

Innovative Advancements in Fiber Deployment

Crown Castle in Partnership with: City of Los Angeles: Nazila Cruz City of Elk Grove: Shoaib Ahrary

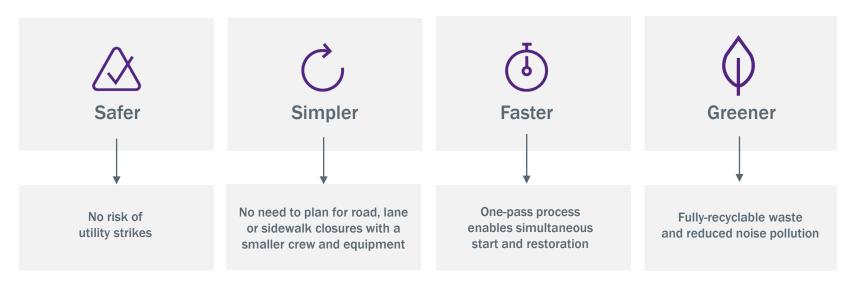


Agenda

- 1. Rapid Overview
- 2. Rapid vs Boring
- 3. City of Elk Grove
- 4. City of Los Angeles
- 5. Questions and Answers



We've built on our network deployment experience to create added benefits.





We partnered with Corning on a new process that makes network expansion less disruptive.

- Meet the highest standards of safety
- Use a simplified process
- Minimize disruption
- Blend into the existing streetscape





Corning, a Fortune 500 company, is one of the world's leading fiber manufacturers.



Introducing a better way to deploy fiber.

Rapid Connect uses a small moving crew and safety vehicles to simultaneously cut, place and seal underground fiber—without shutting down traffic.



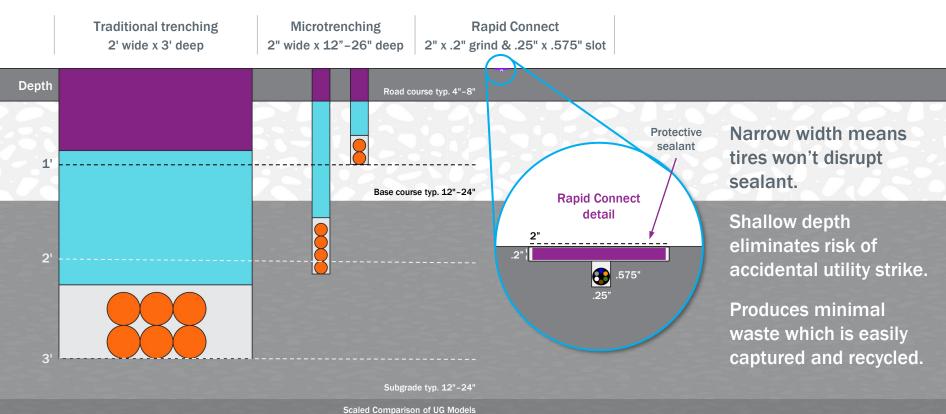








Rapid Connect is less invasive.





PAGE 6

Rapid vs. Boring













2022	6 Completed Permits	530'	0.60 Miles
2023	38 Completed Permits	15,760'	2.98 Miles
2024	5 Completed Permits	6,188'	1.17 Miles





Rapid Internally Approved Construction Standard for Crown Castle.







Experience with Rapid in Los Angeles

- Fast & Efficient installation
 - Immediate restoration compared to Micro/open-Trench.
 - Less impact to community and traffic.
- Minimal and shallow surface disruption with no subsurface disruption.
 - Less structural damage to AC and Concrete surfaces.
 - Increased longevity of streets over other methodologies.
- Less overall construction and Street Damage Restoration fees (SDRF).
 - Allows telecommunications companies to provide additional services.
- Minimal to zero waste with recyclable spoils.
- No surface limitations Rapid can be installed on concrete and AC surfaces.
- Faster and more efficient coordination with any conflicting excavation.

"The lower installation cost and time makes it easier to get connectivity to underserved communities, which is even more important in today's virtual work and services." – Ted Allen, Los Angeles City Engineer & Deputy Director BOE





Key Rapid Milestones





2022	1 Completed Permits	2,553'	0.48 Miles
2023	4 Completed Permits	50,454'	9.56 Miles



Speed – 10 miles in less than 3 months



2024 Pipeline 1 Permit	4,700'+/-	0.89 Miles
---------------------------	-----------	------------



Additional client investment into Elk Grove







Experience with Rapid in Elk Grove

- Opportunity for Elk Grove to partner with Crown Castle for its own connectivity goals
- Little to no Dust and noise pollution
 - Clean and Quick operation
 - Reduction in residential complaints <u>0</u> from Rapid connect.
- Enhanced connectivity around populated areas.
- Crown castles responsiveness to issues and oversight on Contractors.
 - Aided with the city inspection staff.





Question & Answers



Thank you

For further information please contact:

Daniel Acosta (949) 930-7457 Daniel Acosta@crowncastle.com

