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MAR 23 2016

**RAPID CITY COMMUNITY PLANNING  
& DEVELOPMENT SERVICES**

## Letter of Intent

ViaSat Proposed Satellite Antenna Gateway  
Conditional Use Permit Application

### PROJECT BACKGROUND

ViaSat proposes to lease the parcel at 1401 Concourse Drive for the installation of a satellite antenna facility, known as a gateway. The proposed installation will augment an existing ViaSat gateway that operates in Summerset, SD. Once the new gateway is operational, existing customers may be migrated to the new gateway, enhancing their speeds and reducing data congestion. In this regard, this is similar to the migration of cellular customers from the 3G networks to the 4G networks that are prevalent today.

### PROPOSED INSTALLATION

The proposed gateway compound is 25 ft x 40 ft (not including the driveway or parking spaces). Access to the compound will be through a hard paved driveway. The site will include ADA compliant parking, adequate turnaround space, and landscaping in the form of trees and shrubs. The major components within the gateway compound are:

- 1X 4.1 meter satellite antenna on a 36 inch riser – Peak height is 19 ft – 5 in
- 1X Outdoor equipment cabinet (no shelter)
- 1X Emergency backup diesel generator
- 1X Security pole with camera and LED light (light is only operational during service technician visits to the site – Normally off)
- 1X Utility frame
- Site Fencing and 4 ft wide access gate – No vehicle gate

Below is an photograph of a gateway compound at ViaSat's manufacturing and test facility with the 4.1 meter antenna and outdoor equipment cabinet – *Note that the antenna in Rapid City will sit 36 inches higher than shown because of the low look angle to the satellite. Peak height is 19 ft -5 in.*