HERZOG
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

Belief → Behavior → Outcome

- Safety without Compromise
- Power of the Team
- Passion for the Customer
- Pursuit of Excellence
Who we are

Small town roots with continental reach
By the Numbers

1969
Year founded

2,600+
Employees in U.S. & Canada

$8.77 billion
in alternative delivery projects completed

2,600+
Employees in U.S. & Canada

36 million
passengers moved annually

18
Herzog-managed O&M transit properties

18
Herzog-managed O&M transit properties

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

Rail Transit Maintenance
Herzog Transit Services, Inc.

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. CT Rail 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
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
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 Train℠
- 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
GPS Ballast Trains
Automated Conveyor Train℠
Rail Unloading Machine
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
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
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