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To: Signal Booster (BDA) Grant Applicants
From: ECN Grants Staff
Date: February 28, 2017
Subject: Signal Booster (BDA) Requirements

The Minnesota Department of Transportation (MNDOT) and the Federal Communications Commission (FCC) have established the following requirements as they relate to Signal Boosters, often known as BDAs (Bidirectional Amplifiers).

The FCC requires that consent be obtained from the license holder of any frequency to be rebroadcast through a Signal Booster. In the case of ARMER, the frequencies are licensed by MNDOT.

MNDOT requires that it be notified of every (indoor and outdoor) ARMER frequency Signal Booster installation. MNDOT also requires that each outdoor Signal Booster be reviewed by the Operations and Technical Committee (OTC) of the Statewide Emergency Communications Board (SECB). Notice to MNDOT can be made by email to:

David Savolainen
david.savolainen@state.mn.us
651-234-7972

The FCC requires that all Part 90 Class B Signal Boosters (>75 kHz bandwidth) be registered with the FCC. MNDOT further requires that all Part 90 Class A Signal Boosters (<75 kHz bandwidth) rebroadcasting ARMER frequencies be registered with the FCC.

Registering a Signal Booster with the FCC can be accomplished at no cost online at <https://signalboosters.fcc.gov/signal-boosters/>. Required data will include:

- Location of Signal Booster (address and latitude & longitude)
- FCC Call Signs for the frequencies to be rebroadcast (provided by MNDOT)
- Frequencies Impacted
- Contact Information

Please ensure that your staff and/or your contractors follow these procedures. Please contact the ECN or MNDOT if you have any questions.

Thank you.