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Weekly Report to Commissioners

Community Concerns

Culvert Installation/Replacement Requests:

- 150 Road North of Timber at the entrance of residence 723; a collection basin and a culvert are needed between two driveways to correct a drainage problem that has been scouring the driveway and the edge of the road for many years. *One Call utility locate is being performed and materials are ordered.*
- Rock Road between 290 and 300 Roads; construct a dry plug (ramp from road to a field where a culvert is not required) on the North side, and on Rock Road between 300 and 310 Roads install a culvert (18x30) on the North side for field access. *Completed*
- Elm Road ¼ mile east of 180 Road, resident expressed concerns about a culvert under the road
 - *Investigated and some signs of erosion were observed that could be mitigated with rip rap*
- Hickory Road 1/10 mile east of 70 Road. The bottom of culvert has rotted out and erosion from storm drainage has scoured out a cavity that the road surface collapsed into. *Completed*
- 240 Road, 1 ¼ mile south of Jade Road. Field access culvert requested.
 - Investigating

Other Drainage Issues:

- 110 Road and Birch needs ditch cleaning on the North side of 110 near the intersection, and possibly several culverts replaced with larger culverts.
 - Investigating
- 180 Road immediately south of Bridge 180-S.0 on the west side. Ditches have filled allowing storm drainage to run into a field, eroding the edge of a field and undermining a fence.
 - Investigating

Bridge Concerns:

- 130 Road 1/10-mile North of Elm Road. Erosion has undermined a bridge abutment and some repairs are necessary before it can be backfilled. *This will be moved to the "pending actions" list next week*

Road Surface Concerns:

- 20 Road to residence at 630 needs gravel and mowing. *Completed*

Other Concerns:

- Several residents of Scandia are requesting that the County upgrade Oak Road between 90 and 100 roads to gravel.
 - This is being investigated.

Department Reports on Non-Routine Activities

Roads and Bridges

- Pothole repair was completed on Fir & 10 road. Equipment was remobilized to 50 Road South of Kackley; half of those 3 miles to the Cloud County Line have been patched.
- An Employee tested positive for COVID on the 19th. Due to their proximity to other employees during a very labor-intensive project on the 18th, 15 Department staff were identified as having the potential of contracting the Virus. 3 of the 15 on the contact list had been vaccinated and are continuing to work; all are encouraged to test for Covid on the 25th of August whether they have experienced symptoms or not.
- A fairly high degree of precision is being obtained from the mulching head on the new excavator. Finding telephone pedestals in the middle of overgrown right of ways is not uncommon.
- PENDING ACTIONS IN RESPONSE TO COMMUNITY CONCERNS (in order of priority)



1. 150 Road, 30 feet South of Ash, a Road culvert replacement is needed.
2. Marble Road, 50 yards east of 230, a Road culvert replacement is needed.
3. Rock Road, ¼ mile west of 290 Road. A wood box culvert needs to be replaced (needs to be scheduled after October, when Cattle are moved to another pasture)
4. Rock Road, 3/8 mile west of 290 Road needs a field access culvert replaced. *Completed*
5. Corner post for fence damaged by grader needs replaced.
6. Oak Road between 50 and 60 Roads, (2) 40 ft each farm access culverts needed, replacing 20's
7. Clay Culvert under Fir Road between 230 & 240 Roads is broken and part of the road surface has fallen into it. It has been filled with sand but needs to be replaced. This runs parallel to an old railroad crossing northeast of Munden.
8. Granite Road, between 70 & 80 Roads; Ditch Cleaning. Scoping encountered greater watershed impacts than anticipated, **Landowners prefer to wait until after harvest.**
9. 150 Road, North of Marble Road needs to be built up over the first culvert. (*Collector Road; water flows over the road*).
10. Queen Road, ¼ mile West of 210 Road, farm access culvert installation needed.
11. Bridge 20-D.4 on 200 Road south of Diamond Road. Recent flooding has scoured the soil from under the southern abutment creating a sinkhole in the approach to the bridge that is growing. This bridge is now

closed to traffic. *Sheet piles will be installed behind the concrete abutment that will hold material needed to restore the approach and open the bridge again.*

12. Bridge 21-0.7 on 210 Road south of Highway 36 will be replaced with a railcar tanker that has been recycled into a 9.5 ft steel tube. This is a cost-effective solution and there are incentives for reducing our bridge inventory. *The tube will be received on the 31st of August. Demo of the existing bridge will begin late this week.*
13. Bridge 4-F.4 on 40 Road south of Fir Road has had 4 guardrail supports broken from weld plates in the prestressed concrete tee girders. This appears to have occurred when an implement impacted the top of the guard rail. The damage is fairly significant and difficult to repair. *An Engineer is being engaged to evaluate possible solutions.*
14. Republic County Historical Museum drainage swale and small diameter culvert will be installed between parking lot and driveway to outdoor exhibits.
15. Republic County Historical Museum 6.5 x 9 ft x 6" slab of concrete (5,000 lbs.) will be relocated from a fuel station on the property to the site of a historic jail cage, leveled and cage lowered on top of it.
16. Diamond Road near Farm Residence 175, restore collection pit at the outfall of a culvert under the road. This will allow storm drainage to follow a channel adjacent to the County Right-of-way instead of through irrigated farmland. *This project has been scoped for completion after harvest this year. We will collaborate with the farmer to determine the best location for borrow and spoils and let him recover topsoil if he has the resources.*
17. 40 Road ½ mile south of Fir, a watershed is growing out of our right-of-way.
 - a. *A retention pond will be constructed within the right of way on the east side of 40 Road north of the box culvert with an overflow descending to riprap in the creek bottom about 18 feet below. This large project will be performed next year.*
18. Rock Road between 10 & 20 Roads, a right-of way that has been farmed in the past is filled with soil and allowing irrigation water to flood the road surface. Storm drainage also crosses the road at this location. *Ditch cleaning will be performed, a culvert will be replaced, in addition to a road lift. This project will need to wait until after irrigation season is over.*
19. 220 Road, between Marble and Nickle Roads, pavement cut needed to excavate and replace culvert, then patch and repair pavement. *(Culvert beneath blacktop collapsing).*
20. Cut and patch 4-6 ft of Concrete at 170 Road near residence 1549 *(Primary Road; Currently 23x23 & 10x23 inch potholes where previous asphalt patch has failed however potholes are shallow and should be scheduled with other pothole repairs).*
21. Fir Road, east of Residence at 2641, Ditch work needed to re-route drainage out of field and a damaged culvert replaced.
22. King Road, East of bridge K-7.2, Ditch Cleaning needed, *(Service Road).*
23. Marsh Trail and 20 Road South, ditch cleaning. **Some immediate concerns have been addressed; the larger part of this project will be completed this fall.** *(Collector Road; Needed after fire response filled shallow ditches with debris).*

Fuel Center

- The new Kiosk system that manages fuel dispensing has been purchased. Installation will likely occur in 2 weeks.

Upcoming Events

- The Courtland to Highway 148 Overlay Project is waiting for a schedule from the Contractor.
 - A Change Order is being prepared for the additional milling and overlay work that the City of Courtland has requested.
 - The Engineer has noted that a substantial pothole south of the railway crossing needs to be properly excavated, filled, compacted, and patched before the overlay work can begin. The County and the City will work together on this.
 - The Highway Administrator has communicated with the Railways in the area and although we do not have a schedule for construction yet, we do have a commitment from the Railways to increase communication about train schedules during the period of construction that should aid in public notifications and flagging.
- The Construction of Off System Bridge K-7.2 is waiting for a schedule from the Contractor.
- A Tour of County Roads & Bridges will be conducted for the Commissioners on August 30 at 1 pm. It is expected to take about 3 hours.