

Grundy Road Improvement Project Informational Public Meeting

May 22, 2019
Dike Community Hall



What is the “Project”?

- Improve Grundy Road from Highway 20 to Zaneta Road to a hard surfaced pavement.
- Grundy Road is a County Line Road, shared equally between Black Hawk and Grundy Counties.
- This project is in both counties 5-yr Construction program for grading in FY21 and paving in FY22.



Why is the Project Needed?

- Busy Road-360 vehicles per day (vpd) in first mile (DOT average annual traffic count).
- 270 vpd in the next mile and the furthest south mile carries 120 vpd.
- Heavy agricultural usage by residents on the road as well as nearby farms, causing road to push out or become wider; we are not narrowing culverts.
- Increasing costs for BHCo to maintain.



Why Does Black Hawk County Do All the Maintenance on the Road?

- Per 2003 28E Agreement, a legally binding document, Black Hawk County is to maintain the portion from US 20 to ½ mile north of Griffith Rd, overflow bridge of Black Hawk Creek.
- Routine maintenance activities such as grading, cutting brush, plowing snow, replacing signs are all done by the county assigned.
- Permanent and new construction costs are shared equally by the two counties as set forth in the agreement.

Recent Costs to Maintain

- The past 3-5 years Black Hawk County has been placing 500 tons/per mile of rock, and re-rocking Grundy Road every year.
- Normal maintenance is 300 tons/per mile every 3 years.
- Costs have increased in last 3 years. Only ½-way through 2019, needs to be re-rocked now.

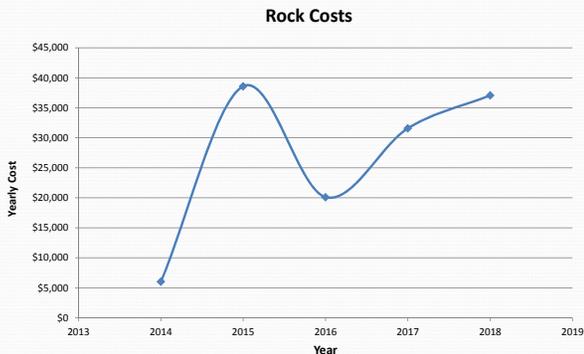


Spring 2019 Costs



- From March 19 to April 16, 2019 Black Hawk County placed 802.1 tons of rock on our portion of Grundy Rd.
- Cost of \$10,794.79
- This was rock cost and contract truck drivers, does not include our motor grader operators' labor hours.

Costs for Rock on Grundy Road 2014-2019



Current Status

- Large number of calls this winter about the snow and blowing snow on Grundy Rd.
- Large number of calls this spring about numerous frost boils, and the road being impassable.

Project Details

- The existing gravel portion of the roadway is 24-ft to 28-ft in width
- Proposed Roadway Cross Section
 - 24-ft wide Asphalt Pavement
 - 6-ft wide gravel shoulder on both sides
 - Ditch slopes will be flattened to improve safety
 - Several areas will be excavated and replaced with larger rock and reinforcing fabrics to repair soft soil issues
 - Roadway and driveway culverts will be replaced

Utilities

- Nearly the entire corridor length has utility poles that will have to be moved back, once we have acquired new right-of-way.
- Utility relocations are anticipated to start the summer of 2020



Right-of-Way

- Black Hawk and Grundy County will have to acquire additional right-of-way length of the project.
- Current right-of-way is approximately 66-ft wide
 - Some areas around intersections and culverts may be wider
- It is anticipated that an additional 10-ft to 25-ft permanent right-of-way is needed on each side
- We will be contacting individual property owners later this year regarding the right-of-way needed at their property

Timeline

- Currently working on design
- Summer\winter 2019 - Right-of-way acquisitions
- Spring 2020 - Continue design & finalize
- Summer 2020 - Utility relocations (utility poles, telephone, fiber, etc.)
- December 2020 - Anticipated letting for grading project
- Spring/summer 2021 - Begin grading project, completion in 6-8 months
- December 2021 - Anticipated letting for paving project
- Summer 2022 - Begin paving project, completion in 3-4 months.

Costs for the Improvement

- To date a preliminary estimate has been completed
- Right of Way costs estimated at \$300,000
- Grading project costs estimated at \$4 Million
- Paving project costs estimated at \$4 Million

- Black Hawk County is anticipating bonding for \$4M.
- Grundy County is anticipating bonding for \$4M.

Project Public Comments

- Complete the Public Comment handout return to the Black Hawk County Engineer's Office
- Email your comments to engineer@co.black-hawk.is.us
- Complete an online public comment form at:
 - www.co.black-hawk.ia.us/758/Five-Year-Construction-Program



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Questions?