

MxV Rail Update

Rail Electrification Council

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mxvrail.com

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MOMENTUM | INSIGHT | TEAMWORK | RIGOR | PURPOSE



TESTING



CONSULTING

Always moving forward.

TRAINING

STANDARDS

RESEARCH



Enhanced Laboratory Environment

STANDARDS TESTING

M-202/M-203 certification

AREMA TESTING

Chapter 30 Tie Testing

ASTM TESTING

ASTM D3950/D3953

PROTOTYPE TESTING

Tools, wheel bearing generators, fuel tank crush tests

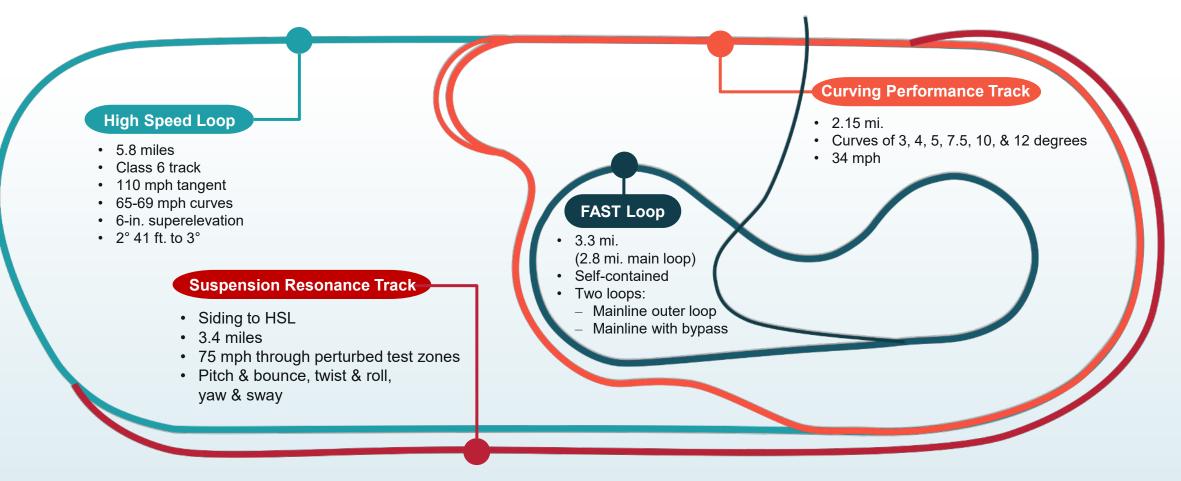






One visionafiobletiateksutmieri2023 otential.

M-976 testing, Curving & hunting testing





• More than 76,000 trained since 1985. Enhanced curriculum and a newly re-designed training ground delivers an unmatched student experience

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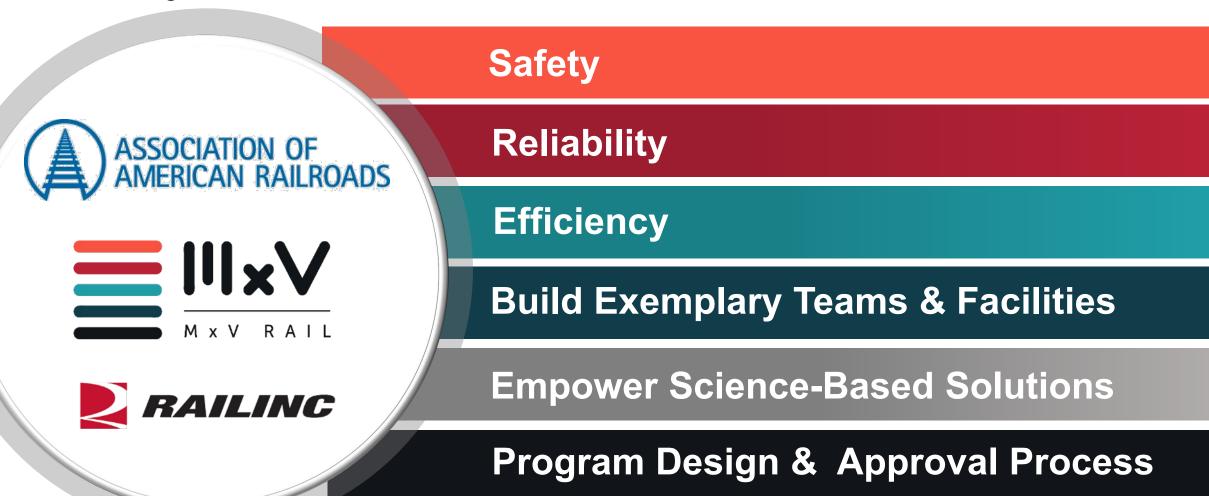
- Re-imagined experience includes:
 - Expanded classroom space, improved student shelters, and enhanced highway, rail, and intermodal lay-down yards
 - Immersive, realistic, full-scale training scenarios featuring 85 of today's rail, highway and intermodal transportation vessels

#momentur

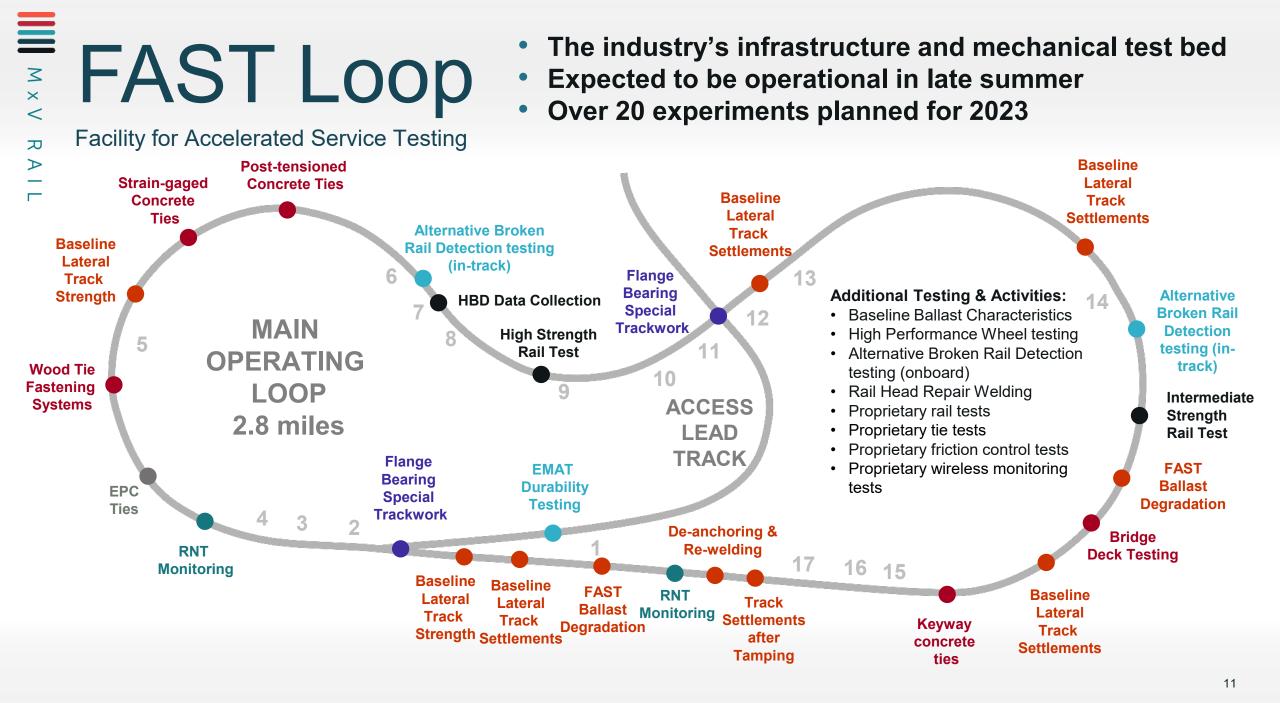
Unlocking Nomentum

M x V R A I L

Industry Research



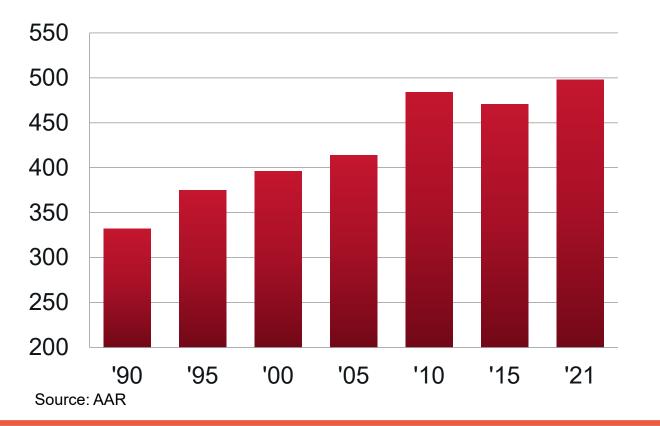
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M x V R A I L

Fuel Savings with Freight Rail

Railroad Fuel Efficiency (revenue ton-miles per gallon)



And Getting Better...

- Better locomotives
- Lighter, higher capacity freight cars
- Technology
 - -Monitoring systems
 - -Reduce idling
 - -Trip planning software
- Training
- Reduce aerodynamic drag



FUTURE RAIL FREIGHT

Autonomous Systems

Zero-Emissions Rail Vehicles

