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Louisville Metro Public Works & Assets

Communications Franchise Application

Applicant Information

Applicant Name: OpenFiber Kentucky Company, LLC
(Complete Legal Name as registered with the Kentucky Secretary of State)
Address: 1700 Eastpoint Parkway, Suite 230
City: Louisville State: KY Zip Code: 40223
E-mail Address: OSP.Engineering@openfiberky.com
Phone Number: 502-665-0590 Fax Number: _____

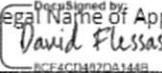
Local Representative Information

Applicant Name: David Holder
Address: 1700 Eastpoint Parkway, Suite 230
City: Louisville State: KY Zip Code: 40223
E-mail Address: David.Holder@openfiberky.com
Phone Number: 502-665-0590 Fax Number: _____
Emergency Contact Information: Rosemary.Watkins@openfiberky.com 248-895-7577

Certification

Applicant agrees to be bound by all provision of the Franchise and agrees to obtain all application permits and authorizations prior to constructing, installing or operating a System in the right-of-way.

Applicant hereby certifies that the information provided by the applicant is true and correct and that the person signing on behalf of the applicant is authorized to do so. Applicant further acknowledges and certifies that it shall be responsible to certify to Louisville Metro any material changes to the information provided in the completed application during the terms of any Franchise.

Complete Legal Name of Applicant: OpenFiber Kentucky Company, LLC
Signature: 
Printed Name: David Flessas
Title: CEO
Date: 02/19/2021





OPENFIBER
KENTUCKY

March 15th, 2021

Louisville & Jefferson County Council:

OpenFiber Kentucky Company, LLC is the exclusive wholesale partner of the Commonwealth's Kentucky Wired project. Our core business is to connect confirmed customers to the Kentucky Wired "middle-mile" statewide fiber optic network. The proposed project detailed in the maps and designs included with this narrative is to provide service to customers in the Eastpoint business park development.

Expanded telecommunications services on a state-of-the-art redundant network are now available in Jefferson County and throughout the Commonwealth.

Description of Offered Services

Ethernet Services: OpenFiber KY offers a variety of Ethernet service types that provide flexibility in constructing the right network topology for any business need. The varying service levels provide bandwidth scalability to meet the needs of even the most demanding applications, as well as network reliability and resiliency to ensure service continuity even during critical network events.

Dedicated Internet Access: OpenFiber KY also offers industry leading, next generation fiber internet access to most locations in the Commonwealth. This service is a guaranteed and dedicated circuit with a 4-hour MTTR. Standard deployment is 10 Gbps capable.

Additional services offered include: E-Line Services, Ethernet Virtual Private LAN Service (E-LAN), Mobile Backhaul Transport, secure and reliable bandwidth, and a variety of other carrier services. E-Rate, Ethernet 100M – 10G, Dedicated Internet Access 100M – 10G

All these services follow industry standard Metro Ethernet Forum (MEF) guidelines for service and reliability. With data centers in Cincinnati/Northern Kentucky and Louisville, we offer diversity and capacity to meet carrier network needs.

OpenFiber KY provides cost effective Ethernet and Dedicated Internet services to the schools and libraries in the Commonwealth of Kentucky. As a certified E-rate provider OpenFiber KY has the experience and technology to meet the growing demand for eligible services under the E-rate program.

The OpenFiber Kentucky local management team has experienced professional leading the permitting and construction efforts. These professionals have years of experience working with the Department of Public Works under encroachment permits for work in the county and city roadways. OpenFiber Kentucky will strictly enforce the allowed working hours, proper pedestrian & traffic safety compliance and accelerated restoration of disturbed areas resulting from the construction activities.

OpenFiber Kentucky is unlike other fiber service providers who typically utilize a comprehensive network design and propose to build network infrastructure in all retail, commercial and industrial areas. We build to suit new customers who are committed to using this advance network's services and minimize the impact to the neighborhoods by effectively managing our construction activities according to the highest industry standards.

Project Description

- Beginning at an existing aerial splice case on the east side of Bellewood Rd. installed to provide service to the Anchorage Elementary School
- Proposed fiber cable will be over-lashed to the existing aerial fiber cable running to the northeast and crossing Ridge Rd.
- New strand and fiber will be attached to existing poles heading to the east on Ridge Rd. from the intersection of Bellewood Rd.

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- The new aerial attachment will continue east on Ridge Rd. and then Avoca Rd for approx. 7,930'
 - The new aerial path will then turn north just after Parker Hollow Dr and cross the CSX tracks.
 - The new aerial path will then continue to the northeast for approx. 2,850' along Old Henry Rd stopping on the south side of the intersection of Stanley Gault Pkwy.
 - From this location directional drilling is proposed to the north along the east side of Stanley Gault Pkwy for approx. 5,115' to La Grange Rd.
 - The underground path will then turn to the northeast and follow La Grange Rd for approx. 1,220'
 - At the intersection with Nelson Miller Pkwy. The underground path turns to the southeast and follows the west side of Nelson Miller Pkwy. For approx. 4,625' to Eastpoint Pkwy.
 - At this intersection, the underground path will turn to head east on Eastpoint Pkwy for 930' and terminates in the ROW in front of 1700 Eastpoint Pkwy.
1. This project includes both aerial and underground infrastructure. The path described above will be a continuous fiber and they will be constructed as one project.
 2. We have applied to LG&E for use of the poles to complete the aerial sections. We do not anticipate any new pole locations will be required. LG&E may determine that a pole replacement may be necessary. In this event the pole to be replaced will be noted on the plans that are submitted to receive the encroachment permit.
 3. Project phases are as follows; 1) perform aerial make ready on poles, 2) begin directional drilling of underground sections, 3) mount new strand to pole route, 4) place continuous fiber in conduit and lash to strand, 5) notify public works department that work and restoration is completed, 6) correct any issues noted in final inspection.
 4. Construction Methods – Aerial work will be performed using bucket trucks or pole climbers where vehicle access is not available. Installation of new strand and fiber lashing will include industry standard materials and approved hardware of the pole owner. Underground work will be performed with directional drills and the use of 2" or 1 ¼" conduits. Bore pits and vault locations will be excavated using mini excavators and hand digging near existing utility lines. All existing utilities in the bore path will be potholed according to state guidelines for directional drilling.
 5. Restoration – a) Sidewalk restoration will occur from seam to seam using matching concrete mix and thickness of adjacent slabs. Soil will be compacted, and crushed stone

base will be placed according to jurisdiction standards. Sidewalks will be restored to meet ADA standards not to exceed 2% slope and ADA ramps will not be altered or used for the placement of vaults. b) Any potholes in roadways will be core drilled, holes will be filled with self-compacting gravel to the base of existing concrete or asphalt. The remaining portion of potholes will be filled with concrete and/or asphalt mix to match existing thickness. c) Bore pits and dirt excavations will be filled and compacted at 6" to 8" lifts. Final grade will match the slope and grade prior to the start of work. All disturbed softscape will be seeded with straw or matting to prevent erosion. Mulched areas will also be restored with new mulch material to match existing cover. d) Vaults will be placed on an 8"-12" compacted gravel base. They will be backfilled on all sides with gravel to be compacted at intervals as fill is applied. In the event of a soft scape placement the gravel will be covered with silt fence material before 4" - 6" of soil is placed for grass seed to take root.

6. Traffic and Pedestrian Safety – Work will be performed in the approved timeframes and the work areas will include all signage and cones as shown in the MOTs included with the permit application package.

The proposed project utilizes existing aerial infrastructure to its fullest extent in Districts 17 & 19. The proposed design includes approximately 11,200' of aerial fiber and 11,900' of underground fiber. The underground sections of this project do not have any above ground utilities or poles that could be used.

Please do not hesitate to contact me for any reason should you need more information or have questions regarding this proposed fiber route.

Sincerely,

John Binkley

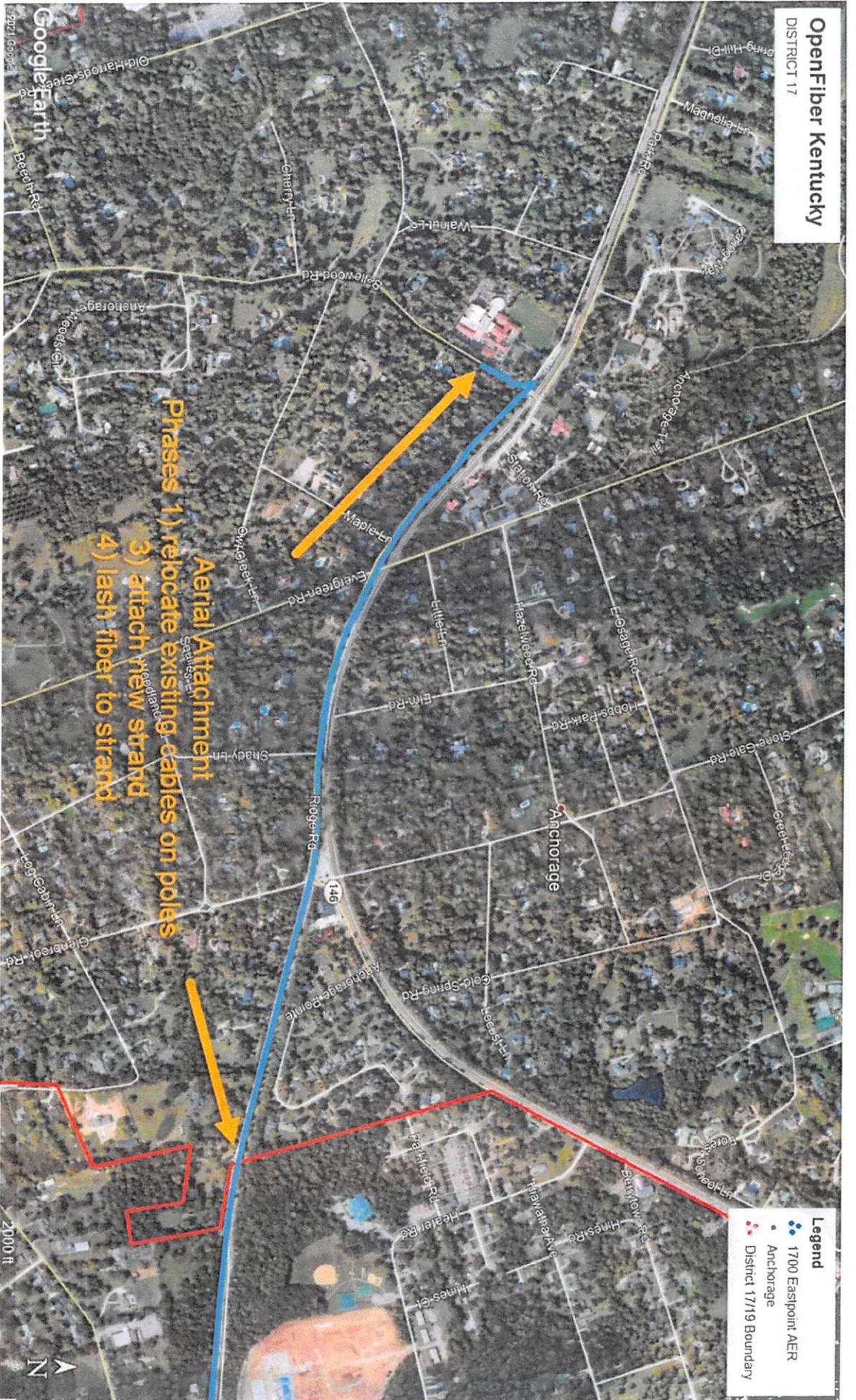
Program Manager



270-977-3660

OpenFiber Kentucky

DISTRICT 17



Google Earth

2000 ft



