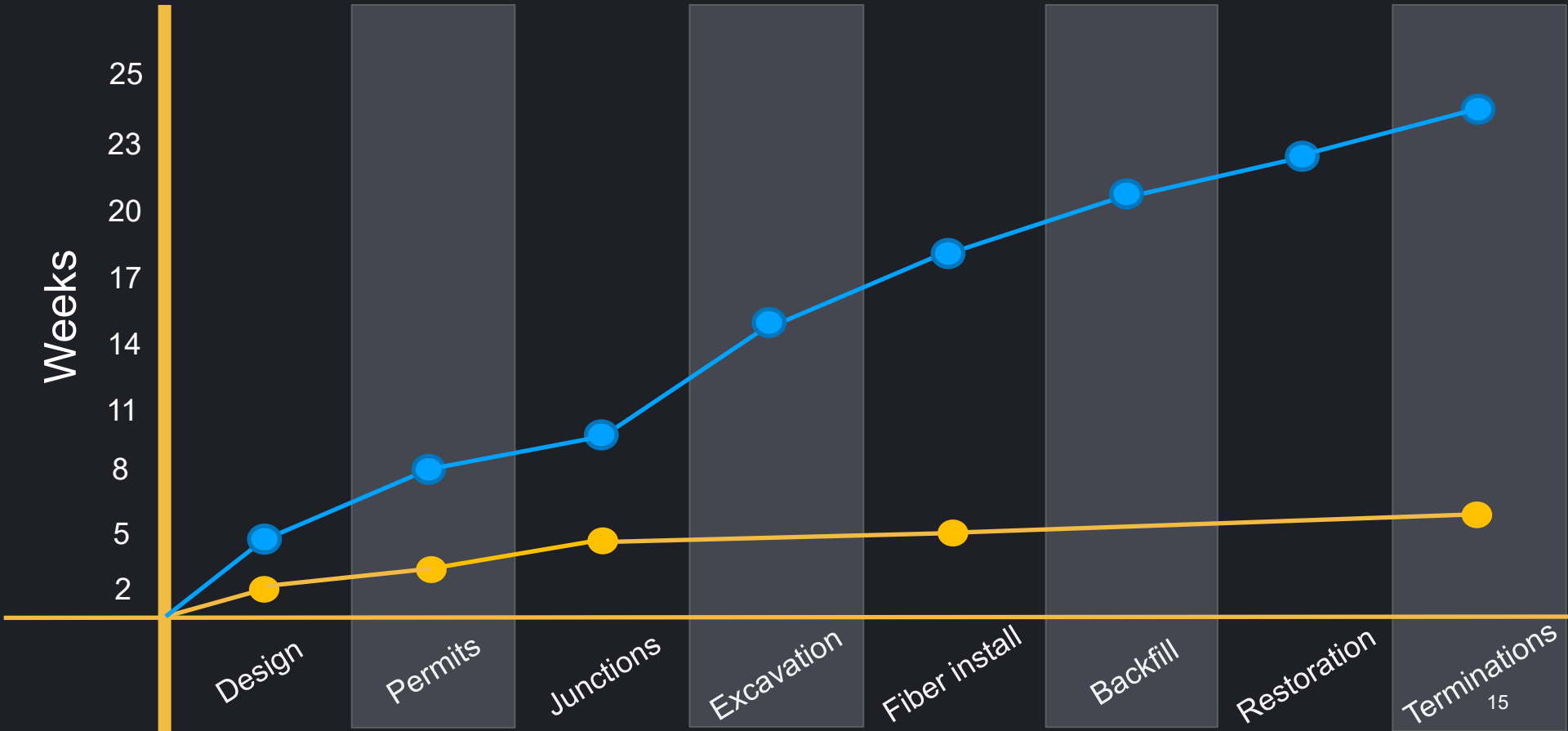
Cable
diameter: 3-5 mm

Size exaggerated, not to scale.

FiberTRAX vs Conventional Methods



Mile of FiberTRAX vs Conventional



TRAXyL's Model:

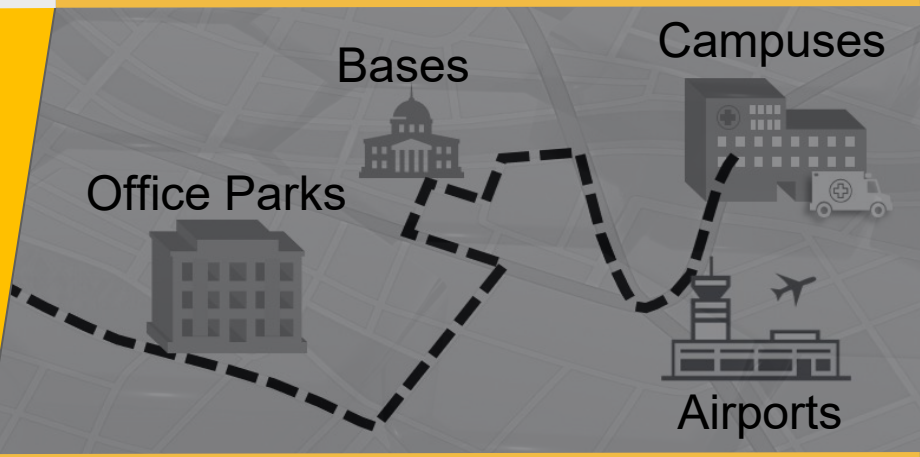
- Lease Equipment
- Sell Fiber and Coatings
- Training & Certification

Initial Customer Focus

Customer Needs

- Last mile
- Network extension
- Fast or immediate install

Customer Locations



Customer Acquisition

- Distribution & Channel Partners
- Education
- Partner with Installers & ISPs

Traction

2017 2018 2019 2020 2021

Patents & Awards

US 9588315

Innovation Award

US 10268016

Startup Space Winner

US 10866380

Incubators & Accelerators

Halcyon INCUBATOR $10k

UrbanTech

Austin, TX Top Finalist $150K

SBIR Accelerator

Paid Pilots, Grants & Contracts

SBIR Phase I $225K

US Army Corps of Engineers $1.44M

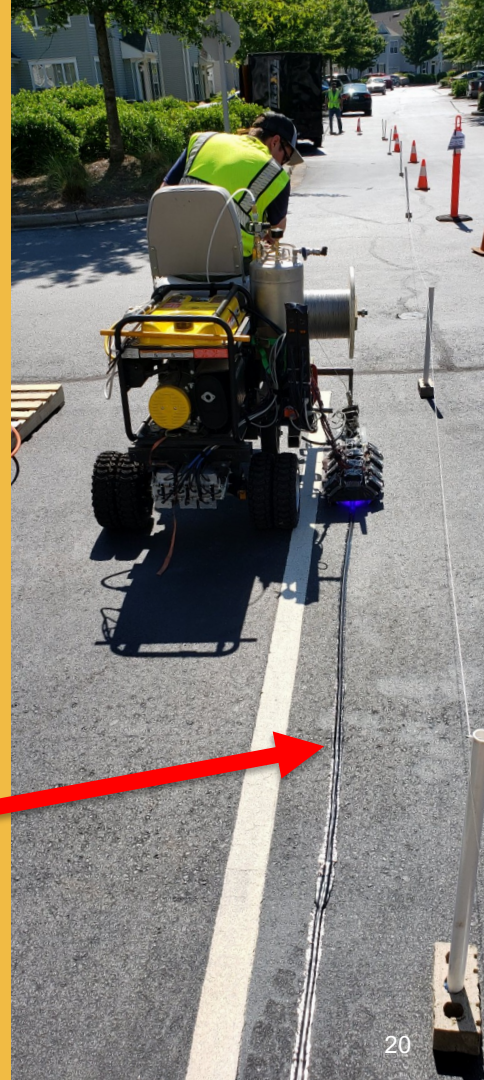
US Air Force Phase I – AFWERX $50k

US Air Force Phase II – RSO $1M

SBIR Phase II $993K

SBIR
Phase 1
Grant


GiG STREEM
Paid Pilot
TRAXyL
A new path for fiber installers and 5G
traxyl.com
1-844-4-TRAXYL
Completed FiberTRAX
FiberTRAX 1st Pass
Shown above is an older prototype.
New FiberTRAXtor shown on a previous slide.



Elysian Fiber Case Study

elysian fiber

Tina Lyden
President & CEO
Elysian Fiber

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CASE STUDY: ELYSIAN FIBER

Overview:
- Ohio DOT Bridge

Objective:
- Connect ISP fiber to new home plan, cell tower, other businesses, and municipality
- Approaching Deadlines for Project Milestones
- Permitting / Approval challenges
- Limited budget

Solutions Explored:
- Conduit on bridge
- HDD under river
- TRAXyL

Results:
- TRAXyL deployed in two days
- Redundancy included
- Ohio DOT approval of FiberTRAX

Advice:
- Utilize FiberTRAX for last-mile and be on lookout for high-count fiber developments

Dulles Airport Car Rental Case Study

Chris Novak
Network and Infrastructure Consultant

NFF

CASE STUDY: DULLES AIRPORT CAR RENTAL

Overview
- Car Rental Agency – Dulles Airport

Objective
- Provide network connectivity to two recently acquired buildings
- Time = $$
- Permitting / Approval challenges
- Avoid the things that could “blow up” under the surface (ex: fuel tanks)
- Limited budget

Solutions Explored
- MicroTrenching
- TRAXyL

Results
- TRAXyL deployed in one night
- No downtime
- No permitting issues – because no trenching

Advice
- Explore all your deployment options, make sure you include TRAXyL

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TRAXyL – Today & Path Forward Innovation

Daniel Turner
Chief Executive Officer
TRAXyL

NFF

Data and Beyond

Help government, businesses and communities get access **faster**.

- Identify pilot projects
- Industry adoption
- Schedule a FiberTRAX demo

Questions and Answers
(submit via Chat)

Today's recording and slide deck will be available at:
https://www.nffinc.com/resources/webinars/

To learn more contact: sales@nffinc.com

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Your performance improvement is our measure of success.

Thank You!

NFF