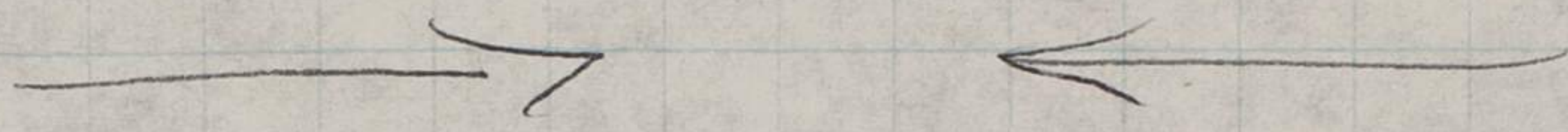


1863 - RR / Transc.

Central Pacific - Sacramento



Union Pacific - Omaha / Thomas Durant  
President

\* Labor shortest because of Civil War.

Crocker - Chief Engineer for <sup>Central</sup> T.P.  
~~300~~ \$1. Ties 3 million ties #119 ~~to~~ Engineer  
to meet w/ Central Pacific

- \* Rail laid every 30 seconds
- \* Chinese workers - Central Pacific  
12,000 workers 90% Chinese  
40 miles + \$8M in 3 years

Union Pacific

- \* 3 yrs, 40 <sup>only</sup> miles  
ground
- \* Dredge - Chief Engineer for Un. Pacific
- \* 1 mile/day.
- \* 3 strikes to the rail
- \* 10¢ ~~per~~ ties per rail

Native American

- \* Sioux & Cheyenne
- \* Nebraska & Wyoming
- \* Attacks on surveys & bridge builders
- \* Gen. Sherman - supported the RR by his troops.
- \* Pleaded for the whites to stop killing the Buffalo
- \* 4 yrs - 300 miles of track U.P.

Crucial  
to  
1869

6 yrs to complete // Meeting of  
Directors 10% meeting point. 200 Million Acres awarded.