

**Lyon - Redwood Counties JD-15 (Final  
Redetermination Information**

- Established in 1917
- An improvement was completed in 1999
- 4,532.71 acres in Lyon County
- 5,806.72 acres in Redwood County
- **10,339.43 total acres**
- Consists of County tile and County open ditch
- 99,655 feet of County tile in Lyon County (18.9 miles)
- 94,040 feet of County tile in Redwood County (17.8 miles)
- 193,695 total feet of County tile (36.7 miles)
- 14,680 feet of County open ditch in Lyon County (2.8 miles)
- 27,115 feet of County open ditch in Redwood County (5.1 miles)
- 41,795 total feet of County open ditch (7.9 miles)
- The system is unique because JD-15 flows into JD-14 then JD-14 flows into JD-15
- The established outlet of JD-15 is into JD-31 in the SW ¼ of Section 11 of Westline Township, Redwood County
- **Grass strip right of way easement acres**

The Viewers and Engineer recommend establishment of a permanent one rod grass strip on each side of the total length of the open ditch, as per Minnesota Ditch Law, 103-E.021. This State law requires establishment of this 16.5 foot grass strip, beginning at the top of the berm, and extending outward. This strip must be planted in perennial vegetation of grass or legumes. The landowner is responsible for the control of noxious weeds. No fences or grazing of livestock is allowed within the one rod grass strip. The Viewers and Engineer recommend that no trees be allowed within this right-of-way.
- **Grass strip right of way easement damages on cropland acres**

The viewers have received land sale information from Redwood County. Land sales from November of 2020 to October of 2021 range from \$5,190 to \$9,790. \$7,500 is the value per acre to be used for the grass strip easement on cropland acres

**\$7,500 X 14.80 acres = \$111,000**
- **Grass strip right of way easement damages on CREP or RIM easement acres**

The viewers have received land sale information from Redwood County. Land sales from November of 2020 to October of 2021 range from \$5,190 to \$9,790. \$7,500 X 25% = \$1,875. \$1,875 is the value per acre to be used for the grass strip easement on CREP or RIM acres.

**\$1,875 X 1.58 acres = \$2,963**

- **Grass strip right of way easement damages on building sites, trees or non-benefited acres**  
The viewers have received land sale information from Redwood County. Land sales from November of 2020 to October of 2021 range from \$5,190 to \$9,790. \$7,500 X 10% = \$750. \$750 is the value per acre to be used for the easement on building sites, trees or non-benefited acres.  
**\$750 X 0.23 acres = \$173**
- **Total easement damages**  
Grass strip right of way easement damages = **\$114,136**
- **\$5,769,350 of benefits in Lyon County**
- **\$7,938,746 of benefits in Redwood County**
- **\$13,708,096 of total benefits (over 25 years)**

**May 11, 2022**

**Lyon - Redwood Counties JD-15  
Improvement Information (Final)**

- **\$4,474,304 Engineer estimated project cost**
- **\$2,459,580 Engineer estimated “Repair” portion of the project cost**
- **\$2,014,724 Engineer estimated “Improvement” portion of the project cost**
- **Improvement Watershed Benefits (2,324.99 acres)**
- **\$4,293,777 After improvement benefits**
- **\$2,010,617 Before improvement benefits (From the April 6, 2022 Redetermination)**
- **\$2,283,160 Increased benefits**
- **\$2,014,724 Improvement cost**
- **\$268,436 Difference (The benefits outweigh the cost of the project)**
- **Lyon – Redwood Counties JD-15 Total watershed (10,339.43 acres)**
- **4,532.71 Lyon County acres before and after improvement**
- **5,806.72 Redwood County acres before and after improvement**
- **10,339.43 Total acres in Lyon – Redwood Counties JD-15**
- **\$5,769,350 Lyon County benefits before improvement**
- **\$7,935,366 Lyon County benefits after improvement**
- **\$7,938,746 Redwood County benefits before improvement**
- **\$8,055,889 Redwood County benefits after improvement**
- **\$15,991,256 Total benefits after improvement (over 25 years)**