



County of Los Alamos

Council Meeting Staff Report

March 20, 2018

Agenda No.:	A.
Indexes (Council Goals):	2018 Council Goal – Quality Governance – Operational Excellence – Maintain Quality Essential Services and Supporting Infrastructure Including Updated Enterprise Software and Permitting
Presenters:	Joanie Ahlers
Legislative File:	RE0364-18

Title

Incorporated County of Los Alamos Resolution No. 18-05. a Resolution for Support of Fiber Connection Line Through National Forest Property

Recommended Action

I move that Council adopt Incorporated County of Los Alamos Resolution No. 18-05, A RESOLUTION URGING THE UNITED STATES FOREST SERVICE TO CONDUCT AN ENVIRONMENTAL STUDY AND GRANT CENTURYLINK A PERMIT TO BEGIN CONSTRUCTION OF AN ALTERNATIVE FIBER-OPTIC PATH FOR THE BENEFIT OF THE INCORPORATED COUNTY OF LOS ALAMOS, ITS RESIDENTS, AND THE LOS ALAMOS NATIONAL LABORATORY.

County Manager's Recommendation

The County Manager recommends that Council adopt Incorporated County of Los Alamos Resolution No. 18-05.

Body

CenturyLink (CTL) is a telecommunications company, headquartered in Monroe, Louisiana, that provides communications and data services to residential, business, governmental, and wholesale customers in 37 states. CenturyLink has a strong presence in Los Alamos and provides telecommunication services to both Los Alamos County and its residents and LANL. Mr. Leo Baca, Manager of Government Affairs for CTL, approached County staff to ascertain if the County Council would be willing to approve a Resolution urging the swift approval from National Forest Service for a secondary (or redundant) fiber line to be run from Santa Fe County through Los Alamos County to LANL. The new line will need to be installed on Forest Service land and LANL property both within LAC boundaries. The primary purpose of the fiber line is to service LANL and provide a redundant connection that will eliminate the risk of a complete service outage for LANL and Los Alamos County. It is important to note that currently with only one pathway in place if there is a main fiber break that ALL communications will go down county-wide including but not limited to; phone/voice, internet, wireless data even through Verizon which leases bandwidth from CTL. Additionally, Los Alamos County internet relies on CenturyLink (RediNet is our backup provider) so a redundant pathway will benefit County operations as well.

The benefits to Los Alamos County residents of having the alternative fiber path in place are as follows:

Diversity - allows fiber to switch to an alternate path in the event of a fiber outage, eliminating an out of service situation for the entire area.

Redundancy - having two independent means of connecting outside the Los Alamos/White Rock area improves network reliability and will provide enhanced service protection.

Los Alamos County will be able to attract and retain technology based businesses as anchor tenants in the County that require redundancy in their services prior to locating to an area.

Will provide increased security and reliability to Los Alamos National Labs per their requirements and request to CenturyLink (supporting LANL).

Fiscal and Staff Impact/Unplanned Item

There will be no fiscal impact to Los Alamos County

Attachments

A - Resolution 18-05

B - Notice of Publication Res No 18-05