



## City of Homer

[www.cityofhomer-ak.gov](http://www.cityofhomer-ak.gov)

Homer Public Library

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### Memorandum 21-181

TO: Homer City Council

THROUGH: Robert Dumouchel, City Manager

FROM: David Berry, Library Director

DATE: October 11, 2021

SUBJECT: Microwave WAN Network

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Ordinance 18-44(A) appropriated \$130,000 for upgrading the City's Microwave Wide-Area Network (WAN), which carries official data traffic between City buildings. The project was put on hold pending the completion of the new police station, then put on hold again by Resolution 20-050, and delayed further by the exigencies of COVID-19.

Preliminary work has begun, including mapping existing and potential infrastructure sites and modelling path loss (that is, the predicting the signal strength over distance). All regulatory requirements have been identified. Going forward, the IT division anticipates soliciting bids during the winter of 2021-22 and hopefully beginning construction in summer 2022.

#### **RECOMMENDATION**

Extend the original appropriation through Dec. 31, 2023.