



Lindsey Douglas-Director Public Affairs-KS & MO





Building America for more than 150 Years





2014 Fast Facts

Revenue: **\$24.0 B**

Route Miles: 32,000 in 23 States

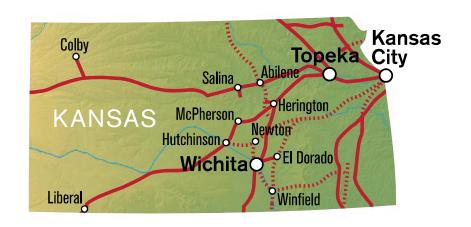
Employees: **47,200**

Annual Payroll: \$4.6 B

Customers: 10,000

Locomotives: 8,500





2014 Union Pacific in Kansas

Miles of Track: 2,203

Annual Payroll: \$149.3 M

In-State Purchases: \$344.5 M

Capital Investment: \$136.7 M

Employees: 1,532

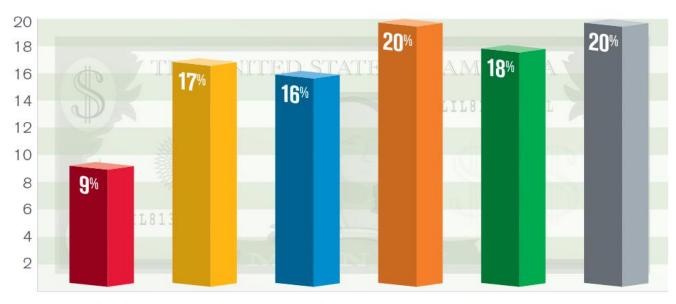
U.S. Jobs Supported: 6,894

Charitable Organizations: 83

2014 Business Mix

by Freight Revenue \$22.6 Billion





Percentage of \$22.6 Billion Freight Revenue













Auto

Agriculture

Chemical

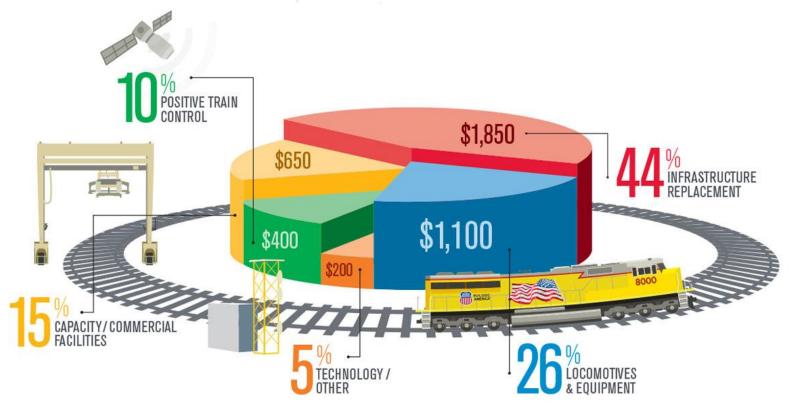
Industrial

Coal

Intermodal

Strengthening the Franchise ~\$4.2 Billion 2015 Capital Plan*





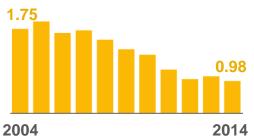
Safety is Top Priority





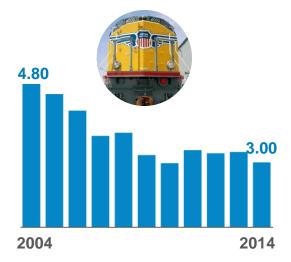






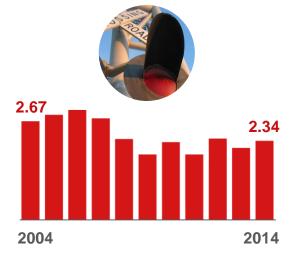
Reportable Injuries
Per 200,000 Employee Hours

+38%
DERAILMENT



Reportable Derailments
Per Million Train Miles

112% PUBLIC



Grade Crossing Accidents
Per Million Train Miles



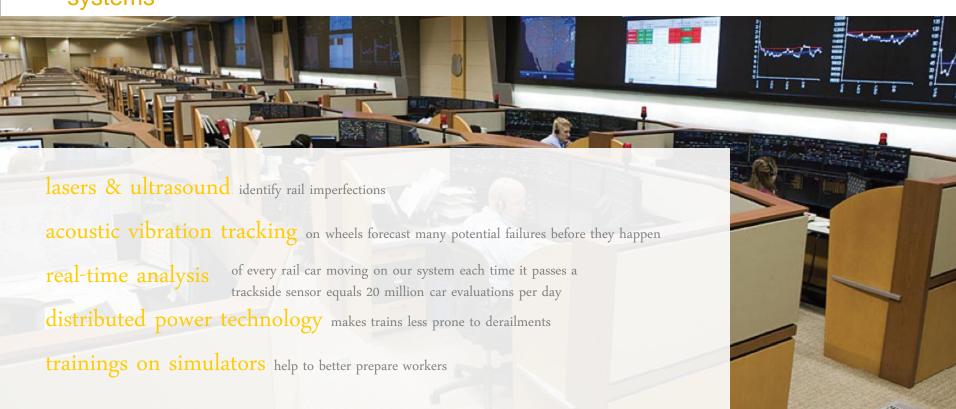


VEHICLE-TRAIN COLLISIONS CUT IN

1/2 OVER THE PAST 20 YEARS

How is Union Pacific using technology to enhance safety?We are constantly improving our

systems



UPRR Bridge Inspection Program

- UNION
- Rail bridges span canyons, rivers, roads and other geographic features to help us efficiently deliver freight
- Nearly 600 bridge maintenance and inspection professionals perform 38,000 inspections per year to ensure the safety and structural integrity of bridges

More than 95 percent of UP's bridges are inspected a minimum of twice appually.

minimum of twice annually



UPRR Bridge Inspection Program Structures Assessment Team



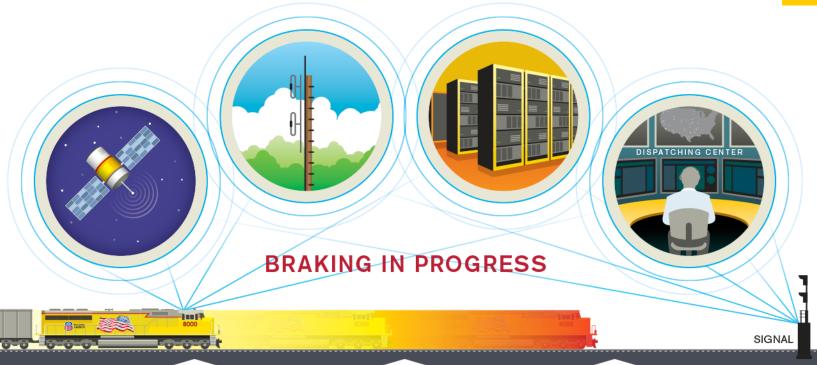
- Full time teams work on bridge program
- Snooper trucks (hyrail access truck) used for inspections





PTC: How it Works





PTC Installation

An unprecedented undertaking

- 6,500 locomotives
- 20,000 route miles
- 10,000 wayside antennas
- 6,500 locomotive radios



UNION PACIFIC'S PTC INVESTMENT







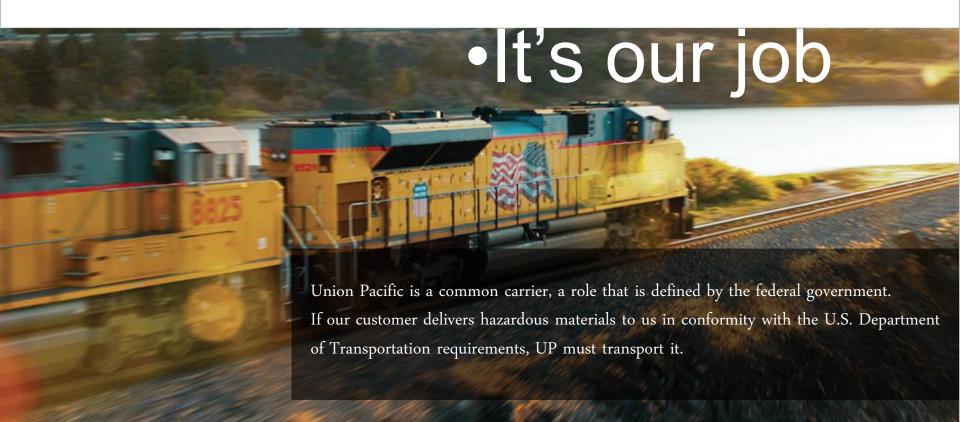
Hazardous Materials Management

Benjamin Salo & Lane Sekavec



Why do we haul hazardous materials? (crude, chlorine, etc.)









RAILROADS HAVE

20 X FEWER HAZMAT INCIDENTS THAN TRUCKS





Our Message is for Everyone

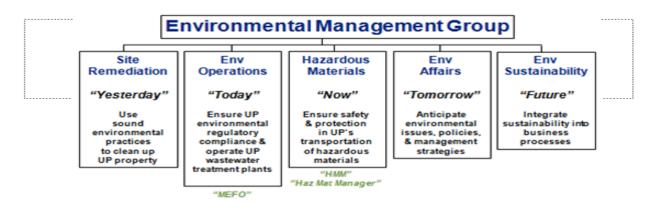
"The best time to make friends is before you need them"

Union Pacific - Environmental Management System



At Union Pacific Railroad, we are committed to protection of human health, regulatory compliance, pollution prevention and continuous improvement of environmental performance.

Organizational Approach



UPRR Hazardous Materials ManagementOur Mission



The Hazardous Materials Management Group (HMM)

- HMM is responsible for compliance with the DOT's Hazardous Materials regulations by continuously monitoring the ever changing regulatory climate.
- PHMM aggressively works to prevent hazardous materials releases, actively prepares for response activities, responds as necessary, and works across all departments to recover.

UPRR Hazardous Materials Management

Our Mission

- Prevention Prevent releases of hazardous materials in transportation.
- Preparedness Develop internal and external assets for response and recovery.
- Response Emergency response to releases to protect health minimize impact and stabilize the incident.
- Recovery Progress incident to normal operations and to the point where closure work can begin.



Prevention





Inspections

- Tank car
- •Train
- Crew audits

Training

- Employees
- Customers

Continuous Improvement

- Industry committees
- •Equipment design improvements

Preparedness





Mobile Training
Trailers. On Site
availability

Training Tank
Cars. Schedule for large events, has a classroom box car accompanying.



Response Plans

- •HMERP
- •Community-Rightto-Know (Tier II)
- •OPA-90

Training

- Public Responders
- Employees
- Private/Industry

Drills/Exercises

Commodity Flow Data

















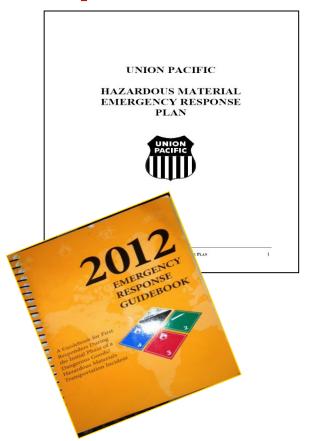






Preparedness - HMERP



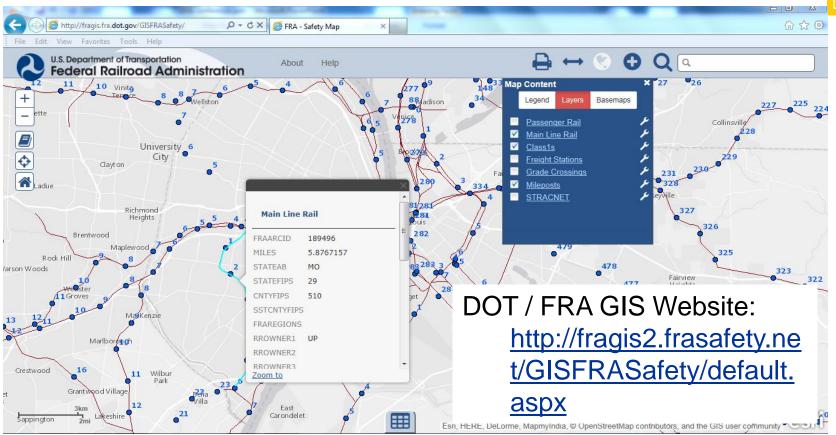


To guide our actions: Hazardous Materials Emergency Response Plan (HMERP)

- Company level plan
- Employee responsibilities
- Incident command system (NIMS) and responsibilities
- Emergency response personnel roles, responsibilities & training
- Other actions

DOT / FRA GIS Website





Response





Safety

- Employees
- Community

Coordination of Responders

- Public Responders (IC)
- Regulatory AgenciesSpecialized Contractors

Response Duties

- Analyze the problem
- Plan the response
- Implement plan
- Evaluate & adjust





Union Pacific Hazardous Material Response Network

- Hazardous MaterialsManagers
- Manager SiteRemediation
- ★Special Agent HazMat

Response – "It all starts here!"





For Emergencies Dealing with:

- Criminal Activities
- Crossing Accidents/Accidents, Not at Crossings
- Derailments
- Fires
- Hazardous Material Spills/Environmental Incidents
- Injured Parties/Fatalities
- Track Obstructions

Response Management Communication Center (RMCC) 888-877-7267







- They are staffed 24 hrs/day.
- They make reports/calls to CHEMTREC®, National Response Center and shippers.
- They make mandatory notifications to state and federal agencies.

Response AssetsUPRR Hazmat Response Assets







Omaha, NE Chicago, IL Colton, CA El Paso, TX Fort Worth, TX Little Rock, AR North Platte, NE Portland, OR Roseville, CA Salt Lake City, UT St. Louis, MO Tulsa, OK



Response

Assets : Emergency Response Contractors





- Tactical response
- Wrecking operations
- Environmental remediation
- Advanced air monitoring CTEH







Response Assets

Contractor Air Monitoring Program

Recovery



Product/Container Fate

Product Removal/Transfer

Container

decontamination/cleaning

Incident Termination

Debriefing

Post Incident Analysis (PIA)

Critique

Required Reporting

Site Remediation Restoration







UPRR Recovery Assets

Transfer Trucks/Trailers



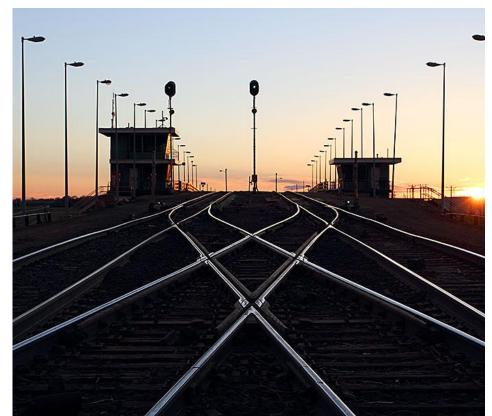


- Colton, CA Trailer
- North Little Rock, AR— Truck
- North Platte, NE Trailer
- Portland, OR Trailer
- Roseville, CA Trailer
- Salt Lake City Truck

UPRR's Hazardous Materials ManagementReview



- Prevention Prevent releases of hazardous materials in transportation.
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Questions?





Thank You!

