

Hines Hill Railroad Crossing Camera & Preemptive Signage Project Preliminary Cost Estimates

Revised May 2019

Estimated VBB Infrastructure Construction Costs:

1. Fiber Optic Purchase Cable (6700 ft.) -----\$10,100 / 3 - \$3,366
2. Aerial Installation from Splice Closure at Hines Hill to Walters Road--- \$20,000 / 3 - \$6,666
3. Splicing-----\$3,800 / 3 - \$1,266
4. Splice enclosure at Walters Road-----\$500 / 3 - \$167

Total Project----- *\$11,465

(*Without cost share – \$33,950)

Note: Estimated costs have been divided between three areas of operation that will benefit from the infrastructure installation.

- Hudson Public Power for future fiber needs in this area for Hines Hill Substation and future service connections.
- Velocity Broadband for future needs at YDC property and points further west.
- The Railroad Crossing Camera and Preemptive Signage Project (The Project).

Estimated Equipment, Services and Software:

1. LED Message Sign-----\$6,500
2. Sign Solar Power Package-----\$1,500
3. Camera Package at Crossing-----\$900
4. Network Hardware-----\$1,000

Total-----\$9,900

Total Project with Cost Share - \$21,365

Total Project without cost share - \$43,850

Note: Pulled from original estimates:

1. Electric infrastructure - \$15,000
2. Cellular/Cloud based Access-\$5,000