

Town of Castle Valley
Road Department
Quarterly Report Q1 2023

Dorje Honer
April 11, 2023

ROAD MAINTENANCE

- 3 potholes on Castle Valley Drive Filled (2 around the mailbox area, and a permanent fix for the pothole in front of the town lot.)
 - Damage on the side of the road will be worked on as well, however some sections need ditch maintenance and the repair will occur after the ditch maintenance (To allow for repairs of any damage that occurs during the ditch maintenance).
- Snow plowing performed on various roads as needed.
- Grading has begun and will continue until conditions are unfavorable, with potential exceptions (see below).
 - Priorities will be the areas worst affected by mud and rutting and general surface/ditch degradation. Currently we are trying to cover some of the roads that will dry out the quickest and may not workable without water use soon. (starting from the Northwest of the valley). If time allows we will go over any other roads that may need to be resurfaced. We will also be working on improving drainage on all roads as time/weather permits.
 - Planned (in rough order):
 - W. Pope, Keogh, E. Miller, E. Shafer, E. Buchanan, Upper 80, W. Holyoak, W. Lazarus, W. Bailey, W. Pace, W. Rimshadow, Taylor, W. Miller, W. Shafer, Meadow, Cliffview.
 - In-Progress:
 - W. Buchanan, E. Pope
 - Completed:
 - Firecliff*, Rimrock, Castle Creek*, Homestead, Amber, E. & W. Chamisa, E. Rimshadow, E. Lazarus, E. Bailey, E. Pace, E. Holyoak.
- 2 Culverts on crossing Castle Valley drive were cleared. (Miller and Pope). Will also be working to keep the rest of the culverts clean in preparation for the spring runoff.
 - Other clogged culvert entrances and exits cleared, some may require follow up clearing.

PROJECTS

- US Army Corp of Engineers documentation finalized and submitted.
- Minor pavement fixes on Castle Valley Drive to the worst spots are planned shortly.
 - This will be the worst potholes and areas where the edge has deteriorated as material allows.

MATERIALS

- Some material will be spread during grading to improve muddy areas.
 - Materials applied to (in loads, ~ 5 Tons Each, lanes without numbers are single loads):
 - Castle Creek, Firecliff, Homestead (2), W. Chamisa, E. Rimshadow, E. Lazarus, E. Bailey, E. Holyoak, E. Pope (2).
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- Some cold patch is planned on being purchased and applied to the worst spots.
- Large material in the easement is planned to be recovered for large washout incidents.

REQUISITIONS

- Steel angle iron for Grizzly (on order)

ACQUISITIONS

- Yearly allotment of materials (~150 Tons road base, ~90 Tons Gravel, ~60 Tons Rip-Rap)
- Lockout/Tagout
- Oil Catchment System.
- 55 gallon drum of 15W-40 (Diesel Engine Oil)
- Steel Rails for the Grizzly.
- 55 gallon drum of Hydraulic Oil
- Work/equipment lights.
- Portable bandsaw and other metal cutting supplies.
- Welding helmet.
- Cargo Straps.
- Fluid pumps

- Retractable air line.
- High Speed Steel drill bits
- Other assorted tools.

EQUIPMENT

- Backhoe
 - Honnen was contacted and came out to check brakes.
 - Brakes were deemed good, however they still feel weird, we will use extra caution during use.
 - Fuel Gauge circuit failure fixed.
 - Operational, extra caution used. (Brakes)
- Ford Dump Truck
 - Hydraulic pump disconnected to avoid damage. (may be too late, investigating)
 - Due to this it is inoperable as a dump truck/plow.
 - Other systems are functional, set as dedicated water truck.
 - Operational.
- Loader
 - Seal replacement work In Progress.
 - Non-Operable (Under Repair)
- Grader
 - Grader tire issues resolved, drive tires are all new.
 - Electrical system fixes are in progress (Lighting, instruments)
 - Scarifier repair planned. (Lower Priority)
 - Link bar repair planned. Tool design completed, manufacturing in progress.
 - Operational.
- Grizzly Rock Separator
 - Temporary mesh fix failed.
 - Redesign completed
 - Rails installed.
 - Fully Functional.

FACILITIES

- Shop redesign completed.
- Organization in progress.

TRAINING

- LTAP Building 2023 Attended.
 - Topics covered:
 - Dust Mitigation, Snowplow Operations, Pavement Assessment and Preservation, Project Funding, Trench shoring and Safety, FirstNet & leasing equipment to save money, and a Road Dept. Head Roundtable.

BUDGET

- We are currently within our budget for the year.

INCIDENTS & ACCIDENTS

- Nothing to report at this time.

WORK SCHEDULE

- The road crew works a flexible schedule (usually Mondays & Tuesdays) based upon: resources available, prioritization of work, weather conditions, and the private schedule of its employees. The road crew currently does not work on Sundays except for emergencies.