

UNION PACIFIC CORPORATION



September 2023

Cautionary Information

This presentation and related materials contain statements about the Company's future that are not statements of historical fact, including specifically the statements regarding the Company's expectations with respect to economic conditions and demand levels, its ability to improve network performance (including those in response to increased traffic), its results of operations, and potential impacts of public health crises, including pandemics, epidemics or the outbreak of other contagious diseases, such as coronavirus and its variants (COVID), and the Russia-Ukraine conflict. These statements are, or will be, forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934. Forward-looking statements also generally include, without limitation, information or statements regarding: projections, predictions, expectations, estimates or forecasts as to the Company's and its subsidiaries' business, financial, and operational results, and future economic performance; and management's beliefs, expectations, goals, and objectives and other similar expressions concerning matters that are not historical facts.

Forward-looking statements should not be read as a guarantee of future performance or results, and will not necessarily be accurate indications of the times that, or by which, such performance or results will be achieved. Forward-looking information, including expectations regarding operational and financial improvements and the Company's future performance or results are subject to risks and uncertainties that could cause actual performance or results to differ materially from those expressed in the statement. Important factors, including risk factors, could affect the Company's and its subsidiaries' future results and could cause those results or other outcomes to differ materially from those expressed or implied in the forward-looking statements. Information regarding risk factors and other cautionary information are available in the Company's Annual Report on Form 10-K for 2022, which was filed with the SEC on February 10, 2023. The Company updates information regarding risk factors if circumstances require such updates in its periodic reports on Form 10-Q and its subsequent Annual Reports on Form 10-K (or such other reports that may be filed with the SEC).

Forward-looking statements speak only as of, and are based only upon information available on, the date the statements were made. The Company assumes no obligation to update forward-looking information to reflect actual results, changes in assumptions or changes in other factors affecting forward-looking information. If the Company does update one or more forward-looking statements, no inference should be drawn that the Company will make additional updates with respect thereto or with respect to other forward-looking statements. References to our website are provided for convenience and, therefore, information on or available through the website is not, and should not be deemed to be, incorporated by reference herein.



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BUILDING AMERICA

Union Pacific Investor PitchBook

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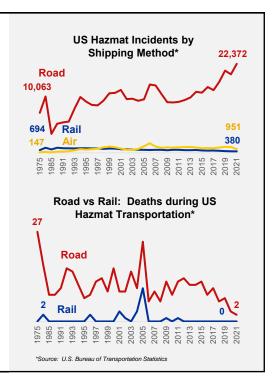




Rail – Safest Freight Transportation

- Lower employee injury rates than most major industries - trucking, airlines, mining, even grocery stores
 - Rails have reduced employee casualty rates by 63% since 2000, and 15% since 2013
- More than 99.9% of hazmat shipments arrive safely
- 16X more fatalities in road-related hazardous materials incidents vs rail from 1975 – 2021
- · Rails prioritize safety
 - Invested more than \$260K per mile of track on network improvements, or ~\$760B over the last 20 years
 - Wayside Detectors Installation, Al and Machine Learning Utilization, Automated Car & Track Inspection
 - Positive Train Control

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March Toward Zero Safety Incidents

- · Rail is the safest way to move freight over land
- Derailment prevention initiatives are fundamental to safe train operations at Union Pacific
 - State-of-the-art technology
 - Operating Practices Command Center
 - More than 7,000 wayside detection devices
- In March, the industry announced a set of key steps in our drive towards zero accidents
 - Wayside Detectors Spacing, Thresholds and Shared Trending Analysis
 - First Responder Training

June Year to Date UP Derailment Performance (Reportable Derailment Incidents Per Million Train Miles)

2.68

2.45

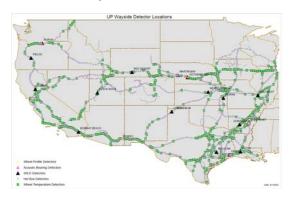
2022
2023

Derailment Prevention to Keep Safe, Reliable Service

- Approximately 7,000 wayside detection devices monitor the condition of freight cars & locomotives in real time
 - More than 16 million data points generated every day
 - Consist of electronic sensors installed along the tracks used to measure strain, temperature, acoustic signature and dimensions
 - Measured components include brakes, wheels, trucks and braking systems



UP Wayside Detector Locations



Types of Wayside Detectors:

- Hot Box Detectors
- Wheel Temperature Detectors
- Acoustic Bearing Detectors
- Wheel Impact Detectors
- · Wheel Profile Detectors
- Machine Vison Systems



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SERVE - OPERATIONS OVERVIEW

Five Key Railroad Resources









Line Capacity

Terminal Capacity

Locomotives

People

Freight Cars

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KEY RESOURCE: PEOPLE

Train, Engine & Yard Employees

TE&Y Employees	2022 Full-Year	2023 YTD*	
Training Graduates	~ 1,300	1,549	
Training Pipeline		387	

^{*} Through August 18, 2023

- Aggressive Hiring Program
 - Innovative Recruiting
 - Hiring Incentives
 - Employee Referral Program
- Quality of Life Improvement

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KEY RESOURCE: PEOPLE

Union Pacific Workforce Distribution

Mechanical (~5K):



- Maintains locomotives and rolling
- stock 100% shift work
- 11 holidays
- 1-5 weeks of vacation
- Up to 3 personal leave days
- RUIA + supplemental sickness benefits for up to 52 weeks

Train, Engine, & Yard (~14K):



- Operates and supports train
- 29% Scheduled Jobs / 71% Unscheduled Jobs
- 11 holidays scheduled jobs
- 1-5 weeks of vacation Up to 12 personal leave days
- · RUIA benefits for up to 26 weeks

Mechanical Management Maintenance of Way 25% Train, Engine & Yard 42%

Management (~6K):



11 holidays

disability

3-5 weeks of vacation Short-term and long-term

Other Union (~850):



- Performs clerical and supervisory roles
- Similar union benefits
- Up to 10-15 days sick leave for clerical craft

Maintenance of Way (~8K):



- · Maintains track infrastructure 60% Traveling Jobs / 40% HQ Jobs
- 11 holidays 1-5 weeks of vacation
- Up to 4 personal leave daysRUIA + supplemental sickness benefits for up to 52 weeks



Source: November 2022 monthly report of number of employees filed with Surface Transportation Board (EMP-UP-2022-NOV.xlsx (live.com).

Historic Agreements Drive Engagement and Productivity

1) Paid Sick Leave

- Employees receive more paid time off to take care of themselves and their families
- · Improves attractiveness of jobs

2) SMART-TD Crew Consist

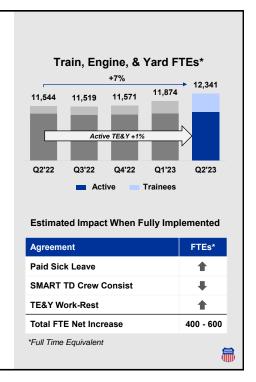
- Provides expedited path for brakepersons to become conductors and engineers
- Offsets short-term hiring demands and redeploys brakepersons

3) Train, Engine, & Yard (TE&Y) Work-Rest

- Enhances employee quality of life with more predictable schedules
- More predictable, available workforce increases efficiency while supporting consistent and reliable service

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KEY RESOURCE: LOCOMOTIVES

Improving Reliability and Reducing Emissions

Union Pacific and Wabtec Agree to New Locomotive Modernization Deal

- · Wabtec will modernize 600 locomotives
 - Agreement for more than \$1 Billion
- Deliveries of modernized locomotives will start in 2023 until completion in 2025
- Once modernized, each locomotive is expected to:
 - Reduce carbon emission by 350 tons per year
 - Improve fuel efficiency by 18%
 - Increase reliability by more than 80%
 - Increase haulage ability by more than 55%



SERVE - OPERATIONS OVERVIEW

Technology-Driven Growth, Efficiency & Productivity







Precision Gate Technology



Automated Wheel Change Out

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SERVE - OPERATIONS OVERVIEW

Driving Productivity By Expanding Terminal Automation

Mobile Terminal + Mobile NX

- Integrated work list inventory management and switch alignment for terminal classification process
- Handheld Clicker
 - Peripheral for the Zebra device to improve efficiency and environmental concerns for list/route advancement
- Smart Display Panel
 - 55" outdoor smart display for real-time visual feedback











Enhancing the Driver Experience – Intermodal Excellence

ALL AUTOMOTIVE
TRAFFIC & LOCAL
PROVING ASSISTANCE
PROVING ASSISTANCE
Ramp Signage

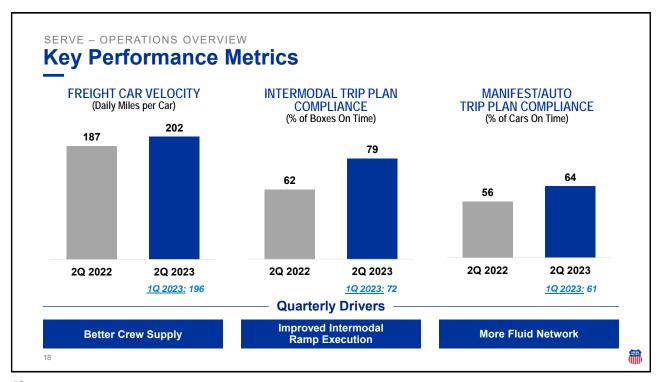
New Gate
Technology

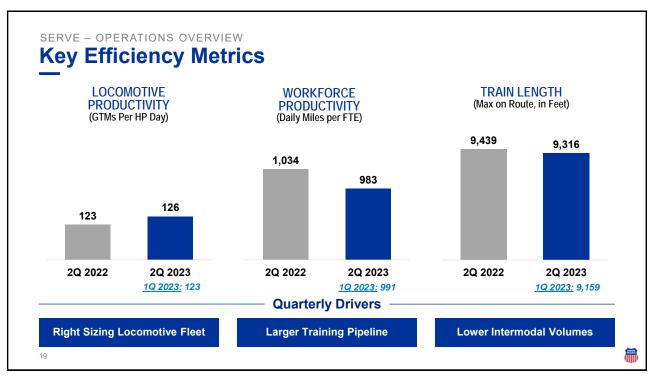
New Gate
Technology

Driver Maps

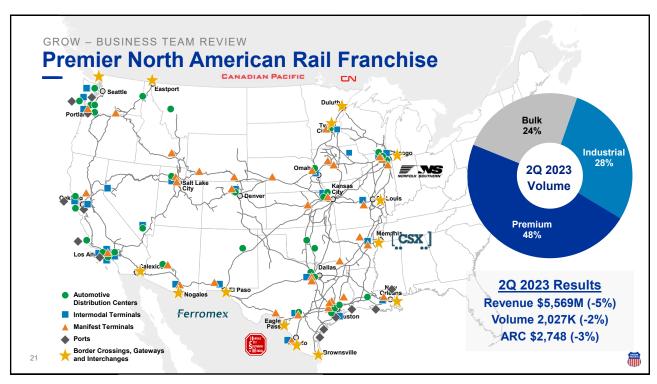
Driver Maps

Digital
Tutorials









GROW - BUSINESS TEAM REVIEW

Pricing Fundamentals

- Lower cost structure from PSR allows UP to be more competitive in the market
- Balanced portfolio provides flexibility for repricing as value grows
- Price to market and service value
 - Committed to achieving pricing dollars in excess of inflation dollars

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GROW - BUSINESS TEAM REVIEW

Economic Indicators







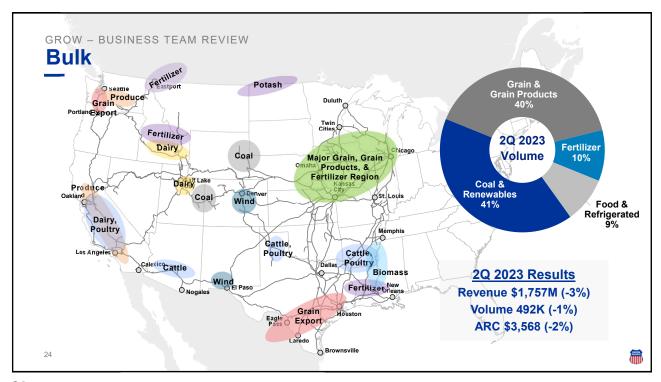


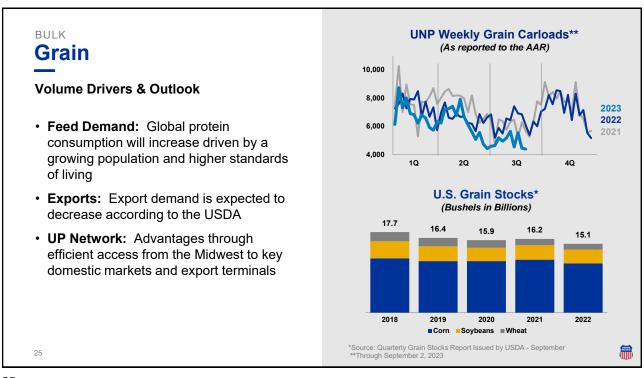


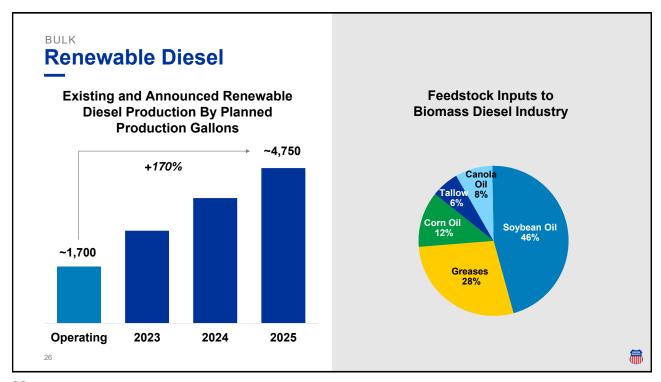


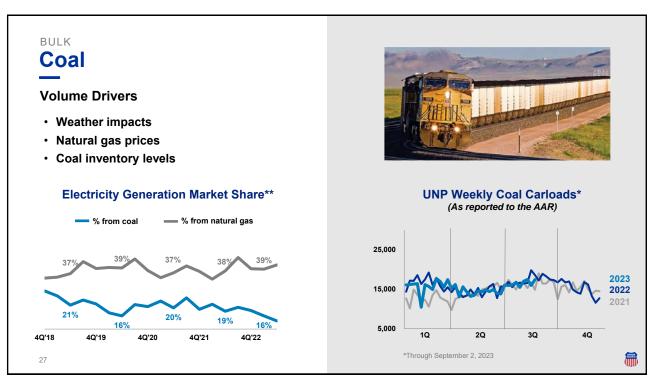
	Industrial Production	GDP	Housing Starts (MM)	Light Vehicle Sales (MM)	Imports of Goods	Exports of Goods
2022	3.4%	2.1%	1.55	13.8	8.1%	7.1%
2023	(0.1%)	2.2%	1.42	15.4	(2.2%)	2.5%
2024	(1.0%)	1.4%	1.39	15.7	4.4%	4.4%

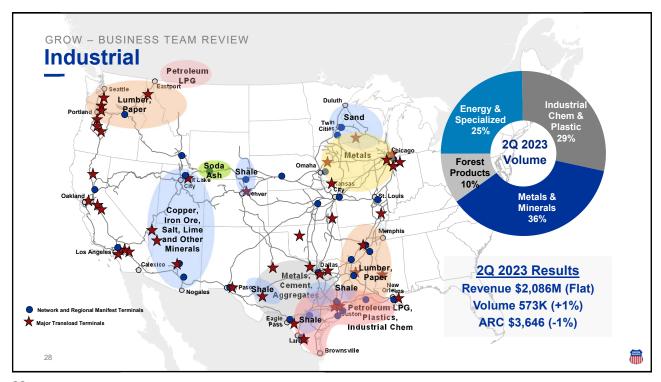
Source: IHS Markit U.S. Economic Outlook, August 2023

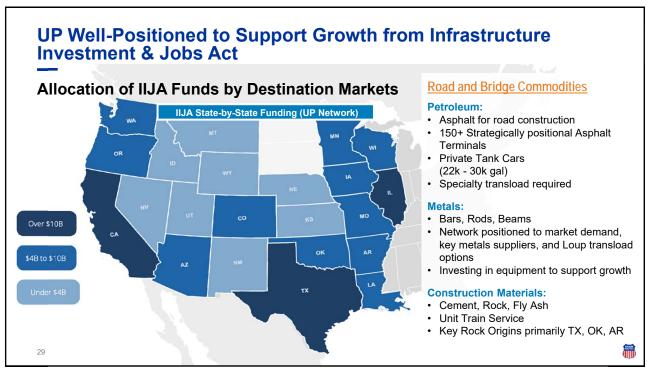


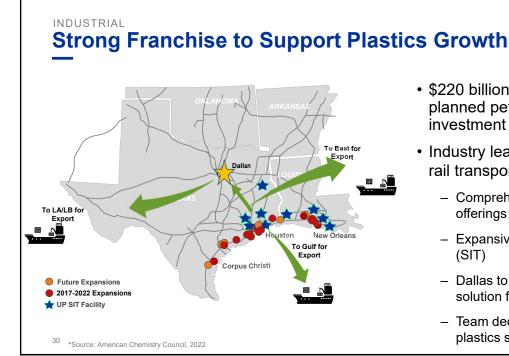












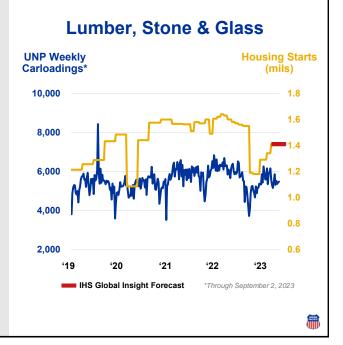
- \$220 billion completed and planned petrochemical investment in Gulf
- Industry leader in plastics rail transportation
 - Comprehensive product offerings & service excellence
 - Expansive Storage in Transit (SIT)
 - Dallas to Dock service solution for export optionality
 - Team dedicated to supporting plastics sustainability



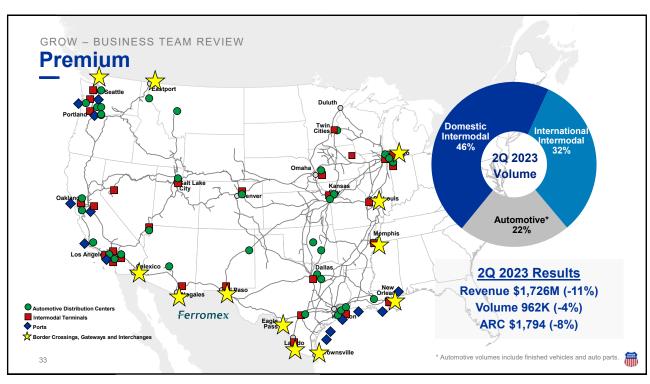
INDUSTRIAL Metals **UNP Metallic Ores & Metals Carloads*** (As reported to the AAR) 60,000 55,000 50,000 45.000 · UP metals markets positioned for growth 40,000 · New, efficient production locating on UP 35.000 • Growth from pipeline projects driven by high energy prices · Investing in freight cars to support growth 2018 2019 2020 2021 *Quarterly results shown as based on AAR weekly reported carloading data through 1Q 2023 (Week 13)

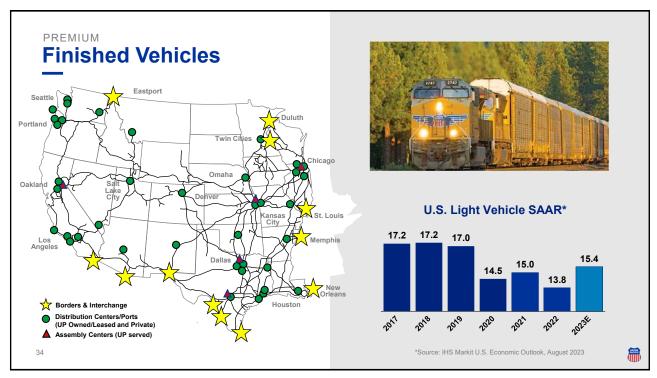
Housing Trends

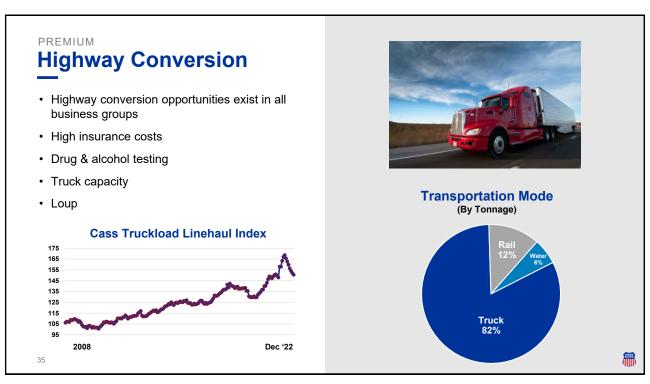
- UP lumber, stone & glass business correlates with housing starts
- Housing also drives appliances, roofing, rebar, aggregates, and cement demand
- Housing related shipments represent ~5 % of current UP volumes



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PREMIUM

Delivering Competitive Intermodal Solutions

Port Houston On-Dock

- Provides more optionality for ocean carriers & BCOs
- On-dock operation saves time by eliminating need for dray carrier



- Best-In-Class Mexico-US-Canada service
- Unbeatable schedule between Mexico's border and Chicago



- Shortest route from Monterrey and the border to Chicago
- Consistent service and truck competitive reliability

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PREMILIN

Growing with Intent

A Tale of Two Opportunities



Twin Cities Intermodal Terminal
Twin Cities, Minnesota



Inland Empire Intermodal Terminal Colton, California

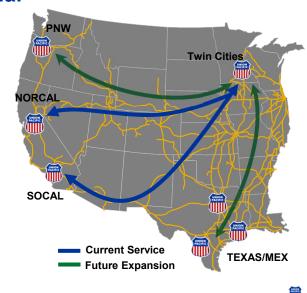


PREMIUM

Twin Cities Intermodal Terminal

Expanding Market Reach for Growth

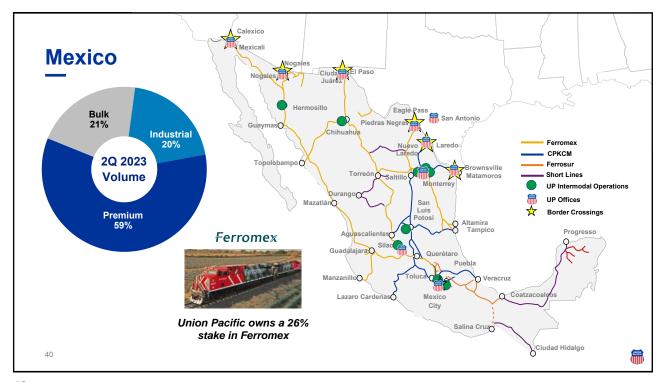
- Opened pop-up Twin Cities Intermodal Terminal in January 2021
- Located in heart of the Twin Cities metropolitan area
- Gives customers in the Twin Cities metro efficient access to Union Pacific's intermodal network
- · Capable of 100,000 annual lifts

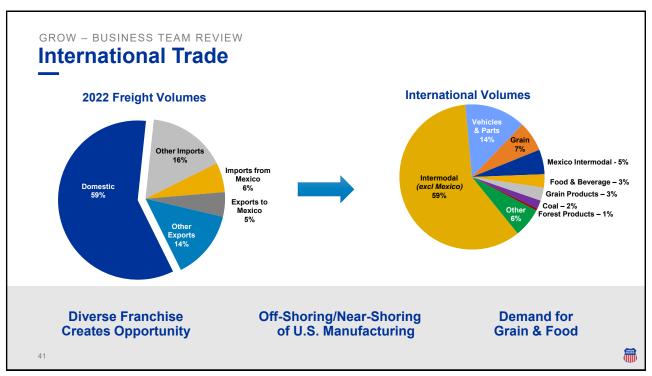


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Inland Empire Intermodal Terminal Expanding Our Footprint to Capture New Markets • Inland Empire is the fastest growth region in California 2 million imports (in cargo capacity units) trucked annually to Inland Inland Existing UP Intermodal **Empire** Inland Empire **Empire** Terminals Region • Estimated ~15 million truckloads of long and short haul freight Increased our footprint in 2022 and expanding in future years Initial service offering to/from Chicago · Additional markets to be added throughout the full build Port of Long









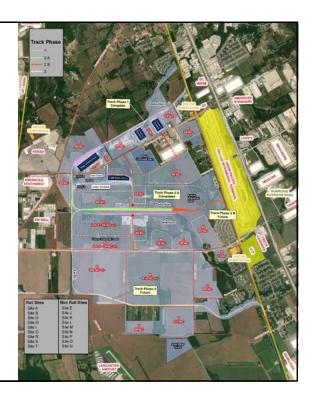


GROW - BUSINESS TEAM REVIEW

Prime Pointe Industrial Park

Hutchins, TX (12 miles south of Dallas)

- 3,000-acre site for premier rail service
- Close proximity to Interstates 45, 20, 30 and 35
- Adjacent to UP's Dallas Intermodal Terminal
- Rail-served sites for manufacturing and distribution along with refrigerated/cold storage
- Shovel ready sites increasing customers speed to market



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GROW - BUSINESS TEAM REVIEW

Global IV Grain Transload

- Union Pacific grain facility operated by JCT, 50/50 joint venture between Consolidated Grain and Barge and Gavilon Grain
- Competitive Joliet area transload with on site containerization
- Converting empty containers to loaded westbound exports from Chicago
- Aligns international service product to be more competitive







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Second Half 2023 Volume Outlook

Bulk



Coal

Grain

Biofuels

Industrial



Industrial Production

Forest Products

Metals

Construction

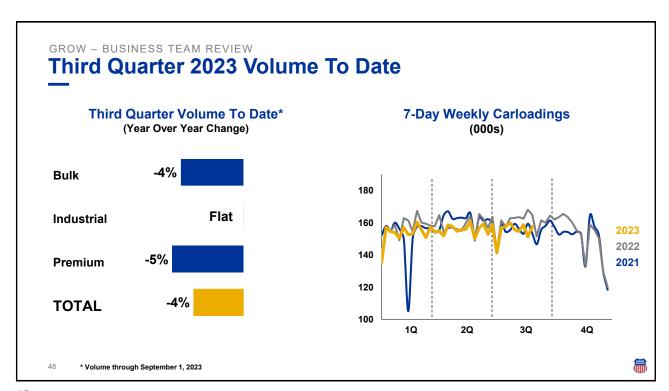
Premium



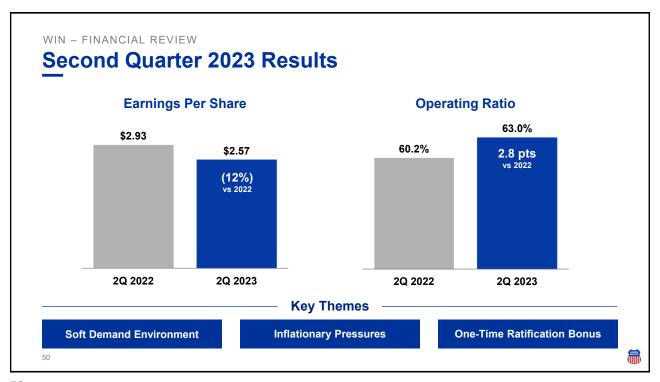
Domestic Intermodal

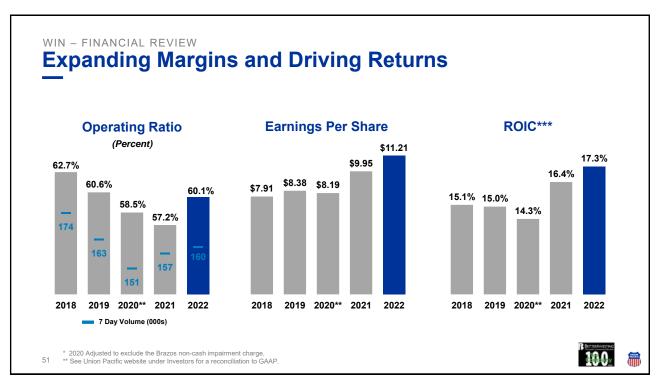
International Intermodal

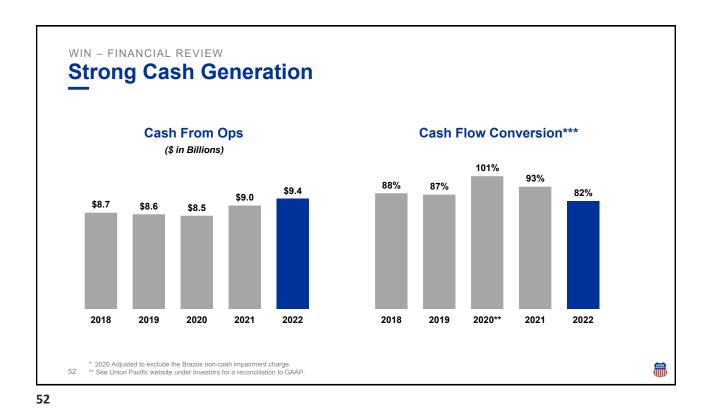
Automotive

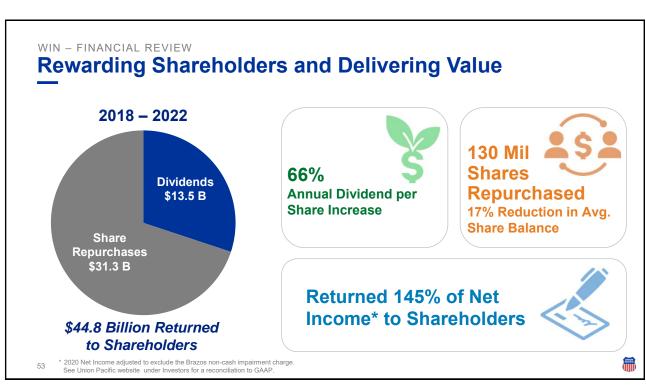


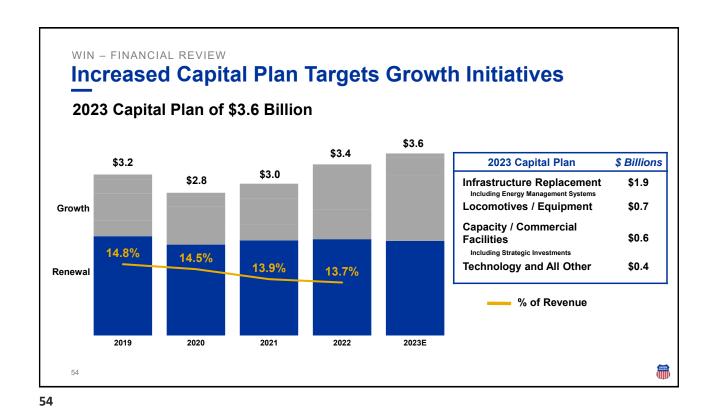












2023 Capital Spending Plan
\$ in Millions

Repurposing for Growth: Turning Brown to Green
Global II

Sa.6 Billion

Fechnology and Other \$4.50

Locometries and Frieght Cars \$5.40

Capacity & Commercial Facilities \$5.885

Commercial Facilities Intermodal Terminal

Twin Cities Intermodal Terminal

2023 Outlook Pressured by Challenging Demand and Cost Environment

- Consumer-Related Volumes Likely Drive Full Year Volume Expectations Below Industrial Production
- Pricing Dollars in Excess of Inflation Dollars
- Forecasting \$50 to \$70 million in Labor Expense from New Agreements in Second Half of 2023
- 2023 Capital Allocation:
 - Capital Plan of \$3.6 Billion
 - Maintain Dividend of \$1.30 per Quarter
 - No Further 2023 Share Repurchases Planned



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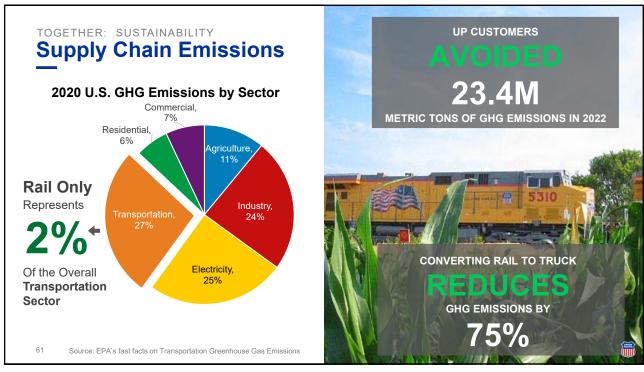
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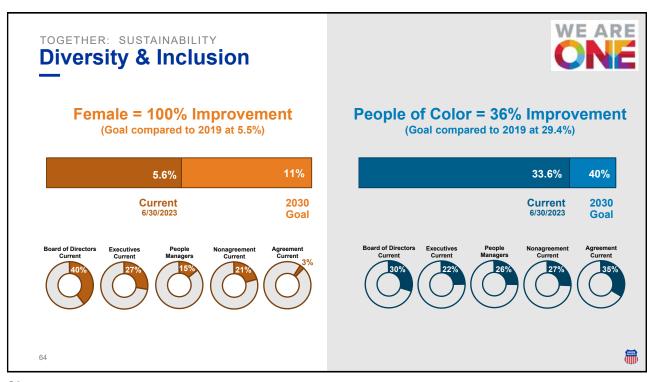












TOGETHER: SUSTAINABILITY

Expanding Educational Opportunities

- Innovative partnership with the University of Nebraska at Omaha
- Reimburse employees 100% of tuition* for classes to earn an undergraduate or graduate degree, or a certification program directly related to the employee's job



*Up to a maximum of \$5,250 per calendar year



COMMUNITIES **Strengthening Our Communities Investments Where We Work and Live Community Spaces Workforce Development 5.8M** \$3.6M 283,230 Career-related class/program 206 Community buildings built or enhanced \$24.1M hours delivered 466 Parks/greenspaces 38,141 Individuals trained in job skills created or enhanced **Community Investment** 526 Public space "clean-ups" 7,319 Job placements made 2,500 Organizations Reached Safety **Matching Gifts** \$2.8M ***9*** \$2.7M **Local Community Support** 244,560 Individuals trained in safety proce \$9.2M 🚑 24,199 Safety-related class/program hours deliv-322 Emergency response equipment procured 45M Individuals served 10,506 Personal safety equipment distributed to citizens

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14M From underserved populations

Board Composition and Governance Highlights







- Commitment to Board Refreshment
- Average Board Tenure of 6.7 Years
- Active Lead Independent Director
- Board Strategic Oversight and Review of Enterprise Risk Management
- Four Fully Independent Board Committees

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