

# Chelatchie Prairie Railroad

## Improvement of Crossing at 119<sup>th</sup> Street

- Crosstie, track, and crossing surface condition were all deteriorated such that the motoring public (and non-motorized facility users such as bicyclists) were subject to risk. Additionally, the railroad risked derailment due to widening gauge resulting from these conditions.
- 
- This photo shows the condition of the East rail at this crossing in 2013. The railroad tie condition deteriorated to the point the rail was “floating” above the grade. Traffic on 119<sup>th</sup> Street struck this rail when passing through the grade crossing. The bond wire for the crossing signal was broken rendering the crossing signal inoperable.
- 
- There were no reported accidents or incidents, but as the condition of the crossing rapidly deteriorated safety concerns increased.



# Emergency repair

- An emergency repair illustrated here protected the public until a grant and road fund dollars could be acquired to repair the area.



# June 2014 Repair

## The fix...

The existing rail, crossties, and asphalt surface were excavated and removed.

The replacement crossing has two new pieces of mainline rail (80 ft length, 136 lb weight), new hardwood crossties (10 ft length), and new concrete surface crossing panels.

Total project cost was approximately \$106,200.

## The economic impact....

Safer transport of goods by rail.

Safer transport of goods by vehicle.

