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; its ability to generate financial returns, improve resource productivity and use innovation to enhance customer experience; implementing corporate strategies; and providing excellent service to its customers and returns to its shareholders. These statements are, or will be, forward-looking statements as defined by the Securities Act of 1933 and 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 2017, which was filed with the SEC on February 9, 2018. 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.
2017 Full Year Results

**Earnings Per Share**

- **2016 Adjusted**: $5.07  
- **2017 Adjusted**: $5.79  
- **2017 Reported**: $13.36  

**Operating Ratio**

- **2016 Adjusted**: 63.5%  
- **2017 Adjusted**: 63.0%  
- **2017 Reported**: 62.0%  

*Adjusted to exclude the impact of Corporate Tax Reform. See Union Pacific website under Investors for a reconciliation to GAAP.*

2017 Key Drivers

**Overall Volume Up 2%**

**Price $ Exceeded Inflation $**

**Productivity Initiatives:**

- **Network and Train Ops**
  - TE&Y / Train length / Intermodal & Premium Ops / Joint facility

- **Equipment (Loco and Car)**
  - Active fleet / Car repair / Equip rental costs

- **Other Ops, Support, Sourcing and Safety**
  - Engineering / Fuel conservation / Admin / Supply Chain / Sourcing / Safety performance

**2017 Results: $345 M**

($ in millions)

<table>
<thead>
<tr>
<th>1Q17</th>
<th>2Q17</th>
<th>3Q17</th>
<th>4Q17</th>
</tr>
</thead>
<tbody>
<tr>
<td>$36</td>
<td>$21</td>
<td>$15</td>
<td>$20</td>
</tr>
<tr>
<td>$22</td>
<td>$53</td>
<td>$50</td>
<td></td>
</tr>
<tr>
<td>$32</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**New Commodity Group Mapping**

<table>
<thead>
<tr>
<th>Agricultural Products</th>
<th>Energy</th>
<th>Industrial</th>
<th>Premium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grain</td>
<td>PRB Coal</td>
<td>Construction</td>
<td>Dom Intermodal</td>
</tr>
<tr>
<td>Grain Products</td>
<td>Other Coal</td>
<td>Industrial Chem</td>
<td>Int'l Intermodal</td>
</tr>
<tr>
<td>Food &amp; Beverage</td>
<td>Frac Sand</td>
<td>Plastics</td>
<td>Finished Vehicles</td>
</tr>
<tr>
<td>Fertilizer</td>
<td>Petroleum &amp; LPG</td>
<td>Forest Products</td>
<td>AUTO Parts</td>
</tr>
<tr>
<td></td>
<td>Renewables</td>
<td>Specialized</td>
<td>Metals &amp; Ores</td>
</tr>
</tbody>
</table>

**2018 Business Trends**

**7-Day Monthly Carloadings (000s)**

**2018 1QTD Volumes* (vs 2017)**

- **Agricultural Products**: -3%
- **Premium**: -2%
- **Industrial**: +1%
- **Energy**: +2%
- **TOTAL**: -1%

*Through February 4, 2018
Agricultural Products

2017 Volume Mix

- High Global Supplies
- Ethanol Export Demand
- Growth in Food & Refrigerated

**Through February 3, 2018

UNP Weekly Grain Carloads*
(As reported to the AAR)

U.S. Grain Stocks**
(Bushels in Billions)

Energy

UNP Weekly Coal Carloads*
(As reported to the AAR)

Frac Sand Volume**
(By Shale, 000s)

Crude Oil Volume (000s)

- Strength in Frac Sand
- Coal Inventory Levels
- Weather is a Key Factor of Coal Demand

*Through February 3, 2018
**Includes Barites

Through February 3, 2018
Industrial

UNP Monthly Volumes

- Stable Volumes in 2018
- Anticipated Strength in Rock, Cement and Plastics

Premium

UNP Monthly Intermodal Volume

- Tightening Truck Market
- Over the Road Conversions
- Auto Production Shifts

*Source: January 2018 IHS Global Insight forecast
UP Positioned for Mexico Growth

Network Performance

- PTC Implementation & Testing
- Transportation Plan Opportunities
**Strengthening the Franchise**

*Replacement, Growth & Productivity, and PTC*

2018 Capital Plan: ~$3.3 Billion

- **$ in Millions**
  - Locomotives/Equipment $460
  - Technology/Other $240
  - Capacity/Commercial Facilities $445
  - PTC $160
  - Infrastructure Replacement $1,970

- **~60 New Locomotives**
- **~700 Freight Cars**
- **Positive Train Control**
- **Capacity Investments**
  - Brazos Yard

---

**Cash Flow & Debt**

- **$ In Millions**

  **Cash From Ops**

  - 2016: $7,525
  - 2017: $7,230

  **ROIC**

  - 2016: 12.7%
  - 2017*: 13.7%

  **Adjusted Debt**

  - 12/31/13: $12,751
  - 12/31/14: $14,838
  - 12/31/15: $17,390
  - 12/31/16: $17,878
  - 12/31/17: $19,480

- **Higher Net Income**
- **2016 Bonus Depreciation Benefit**
- **Improved ROIC**
- **Increased Adj. Debt**
  - ~$1.6 Billion since 2016 Year-End

* Adjusted to exclude the impact of Corporate Tax Reform
** See Union Pacific website under Investors for a reconciliation to GAAP
Delivering Value to Shareholders

$ In Millions

<table>
<thead>
<tr>
<th>Dividends</th>
<th>Share Repurchases</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>2017</td>
</tr>
<tr>
<td>$1,879</td>
<td>$1,982</td>
</tr>
<tr>
<td>2016</td>
<td>2017*</td>
</tr>
<tr>
<td>$3,105</td>
<td>$4,013</td>
</tr>
</tbody>
</table>

- Repurchased 36.4 Million Shares Totaling Over $4 Billion in 2017
  - Increased 29% from 2016
  - ~32% of Outstanding Shares Since 2007
- 2017 Cash Returns to Shareholders: 129% of Adjusted Net Income

**Cash Returned to Shareholders ($ in Billions)**

<table>
<thead>
<tr>
<th>12/31/2014</th>
<th>2016</th>
<th>12/31/2015</th>
<th>2017*</th>
</tr>
</thead>
<tbody>
<tr>
<td>$4.9</td>
<td>$5.8</td>
<td>$5.0</td>
<td>$6.0</td>
</tr>
</tbody>
</table>

- Increased 122% in 2017
- Increased 118% in 2017
- 129% Cash Returned as % of Net Income

* Adjusted to exclude the 2017 impact of Corporate Tax Reform

Impacts from Tax Reform in 2018

- **Taxes and Cash Flow**
  - Income Tax Rate: ~25%
  - Cash Tax Rate: 17% to 18%
  - Cash Flow: +$1 Billion
- **Capital Allocation**
  - Capital Spending: 6% Increase to $3.3 Billion
  - Dividends: 10% Increase in 1Q18
  - Share Repurchases: Up vs 2017
A Look Ahead to 2018

• 1Q and Full-Year Volume Up Low Single Digits
• Pricing Benefits Will Exceed Rail Inflation Dollars
• Labor and Overall Inflation Under 2%
• $300 to $350 Million of Productivity
• Re-Evaluate Optimal Capital Structure

Operating Ratio (%)

2017  2019 Target  Realizing 55

63.0  60 +/-  55

Improved OR in 2018