

The logo is circular with a gear-like outer border. Inside the border, the text "South West Locomotive" is written in an arc at the top, and "Repair" is written in an arc at the bottom. In the center of the logo is a stylized monogram of the letters "LWRR" in a serif font, set against a light blue circular background.

**Locomotive Inspections and
the Interpretation of the
Results**

Regulating Agency's

- Department of Transportation Federal Rail Administration (USDOT FRA)
- California Public Utility Commission (PUC)





Inspection Resources

- FRA Rule 49 Parts 200 to 399
- RDS Locomotive Inspection Scheduling System (LISS)
- Locomotive Manufacturing Maintenance Information (MI)

Inspection Intervals

- Daily inspection. Rule 229.21 Operator
- 92 day inspection. Rule 229.25
Mechanic
- 368 day inspection. Rule 229.27
Mechanic
- 736 or 1104 day inspection. Rule
229.29 Mechanic

Daily Inspection

- All Fluids; engine oil and water, air compressor oil, governor oil.
- Perform air Brake test.
- Walk around inspection.
- These should be completed every shift

Mechanic Inspections

- 92, 368, 736, and 1104 day inspections
- All Safety devices tested
- All electrical components inspected
- All wiring inspected; loose or chaffed.
- All air components tested or changed
- Clean electrical contacts and generator
- Change all air, oil and fuel filters.
- Complete visual inspection.

Overloaded Generator

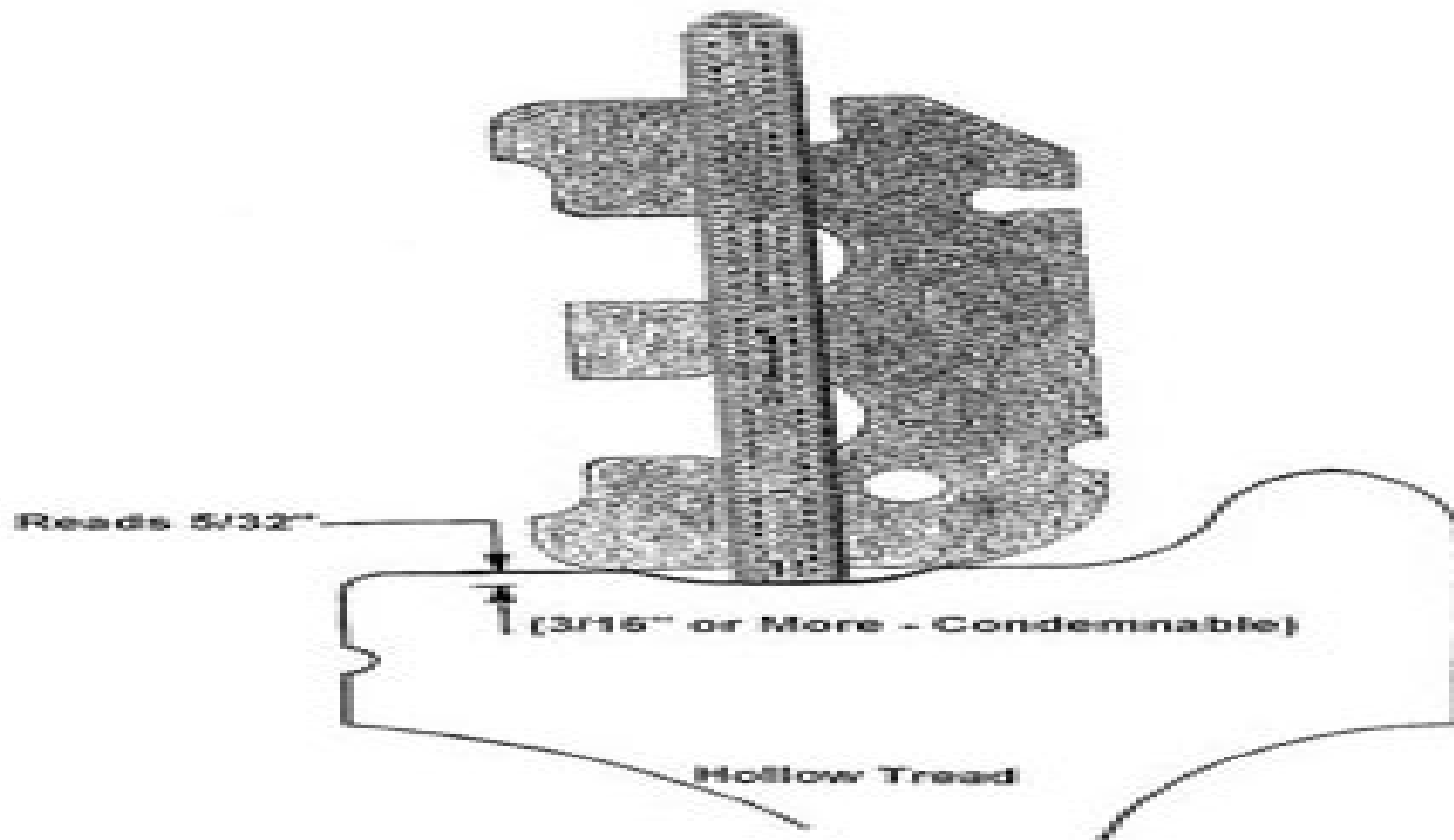


Heat Cracks From Wheel Slip

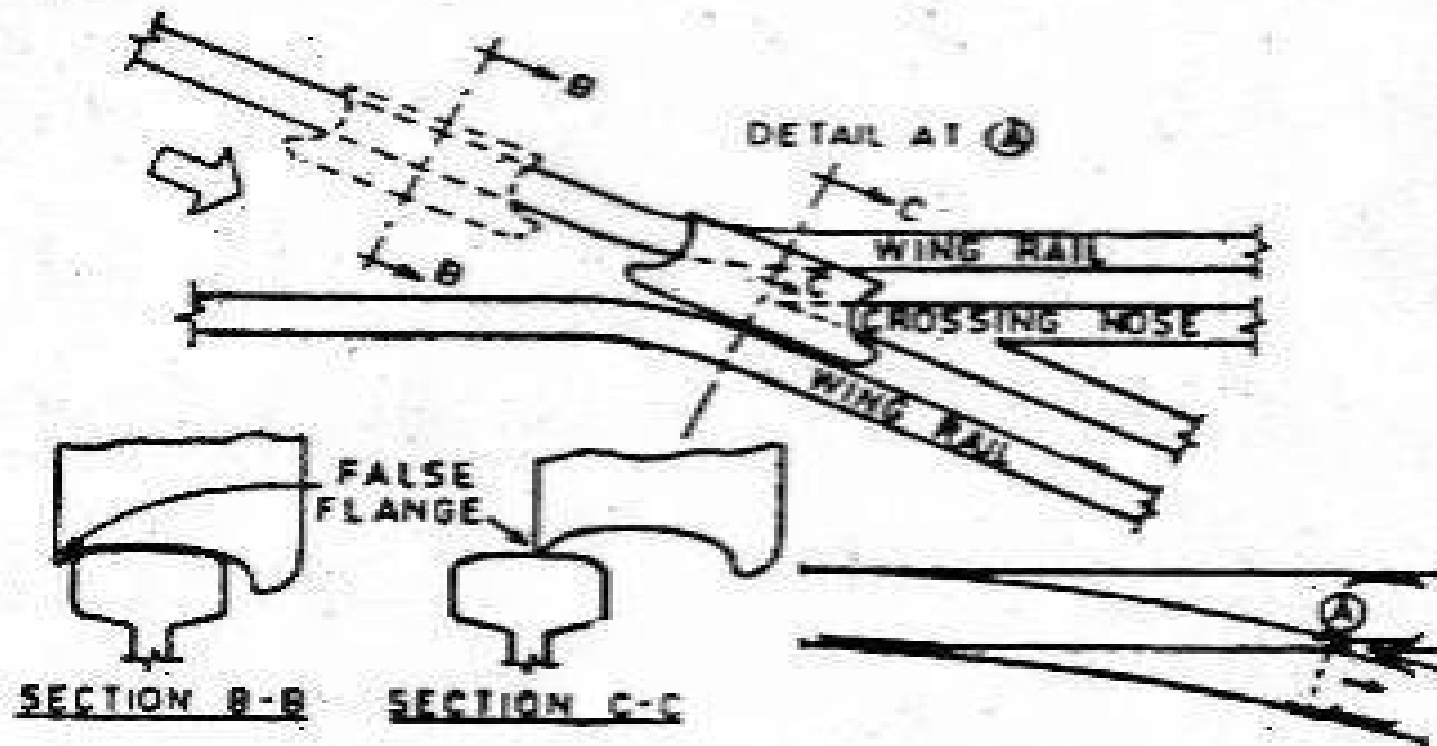


07.29.2009

Hollow Tread

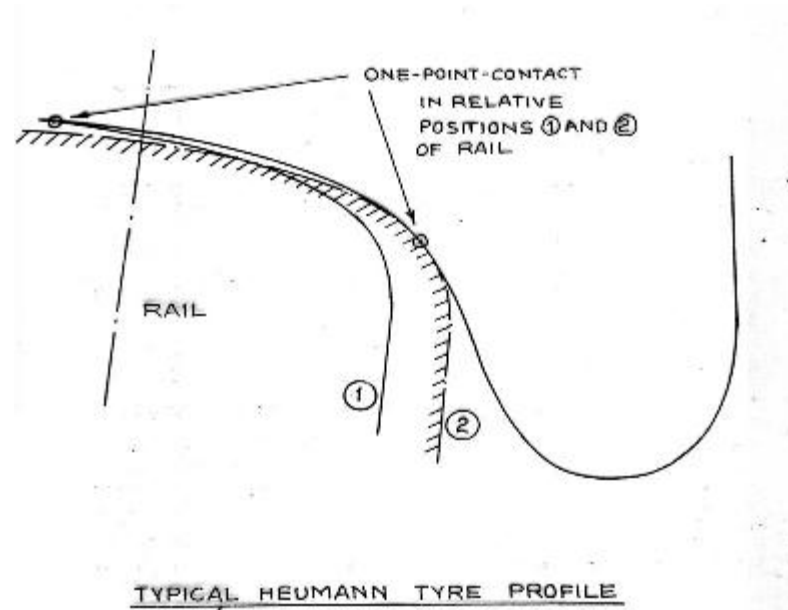


False Flange

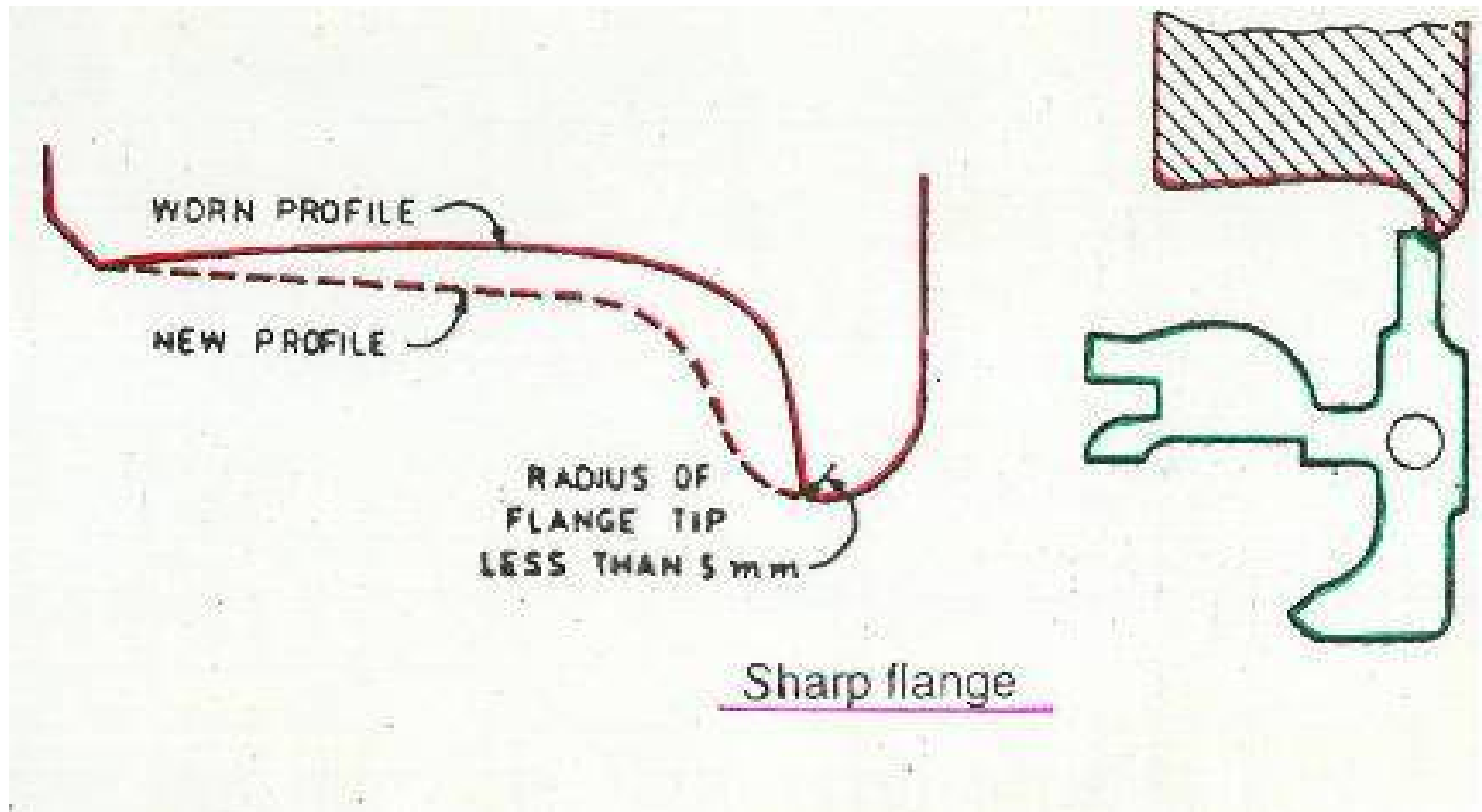


Wheelset with false flange negotiating crossing portion.

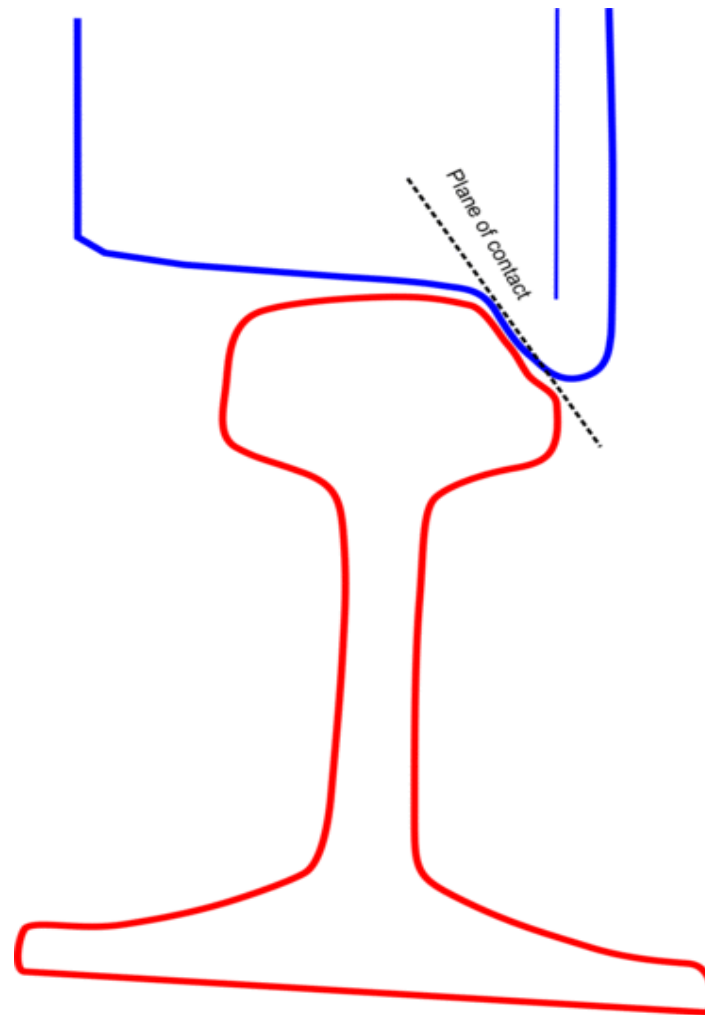
Excessive Track Contact



Thin Flange



Flange and Track Wear



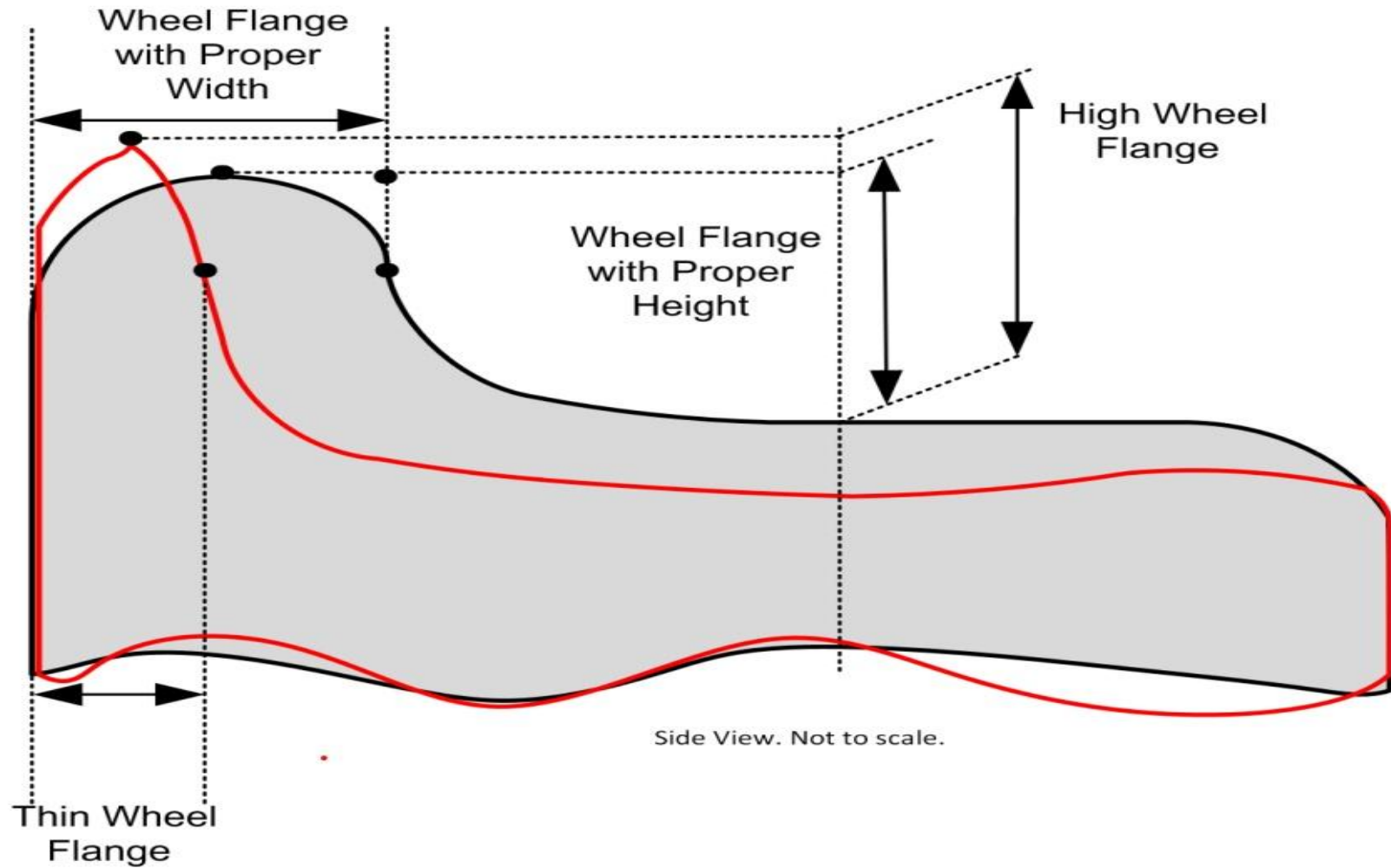
Joint Bar





Wheel Lathe

New Wheel



Correct Wheel to Rail Contact

