



*presents*  
A Fiber Manager Tutorial

# Additional Info

You should complete all previous guides before proceeding.

Previous Guides

*Network Data Creation, Circuit Building, and Splicing*

# Fiber Manager

- Complete visualization of all fiber strands at a node
- Indication of the physical and operational status of fiber strands
  - Reserve fiber paths for future activation
- Streamlined processes for FTTH design and circuit provisioning
  - Easily manage equipment connections and ports

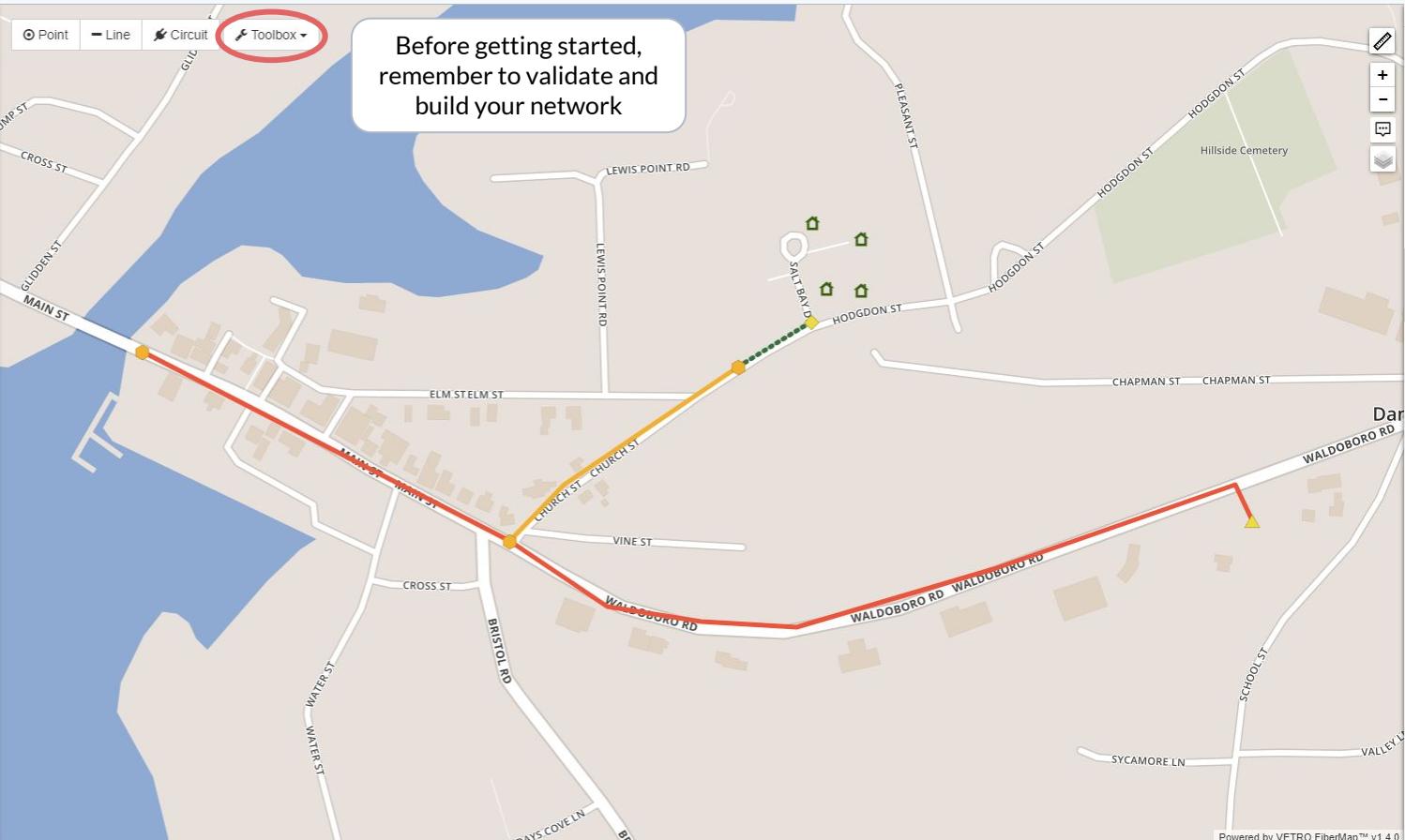


EDIT

Select a feature to edit!

 Point    Line    Circuit    Toolbox

Before getting started,  
remember to validate and  
build your network



**VETRO FiberMap™**

search

Point Line Circuit Toolbox ▾

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A Location Z Location

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345 BB-0000873

FAT-0000695 BB-0000873

FAT-0000694 Z-Loc  
Latitude: 44.03337  
Longitude: -69.533436

Select the 'Fiber Manager' panel

Create a workpath by choosing A and Z locations

The left panel depicts a workpath (the physical route being traced on the map).

The lower panel contains all of the fiber paths within the selected workpath.

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1	
2	
3	
4	
5	

# Fiber Manager

**FIBER MANAGER**

Z Location

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345 BB-0000873

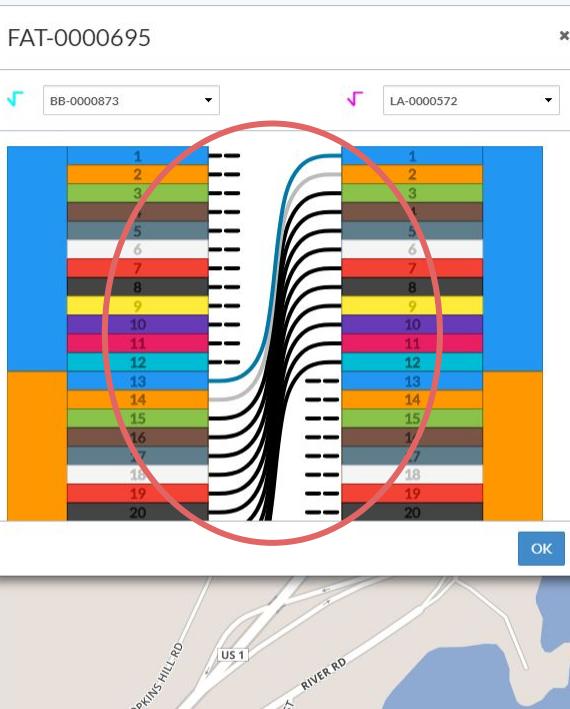
FAT-0000695

Open the splice diagram by selecting a node

FAT-0000697 PT-0000527

MP-0000618 DR-0001968

SL-0001481 Z-Loc  
Latitude: 44.034434  
Longitude: -69.525765



The appearance of strands represents their different physical and operational statuses.

Blue: In use (Circuits)

Gray: Reserved

Black: Available

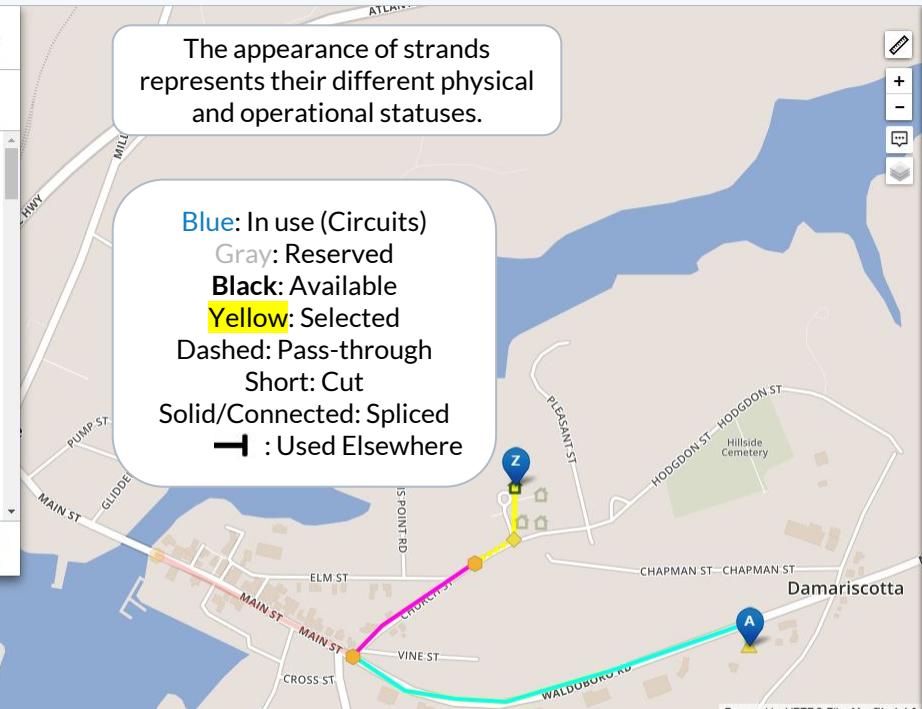
Yellow: Selected

Dashed: Pass-through

Short: Cut

Solid/Connected: Spliced

— : Used Elsewhere



# Fiber Manager

## FIBER MANAGER

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A	Location
Z	Location

A-Loc

Latitude: 44.031981  
Longitude: -69.520733

CO-0000345

BB-0000873

FAT-0000695

BB-0000873

FAT-0000694

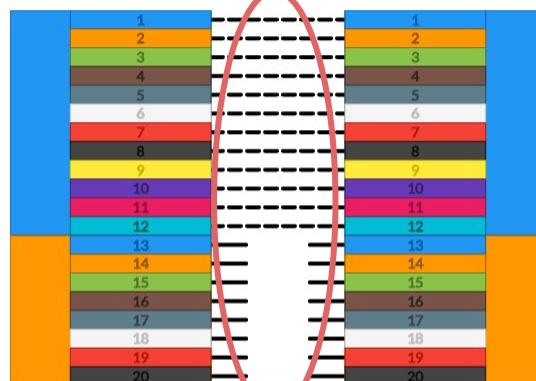
Z-Loc

Latitude: 44.03337  
Longitude: -69.533436

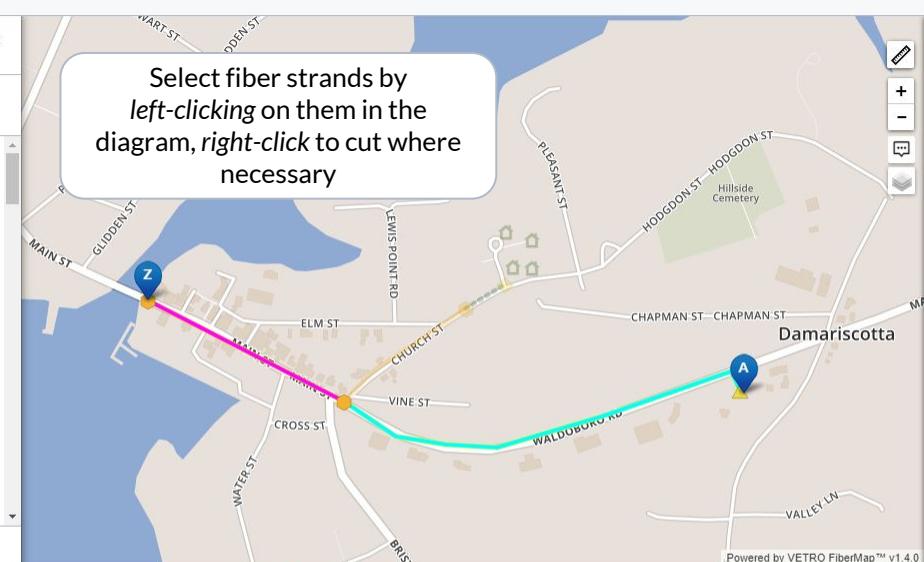
FAT-0000695

BB-0000873

BB-0000873



Select fiber strands by  
left-clicking on them in the  
diagram, right-click to cut where  
necessary



Fiber Paths

Edit



# Fiber Manager

## FIBER MANAGER

Select two network points on the map to define your workspace and begin managing fibers.

[Reset Workspace](#)

A Location

Z Location

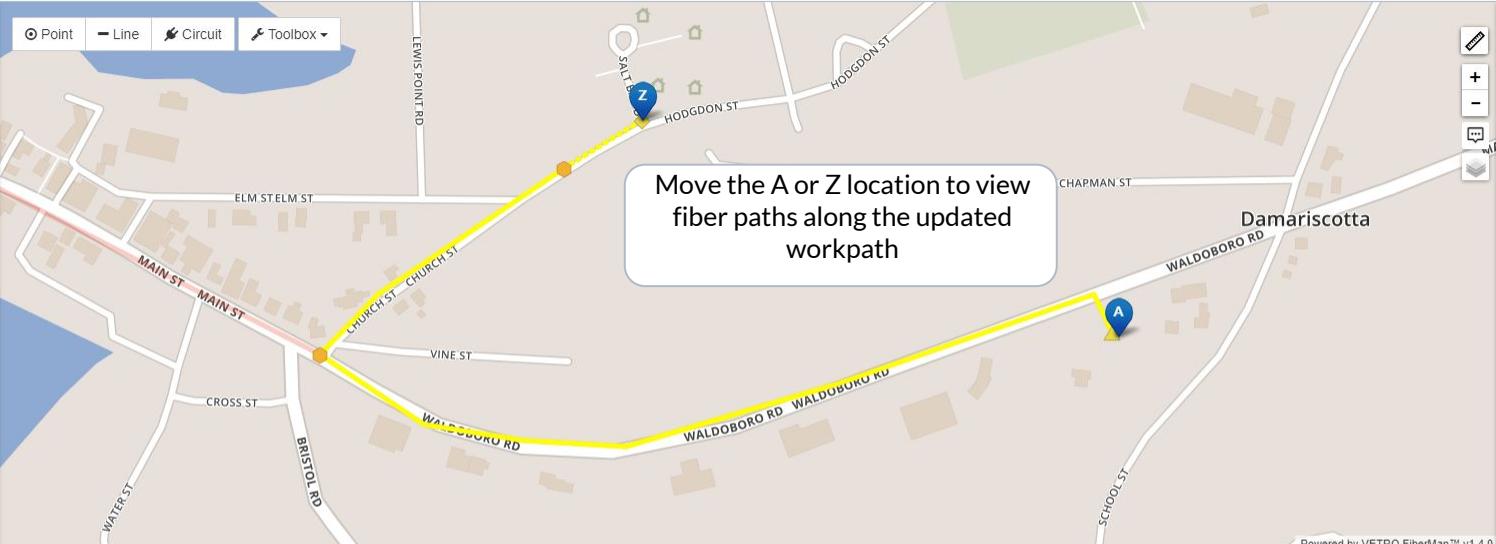
A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345  
BB-0000873

FAT-0000695  
LA-0000572

FAT-0000697  
PT-0000527

MP-0000618  
Z-Loc  
Latitude: 44.033616  
Longitude: -69.525776



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## Fiber Paths

[Edit](#)

No Fiber Paths Found

# Fiber Manager

**VETRO FiberMap™**

search

trial

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A Location: BB-0000873

Z Location: LA-0000572

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345

BB-0000873

FAT-0000695

LA-0000572

Open the splice diagram by selecting a node

PT-0000527

MP-0000618

Z-Loc  
Latitude: 44.033616  
Longitude: -69.525776

**FAT-0000695**

BB-0000873 LA-0000572

OK

Fiber Paths

Edit

No Fiber Paths Found

Allocate fiber strands using the previously cut paths

# Fiber Manager

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A Location  
Z Location

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345

BB-0000873

FAT-0000695

LA-0000572

FAT-0000697

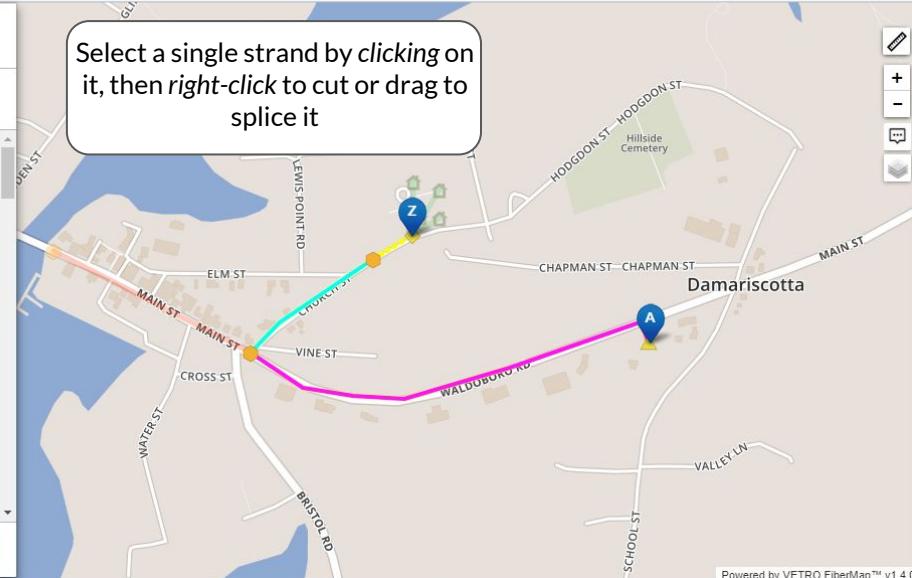
PT-0000527

MP-0000618

Z-Loc  
Latitude: 44.033616  
Longitude: -69.525776



Select a single strand by clicking on it, then right-click to cut or drag to splice it



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# Fiber Manager

**VETRO FiberMap™**

search

trial

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

**A** Location   
**Z** Location

**A-Loc**  
Latitude: 44.031981  
Longitude: -69.520733

**CO-0000345**

**BB-0000873**

**FAT-0000695**

**LA-0000572**

**FAT-0000697**

**PT-0000527**

**MP-0000618**

**Z-Loc**  
Latitude: 44.033616  
Longitude: -69.525776

**FAT-0000695**

**BB-0000873**

**OK**

**Fiber Paths**

No Fiber Paths Found

Shift-click to select multiple strands, then Right-click to cut OR Drag to splice

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# Fiber Manager

## FIBER MANAGER

Select two network points on the map to define your workspace and begin managing fibers.

A	Location
Z	Location

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345

BB-0000873

FAT-0000695

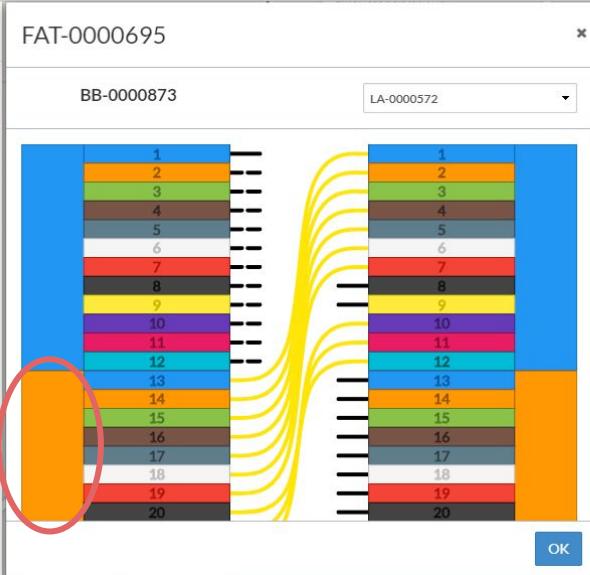
LA-0000572

FAT-0000697

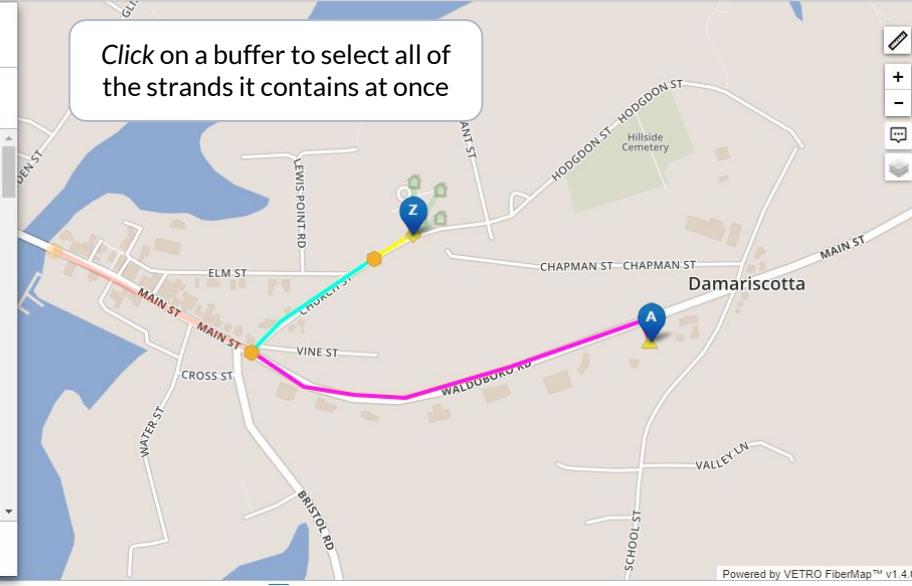
PT-0000527

MP-0000618

Z-Loc  
Latitude: 44.033616  
Longitude: -69.525776



Click on a buffer to select all of the strands it contains at once



# Fiber Manager

## FIBER MANAGER

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A	49 Washington Ave, Portland, Maine 04101
Z	Location

A-Loc

Latitude: 43.665543  
Longitude: -70.251067

CO-0000305

BB-0000822

FAT-0000602

BB-0000822

FAT-0000603

PT-0000518

MP-0000608

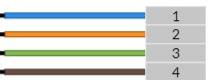
Z-Loc

Latitude: 43.66454  
Longitude: -70.248607

FAT-0000603

BB-0000822

PT-0000518



1 Piece of Equipment Is Currently Unattached

SP-0000226 (Ports 1,2)

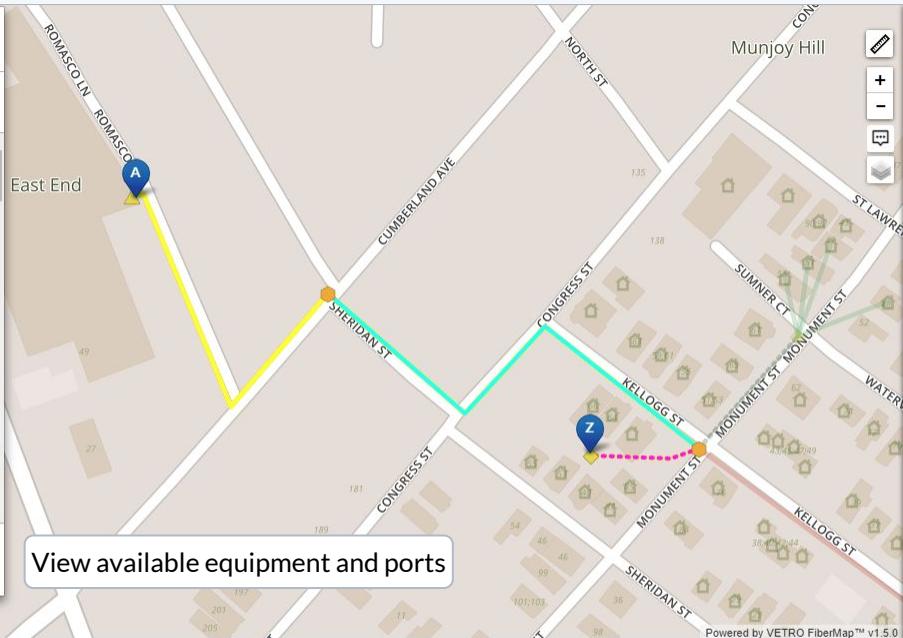
OK

Fiber Paths

Edit



No Fiber Paths Found



View available equipment and ports

# Fiber Manager

## FIBER MANAGER

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A 49 Washington Ave, Portland, Maine 04101

Z Location

A-Loc

Latitude: 43.665543  
Longitude: -70.251067

CO-0000305



BB-0000822

FAT-0000602



BB-0000822

FAT-0000603



PT-0000518

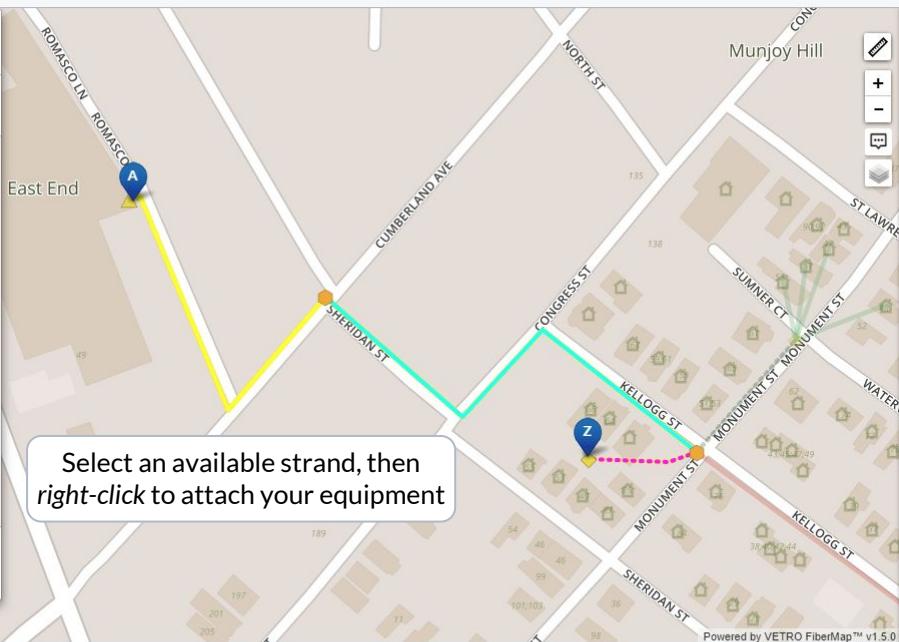
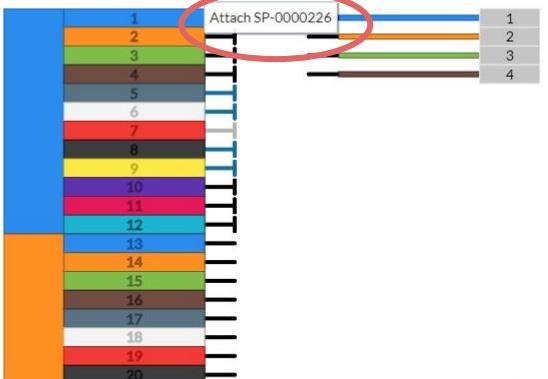
Z-Loc

Latitude: 43.66454  
Longitude: -70.248607

FAT-0000603

BB-0000822

PT-0000518



Fiber Paths

Edit

No Fiber Paths Found

# Fiber Manager

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

**A** 49 Washington Ave, Portland, Maine 04101

**Z** Location

**A-Loc**  
Latitude: 43.665543  
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**CO-0000305**

**BB-0000822**

**FAT-0000602**

**BB-0000822**

**FAT-0000603**

**BB-0000822**

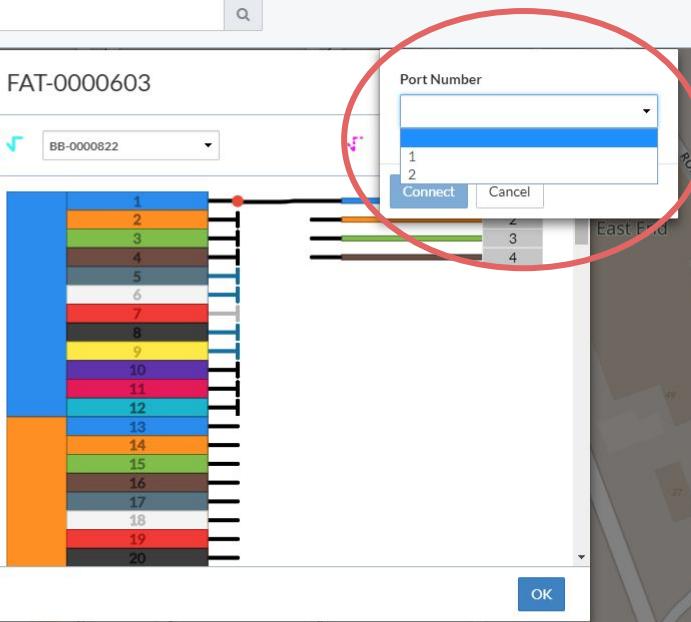
**FAT-0000603**

**PT-0000518**

**MP-0000608**

**Z-Loc**  
Latitude: 43.66454  
Longitude: -70.248607

**Reset Workspace**



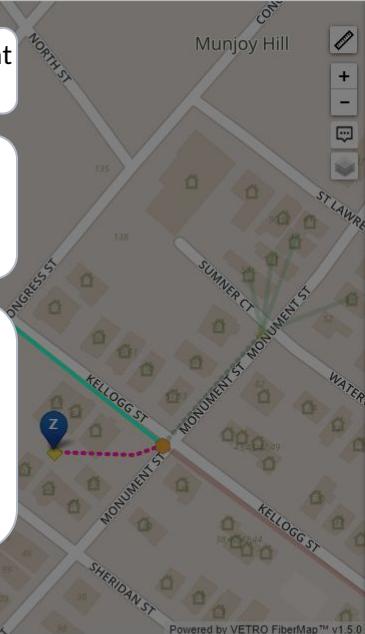
Connect a strand to your equipment by choosing an available port

Note that splitters may only have one upstream connection, while multiports may have many

: Splitter (Open)

: Splitter (Full)

: Multiport (Port #)



# Fiber Manager

**VETRO FiberMap™**

search

trial

**FIBER MANAGER**

Select two network points on the map to define your workspace and begin managing fibers.

Reset Workspace

A Location: Latitude: 44.031981 Longitude: -69.520733

Z Location: Latitude: 44.033616 Longitude: -69.525776

A-Loc  
Latitude: 44.031981  
Longitude: -69.520733

CO-0000345

BB-0000873

FAT-0000695

LA-0000572

FAT-0000697

PT-0000527

MP-0000618

Z-Loc  
Latitude: 44.033616  
Longitude: -69.525776

**FAT-0000697**

LA-0000572 PT-0000527

Pigtail-Multiports connections are represented as a single pre-connectorized object in the splice diagram

OK

Fiber Paths

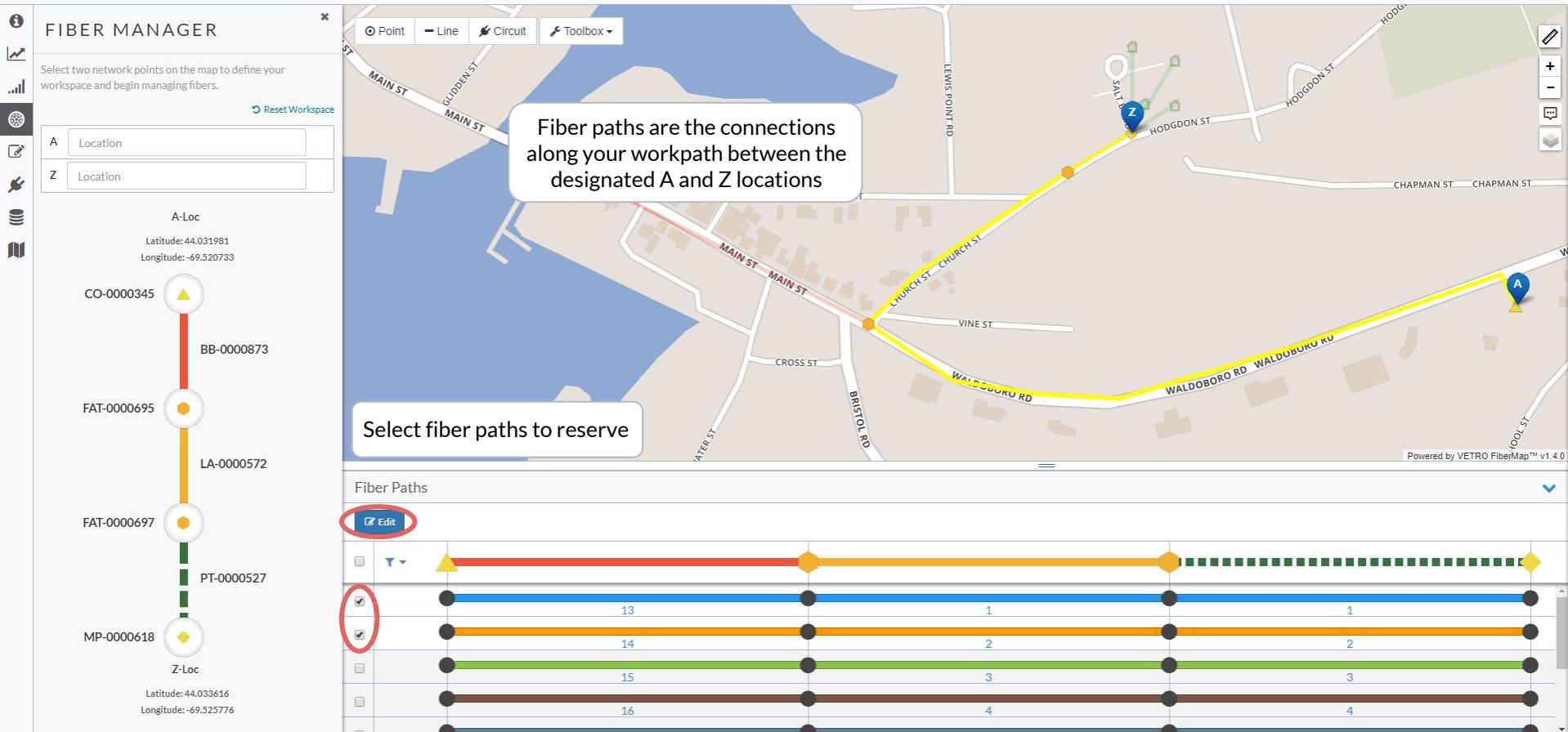
Edit

13 1 1  
14 2 2  
15 3 3  
16 4 4

Once connections have been established across your entire workpath, the resultant *fiber paths* will appear in the fiber path panel along the bottom of your screen

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# Fiber Manager



# Fiber Manager

# Quick Connect

- Automate the connection to service location
  - Create and assign equipment and cables
- Leverage reserved fiber paths to complete circuit path

## QUICK CONNECT

Equipment

Fiber Cable

Review &amp; Save

Equipment

Add New Equipment

Equipment Type

FTP

Number of Ports

2

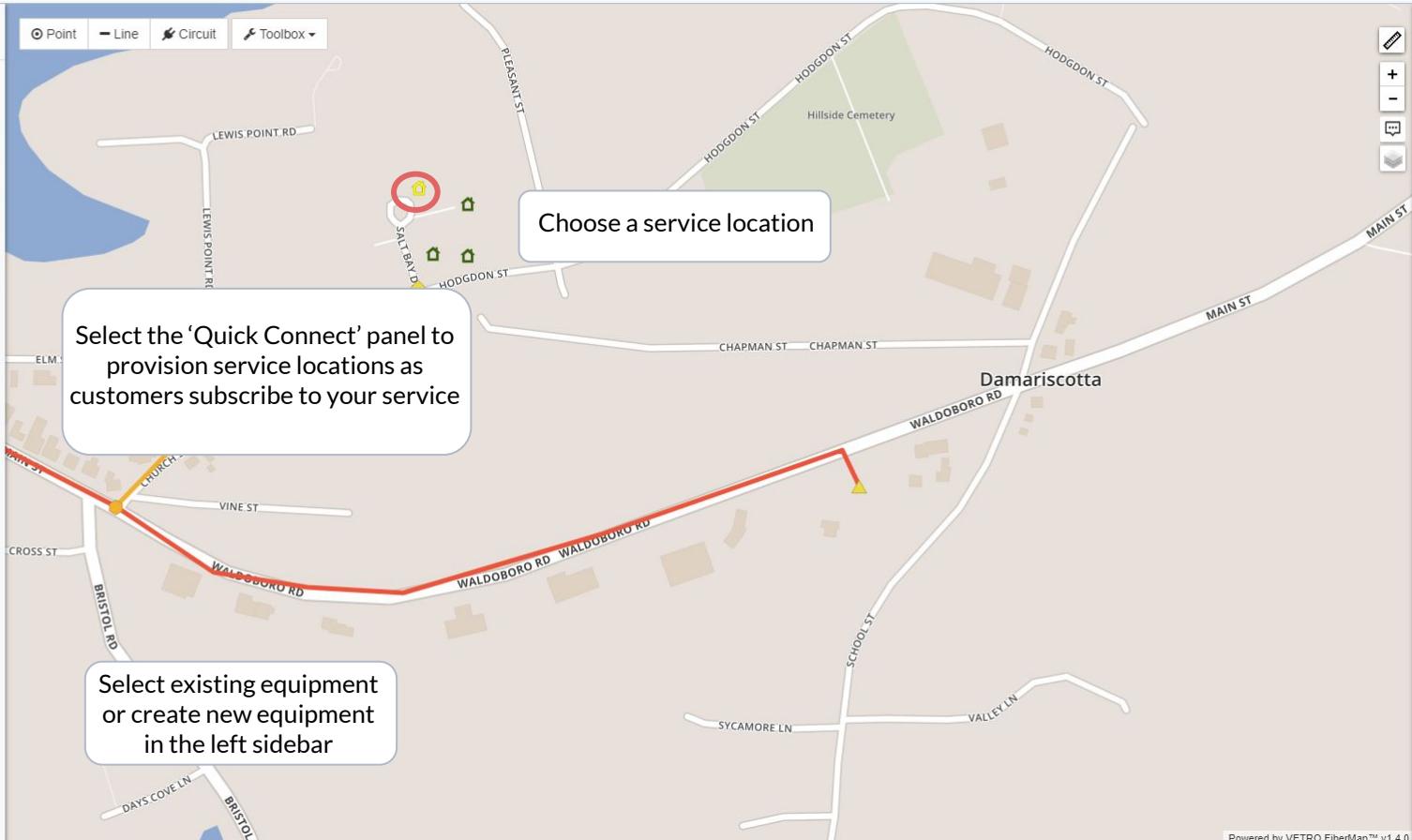
Cancel

Next

Select the 'Quick Connect' panel to provision service locations as customers subscribe to your service

Choose a service location

Select existing equipment or create new equipment in the left sidebar



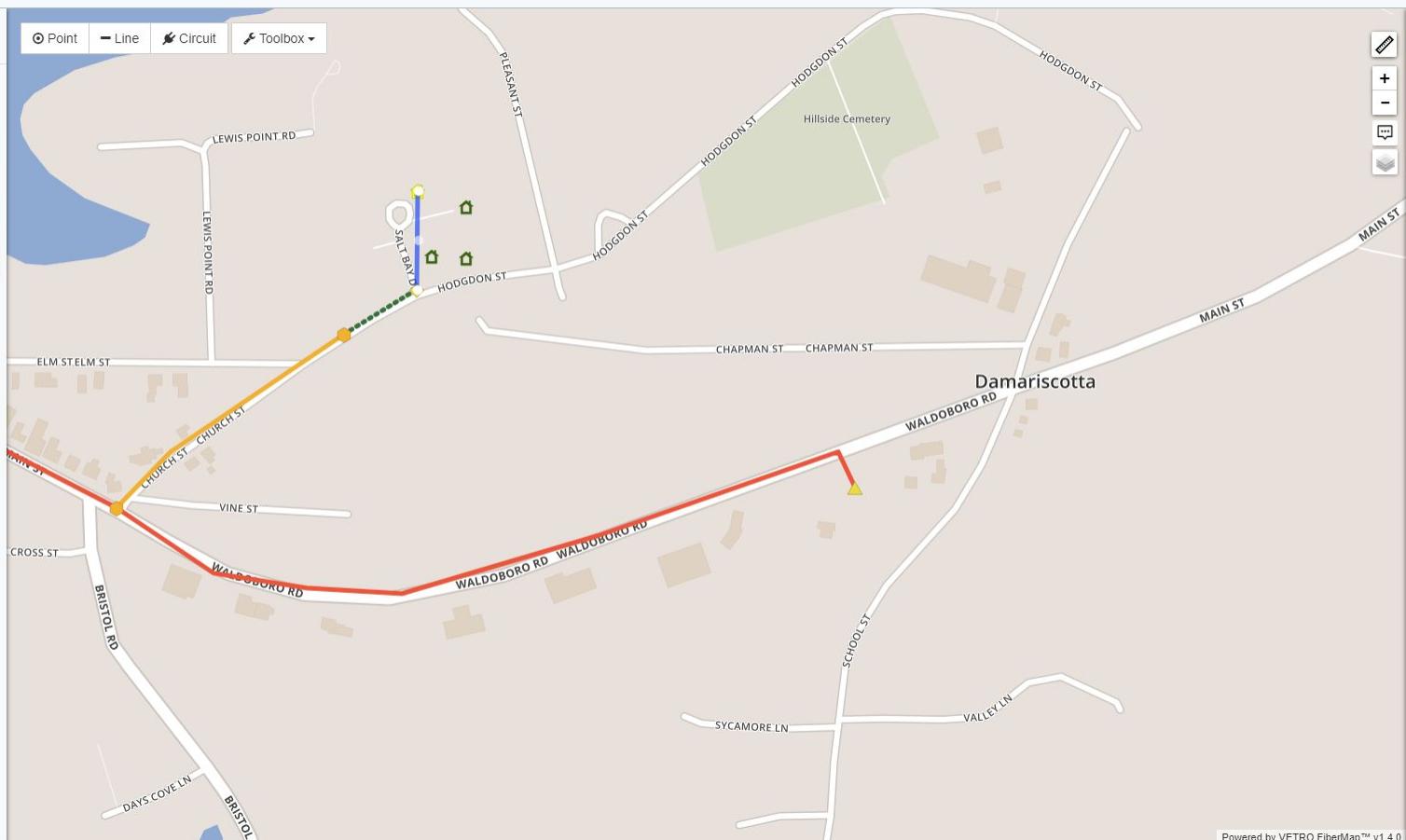
**QUICK CONNECT**

Equipment Fiber Cable Review & Save

Fiber Cable Type  
Drop

Fiber Capacity  
1

**Cancel** **Next**



# Fiber Manager

**QUICK CONNECT**

Equipment > Fiber Cable > Review & Save

FTP  
ID: FTP-0000344  
Number of Ports: 2

Drop  
ID: DR-0001968  
Fiber Capacity: 1

**Cancel** **Save**

Review and save your selections

# Fiber Manager

**QUICK CONNECT**

**Details** Trace

Circuit ID  
GWI-ME-DF-0922391  
[restore auto ID](#)

Customer Name

End-to-end dB Loss

OTDR Length

Type

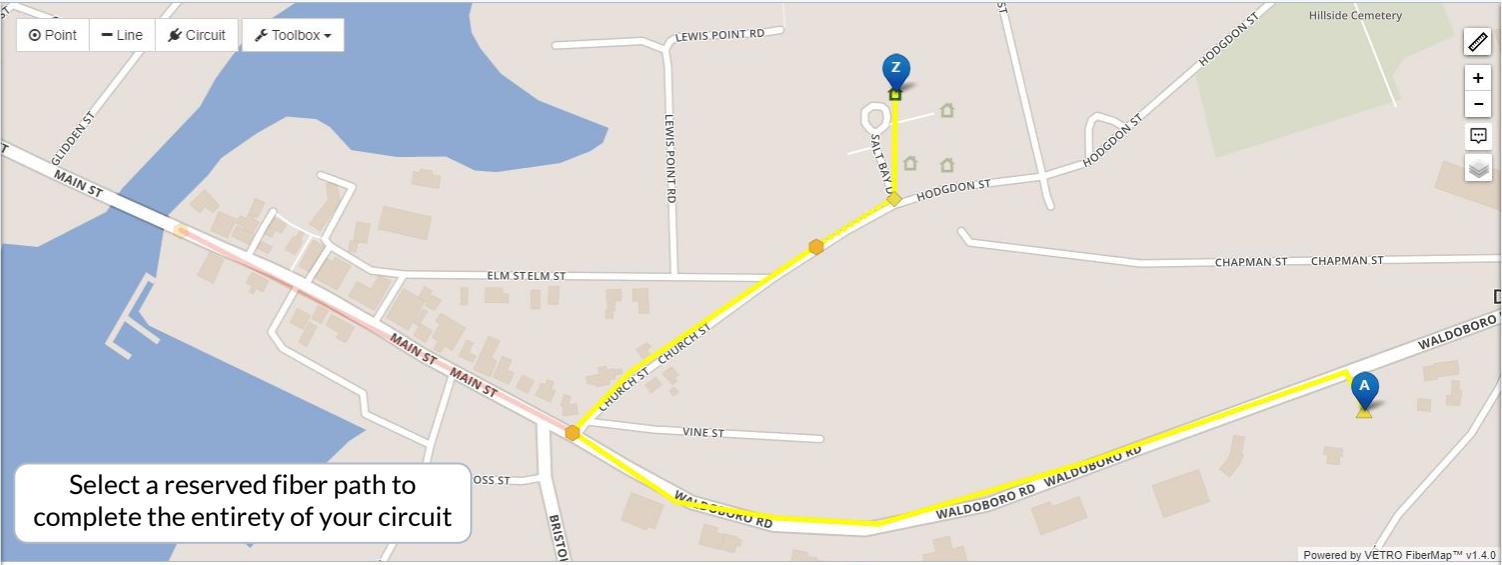
Note

Circuit Length (ft.)

Circuit Trace Points

A	Location
Z	Location

**Save** Cancel



Select a reserved fiber path to complete the entirety of your circuit

#### Fiber Paths



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A-Loc

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BB-0000873

FAT-0000695

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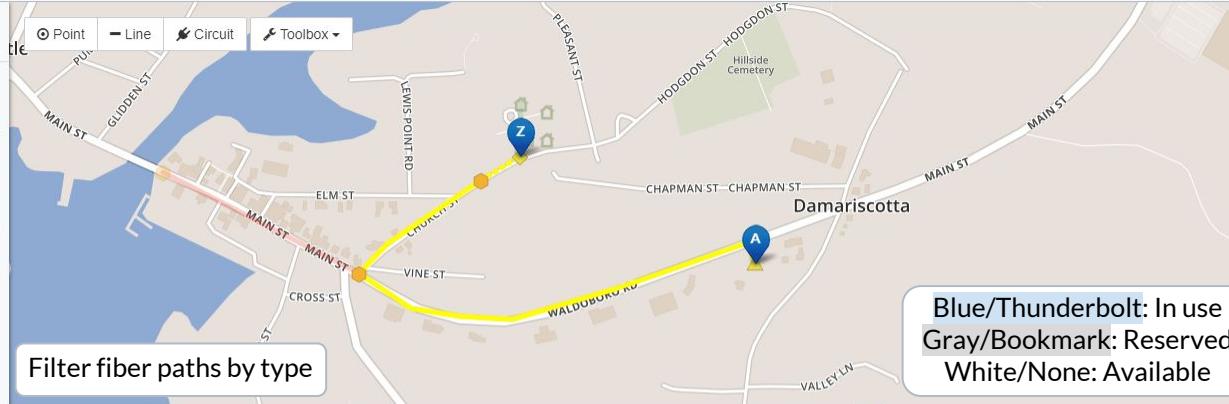
FAT-0000697

PT-0000527

MP-0000618

Z-Loc

Latitude: 44.033616  
Longitude: -69.525776



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## Fiber Paths

 Edit

All

Available

In Use ⚡

Reserved 📖

16

17

18

19

20

13

14

15

16

17

18

19

20

1

2

3

4

5

6

7

8

# Fiber Manager

# Contact Us

Phone  
207.221.6627

Email  
[info@vetrofibermap.com](mailto:info@vetrofibermap.com)  
[support@vetrofibermap.com](mailto:support@vetrofibermap.com)

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[facebook.com/vetrofibermap](https://www.facebook.com/vetrofibermap)  
[twitter.com/vetrofibermap](https://twitter.com/vetrofibermap)