



North Dakota Public Service Commission Update on Rail Service & Safety

APRIL 10, 2024

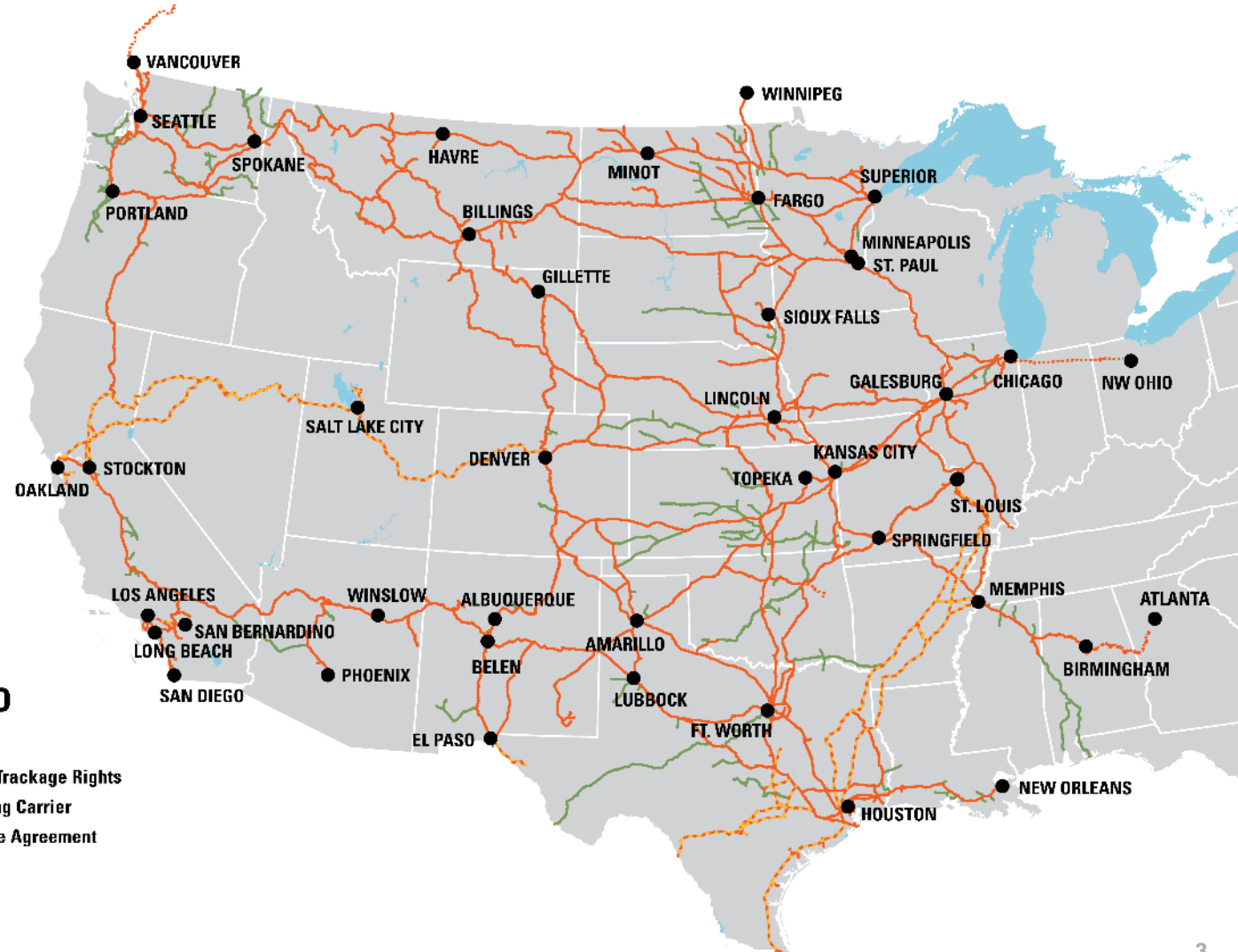
About BNSF Railway

- A Berkshire Hathaway company
- ~**37,000** employees
- ~**7,500** locomotives
- Operates an average of **1,200** trains/day
- In ND: ~**1,500** route miles
- ~**1,200** employees



Our Network

- **32,500 route miles** in 28 states and three Canadian provinces
- **+13,000** bridges and **99** tunnels
- Serves **+40 ports**
- **27** intermodal facilities



Safety

BNSF – A Culture Focused on Safety

SAFETY VISION: To operate free of accidents and injuries



EMPLOYEE



OPERATIONAL



COMMUNITY

Prevention: Technology Enhances Safety and Efficiency



PTC covers **94 percent** of our freight volume



Autonomous Track Geometry Cars increase the number of miles inspected



Wayside Detectors take **+35 million** readings daily



Utilizing **Big Data Analytics** for a comprehensive view

Rail is Safest
Way to Move
Goods by Land

Rail Transports
Hazardous
Materials Safely

- Since 2000, the train accident rate is down **27%** and hazmat accident rates are down **75%**
- 2023 **record year for workplace safety** with fewest injuries & lowest injury frequency rate in the company's **175-year history**
- **99.99%** of all BNSF hazmat shipments reach their destination without a derailment caused release.

First Responder Training

BNSF and the railroad industry train first responders in their communities under a longstanding program called “*TRANSCAER*” (*Transportation Community Awareness and Emergency Response*)

- Hands-on equipment in field – Instructor lead
- Train list/shipping papers
- Placards
- Equipment
- Incident assessment

BNSF trained **more than 4,000** local first responders in 2022.

More than **128,000 emergency responders** trained by BNSF since 1996.

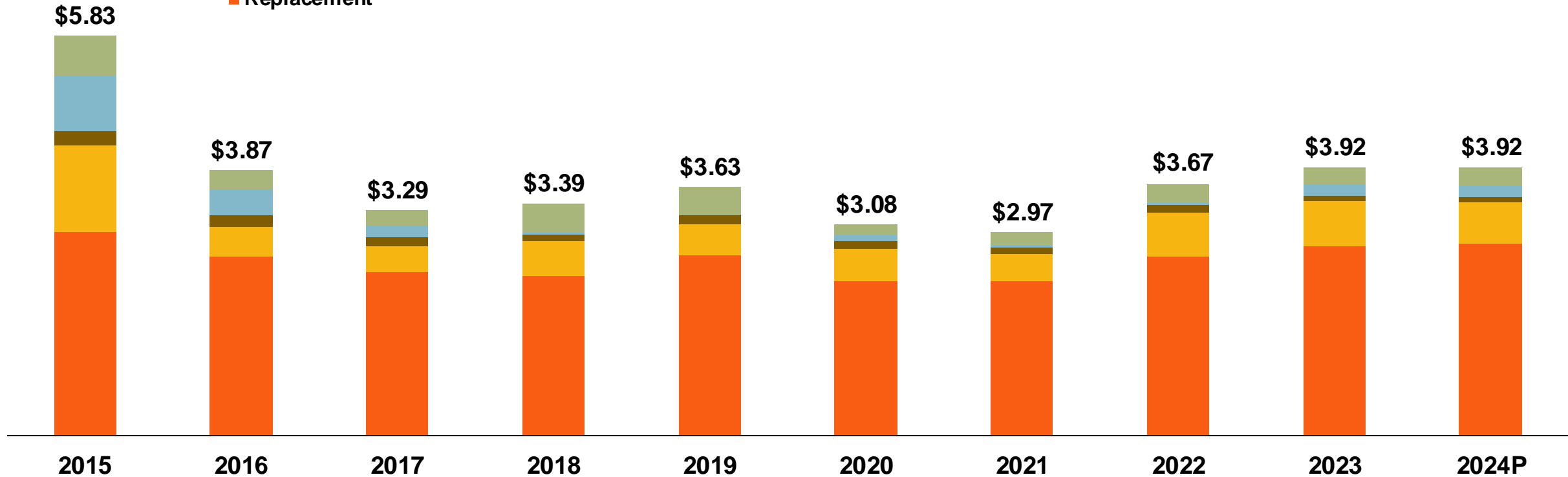


Capital Investments

BNSF's Capital Investments

\$Billions

- Equipment
- Locomotive
- PTC
- Expansion
- Replacement

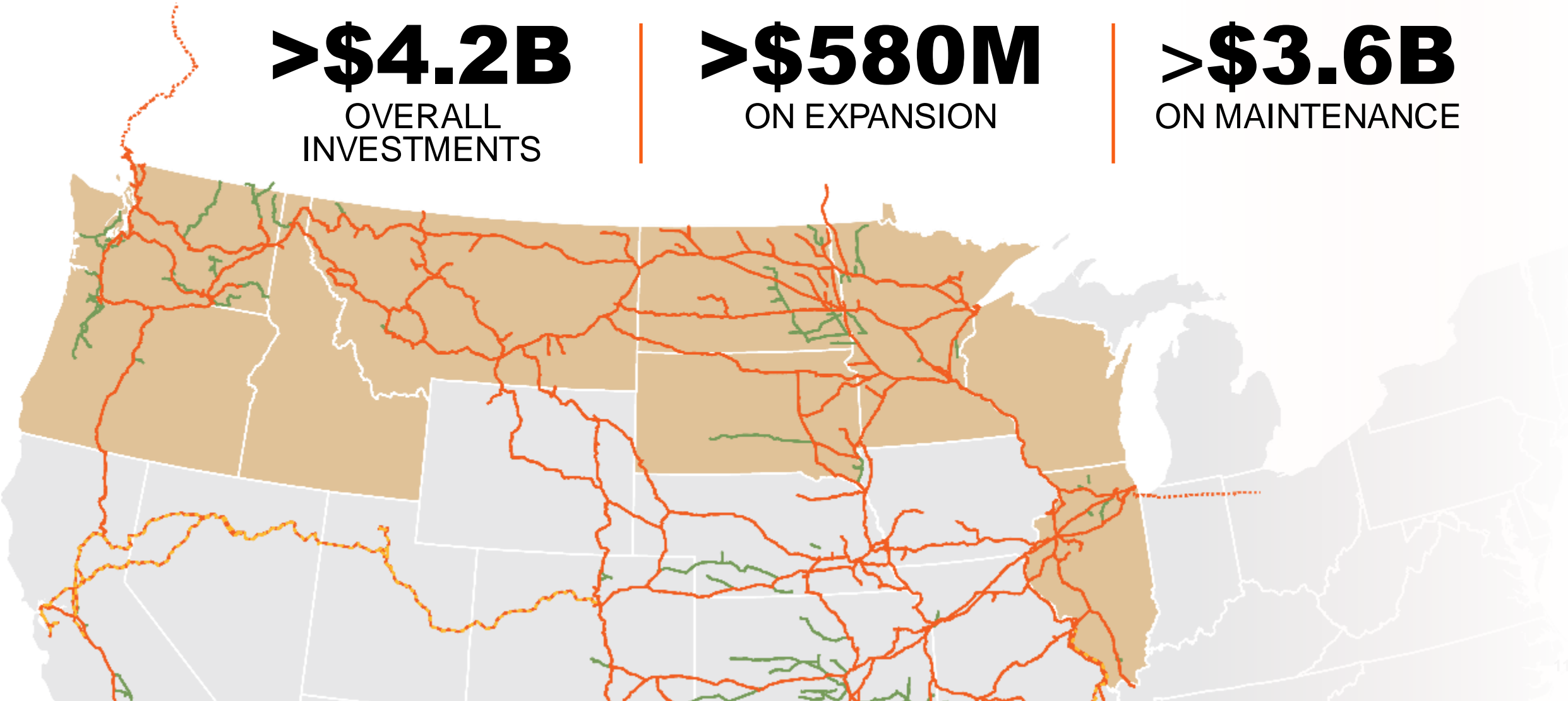


BNSF Investments in the Northern Corridor (2018-2022)

>\$4.2B
OVERALL
INVESTMENTS

>\$580M
ON EXPANSION

>\$3.6B
ON MAINTENANCE



Agricultural Products

BNSF Agricultural Products Breakdown

BNSF is the largest grain-hauling railroad in the United States



GRAIN

Wheat
Barley
Corn
Soybeans
Milo

BULK FOODS

Sweeteners
Syrups
Animal Products
Starch



OTHER GRAIN PRODUCTS

Oils Feeds
Flour Malt
Oilseeds & Meals
Specialty Grains



FERTILIZER

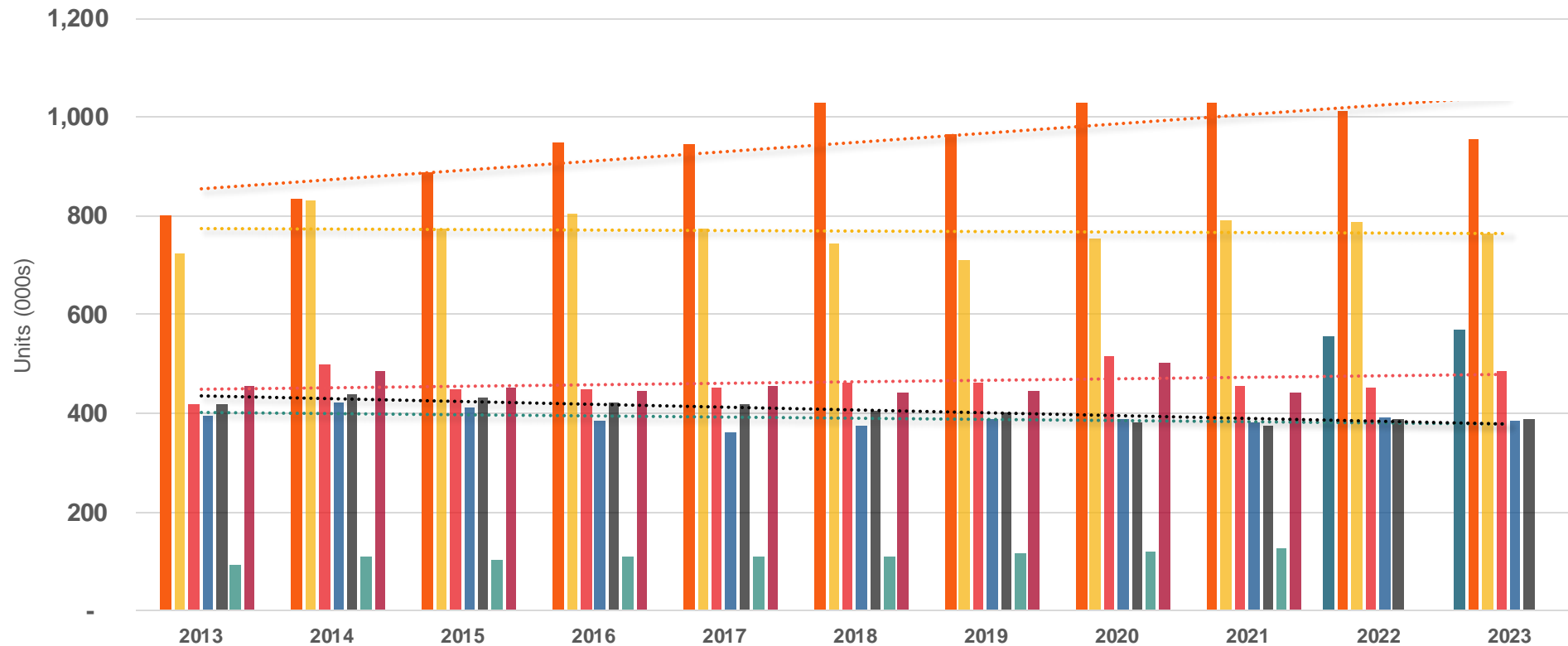


RENEWABLE FUELS

Ethanol
Biodiesel
Renewable Diesel
Feedstock

BNSF AG Growth: Consistent through the Years

Agricultural Products AAR Units (000s)



Renewable Fuels & Agricultural Products

- Sustainably transporting low-carbon renewable fuels such as renewable diesel, biodiesel, renewable naphtha and sustainable aviation fuel.
- Supporting transportation needs for the shipment of renewable fuels feedstocks such as vegetable oils, recycled animal fats, used cooking oils and greases.



Innovation & Communications

New and Enhanced Tools to Manage Your Freight

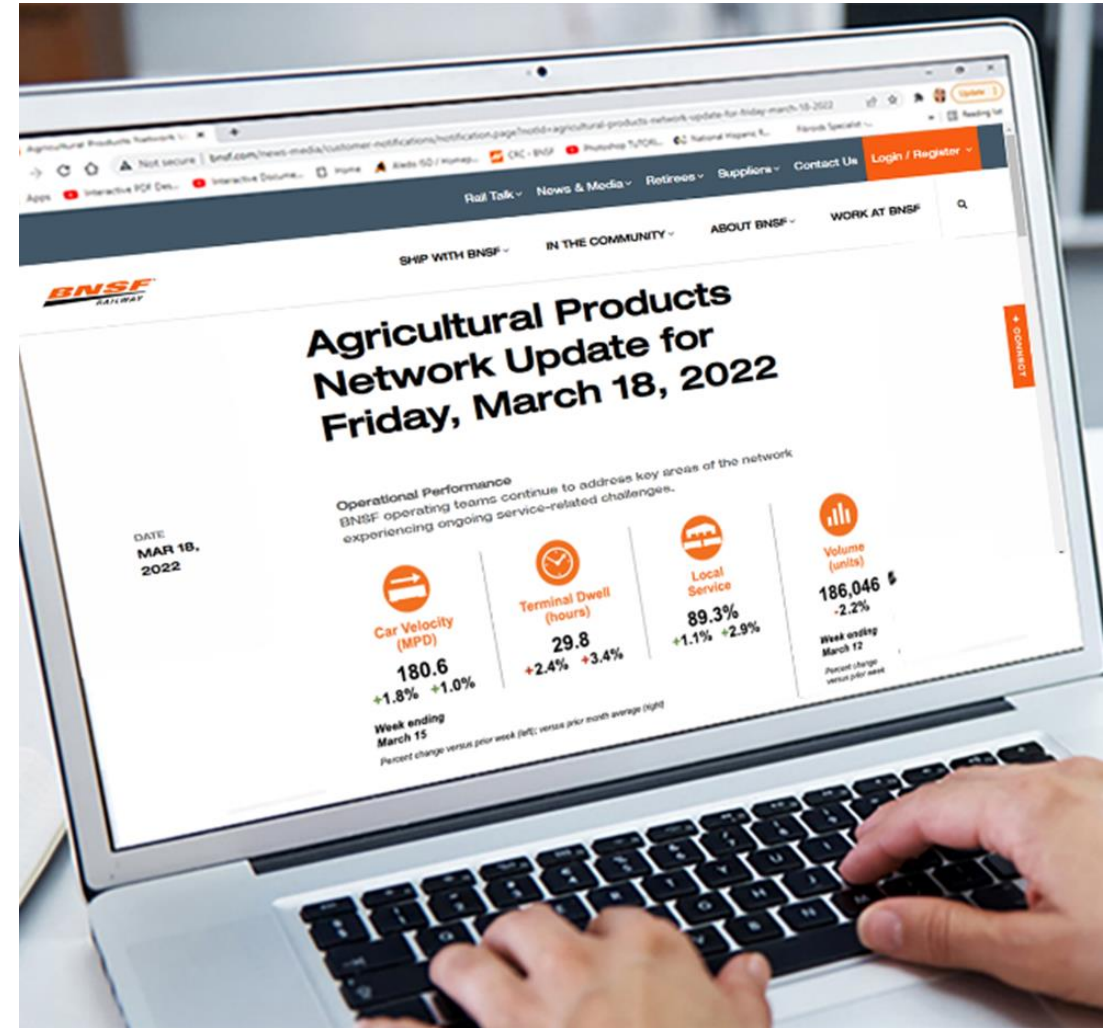


- Track My Train
- Geofence
- Local Service Notifications
- Railcar Management
- Message Us
- API



Consistent Network Updates to Customers

- Provide relevant and understandable information about BNSF services
- Allows our customers to make informed decisions about their supply chain



We Care

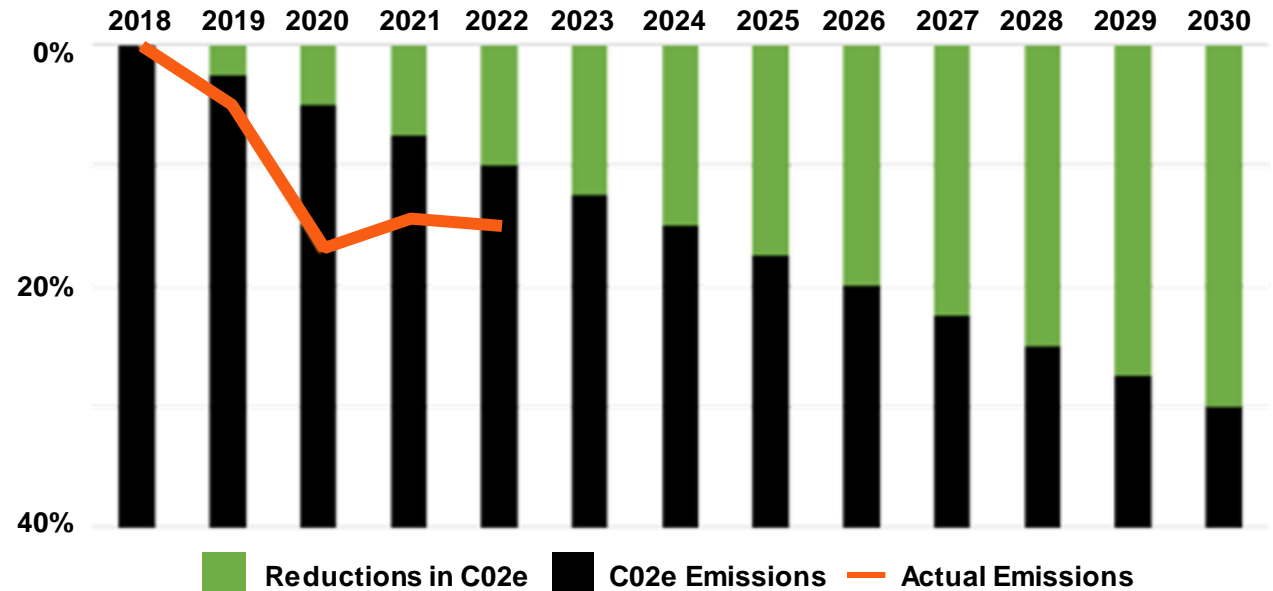


Leading the Way:

- Sustainable practices
- Next generation of locomotives
- Testing new technologies

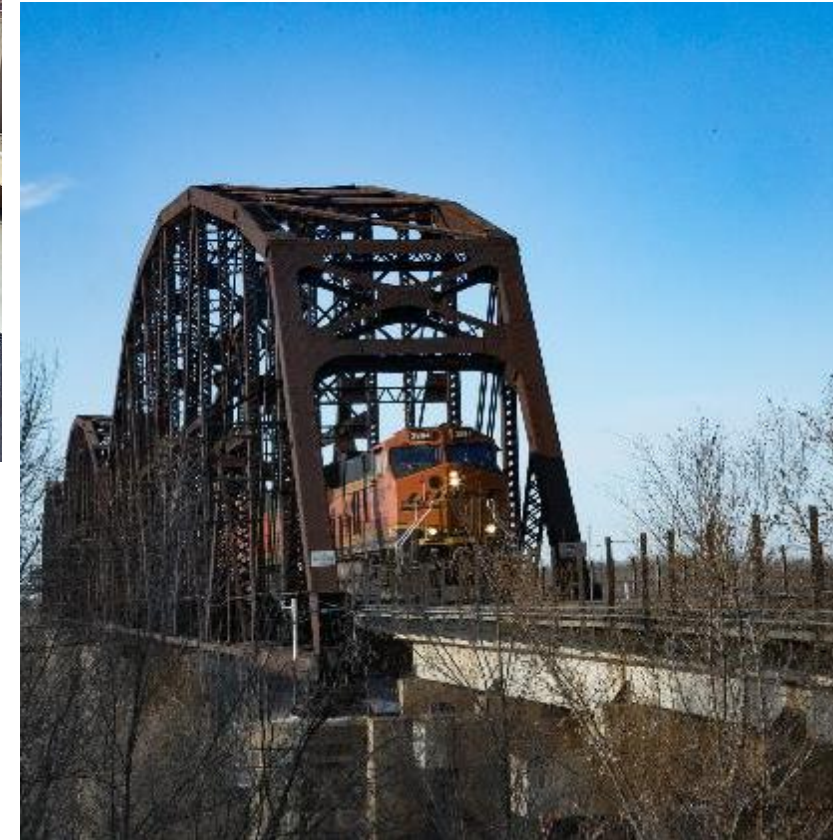
With these efforts and many more, BNSF is committed to reduce our emissions by 30% by 2030.

BNSF Emissions Reductions by Year



BNSF Bridge over the Missouri River at Bismarck, Mandan

- Condition-based replacement
- Construction began last spring
- Crews driving H pile for Piers 9 and 8 on the west side of the river
- Pier 7 construction in the river channel will start later this month
- Bnsfbismarckbridge.com





BNSF[®]
RAILWAY