

Road Committee Report

10/12/2020 thru 11/13/2020

Road Work Completed

Worked Saddle Bag Trail from Thompson Trail to High Lonesome

- Placed 2 loads of rock and fire ash to build up road pitch
- Backhoe excavation to improve trench capacity
- Placed reclaimed sand and gravels to cover rock fill
- Placed 4 loads of caliche road mix to build the crown

Culvert repair at 204 Tomahawk Trail

- Excavated exposed hole on top of culvert and secured a section of new culvert to cover

Worked narrow curve at 109 Whiskey Run

- Backhoe excavation into hill side to widen curve and remove large rocks

Repairs to High Meadow Trail

- Shuttle materials to fill in ruts and washouts as needed from 106 to 200

Worked the Main Road from Tomahawk to Wofford's

- Applied water to blade and crush windrow materials, Spread gravels and blended 4 loads of caliche and clay mix. Set crown with water and compacted with equipment. Good results on the sections where caliche was added. Will continue to add additional loads to bind loose crushed gravels.

Equipment Repairs & Maintenance

580K Backhoe

- The flex plate was replaced on the torque converter. Parts were cleaned and inspected. Replaced worn battery cable to starter, Changed hydraulic pump filter, added fluid.
- Welded fatigue cracks on tooth shanks and front bucket. Need to add steel plates to rebuild underside of front bucket. Loader control valves are sticking. Need to rebuild soon.

410G Backhoe

- Fabricated a hydraulic pressure test tool to check the relief valve pressure at the auxiliary control valve. The test results were 1700 PSI at 2000 RPM. Relief valve adjustment screw is non functional. Ordered new pressure relief valve and installed. Test results were 3200 PSI. Set pressure to 2500 PSI at 1800 RPM for the hammer requirements. The hydraulic hammer is now operational.

Rock Crusher

- Removed worn inner shield plates with plasma cutter and machined new shield plates to rebuild the underside of crusher housing. Re-assembled rotary drum to housing, Cleaned and inspected bearings and end caps. Installed new bearing locknuts, retaining washers and seals. Tapped threads to clean, repaired galled threads on bearing spindles and replaced worn hardware as needed. Fabricated a spanner socket tool to tighten lock nuts. Fastened all bolts to proper torque specifications. Added gear oil to transmission gear box and greased PTO shaft.

JD 7420 Tractor

- Serviced cab air filters, checked fluids, attached rock crusher for test run. The crusher is in operation.

Mack Truck

- Charged batteries after late October freeze. Low voltage on two of the three batteries.
- Batteries are over five years old. New ones are needed soon as these continue to fail.

Dozer is in the shop for service. Access plates removed and pressure washed. Needs water pump repairs.

Road Material Processing

- Excavated and processed 60 cubic yards of sand and gravel from 601 Tomahawk
- Excavated and processed 100 cubic yards of clay from 101 Limpia Canyon Tail
- Purchased 200 cubic yards of caliche for road mix and blending with crushed materials

Additional Information

- Pushed up brush pile as needed
- Changed the oil in the drafting pump
- Replaced water valve to stock tank at High Meadow well
- Surveyed request at 102 Low Meadow Point to add the turn-around as plated on the map
- Serviced the community center's septic tank. Disposable disinfecting wipes clogged the inlet to the tank. Please do not flush any non digestible products down the toilets.

Sincerely Submitted, The Road Committee and Crew