

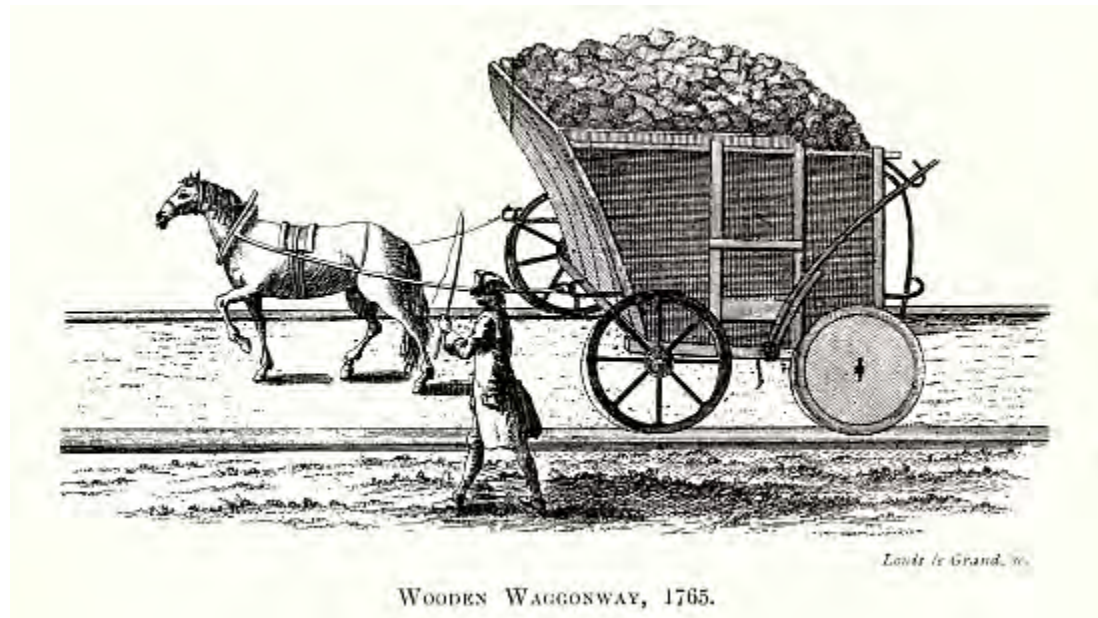
Railroads and other stuff



Presented by:
William H. Reetz

Origin of Railroads

- Wagonways reduced friction
- Earliest locomotives built around 1800
- George Stephenson “Father of Railways” 4 ft. 8 ½ gauge
- Prompted social and economic change



Railroads in North America

- Future lay in westward expansion
- Baltimore and Ohio – competition with New York
- Networking in North but Short Lines in South
- Transcontinental vision



Railroad History in the Northwest

- Chenoweth
- Merger of Short Lines



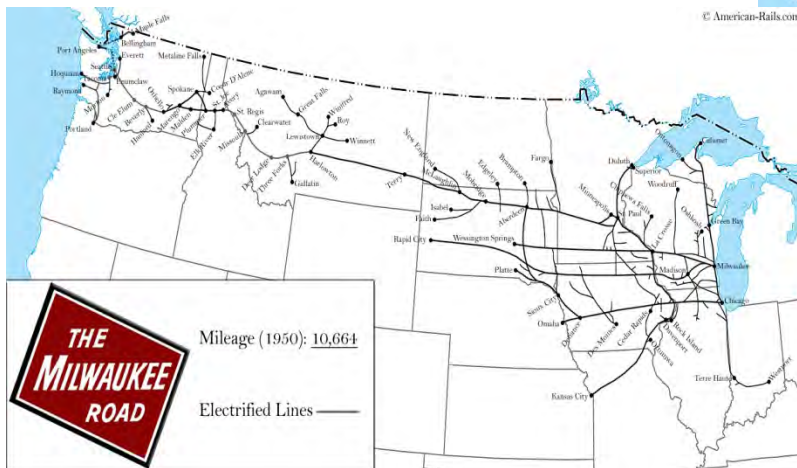
Northern Pacific

- Chartered in 1864 by Act of Congress signed by President Lincoln
- Generally followed Lewis and Clark Trail
- Difficulties: Supplies, Weather, Native Americans
- Construction begins in Kalama
- Line from Minnesota to Portland substantially completed in 1883



Great Northern and Milwaukee Road Routes

- Competing Northwest Routes



Financial Issues

- Land grants of 60 million acres but only used 40 million
- Company reorganized and extended Tacoma line to Puyallup
- Stampede Pass discovered and tunnel completed
- Competition between Harriman and Hill
- Answer was Chicago, Burlington & Quincy
- Hill wins and GN and NP acquire Chicago, Burlington, & Quincy



Milwaukee Road

- Incorporated in 1847 as Milwaukee & Waukesha
- Vision west – shorter route but lack of land grants brought expense
- Merger sought but not approved
- BN merger was approved but conditions improved profitability
- Filed bankruptcy proceedings in 1977
- Hyak Ski Bowl



Great Northern Railway

- James J. Hill “The Empire Builder”
- Acquired RR’s in Minnesota and part of Mesabi Range and looked westward
- Chose farthest northern route
- John Stevens discovers Marias Pass and Stevens Pass



Cascade Difficulties

- Original Cascade tunnel
- Wellington avalanche 1910
- Electrification and new tunnel



Mergers

- GN, NP, & Burlington Route form BN
- SP&S Merger
- Merger with AT&SF form BNSF



Bakken Crude Controversy

- Bakken Formation
- Oil discovered in 1951
- Extracted by hydraulic fracturing and horizontal drilling
- Lac Megantic Rail disaster in Quebec
- Swinomish Tribe's lawsuit filed in U.S. District Court



Federal Regulation

- General Railroad Right-of-Way Act of March 3, 1875
- Interstate Commerce Act of 1887
- 4-R Act of 1976 and Staggers rail Act of 1980
- Interstate Commerce Commission Termination Act of 1995 (“ICCTA”)



Overview of Washington & Federal Case Law

- Morsbach and Swan: Fee or Easement?
- Zobrist v. Culp
- Veach v. Culp
- Roeder Company v. Burlington Northern, et al.
- Brown v. State of Washington
- City of Auburn v. United States Government
- Lake Whatcom Railway v. Alar



Federal Decisions

- Northern Pacific Railway v. Townsend
- Great Northern Ry. Co. v. United States
- Marvin Brandt Rev. Trust v. United States



Railbanking and Rails to Trails

- Abandonment under ICC Administration
- 4-R Act and Staggers Act Exemptions
- National Trails System Amendments of 1983
- Opposition



Federal and State Decisions

- Preseault v. ICC (Preseault I)
- Preseault v. ICC (Preseault II)
- Preseault v. State of Vermont (Preseault III)
- Lawson v. State of Washington, et al.
- King County v. Rasmussen



Conclusion

- Issues relating to the evolution of railroads have changed over time
- Economic and social progress
- Settlement of the West
- Land Barons
- Regulation and Deregulation
- Recreational Trails

