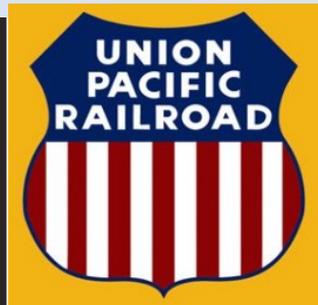


RICA 2023 Clearance Panel

Indianapolis, IN





NORFOLK SOUTHERN®

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PACIFIC
RAILROAD**



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Table of Contents

CEO Joe Hinrichs – Why this matters – Personal experience as a Railroad Customer Team

- Erin Boyle, Ben Stone/Jake Vetsch, Jowell Olson, Jeremy Smith

Issues/Challenges

- Track centers and conflicting movements
- Trackages – Defining control points
- Interchange
 - Dwell, billing, empty movement(buffer/heavy duties)
- Loading/Unloading location
 - Track ownership, condition, inspection, special switch
 - Clearance Bureau handles all communications with local teams on the proposal side as well as live load.

Technology

AMTRAK®



RICA convention Indianapolis 2023





HIGHLIGHT TOPICS

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Topic One: New Amtrak Clearance Group Email
Clearance@Amtrak.com

Topic Two: New Clearance Directive Form
Internal Developed

Topic Three: Catenary Measurement System
Carry Over From Past Work

Topic Four: New Structure Gauging System
Cordel | DGuage

Topic Five: General Topics

○

Clearance@Amtrak.com

Group access for overlapping support
Monitor incoming and outgoing email
Consolidate Multi-Division Clearance Notices

-

Internally Developed

Easier Data Base Archival

Clearer, More Detailed Data for Dispatching

Provide More Timely Reply From Transportation

Provides Positive Receipt of Clearance Form



Clearance for Movement of Equipment

Issuing Authority	Thomas McNasby Jr	Date	2023-06-08
Clearance for Equipment Operating on	MAIN LINE-PHILADELPHIA TO HARRISBURG (PH)		
Origin	W&N Jct	Destination	Lancaster, PA (Cork Int)
Equipment Dimension	1	Division	Wilmington

Equipment Details
EQUIPMENT NUMBER(S) : UMP 63040, 63032, HEIGHT : 6'0, WIDTH : 10'6 EQUIPMENT NUMBER(S) : BVRY 63013, HEIGHT : 6'0, WIDTH : 10'6

Equipment Description
W&N move

Equipment Restrictions	No Restrictions
Restrictions	
Speed Restriction	No
Speed Restriction	
Must Adjacent Tracks Be Clear	No
Adjacent tracks must be clear between	

Movement Authorization Details (When interlocking name is used, it includes the entire interlocking, unless otherwise noted within the "Additional Notes" section)	
W&N JCT TO CORK INT On Track - ALL	

Additional Notes

This form provides authorization and guidance from Amtrak Clearance Department to Movement Office personnel when equipment on Amtrak Controlled Territory is not specified within Timetables and Special Instructions. When restrictions to equipment are specified, train dispatchers are required to adhere to all instructions contained within this document and afford the necessary protection using blocking devices and other applicable rules and instructions. Dispatchers, Engineers, Pilots, and on-track equipment operators must comply with the requirements of this document and use components of Crew Resource Management and Sterile Operations.

See NORAC Rules 119 & 132 and NEC Special Instructions 4-51, 4-52, 4-53, 4-54, 34-54 & 37-55.
If there is any question regarding the applicability of the contents of this form or the associated operating rules, do not authorize movements until clarification is provided by Amtrak Clearances or Amtrak Operating Practices.



Approvals

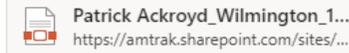
Approval request details



Approved

Clearance for Movement of Equipment Form Approval

2 Attachments



Final status: Approved

HP No response
Held, Patrick, Foley, Joseph B, Phl PhlCetcAsstChiefH, Dubinsky, Gregg, McGee, Francis J, Phl PhlCetcAsstChiefI, May, David, Monaghan, Jesse

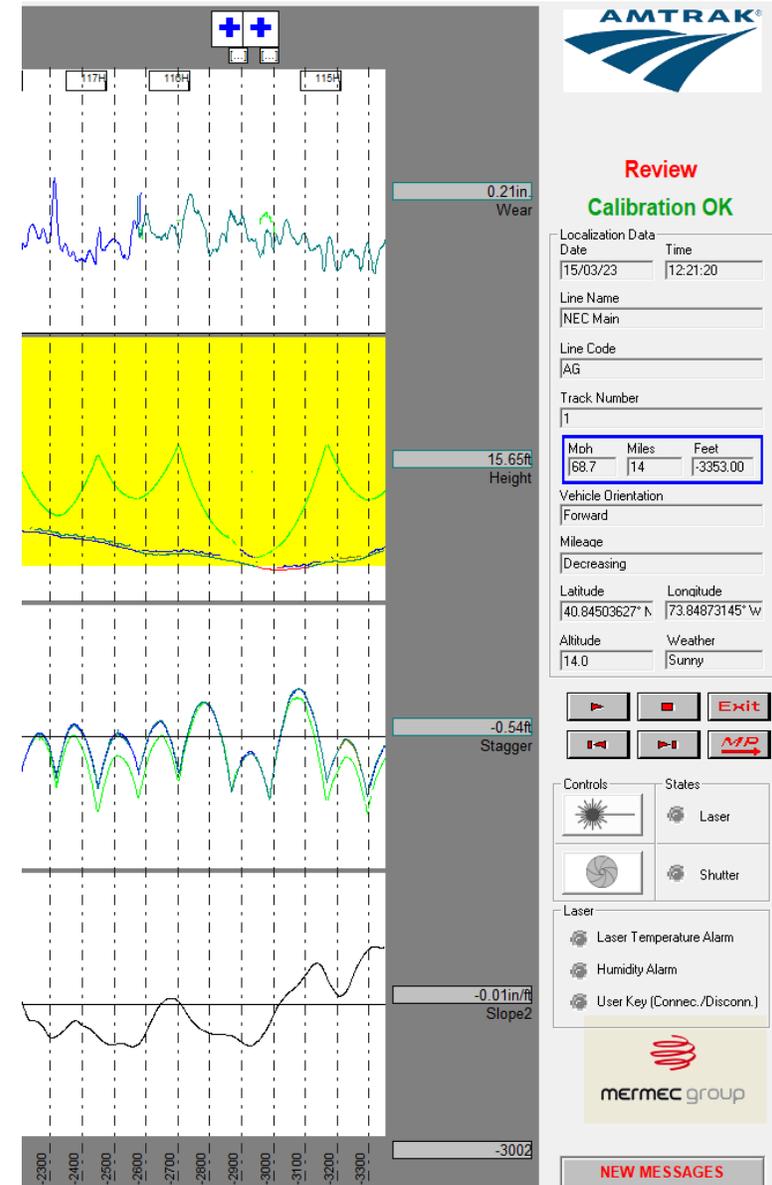
CJ Approved by
Cavanaugh, Joseph 6/12/2023 8:36:10 AM

AP Requested by
Ackroyd, Patrick 6/12/2023 8:34:51 AM

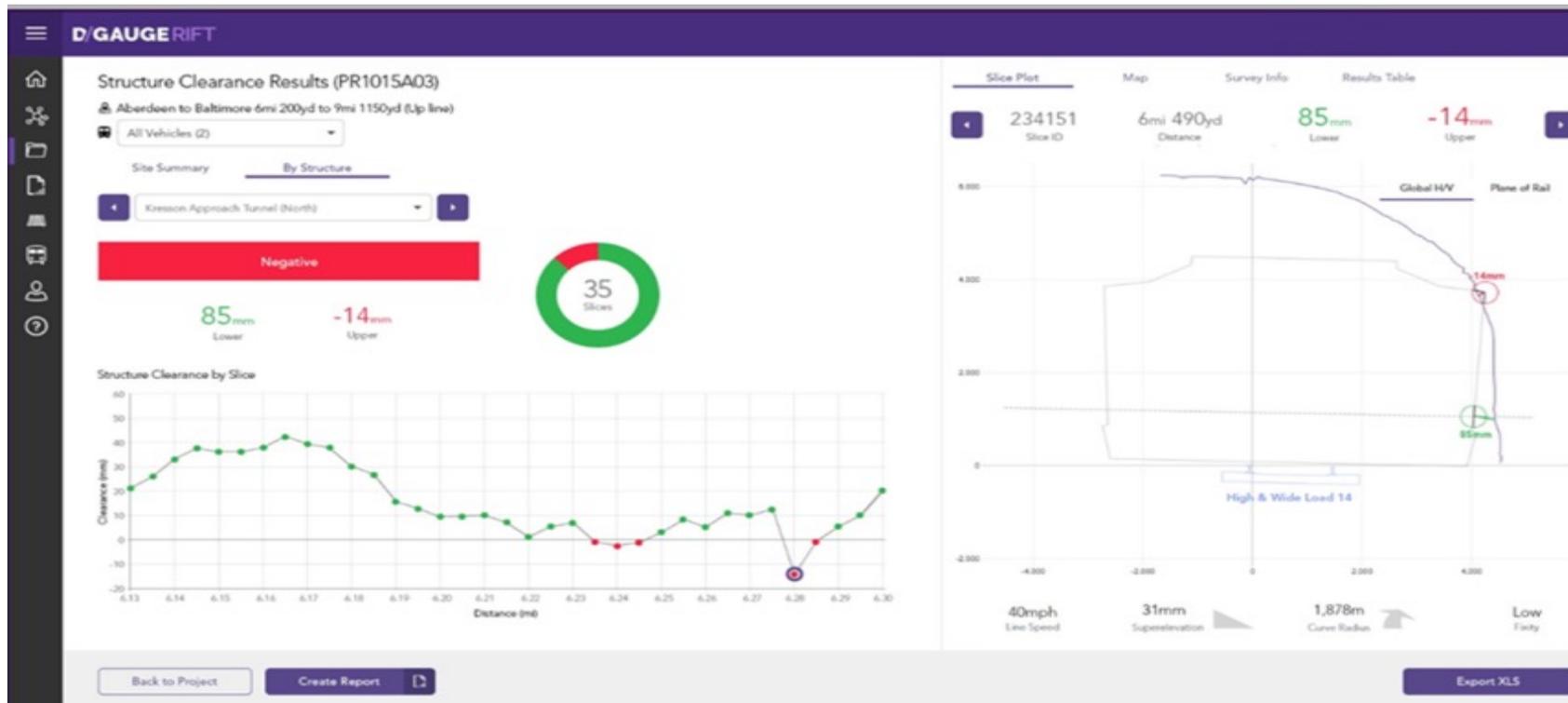
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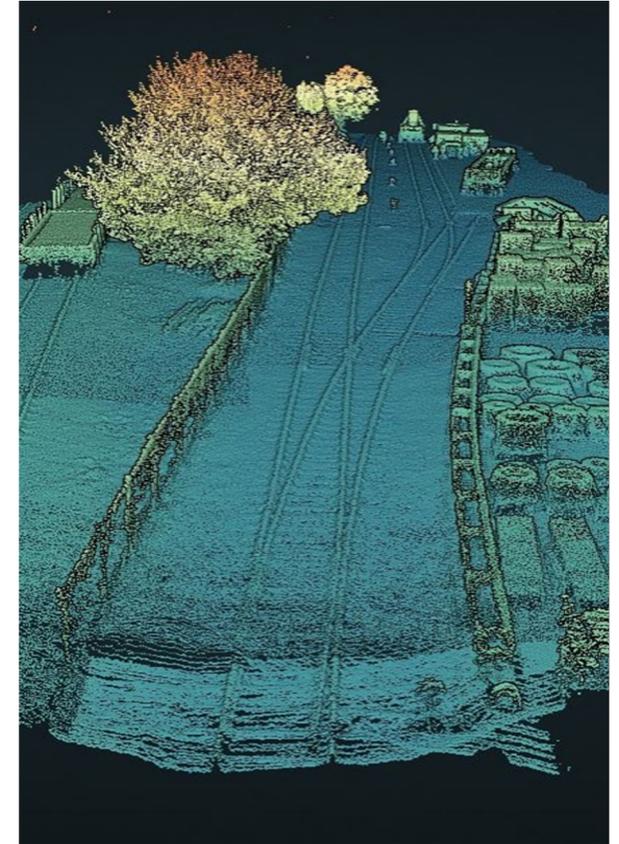
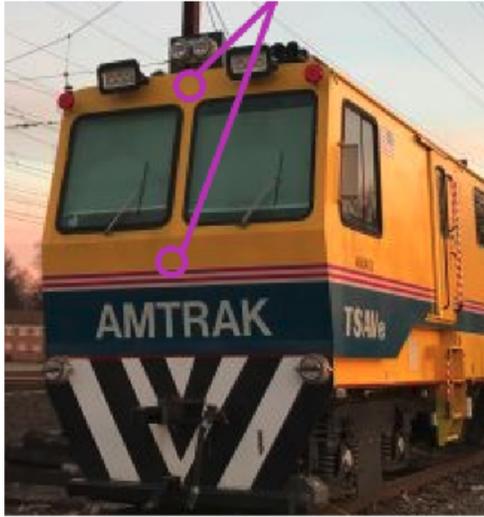
D

Evaluate Height and Stagger of Seasonal Change
Develop Exception Reports of Non-Compliance
Adaptive Plate Clearance Thresh Table (yellow)
Track Always Rises, Wire always Drops
Inspection Runs Each Month



Development of Our New LiDAR system | Amtrak Clearance Database Solution ACDS
Integrate Massive Existing LiDAR Data Into Routing Tools
Continue to Collect LiDAR Data of ROW With Our Inspection Cars





 **Cordel** in partnership with **D/GAUGE**

Collect ongoing LiDAR Content



ACDS

With The Development of Our New LiDAR System
Amtrak Clearance Database Solution ACDS

Provide a Centralized Data Management System

Continue to Import New LiDAR Data Sources

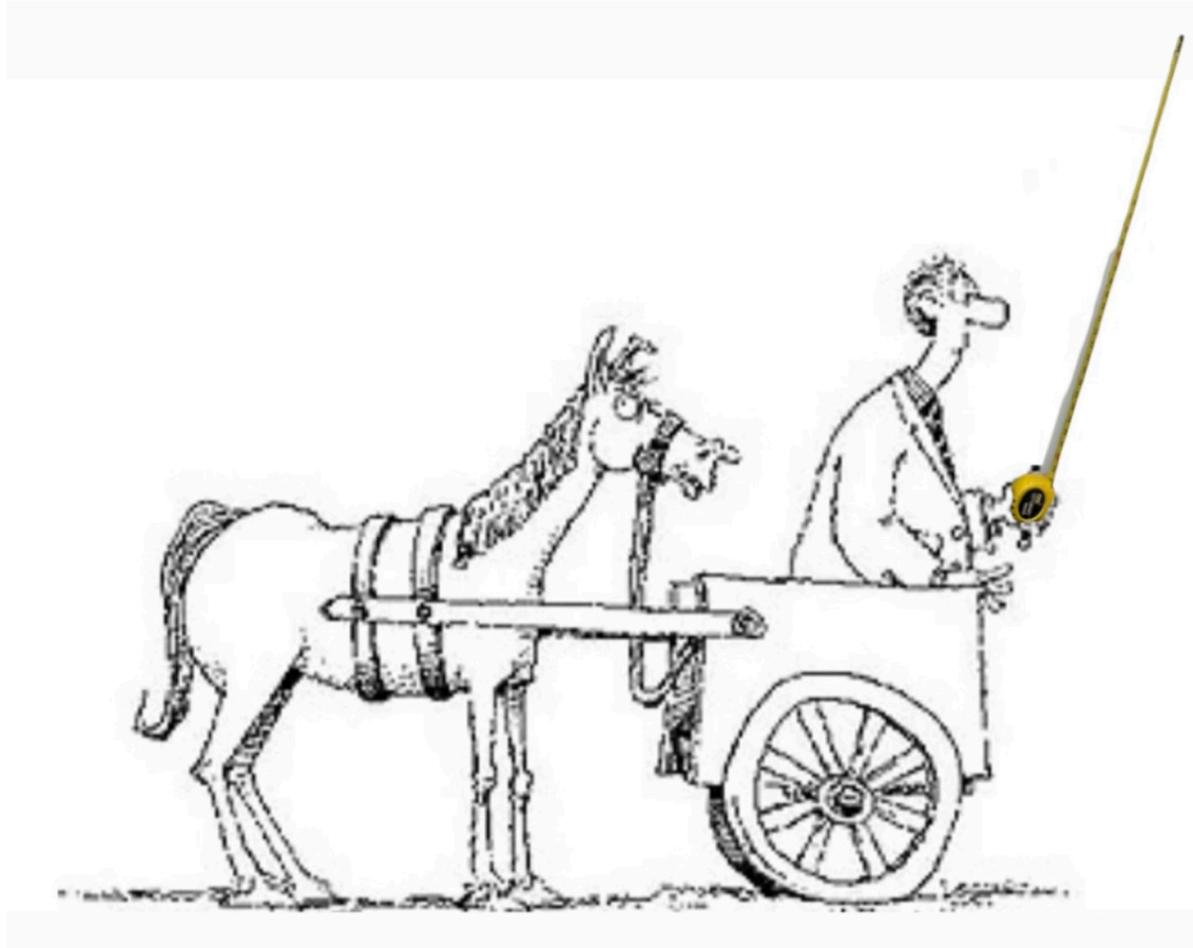
Track Historical Data and Clearance Records

Produce a Single Network Wide Clearance Analysis
System

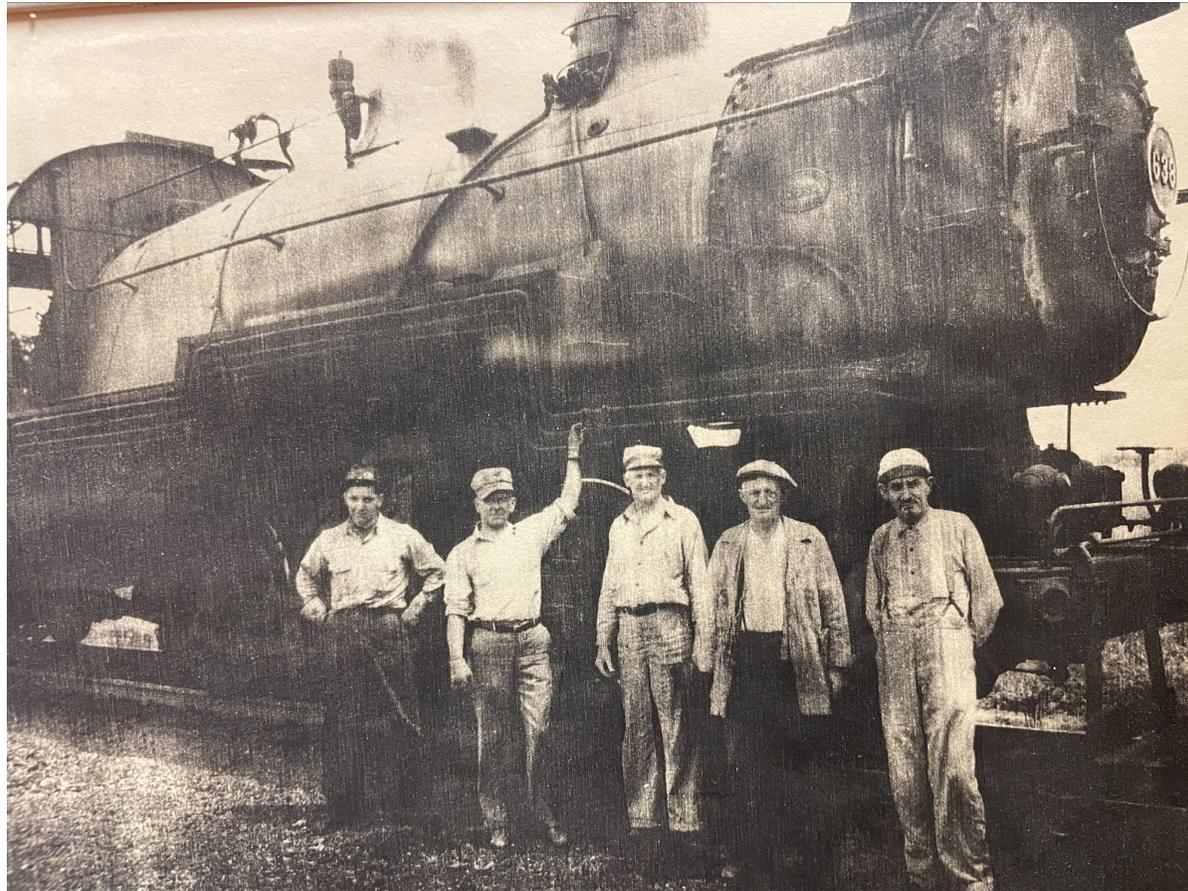
With the Goal of Quicker Turnaround



Measuring cart before the horse



FIVE



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THANK YOU

Patrick Ackroyd
AckroyP@amtrak.com

BNSF[®]
RAILWAY

Clearance Department Update



- Team: Cathy, Corey, Dale, Greg
- 2023 Projects
 - Dimensional Request (Phase 3)
 - Notification of updates, Status tracker
 - Southeast HIWI Corridor Improvements
 - Rock cut mitigation (Missouri / Arkansas border)
 - Operations engagement
 - “One-pager” quick guide, web training, network planning