

November 9th, 2023

How can existing fiber optic cables be used for live damage prevention and enhanced security?

[10:41 AM] Brenda Reigle

How can we push the Federal and State government for grants to help advance technology for damage prevention?

[10:48 AM] Brenda Reigle

How does it locate different utilities, and does it give x,y,z positions?

[10:50 AM] Paul Benson

So, in new construction would this be in addition to or in place of installing tracer wire/tape with an asset?

[10:51 AM] Brenda Reigle

Paul Benson (External) So, in new construction would this be in addition to or in place of installing tracer wire/tape with an asset?

Good question.

[11:06 AM] Pavlou, Dimitris

With the majority of new utility asset installations via HDD, creating issues with tracer wire installations, has FOSA any recommendations on installations processes to reduce excessive bending or flexing of the designated "sensor" fiber?

[11:07 AM] Pavlou, Dimitris

Similarly, do you have any recommendations to limit signal attenuations due to segment spans?

[11:08 AM] Sheeran, Patrick

Great information on new tech used to add another tool for damage prevention. I'd love to set up demo conversation for our Lake County DOT operations as well as our IL JULIE One-Call system

[11:08 AM] Brenda Reigle

So it's not really going to help contractors know where utilities are located.

[11:10 AM] Brenda Reigle

I'll like someone to contact me about how I can help promote in PA.

[11:11 AM] Brenda Reigle

Brenda Reigle - DIG Prevention Consulting, brenda@dpc-pro.com

[11:12 AM] John J. Williams

Brenda Reigle

So it's not really going to help contractors know where utilities are located.

It will help locate a buried fiber, with about a foot accuracy

[11:13 AM] Sonnier, Raymond

what statistics and history do we have so far that proves this is a damage prevention tool? Where could I find this info?

[11:13 AM] Sheeran, Patrick

are there any known uses of fiber optic traffic signal interconnect cabling for this sensing application? Our DOT currently has a large network in place along our county highway network.

[11:15 AM] Brenda Reigle

Is all fiber optic buried or is it aerial?

[11:18 AM] Sheeran, Patrick

Pat Sheeran with LCDOT at psheeran@lakecountyl.gov the traffic monitoring would fall squarely into our operations mandate. I permit these fiber installations both aerial and primarily underground.

[11:22 AM] Suzanne Ducote

A fiber company could use this for footprint auditing, as well as damage prevention?

[11:23 AM] Baum, James

What is the average cost of repair when the fiber is cut or damaged? If I have a buried fiber along with a gas svc or main now, I have two utilities that would have to be repaired. PE gas lines are hit every day and the conduit for fiber isn't much different than PE pipe and can easily be punctured with a boring rig or a backhoe. I have seen a many fiber optic cables damaged and the conduit. Can you shed any light on how many damages you have with the buried fiber along with other utilities?

[11:24 AM] Sonnier, Raymond

any false alarms on this system?

[11:29 AM] Levi Mills

November 9 2023 Town Hall Survey

Please complete the 1 minute survey on the Town Hall. This is a great chance to suggest a future topic

[Start now](#)

Microsoft Forms

[Terms and conditions](#)

[Privacy policy](#)

[11:29 AM] John J. Williams

False alarms can happen, systems should be dialed in to only alarm on threats.