THE PROTECTORS OF OUR INDUSTRIES.

Pony Express

- https://www.youtube.com/watch?v=y1R-GeEd95c

RIDERS

- Most riders were around 20 years of age
  - Youngest rider was 11
  - Oldest rider was mid-40s
- Many riders were orphans
- Riders usually weighed around 120 lbs.
- Riders Pay = $25 per week
- New riders took over every 75-100 miles
  - Riders changed horses about 3 times
- 183 men are known to have ridden for the Pony Express

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HORSES

- 600 horses purchased to stock the pony express route
- Thoroughbreds, mustangs, pintos, and Morgans were often used
- Horses traveled an average of 10 miles per hour
- Horses were exchanged every 10-15 miles.

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TIMELINE

January 27, 1860

- Horses bought
- Riders chosen
- Route planned

April 3,1860

- First Rider, Johnny Fry, leaves on the Pony Express going west
- First Rider, James Randall, leaves on the Pony Express going east

October 24, 1861

- Telegraph completed
- Official end of the Pony Express

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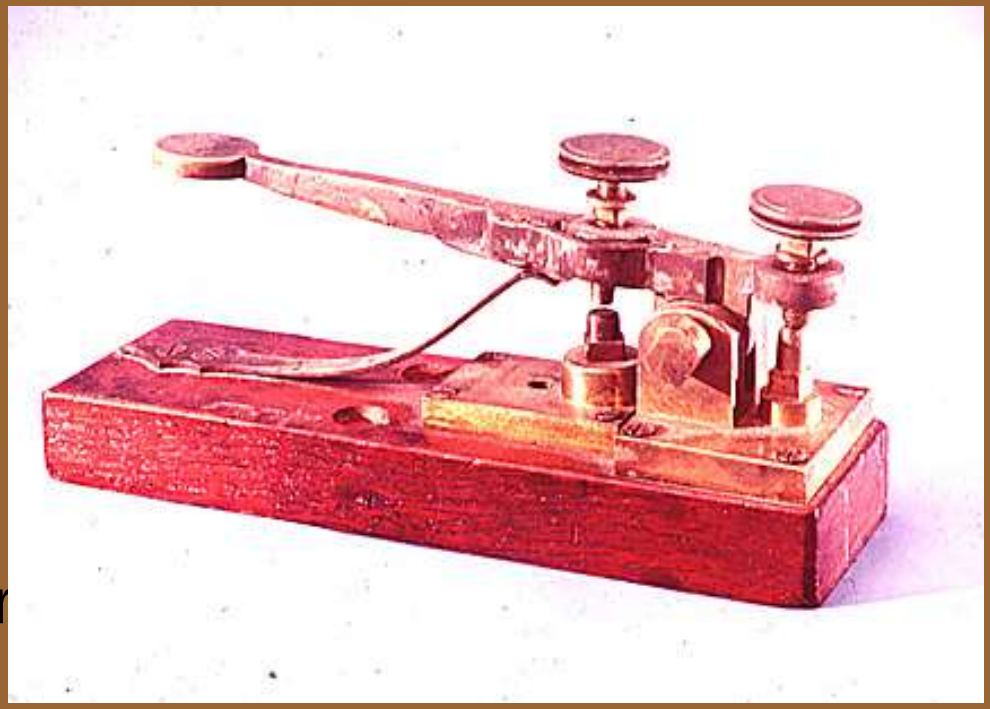
The Telegraph

- The telegraph was invented by Samuel Morse.
- This machine sent sent long and short pulses of electricity along a wire.
- With the telegraph, it took only seconds to communicate with another city.
- The invention of the steamboat and telegraph brought the people of the nation closer to each other.



Industrial Revolution

- During the **Industrial Revolution**, machines started to replace hand tools, and factories began to replace craft shops.
- After the Civil War, even greater changes took place in American industry.
- Inventors developed new technologies, and business owners found new ways to run their businesses.

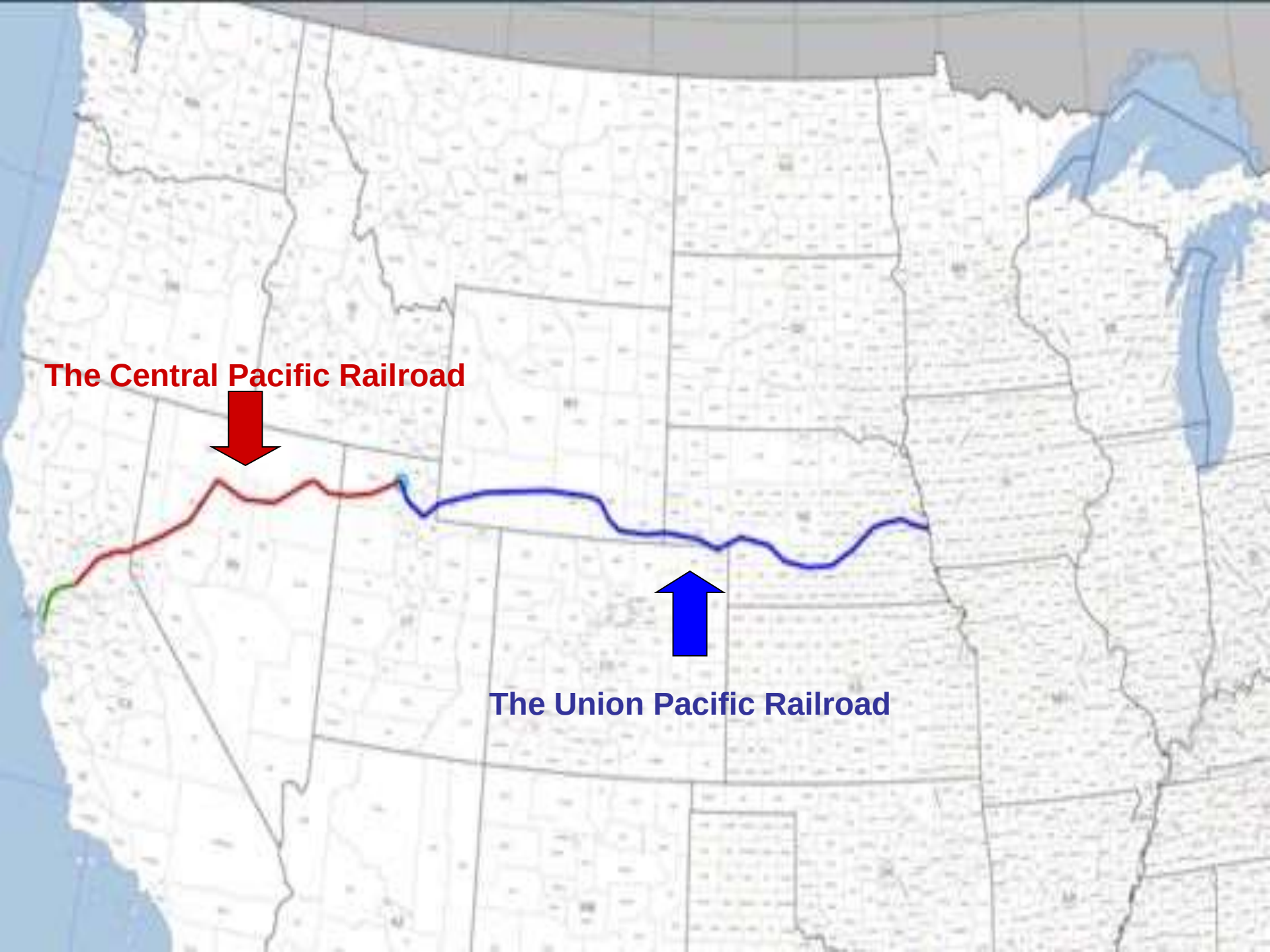
Transcontinental Railroad

Expanding Rail Transportation

- Even when Abraham Lincoln was President, plans were being made to connect railways that would allow one to travel from the Atlantic coast to the Pacific coast.
- Railroads had been built from the Atlantic coast to Nebraska.
- Now, the goal was to connect a railway from Nebraska to the Pacific coast.

Two Railroad Companies

- In 1862, Congress gave two companies the right to build the railroad.
- The government also gave them the land and loaned them money.
- The **Union Pacific Railroad** built west from Omaha, Nebraska.
- The **Central Pacific Railroad** built east from Sacramento, California.


The Central Pacific Railroad
The Union Pacific Railroad

Building the Railroad

- The majority of the **Union Pacific** track was built by Irish laborers, veterans of both the Union and Confederate armies, and Mormons who wished to see the railroad pass through Ogden, Utah.
- Chinese workers built most of the **Central Pacific** track.
- Most of the men received between one and three dollars per day, but the workers from China received much less. Eventually, they went on strike and gained a small increase in salary.

1869

N! HAUPT.

The Railroads Meet

- On May 10, 1869, the two railroads met at Promontory, Utah.
- A golden spike with a prayer written on it was used to complete the first transcontinental railroad.

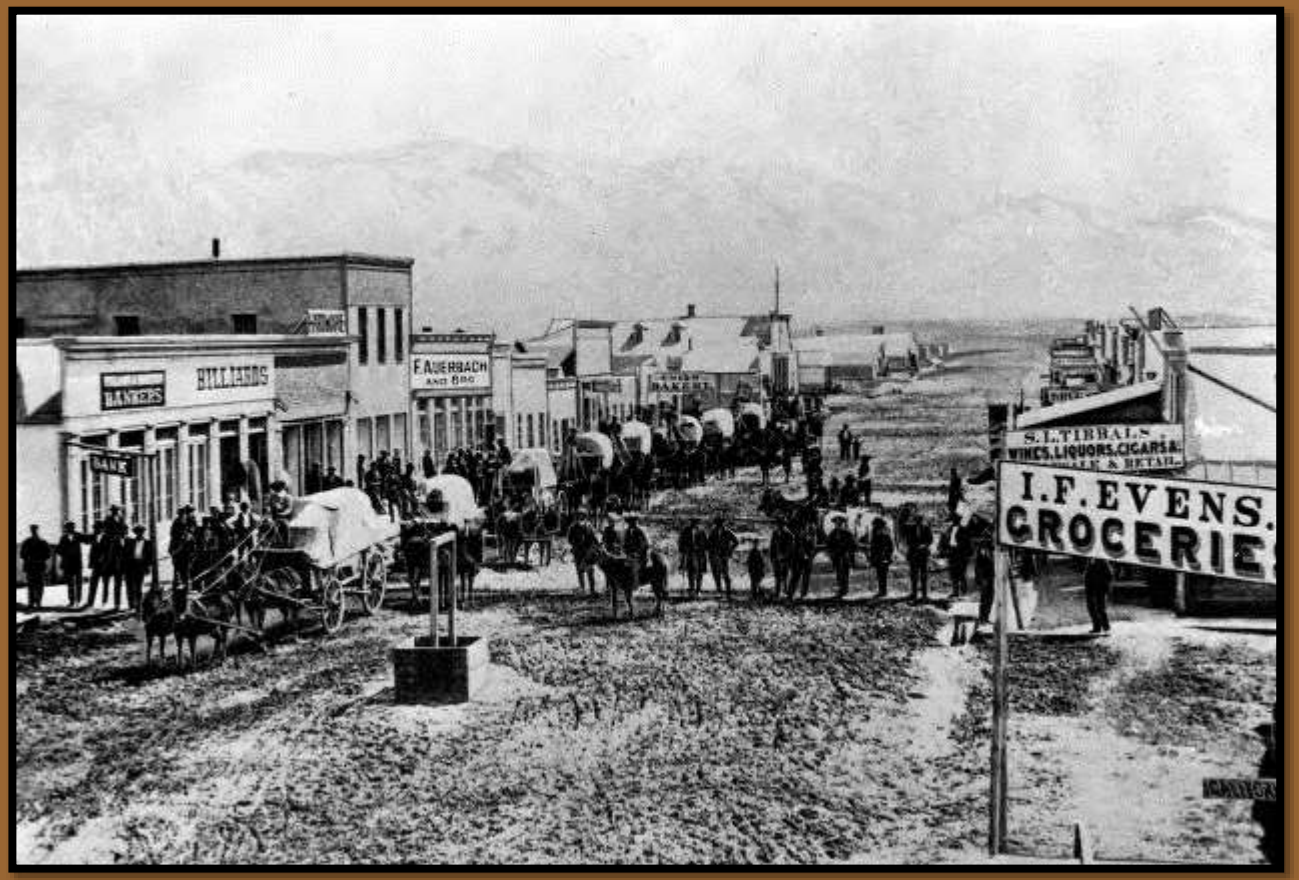
Benefits of the Rail to Utah

- Trade with China
- Jobs and economic growth
- Connect Utah with the rest of the Nation
- Make it easier for saints to gather to Utah
- Faster to transport goods

Mining

- Railroads made mining more profitable for shipping.
- Towns were set up for convenience and not practicality.
- More men than women.
- http://www.youtube.com/watch?v=rcQYZQPY1fI

Corinne 1870s



Corinne, UT

Corinne

Corinne

Eureka 1906

Eureka 2005

HOTEL
ORPHEUM
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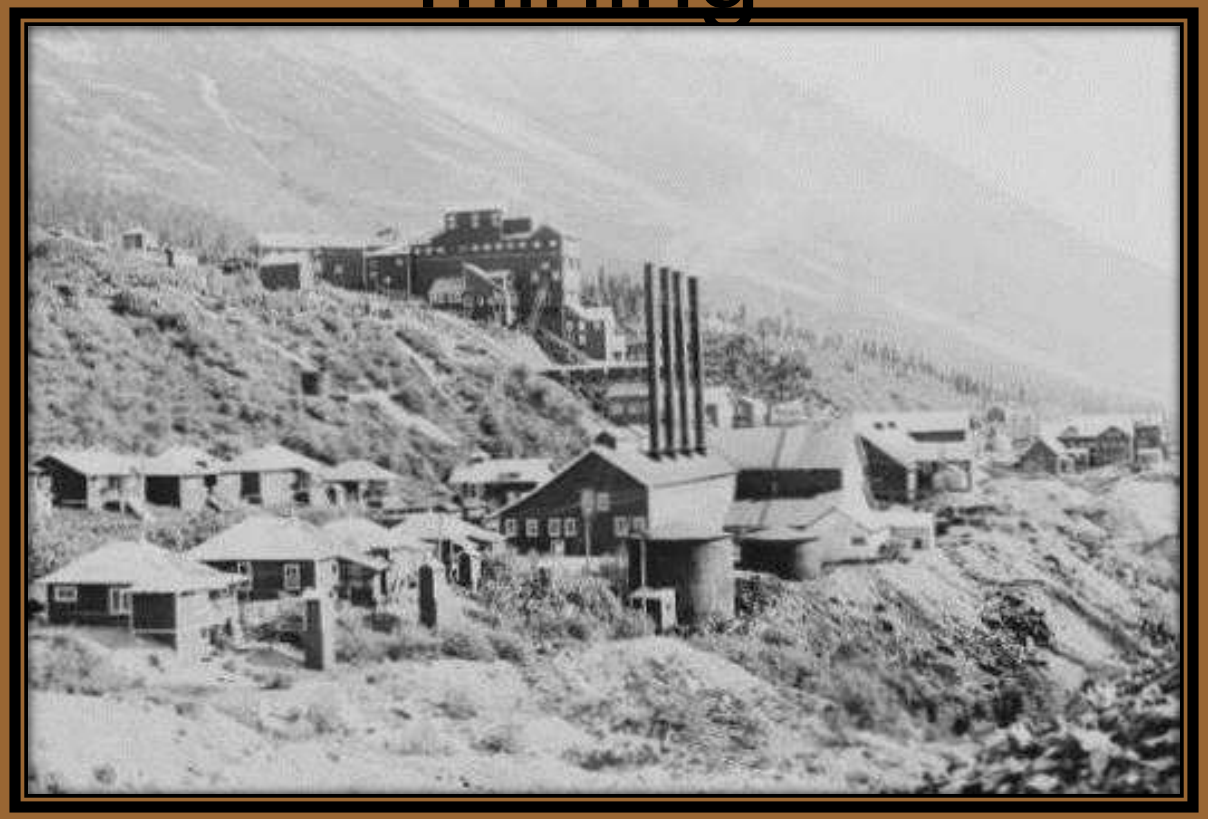
Banking

Vernal, Utah- Zion's Bank , first company to start banking in Utah

Railroad

Made it possible to ship and buy things around the country. This is a train pulling oil cars. Railroads changed the way people did business around the country.

mining



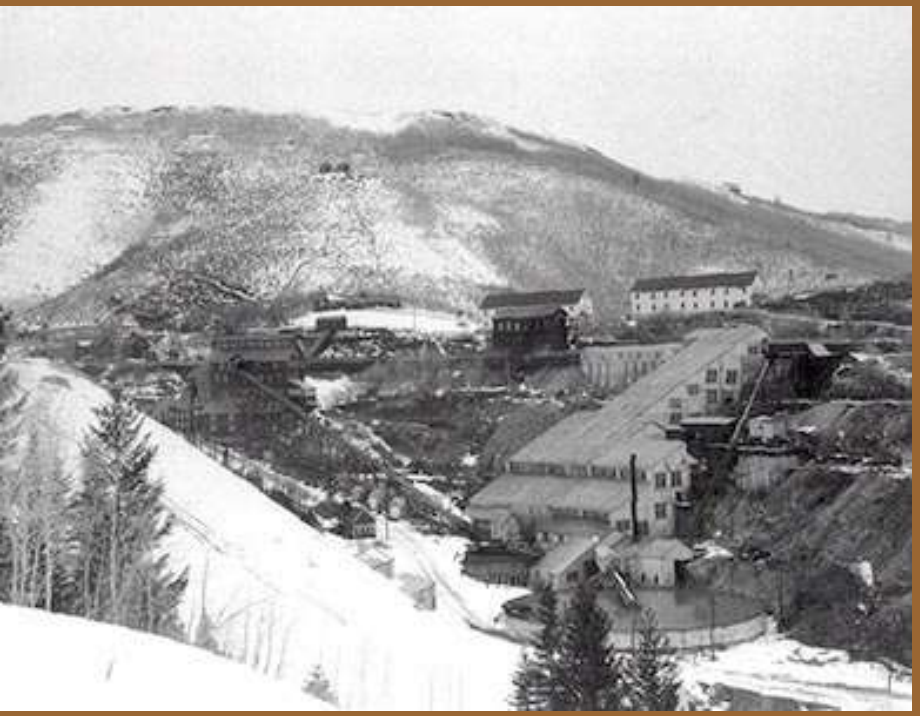
Kennecott- Copper Mine
Copper, Coal, Gold, Silver, Oil, Uranium and Ore

A Miner's life

- Dangerous
  - Fall from the elevators
  - Hit by falling rocks
  - Tunnels collapsed
  - Lung disease
  - Deadly gases
  - Most did not live long enough to die from old age.

Mining towns

- Towns not built with a set plan
  - Roads were narrow and winding
  - Either became ghost towns or ski resorts



Park City, Utah -- mining

Park City, Utah – Ski resort

cowboys

- Cattle was part of daily life
- Brigham Young encouraged cattle trade
- Caused cattle wars in some instances
- Jim Bridger one of the first cowboys

Promontory Point 1869