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January 19, 2015

Ms. Linda Faulkner  
Filings Division Director  
Kentucky Public Service Commission  
211 Sower Blvd  
P.O. Box 615  
Frankfort, KY 40602-0615

RE: Case No. 2015-0007  
Logan Telephone Cooperative, Inc. Filing Deficiencies

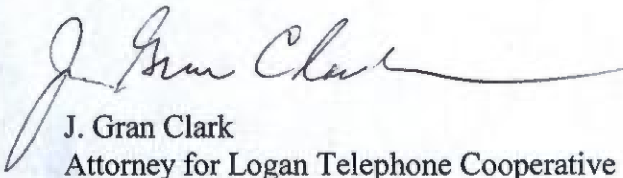
Dear Ms. Faulkner:

In accordance with your letter of January 14, 2015 I am resubmitting the maps, plans and specifications for the CPCN application. This submission should address the deficiencies identified by staff in 807 KAR 5:001 as these documents are now signed, sealed and dated by our engineer registered in Kentucky.

I am including two (2) paper copies of these maps, plans and specifications and one (1) pdf copy on the enclosed compact disk.

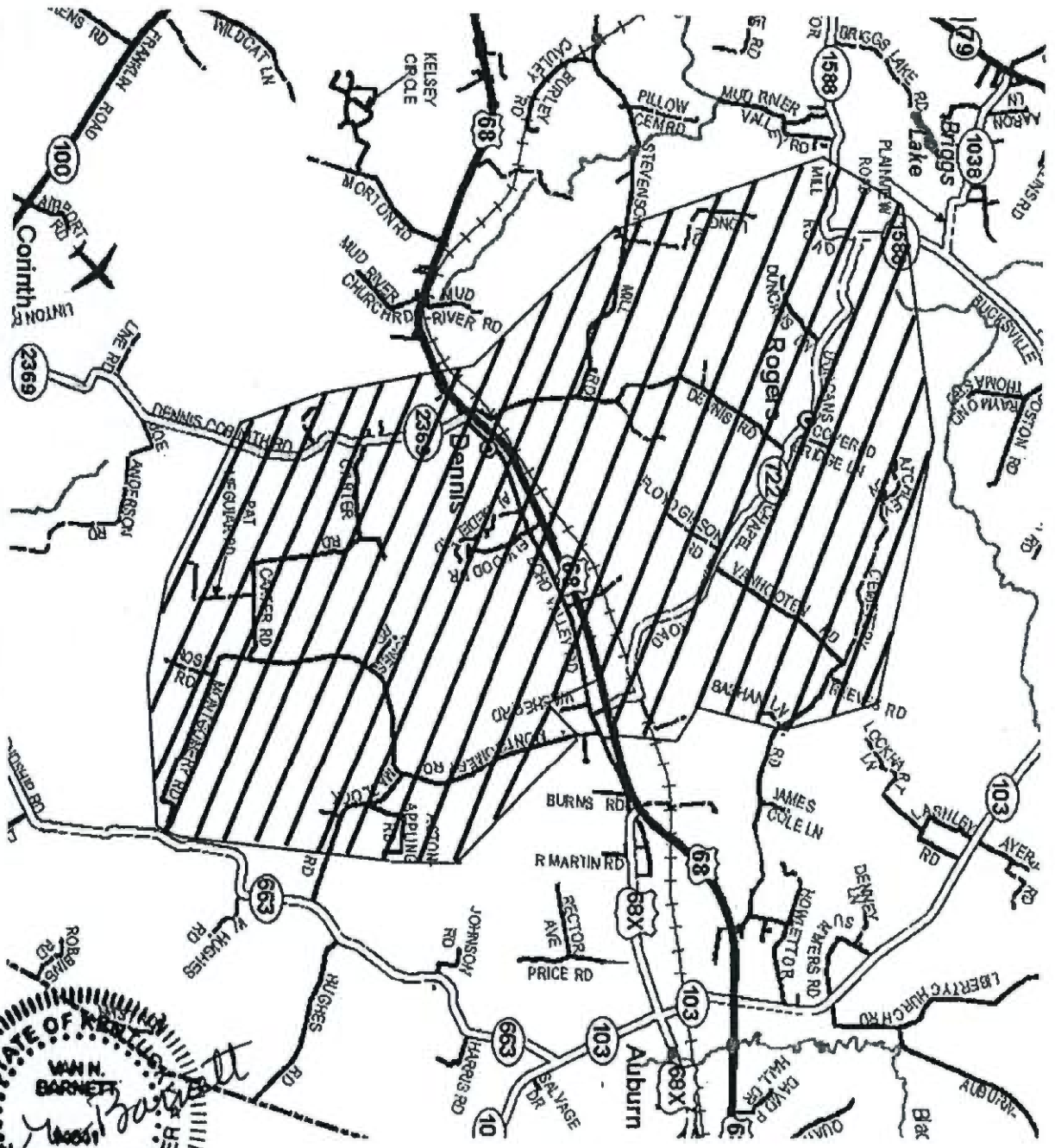
If you have any questions please do not hesitate to contact myself or Logan Telephone's General Manager, Greg Hale.

Respectfully Submitted,

  
J. Gran Clark  
Attorney for Logan Telephone Cooperative

Enclosures: 3





STATE OF WEST VIRGINIA  
 W. H. BARNETT  
 LICENSED PROFESSIONAL ENGINEER  
 1/14/2015

SHEET  
 2 OF 2  
 10L-T-14018

GPCN APPLICATION  
 AUBURN WEST OVERVIEW

**FINLEY**  
 ENGINEERING  
 1000 10TH STREET, SUITE 100  
 MARTINSBURG, WV 26151  
 WWW.FINLEY.COM

**LOGAN**  
 TELEPHONE COOPERATIVE

**Logan Telephone Cooperative**  
**2015 Auburn West Plans and Specs**

Logan Telephone Cooperative (Logan) plans to construct Fiber-To-The-Premise (FTTP) facilities to 455 premises in the Western portion of the Auburn exchange of Logan County. Plans are to deploy this active FTTP system to increase the broadband speeds available to customers. This construction will afford this portion of Logan County with State of the Art broadband facilities.

The only other communications provider in this area is Sudden Link Cable TV. Sudden Link has limited fiber-optic facilities and coaxial cable facilities in small portions of the area.

Logan's fiber optic cable will be placed between our Auburn Central Office and each Inhabitable residential premise and each business premise on the proposed routes. This cable will be direct buried at a depth of 30 inches. The interface between the buried main line cable and the subscriber cable will be either in a below ground level handhole or an above ground pedestal.

In addition to the fiber-optic cable facilities, Logan will place electronic equipment in the Auburn Central Office to transport the optical signal from the central office to each premise. Calix will be the primary manufacturer for this equipment. This optical signal will be converted at the customer's premise to an electrical signal in Internet Protocol (IP) format for service to the customer's computer or network device.

Construction will be performed under Rural Utilities Service (RUS) specifications for direct buried plant and for customer premise cable. Construction is expected to start in March and complete by November 25, 2015. All required highway permits will be obtained prior to construction start. The majority of this construction will be on private right-of-way.

