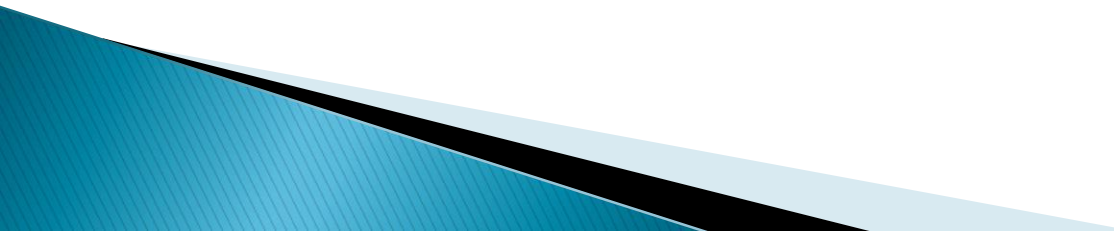


The Edmonton Radial Railway Society



- ▶ History of Streetcars in Edmonton
 - ▶ The Edmonton Radial Railway Society
 - ▶ Streetcar Operations
 - ▶ Streetcar Fleet
 - ▶ Restoration
 - ▶ Future Projects
- 

Edmonton Radial Railway – First Streetcar (1908)



Significant Edmonton Streetcar Dates

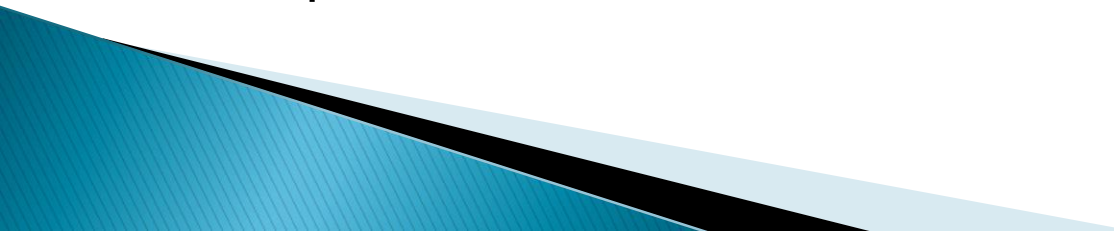
▶ 1908

- October 24 – arrival of car #2 (double-ended, hand brake)
- October 31 – arrival of car #1
- November 9 – ERR regular service begins
- December 4 – regular service to Strathcona via Low Level Br.

▶ 1909 – New streetcars with PAYE and air brakes

▶ 1911

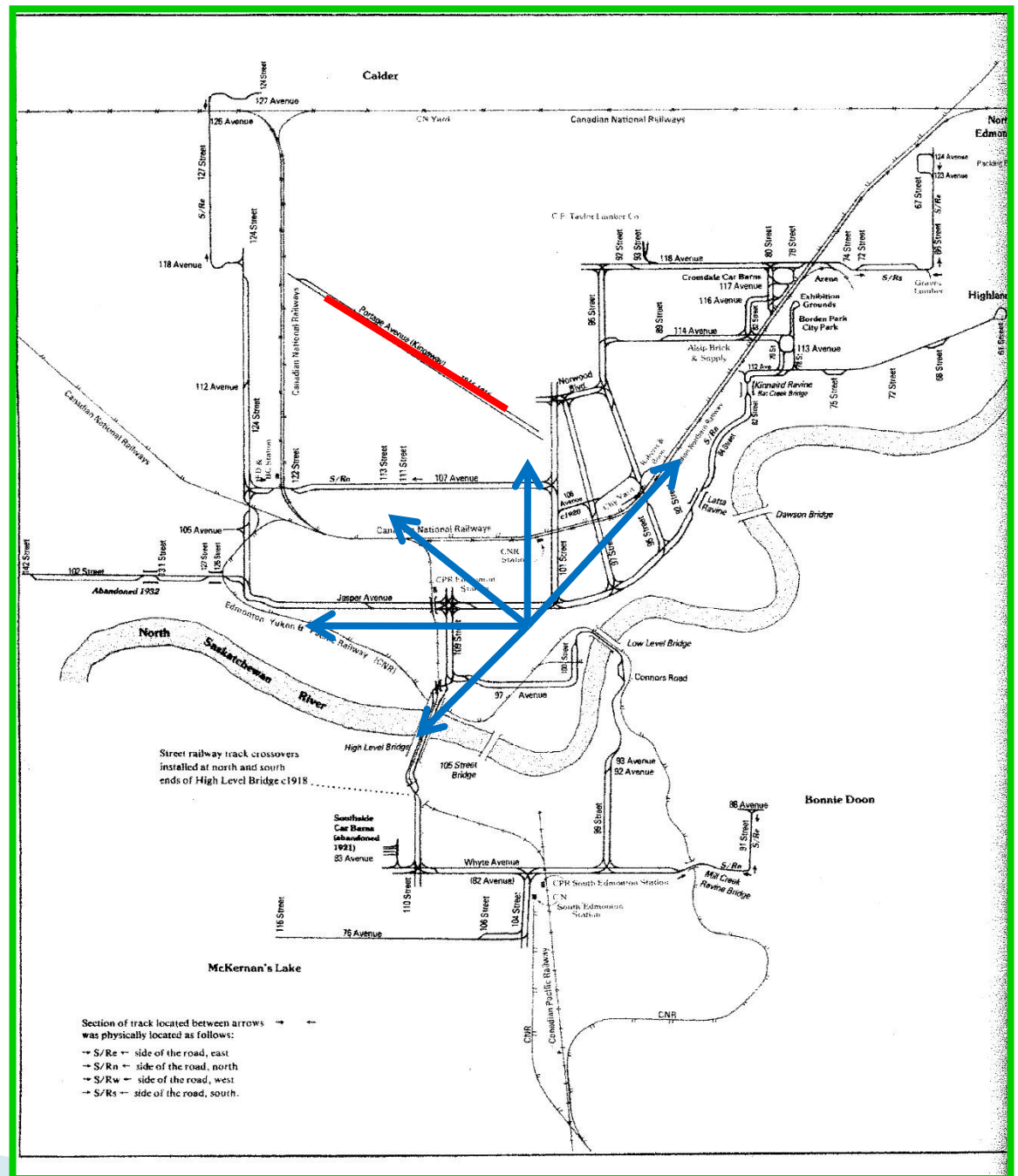
- Coal stoves introduced
 - Single ended cars introduced
- 

- ▶ 1913
 - Single 5¢ fare introduced for Edmonton and Strathcona
 - August 11 – first streetcar across High Level Bridge
 - ▶ 1930
 - Last five new streetcars arrive
 - Buses introduced
 - ▶ 1932 – First streetcar line replaced by buses
 - ▶ 1939 – Introduction of trolley buses
 - ▶ 1940 – Library streetcar
 - ▶ 1951
 - September 1 – ceremonial “last run”
 - September 2 – last run
- 

Why “Radial Railway”?

1924 Routes

(Portage Ave – Kingsway built
but never used)



1924 Streetcar Routes

North Edmonton

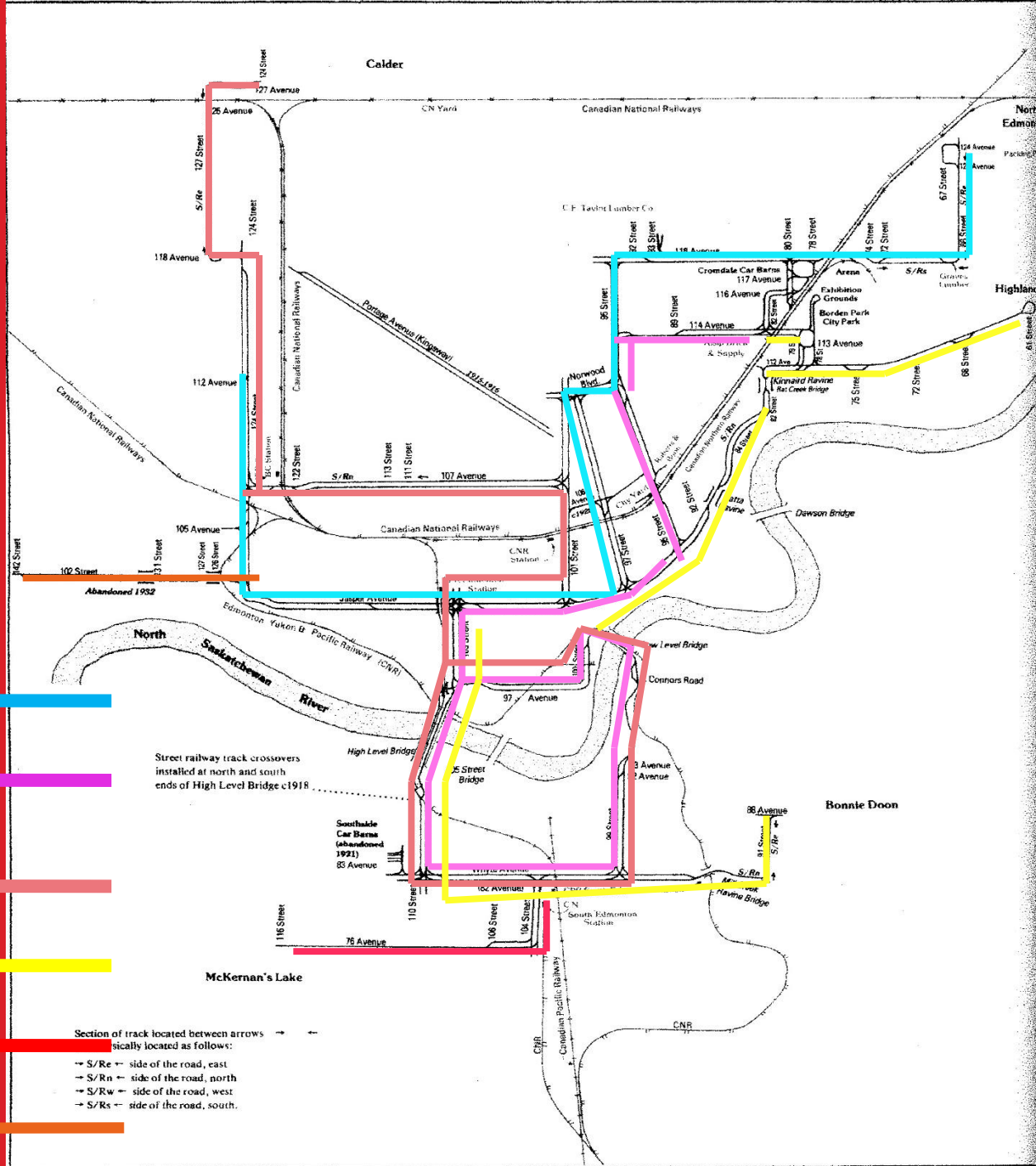
95 St, Low Level Bridge, 99 St

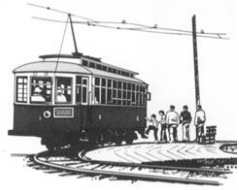
Calder

Bonnie Doon

McKernan

Glenora

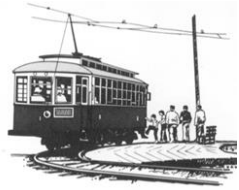




ERRS Mission

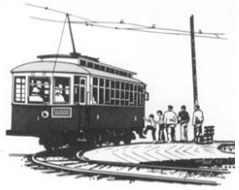
Through the efforts of our volunteer members:

- ▶ To preserve and interpret the history and technology of street railways with particular emphasis on Edmonton's streetcar system.
- ▶ To collect and restore significant artifacts and maintain an operating street railway.
- ▶ To co-operate with other museums with similar interests.
- ▶ To promote public awareness of the Edmonton streetcar system.



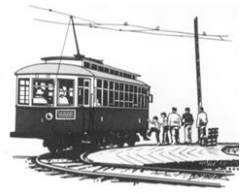
ERRS Activities

- ▶ Restore, maintain and operate streetcars at Fort Edmonton Park and on the High Level Bridge streetcar line.
- ▶ Ten operating streetcars, including four Edmonton cars
 - Seven at Fort Edmonton
 - Three on the High Level Bridge line
- ▶ Two streetcars being restored
- ▶ Thirteen additional streetcars in collection for eventual restoration, including four Edmonton cars



Significant ERRS Dates

- ▶ 1979 – Streetcar #1 operates on High Level Bridge during City of Edmonton 75th anniversary
- ▶ 1980 – ERRS formed
- ▶ 1984 – Streetcar service in Fort Edmonton Park
- ▶ 1997 – HLB seasonal service to Grandin (Govt Centre)
- ▶ 2005 – Extension to Jasper terminus
- ▶ 2011 – Edmonton #33 enters service on HLB line
- ▶ 2020 – Extension to Whyte Avenue



ERRS Statistics

- ▶ Approx. 220 members
- ▶ 20,123 volunteer hours (2023)
- ▶ Total Passengers
 - FEP – 135,157 (2023)
 - HLB – 59,997 (2023) [92,406 (2019)]
- ▶ FEP: 1981 to 2023– 4.7 million passengers
- ▶ HLB: 1996 to 2023 – 1,373,836 passengers

Fort Edmonton Park

- ▶ Service began in 1984
- ▶ 2 km double track, two loops
- ▶ Maintenance, restoration and storage barn (replica of 1910 Strathcona car barn at 83 Ave. and 110 St.)



High Level Bridge Line

- ▶ 3.2 km single track with passing track
- ▶ Highest streetcar bridge in the world (157 feet)




Strathcona Carbarn



Operating Season

- ▶ Fort Edmonton Park
 - Victoria Day long weekend to Labour Day (Wed–Sun)
 - September (weekends)
 - Charters – April to December
 - Christmas Market

 - ▶ High Level Bridge
 - Friday of Victoria Day long weekend to Labour Day (daily, currently 4 days/week)
 - Fri., Sat., Sun. to Thanksgiving (early Oct.)
 - Charters – most evenings to end of October

 - ▶ ~50 trained motormen
- 

ERRS Operating Fleet – Fort Edmonton

▶ Edmonton

- #1 – 1908 Ottawa Car Company
- #42 – 1912 St. Louis Car Company (1930 configuration)
- #80 – 1930 Ottawa Car Company

▶ Toronto

- TSR 24 – 1897/1914 Preston Car Co. (Toronto Suburban Railway)
- TTC 4612 – 1951 Canadian Car & Foundry PCC

▶ Regina

- #42 – 1928 Canadian Car & Foundry

▶ Saskatoon

- #200 – 1907 Ottawa Car Company

ERRS Operating Fleet – High Level Bridge

- ▶ Edmonton

- #33 – 1912 St. Louis Car Company

- ▶ Osaka

- #247– 1921 Umebachi/Sharyo (Hankai Electric Rwy)

- ▶ Melbourne

- #930 – 1947

ERR #1 (1908)



ERR #42 (1912)



ERR #80 (1930)



TTC #4612 (1951)



Toronto Suburban Rwy #24



The interior condition of No. 24 prior to the start of restoration © Bill Keith F



Regina Municipal Railway #42 (1928)



Saskatoon Municipal Railway #200 (1907)



ERR #33 (1912)



Melbourne 930 (1947)



Osaka 247 (1921)



Hannover 601 (1970)

Returned to Hannover in 2016



ERR #53 & #65 (1913)



Unrestored/Non-Operational

- ▶ Brandon #6
 - ▶ Calgary #60
 - ▶ Edmonton #13, 31, 39, 73
 - ▶ Regina #8
 - ▶ Saskatoon #35, 54, 62, 202
 - ▶ Toronto #4349, 4367
- 

Restoration of #33



Life on the farm



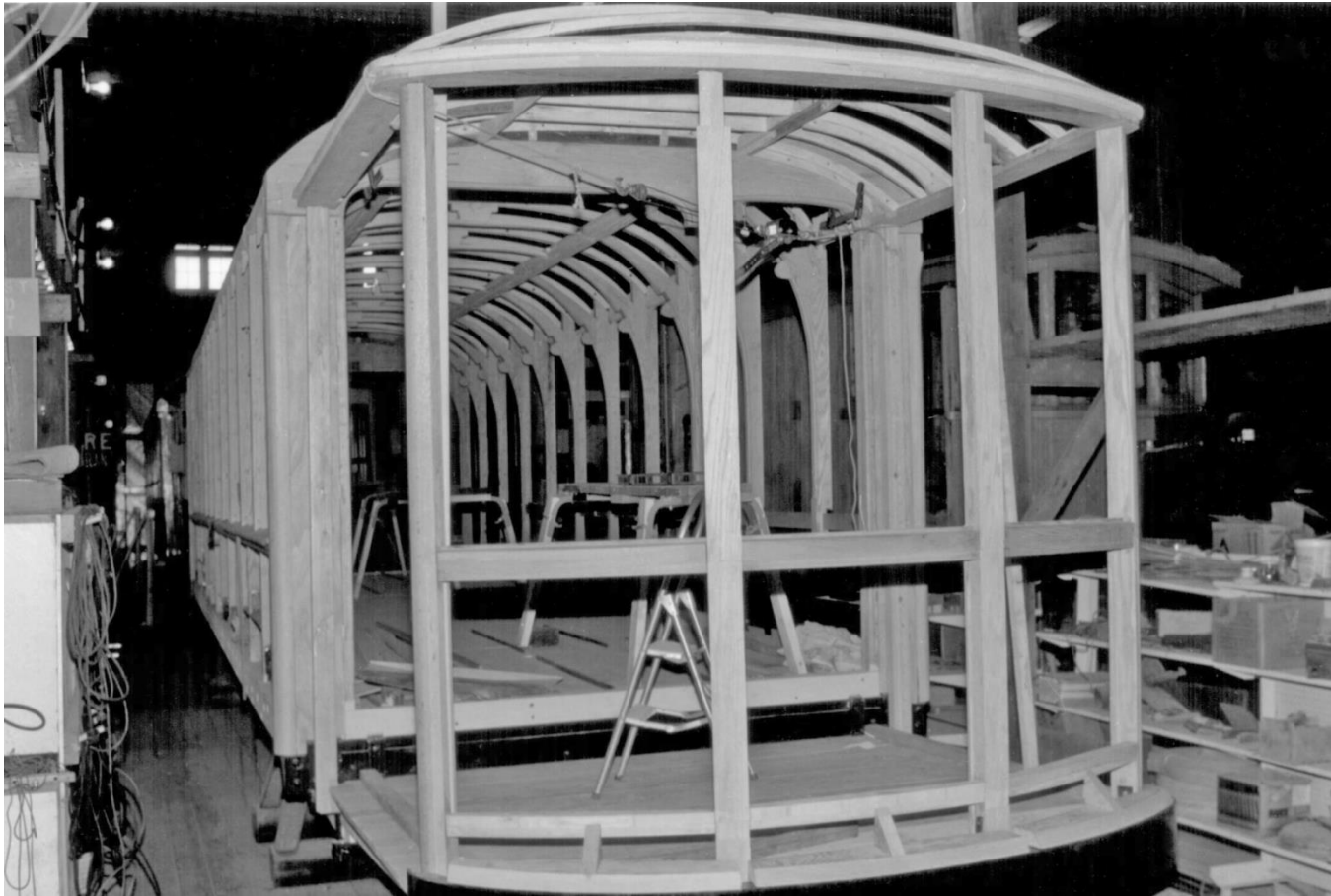
Restoration begins (May 1992)



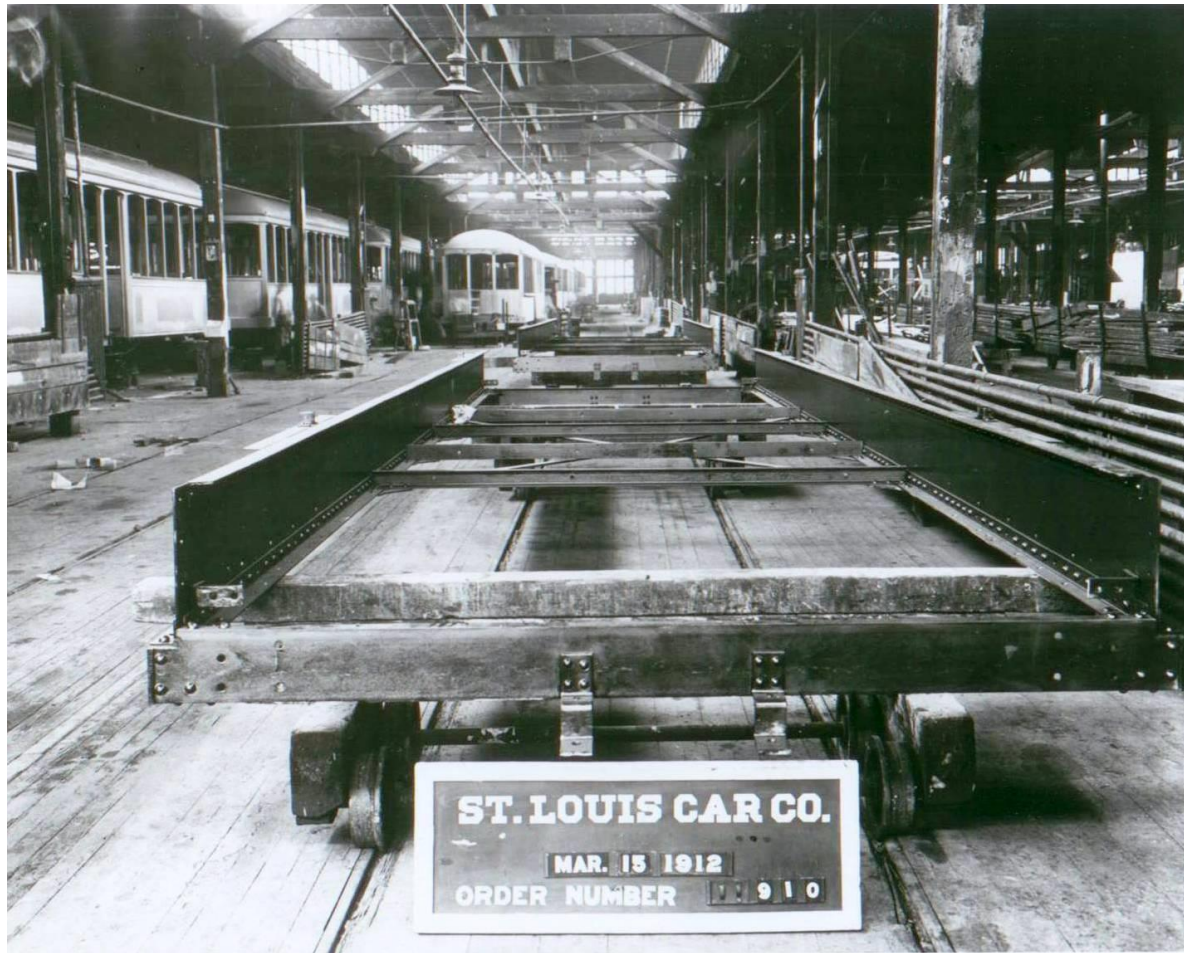
Disassemble



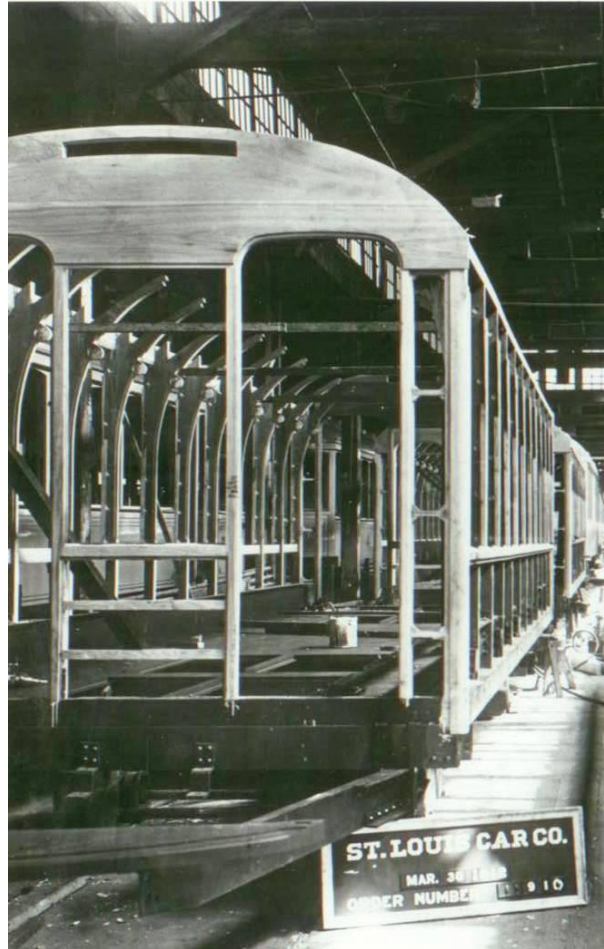
New framing

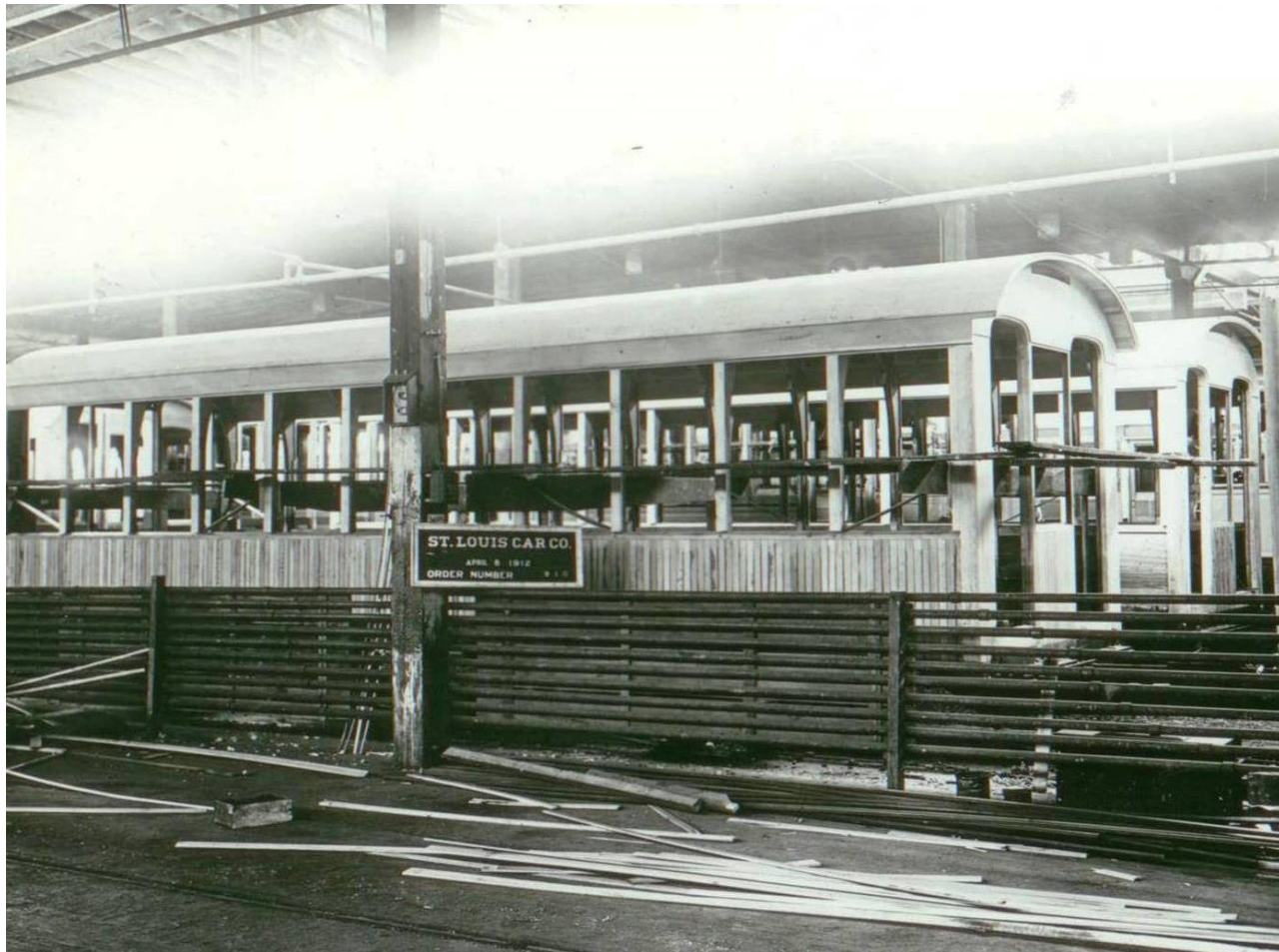


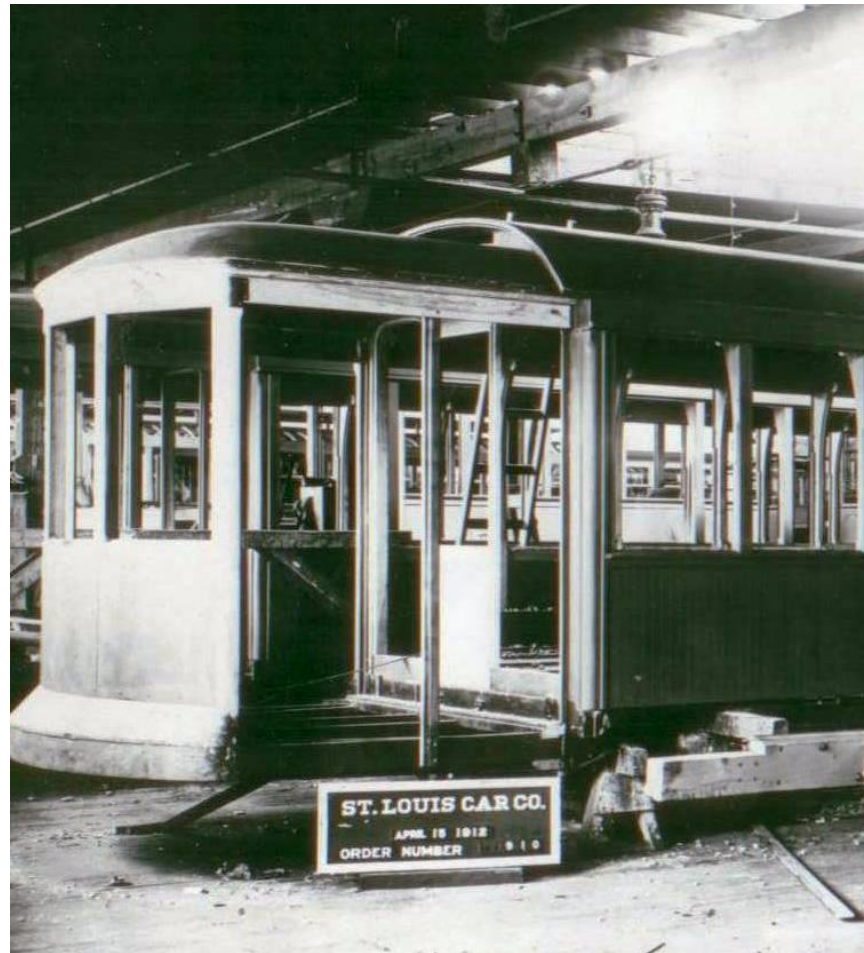
Original Production Photos of #33



Two weeks later











May 1, 2010:

**After 17 years, 35,000
volunteer hours and
investment of
\$153,000 #33 is ready
to go on a first test
run!**



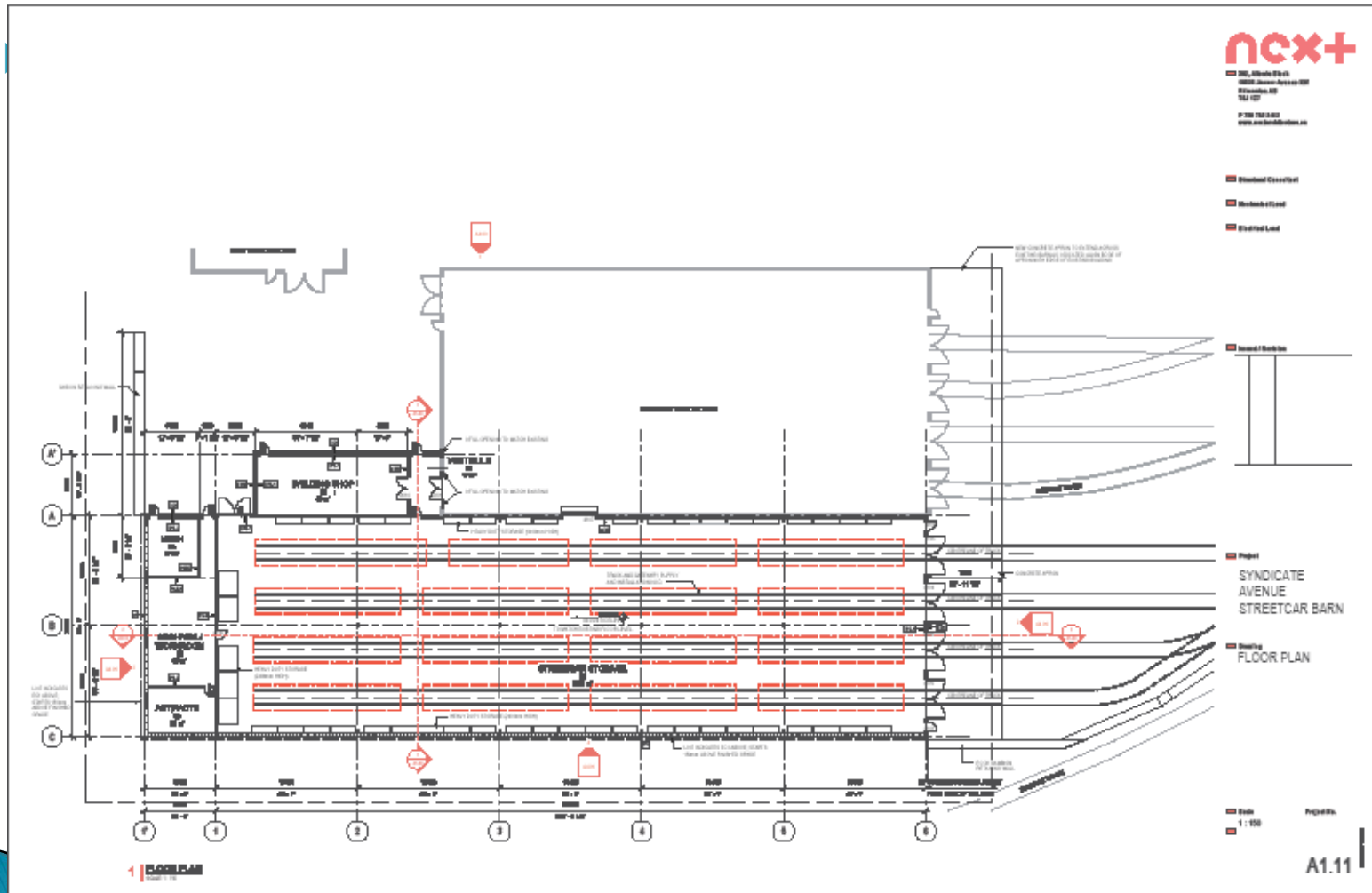
First trip out of the barn



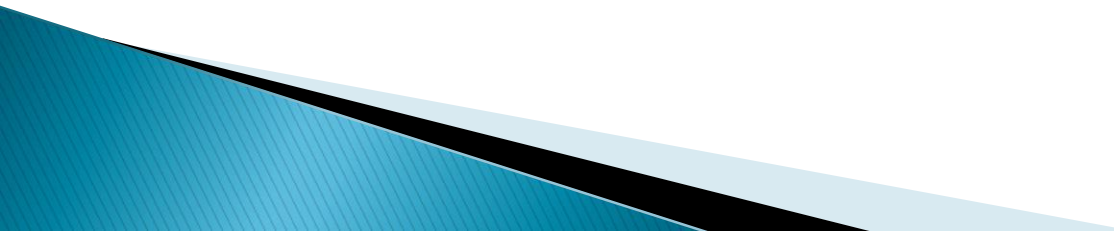
#33 Moves from FEP to HLB



Fort Edmonton Barn Extension Project



Ongoing Work

- ▶ Next restorations – Edmonton #53 & #65 (1911)
 - ▶ Collaboration with other streetcar museums
 - Saskatoon #12
 - ▶ Add to collection
 - Winnipeg streetcars
 - Other streetcars
 - Streetcar related parts and artifacts
 - Documents and photos
 - ▶ Ongoing maintenance of equipment and infrastructure
- 

Questions?



edmontonstreetcars.ca