
Feasibility Studies for Broadband

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April 19, 2017

Finley Engineering Company

Engineering for 64 years – nationwide

Engineering fiber projects for over 35 years

Assisted with and/or completed 19 MN
broadband grant applications over 3 years



Feasibility Study - Approach

Important to Study Multiple Options



Design Options

Budget Options

Funding Options

Feasibility Study - Approach

First Steps



High Level Data Gathering:

Owner Requirements – area to cover

Talk with Providers (current providers and possible future providers)

Feasibility Study - Approach

Design

Data gathering

Subscriber Locations and Counts

High-Level Design and Extrapolation

- Options



Feasibility Study - Approach

Opinion of Costs

Database of Current Costs and Technologies

From live projects

From research with contractors/vendors

From conferences/shows



Feasibility Study - Approach

Financial Analysis

Opinion of costs are incorporated into an overall financial/feasibility analysis

Various funding options are evaluated

Measures of feasibility



Next Steps

Find a Workable Solution

Study is reviewed with owner

Take study to potential providers

Find a workable solution and provider



Live Example

Nobles County MN

1. Finley completed a study for the county
2. County shared the study with many potential providers
3. Local telephone cooperative accepted the opportunity
4. They had Finley Engineering complete a MN grant application
5. The MN grant was awarded to the telephone cooperative
6. Finley is now engineering and managing the project

