

Applicant Design Statement

Company Name: Farmers Cooperative Telephone Company

Application Name: Dysart Rural Fiber Project

As designed, Active Ethernet and XGSPON based FTTP systems will be deployed to serve all Broadband Units within the proposed funded area. Additionally, the system uplinks and middle mile transport will be monitored and upgraded as necessary to facilitate simultaneous 100/100 Broadband.

July 23, 2021
(Date)

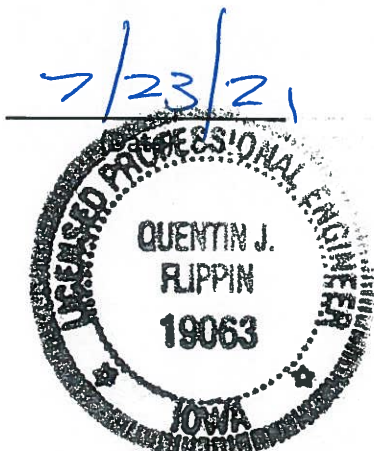
Shelly Franzenburg
Applicant Signature

SHELLY FRANZENBURG
Name (Printed)

General Manager
Title

Professional Engineer Certification

We the undersigned, certify that the proposed broadband system, if implemented according to the design in the application, will be capable of simultaneously facilitating 100/100 Mbps broadband services to the Total Broadband Units within the last-mile portion of the network as represented in the applicant's proposed project.



[Signature]

(Certifying Engineer's Signature)

Quentin J. Flippin

Name (Printed)

PE, Director of Engineering

Title

Registration Number: 19063

State of Registration: Iowa