

Front Gate Update

August, 2021

There were many improvements this past three months, related to our front gate:

- New underground conduit between shed and gate control tower was installed and the old exposed blue conduit removed. Inside, there is wiring to support both the old landline phone communication and new internet based VoIP communication.
- New overhead street lamp was installed. Design improvements over previous lamp include a solar cell panel facing south to receive uninterrupted light all year. Snow will not be able to accumulate and block sunlight. Also, the lighting is currently set to last for 5 hours after dusk, but can be adjusted to last 8 hours if needed. Limiting hours of operation will extend battery life.
- Both entry and exit gate antennas are now properly mounted.
- Entry gate receptive field for handheld openers is now 3X larger than it was last year. Entry gate opens for me when standing next to highway 67.
- Cause for phone directory hum and intermittent performance was due to broken copper wires in old phone line that were making intermittent contact. This was replaced with new phone wire in new conduit.
- Electrical wiring is fully set up inside shed to support transition to internet/VoIP communication.
- Installed missing glass at entry gate tower.
- Adjusted both gate drive arms so that they will fully close and always make contact with magnetic plates.
- Located cause for power loss to a photo cell box. Easy fix.

The remaining task is to schedule WizardWorks to return and ...

- Complete the transition to internet/VoIP.
- Get entry gate to automatically open when power is down.
- Get last photo cell wired up and operating.
- Install KnoxBox key based entry for Divide Fire Department (new task)

Mark Jurik, chair
Access & Safety Committee