East Liberty

Marysville

Dublin

Columbus

Legend:
- **Primary Segment (US33)**
- **Secondary Segment (Northwest Parkway/Industrial Parkway)**
- ODOT Telecom Building
- Expedient Data Center
- DartPoints Data Center

Beta District Fiber Loop Offers Ultra High-Speed Connections with Limitless Data & Maximum Security

Leave it to The Beta District to invite businesses to connect to its powerful fiber loop to inspire innovation propelled by the bandwidth that can transmit massive amounts of data through a fully underground, secure fiber optic system.

Anchored by DartPoints and Expedient data centers in Dublin, Ohio, one segment of the fiber loop runs northwest on US33 while the other segment runs southeast, parallel to US33 on Northwest Parkway/Industrial Parkway in Union County. The loop connects at the Transportation Research Center, Inc. in East Liberty.

The "big idea" is that as a Beta District benefit, businesses can lease fiber at reasonable rates and then build laterals to connect their facility to the fiber loop. Then, since they are connected to two data centers, they can buy internet services from those centers at wholesale rates.

Once hooked up, adding bandwidth is extremely affordable since the lighting gear simply needs to be upgraded by the company's IT department. Leases are available for a pair or multiple pairs, depending on the business need. The pairing of fibers allows the data traffic to go in both directions on the loop structure, creating a seamless redundancy.

Compared to the maximum limits of retail internet offerings, The Beta District fiber loop allows for blazing speed and redundant movement of large amounts of data across multiple platforms.

"Memorial Health was able to leverage Union County's fiber loop in conjunction with the Beta District fiber loop to securely back up the hospital's critical data through its data center. This allows Memorial Health to meet all governmental regulatory requirements while providing the hospital a peace of mind that our data is protected and secured."

Andy Chileski
CIO, Union County Memorial Hospital

KEY FACTS

» Funded by DriveOhio, the smart mobility arm of the Ohio Department of Transportation and the US33 Northwest Council of Governments (The Beta District)

» The 35-mile, 432-strand fiber loops along US33 and Industrial Parkway were completed in 2020

» Businesses moving into the District could receive free fiber access

» Fiber leases are also offered at very reasonable rates to businesses and telecommunication companies

» Multi-year contracts are available

» Commercial grade service

» Anchored by DartPoints and Expedient data centers in Dublin, which have "High Tier" infrastructure that supports a fully redundant N+1

» Fully underground, secure conduit

ABOUT DRIVEOHIO

Ohio is home to dozens of public and private entities all involved in the designs, development, testing, use and regulation of automated, connect, electric, and advanced air mobility technologies. DriveOhio, the state's center for smart mobility, connects all of these organizations to advance this technology across the state. An integral part of the Ohio Department of Transportation, DriveOhio fosters cooperation and collaboration, offers faster access to resources and improves efficiency for people and organizations that are looking to be part of this industry.

THE BETA DISTRICT

The Beta District is where prototypes are tested, tweaked and honed through collaboration and feedback. We have the facilities and the community you need to make your idea ready for its public launch.

PARTNERS

CONNECTED DUBLIN OHIO, USA

city of marysville

DriveOhio — Advancing Smart Mobility

UNION COUNTY OHIO — grow with us.

MARYSVILLE UNION COUNTY PORT AUTHORITY

DartPoints

expedient

BETA DISTRICT
Where the future is tested in the Columbus Region