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Weekly Report to Commissioners

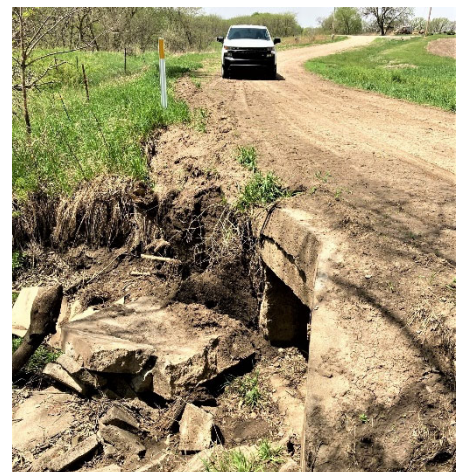
Community Concerns

Culvert Installation/Replacement Requests:

- 80 Road, 50ft north of Timber Road; a culvert under the road washed out on the east side. Repair and/or replacement is required. *Completed with a culvert extension, earth fill and concrete rip rap.*
- A farmer is requesting field access improvements.
 - A quarter section southeast of Jade and 150 Roads has had field access challenges after ditch cleaning. A 40ft dry plug can be installed approximately .45 mile east of 150 Road on the south side of Jade Road; and another 40ft dry plug can be installed on the east side of 150 Road, approximately .3 miles south of Jade Road. *Investigating*
 - Two existing field access driveways need to be widened on the north side of Hickory Road, .5 mile, and .2 mile west of 150 Road. *Investigating*
- 60 Road, .25 mile south of US36 Highway on the west side; 18"x 30ft culvert requested for field access improvements. *Completed*
- Diamond Road, ¼ mile east of 160 Road on the north side; a 20ft field access driveway needs to be upgraded to 18" x 40ft.
- 20 Road .25 mile north of Nickel Road, east side; a field access culvert needs cleared or replaced. *Investigating*
- 20 Road .75 mile north of Diamond Road, west side; a 24" field access culvert needs cleared or replaced. Ditch cleaning is also needed. *Investigating*

Other Concerns:

- A box culvert has been reported as damaged on Diamond Road east of residence 1926. *A vehicle plowing a muddy road collapsed the wingwall of an old concrete box drainage structure but was prevented from going into the creek by a tree stump. The condition of the structure warrants replacement instead of repair. It will be replaced with a culvert. This will be moved to the pending project list next week.* A road lift and possible culvert reconfiguration are also requested near the intersection of Diamond and 190 roads to keep storm drainage off the road. *This project will also be moved to the pending project list next week.*



- A half section east of 100 Road between Shady and Timber Roads is being improved and the Farmer has requested that we clear our right-of-way of brush and trees after they clear the fence.
- The owners of Premium Feeders and Nesika Energy are requesting improvements to 70 Road south of US 36 Highway for dust control. *After the last rain, owners reported poor road surface conditions near the entrance to Nesika and the entrance to Premium Feeders grinding operation. Drainage in this area has become a problem due to the widening of driveways by Premium Feeders and the lack of storm water retention or filtering of sediment created by the grinding of hay. We will meet with the property owner and plan a project to restore proper drainage for the road that requires the owner to make some improvements to site drainage.*
 - a. Engineering Firm BG Consultants is preparing options and rough order of magnitude estimates for improving dust control on this road.*
- 30 Road south of Bridge 3-D.7 and north of Elm Road, ditch cleaning is needed and a road lift.
 - a. Investigating*
- Diamond Road, 1/8 mile east of 110 Road; Right-of-way clearing of overhanging branches is requested.
- Oak Road west of 20 Road beginning at the Railroad crossing; waterway on the north side is eroding the base of the road and then meanders out of the right-of-way eroding a field and potentially exposing a waterline. *Investigating*
- 796 30th Road Driveway needs millings to improve the transition from the right-of-way onto the new overlay.

High Banks Wind Energy Project Concerns

- A draft of the Road Use Agreement has been updated with prior comments and suggestions incorporated. It is ready for further review and consideration for approval.

This review does not constitute any form of approval and we are looking forward to a formal submittal of larger scale documents and development details if the project is authorized to proceed.

Department Reports on Non-Routine Activities

Roads and Bridges

- Waste was collected from a Community Clean-up program in Courtland.
- At Bridge 27-J.6, a small hole opened in the road surface behind an abutment exposing a void of nearly 1,000 cubic feet. It appears that a 4-inch weephole in the sidewall of a concrete box 15 ft below grade may have flushed material behind the abutment through an opening below the box undetected for many years. Recent rains softened the crust of the road, and it broke through. 5 yards of concrete this week filled the hole at the base of the box and sealed the hole. The road surface is being restored.



Solid Waste

- Agenda has planned the clean-up of their community with the County scheduled to pick up waste on May 16.
- Republic is planning a clean-up program for their community with the County scheduled to pick up waste on May 19.

- PENDING ACTIONS IN RESPONSE TO COMMUNITY CONCERNS

Bridge and Culverts Division Project List (in order of priority)

1. 150 Road 3-5 tenths of a mile south of Elm Road. Road lift needed and possibly another culvert under the road near the half-mile mark. Trees need to be cleared on the east side of 150 Road.
2. Rock Road, ¼ mile west of 290 Road. A wood box culvert needs to be replaced. *A review of this watershed suggests a 5ft x 40ft culvert can replace the wood box. This pipe will be ordered soon.*
 - a. Corner post for fence damaged by grader needs replaced when equipment is mobilized for this project.
3. **130 Road 1/10-mile north of Elm Road.** Erosion has undermined a box culvert abutment and some repairs are necessary before it can be backfilled. Adjacent property owner believes a double box is needed here or several large culverts.
4. Nickel Road at 30 Road on the west side of the intersection; a concrete box culvert is collapsing below the road surface. This will be replaced with a low profile “squash pipe.”
5. Elm Road ¼ mile east of 130 Road, culvert had a hole in the top. *Culvert has been repaired and drainage calculations suggest 2 more 48” culverts may be necessary to drain this watershed effectively. This might solve the situation upstream at 130 Road 1/10-mile north of Elm.*
6. Xavier Road, just west of residence 1090 has a culvert under the road that is filled with earth and needs replaced.
7. Queen Road, 2/10 of mile east of 70 Road, a culvert under the road needs to be widened to accommodate trucks passing each other; the owner would like to fill in the ditch on the north side and use a drop inlet to move surface drainage 70ft onto their property to accommodate a frontage road just outside the right-of-way.
8. 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.*
9. 220 Road, between Marble and Nickel roads, pavement cut needed to excavate and replace culvert, then patch and repair pavement. *(Culvert beneath blacktop collapsing).*
10. Oak, .2 miles east of 30 Road on the north side; a 20 ft large diameter field access culvert is collapsing and needs to be replaced.
11. 30 Road 5/10-mile North of US-36, a Concrete Box Culvert has lost 2 of 4 wingwalls at the abutments and requires frequent maintenance to keep the road surface from eroding into the watershed.
 - a. *This will be replaced with a culvert when 30 road is ripped, and the shoulders pulled this spring.*

Roads and Driveways Division Project List (in order of priority)

1. 20 Road south of US Hwy-36 to Queen Road (1 mile) is being upgraded to an all-weather road.
 - a. 20 Road, 4/10-mile North of Queen Road; a culvert under the road is exposed and has been damaged by a grader. **Completed, Road lift and gravel work will continue as conditions allow.**
 - b. Queen Road, west of 20 Road, tree removal, ditch cleaning and driveway upgrades needed for the first ½ mile. **60% Complete**
2. Diamond Road ¼ mile east of 50 Road on the north side, 36” x 20ft culvert removed needs to be replaced with a 36” x 30ft culvert. **Completed**
3. 150 Road 3-5 tenths of a mile south of Elm Road. Road lift needed and possibly another culvert under the road near the half-mile mark. **Trees will be cleared, and we have obtained permission to remove the fence.**
4. 30 Road improvements to restore the crown in the roadway between Highway 36 and Fir Road. **The project will start at US-HWY-36 and progress north and will take up to a year to complete.**
5. Fir Road, east of Residence at 2641, Ditch work needed to re-route drainage out of field and a damaged culvert replaced.
6. Elm Road ¼ mile east of 180 Road; **mulching of overgrowth on the south side of the road is completed; ditch cleaning will be performed and the culvert under the road will be inspected more closely.**
7. Xavier Road, 1/8 mile east of 180 Road on the north side needs a 20ft deteriorated field access culvert replaced with a 40ft culvert, **owner will pay for the additional 10 ft of material.**
8. Shady Road ¼ mile east of 20 Road, north side, 30ft field access driveway needed south of pivot riser.
9. 30 Road ½ mile north of Shady Road, west side, 20ft field access driveway needs widened to 30 or 40ft however, a fiber cable marker might need to be moved.
10. 110 and Cedar, 1/8 Mile west, 24” crossroad culvert exposed and damaged, needs to be replaced with an 18” x 40’ Culvert
11. Nickel Road ½ mile east of 110 Road, needs a culvert repaired or replaced, water is flowing over the road and damaged portions of the road are closed with Barricades.
12. 290 Road, .26 mile south of Cedar Road; extend 18” x 20ft Field access driveway culvert to 40ft.
13. 300 Road, .3 mile north of Fir; improve field access dry plug to 40ft width.
14. Cedar Road, northwest corner of intersection with 270 road, replace 20ft dilapidated field access culvert with a 40ft culvert and driveway. **Completed**
15. 280 Road, ¼ mile north of Diamond Road, west side; replace 20ft dilapidated field access culvert with a 40ft culvert and driveway. **Completed**
16. Granite Road .4 mile east of 90 Road on the north side; crushed 20ft culvert needs replaced with new 18” x 30ft culvert
17. Granite Road, 1.6 miles east of 90 Road on the south side; new 30ft field access driveway requested.
18. Hickory Road, 1/10 mile east of 90 Road on the north side; new 30ft field access driveway requested.
19. 60 Road, .5 mile south of Birch Road on the east side; narrow access shared and needs to be widened of have a new culvert installed 100 yards south. **Completed**
20. Cut and patch 4-6ft of Concrete at 170 Road near residence 1549 (*Primary Road; Currently 23x23 & 10x23 inch potholes where previous asphalt patch has failed*).

Upcoming Events

- Vacations of Right-of-Ways are proposed for 3 road spurs adjacent to Highway 81 that were abandoned after improvements to the Highway many years ago.