

 **Holland**[®]
LaserWelder[™]

PROVING PERFORMANCE
LASER WELDED
FROGS





Frog repaired 6/12/2019, tonnage exceeds 100MGT

THE BACKGROUND

Over the last two years, Holland has repaired over 100 frogs via laser welding on multiple Class 1 and Short Line railroads. When a selection of repairs on a Class 1 was evaluated over a year later, the laser welded frogs demonstrated superior performance to traditionally repaired frogs and are continuing to exceed expectations.

THE STATS

- 20 frogs were inspected
- All the frogs inspected have surpassed one year of traffic
- The estimated tonnage on the inspected frogs range from 59 MGT to over 100 MGT at time of inspection
- All the frogs are in very good to excellent condition
- Minor maintenance grinding will allow them to continue to perform at this level
- As of January 2021, the life of the repairs range from over a year to a year and half. Tonnage exceeds 70 MGT for over 30 frogs and 100MGT for 10 frogs!

Email sales@hollandco.com

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Call 708.672.2300



Frog repaired 9/4/2019, tonnage 85MGT