

HERZOG



04.03.23

Spotlight on the Industry: **Herzog**

Presenter:

Josh Short

Manager of Client Engagement

A Winning Culture

The story behind Herzog's success

Herzog's Four Core Beliefs

**SAFETY
WITHOUT
COMPROMISE**

**POWER
OF THE TEAM**

**PASSION
FOR THE CUSTOMER**

**PURSUIT
OF EXCELLENCE**

Belief → *Behavior* → *Outcome*

Who we are

Small town roots with continental reach



By the Numbers

1969

Year founded

2,600+

Employees in U.S. & Canada

18

Herzog-managed O&M
transit properties

\$8.77 billion

in alternative delivery
projects completed

36 million

passengers moved annually

4,000+

Herzog-owned &
leased railcars

Five Operating Companies



RAIL TRANSIT O&M

Herzog Transit Services, Inc.



CONSTRUCTION

Herzog Contracting Corp.



MAINTENANCE-OF-WAY

Herzog Railroad Services, Inc.



RAIL SYSTEMS

Herzog Technologies, Inc.



RAIL TESTING

Herzog Services, Inc.

What We Do

Comprehensive rail services provider



RAIL TRANSIT OPERATIONS & MAINTENANCE

Herzog Transit Services, Inc.



Passenger Rail Operations

Herzog Transit Services, Inc.

- Largest private passenger O&M provider in the U.S.
- 36,000,000+ passengers transported annually
- 18 active O&M contracts in North America
- System startup & commissioning experts

(+) Systems Operated

Heavy/Metro rail
Commuter rail
Streetcar

(+) Services

Train Crew Scheduling
Train Dispatching
Reporting & Compliance
Fare Revenue Services
Flagging/RWP



Rail Transit Maintenance

Herzog Transit Services, Inc.

- 450+ pieces of rolling stock maintained by Herzog
- Total life cycle cost analysis
- Rigorous inspection & monitoring practices

+ Maintenance Services

Rolling stock
Track
Traction electrification
Signals & structures
Station platforms
Parking lots
Facilities

TRANSIT PROPERTIES



1
Altamont Corridor Express
Stockton, CA



2
Caltrain
San Jose, CA



3
Metrolink Track and Signal Maint.
Los Angeles, CA



4
Arrow Train Operator
Los Angeles, CA



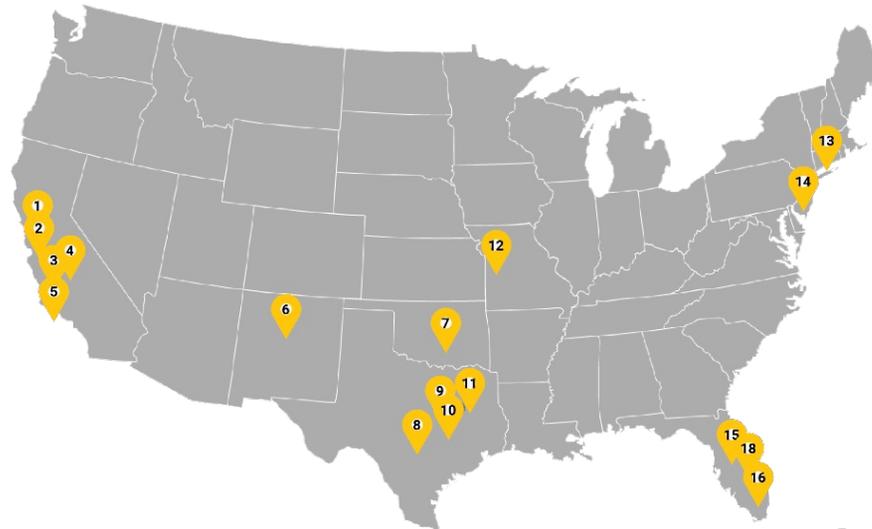
5
OC Streetcar (Startup phase)
Orange, CA



6
Rail Runner Express
Albuquerque, NM



7
Oklahoma City Streetcar
Oklahoma City, OK



8
MetroRail
Austin, TX



9
TEXRail
Fort Worth, TX



10
Silver Line (Startup phase)
Fort Worth, TX



11
Trinity Railway Express
Dallas, TX



12
Kansas City Streetcar
Kansas City, MO



13
CTrail Hartford Line
New Haven, CT



14
New Jersey Transit
Atlantic City, NJ



15
SunRail
Sanford, FL



16
Tri-Rail
Miami, FL



17
Tren Urbano
San Juan, PR

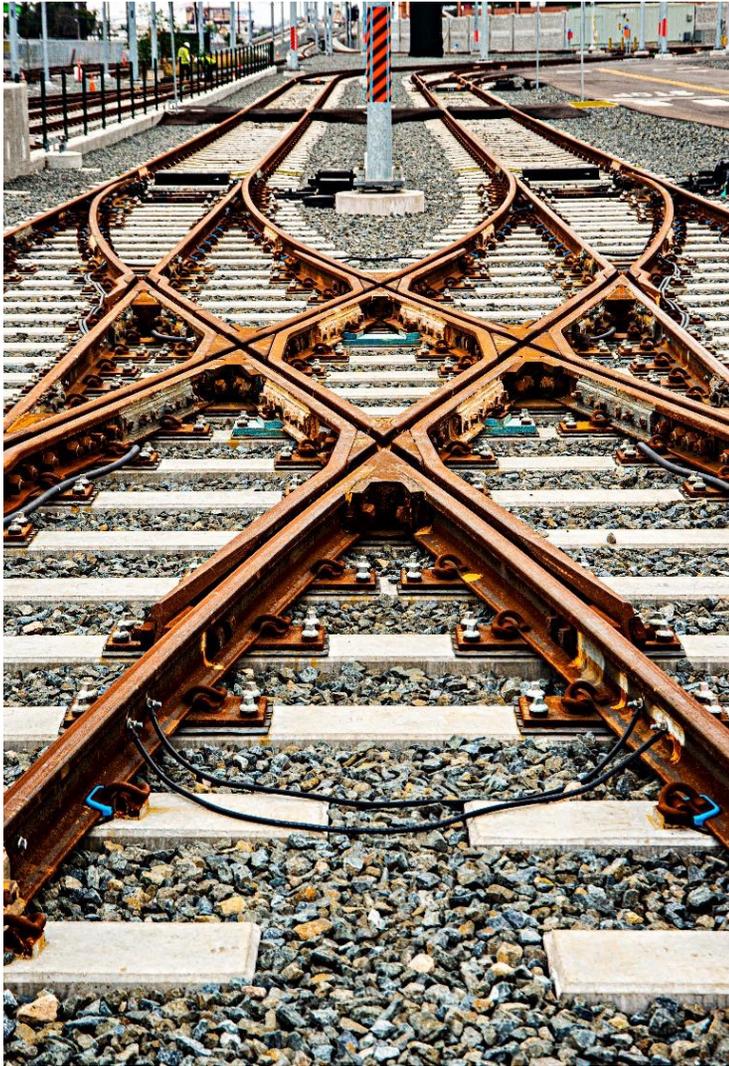


18
Brightline Track and Signal Maint.
Orlando, FL



CONSTRUCTION

Herzog Contracting Corp.



Track Construction

Herzog Contracting Corp.

- New-start & capital improvement construction
- Civil, track construction & rehabilitation, and MOW
- Ports, industry yards, intermodal, and rail maintenance facilities



Systems Expertise

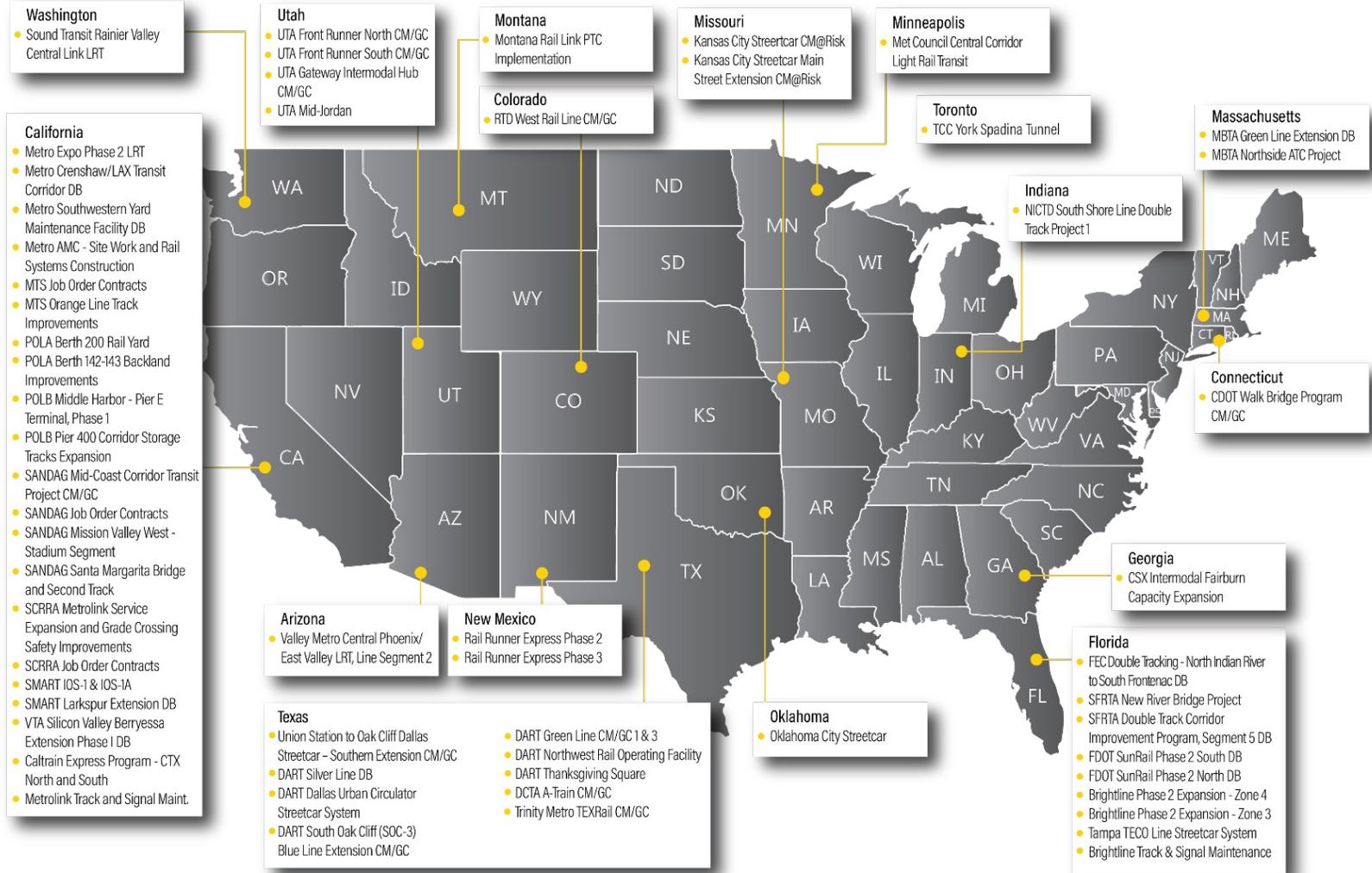
Heavy rail
Commuter rail
Light rail
Streetcar
Freight rail expansion



Track Specialties

Ballasted track
Direct fixation
Special trackwork
Industrial track
Crane rail

PROJECTS





Highway/Asphalt Paving

Herzog Contracting Corp.

- Top volume contractor for the Missouri Department of Transportation
- AASHTO-accredited laboratory



Project Types

Highways & municipal streets
Airport runways & taxiways
Commercial parking lots
Residential driveways
Running tracks
Running/walking trails
Tennis/basketball courts
Golf course cart paths



RAILROAD MAINTENANCE-OF-WAY

Herzog Railroad Services, Inc.



MOW Solutions

Herzog Railroad Services, Inc.

Turnkey railway engineering services with high-tech equipment developed and built specifically for railroad ROW maintenance and construction applications



Specialized Equipment

- CarTopper®
- Automated GPS Ballast Trains
- Automated Conveyor TrainSM
- Multi-Purpose Machine®
- Rail Unloading Machine
- Automated Tie-Down Car®
- Solar Ballast Cars
- Rail Trains
- Clip Car



Services

- Ballast distribution
- Material handling
- Rail unloading & transport
- LiDAR survey
- Railcar repair



CarTopper®



GPS Ballast Trains



Automated Conveyor TrainSM



Multi-Purpose Machine®



Rail Unloading Machine



50-Pocket CWR Train



Automated Tie-Down Car®



Herzog Survey Platform



Railcar Maintenance & Repair

Herzog Railroad Services, Inc.

Serving Class I & short line railroads, leasing companies,
and private car owners



AAR-Certified

M-1003 Quality Assurance
M-124 Truck Rebuild
S-2034 Car Builder



Full-service

Scheduling
Inspection
Procurement
Repair
Testing
Quality Control



RAIL SYSTEMS

Herzog Technologies, Inc.



Railroad Systems & Services

Herzog Technologies, Inc.

- Wayside signal & communications installation and design management
- Systems maintenance
- PTC systems integration
- PTC hosting & operational support
 - 24/7/365 support center
 - Real-time monitoring
 - 17 properties, 80K trains
- GIS data collection & management
- Software development

Signal Installation

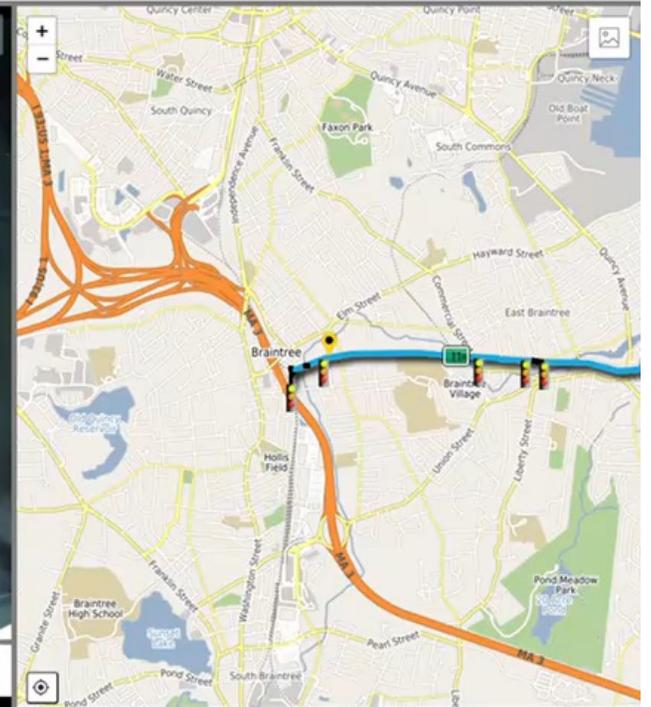
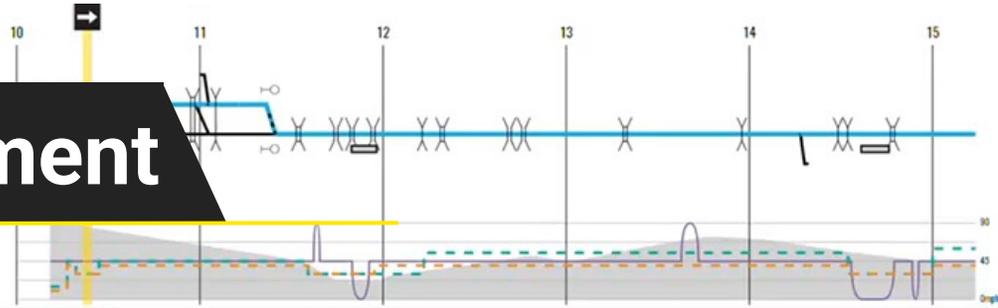




PTC Support Services

Software Development

Video Track Chart





RAIL TESTING

Herzog Services, Inc.



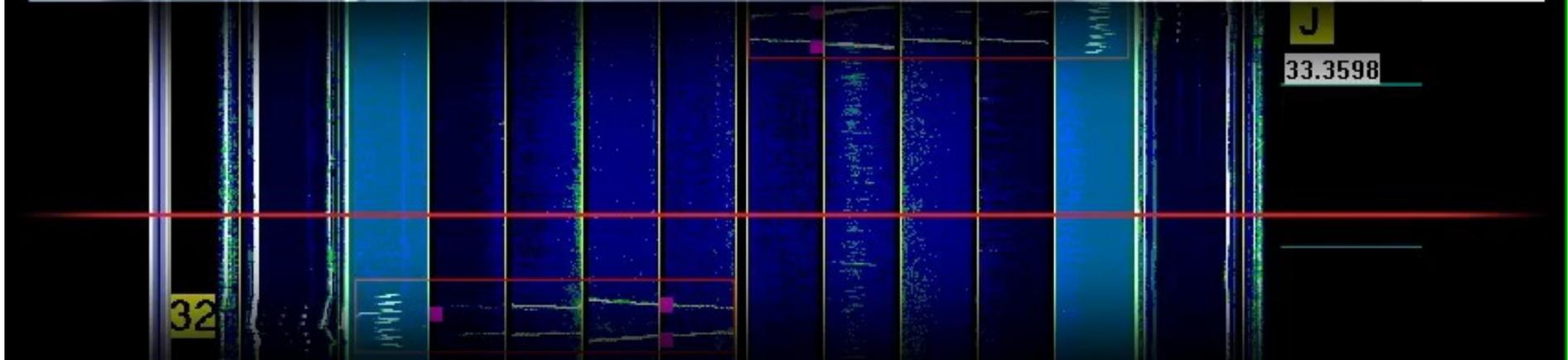
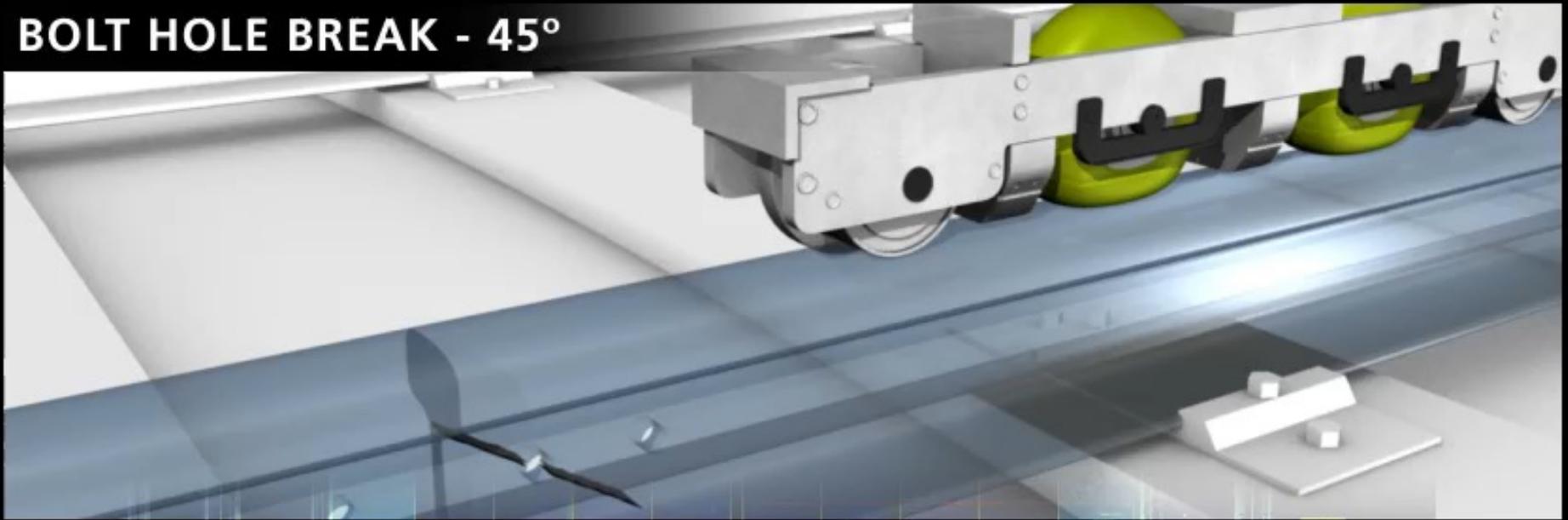
Rail Inspection & Testing

Herzog Services, Inc.

- Ultrasonic rail flaw detection
- Continuous Testing & Stop/Start testing
- Joint bar & geometry testing



BOLT HOLE BREAK - 45°



Thank You

HERZOG

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