



TRACK CONSTRUCTION THAT MOVES YOU MILES AHEAD

FREIGHT/COMMUTER RAIL | LIGHT RAIL | STREETCAR | MAINTENANCE FACILITIES

HERZOG

HERZOG'S HISTORY AND CULTURE DRIVE US FORWARD

A Deeply Rooted Culture

Herzog has a proud history of helping our customers meet their objectives and move forward. It began in 1969 when our founder Bill Herzog established an innovative company known for getting the job done. Bill's vision for the future and commitment to hard work earned Herzog a reputation as one of the most trusted names in the rail industry. Today our mission is to perpetuate Bill's vision within Herzog from generation to generation.

Herzog's *Journey to Excellence* workforce development initiative is a pivotal way we are achieving this mission. This disciplined effort defines, teaches, and develops beliefs and behaviors that make Herzog and our customers successful. It means, when you engage Herzog as a business partner, you get much more than just railroad construction services. You gain a partner committed to delivering exceptional service and elite results.

Our Commitment Starts with Safety

"Safety Without Compromise" is our foremost core belief. Those aren't just words. They are backed up through a proactive and disciplined safety program based on the premise that all injuries and incidents are preventable.

Our commitment to safety without compromise has contributed to Herzog's exceptional safety performance year after year.



NRC *Safe Contractor of the Year* Award - Herzog companies consistently earn top honors: **Platinum or Gold** award designations.



Herzog is the recipient of numerous industry and project safety awards, including earning top honors as a National Railroad Construction and Maintenance Association (NRC) *Safe Contractor of the Year*.

TRACK CONSTRUCTION THAT MOVES YOU MILES AHEAD



Total Project Value: > \$9 billion



Total Miles of Track: > 950 miles



Total Projects Completed: > 150 projects

Our Reputation for Delivering Elite Results

Herzog is a leading U.S.-based rail-transit construction manager and general contractor. We provide a complete range of construction services and the capabilities to build and fully integrate every type of rail system: light rail, commuter rail, freight rail, intermodal rail yards, and streetcar systems. Our team of rail-transit specialists execute a fully integrated and operational system turnkey, from design and construction, to testing, commissioning and revenue start-up.

As a result of our ongoing record of project successes, Herzog is consistently ranked as a top rail and mass transit contractor in North America.

Our Resourceful Organization

Herzog offers rail-focused resources and technologies and a skilled workforce of specialists capable of tackling the most challenging of rail projects. We approach each project with a solutions perspective and deliver on time and under budget. Our team self-performs the scopes of work critical to assuring schedule and cost certainty.

Our Alternative Project Delivery Expertise

Herzog has extensive experience with alternative project delivery methods – such as Design-Build, Construction Manager/General Contractor (CM/GC), and Progressive Design-Build (PDB) – to deliver greater value for owners. These integrated approaches allow Herzog to collaborate with clients early in the project lifecycle while the design is still in development to provide constructability reviews and advice. With the opportunity to design out conflicts and issues that frequently occur in the field during construction, alternative project delivery methods help to drive high-quality, innovative solutions compared to more traditional bid-build project delivery.

Herzog has completed nearly \$9 billion in new start and extension projects with all types of delivery methods.

BROAD + DEEP CAPABILITIES FROM START TO FINISH

Herzog Expertise Covers All the Bases

Herzog knows track. Our unparalleled expertise is the result of decades of experience constructing rail infrastructure projects in challenging and complex work environments. We self-perform all critical path work – track, signals, civil works, systems integration, and testing and commissioning – associated with rail infrastructure projects for in-street running and mainline track guideways, railyards, and vehicle maintenance facilities.

RAIL SYSTEM CONSTRUCTION CAPABILITIES

Commuter Rail

Light Rail

Streetcar

Heavy Rail

Intermodal Rail

Freight Rail

Track Types

- Ballasted
- Direct Fixation
- Embedded
- Floating Slab Track
- Special Trackwork
- Crane Rail
- Industrial Track

Infrastructure Types

- Mainline Tracks
- In-street Running Tracks
- Railyards
- Spurs and Sidings
- Vehicle Maintenance Facilities
- Passenger Stations
- Bridges and Viaducts
- Tunnels
- Retaining Walls

System Types

- Wayside Signals
- Switches
- Signal Houses
- Communication Solutions
- Positive Train Control Implementation and Support

Project Types

- New Starts
- Core Capacity Expansion
- Extensions
- Capital Improvements
- Track Rehabilitation
- Maintenance-Of-Way

Herzog has a nationally recognized reputation for working in close partnership with government agencies and key stakeholders to plan new transit systems in highly regulated urban environments.

STRONG CONSTRUCTION FUNDAMENTALS



Construction Management Approaches to Go the Distance

Herzog creates customized project teams comprised of industry professionals who have the skills to manage unique project scopes and work collaboratively to meet specific owner objectives.

Our integrated teams support every phase of the project lifecycle, from pre-construction and design to construction and testing/ commissioning. With a disciplined approach to track construction, we consistently deliver projects on time and within budget.

Herzog maintains the infrastructure and right-of-way for more than 900 miles of track on nine rail systems used for joint commuter, freight, and streetcar operations in North America.



EXCEPTIONAL SERVICE, ELITE RESULTS

COMMUTER RAIL/FREIGHT

- Value > \$3+ billion
- Systems > 75 projects
- Miles > 375 miles

Trinity Metro TEXRail

Construction Manager/General Contractor | Fort Worth, TX | Value: \$495 million

Trinity Metro's TEXRail is a 27-mile commuter rail line that extends from downtown Fort Worth to DFW International Airport. The project team constructed 142,560 feet of ballasted track, 9 stations, 27 bridge structures, 49 signalized grade-crossings, 32 switches, and installed an interoperable Positive Train Control system.



LIGHT RAIL

- Value > \$5 billion
- Systems > 55 projects
- Miles > 370

SANDAG Mid-Coast Corridor Transit Project

Construction Manager/General Contractor | San Diego, CA | Value: \$1.4 billion

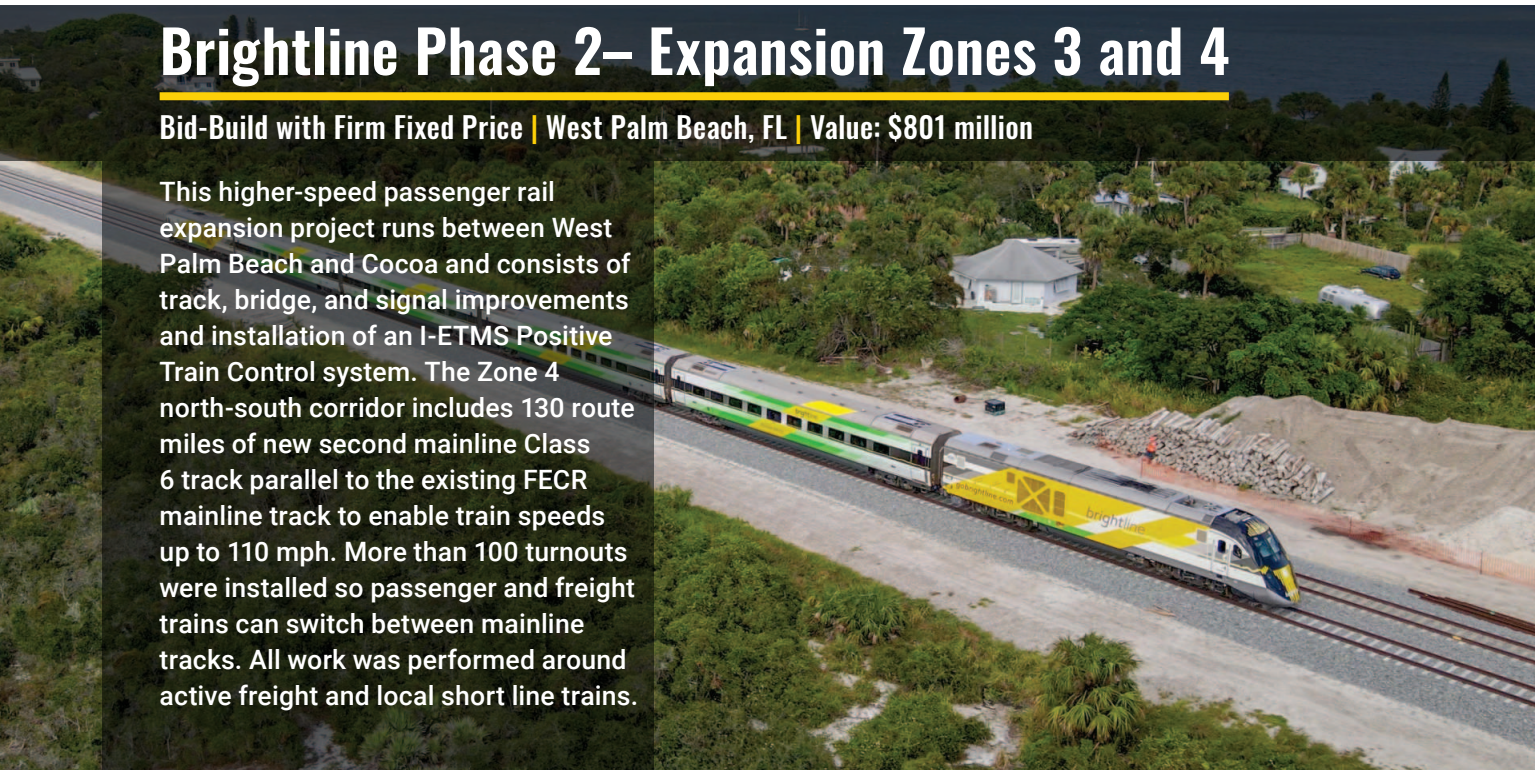
The Mid-Coast Corridor Transit project extended SANDAG's light rail system 11 miles to the University of California's San Diego Campus. Seven miles of the project was located in the LOSSAN rail corridor with active commuter rail and freight rail traffic. The project team constructed 22 miles of at-grade ballasted track and 8 miles of direct fixation trackwork on elevated structures, 3.3 miles of aerial viaduct, 9 stations, 8 bridges, one tunnel, 500,000 square feet of retaining walls, and installed an overhead catenary system.



Brightline Phase 2– Expansion Zones 3 and 4

Bid-Build with Firm Fixed Price | West Palm Beach, FL | Value: \$801 million

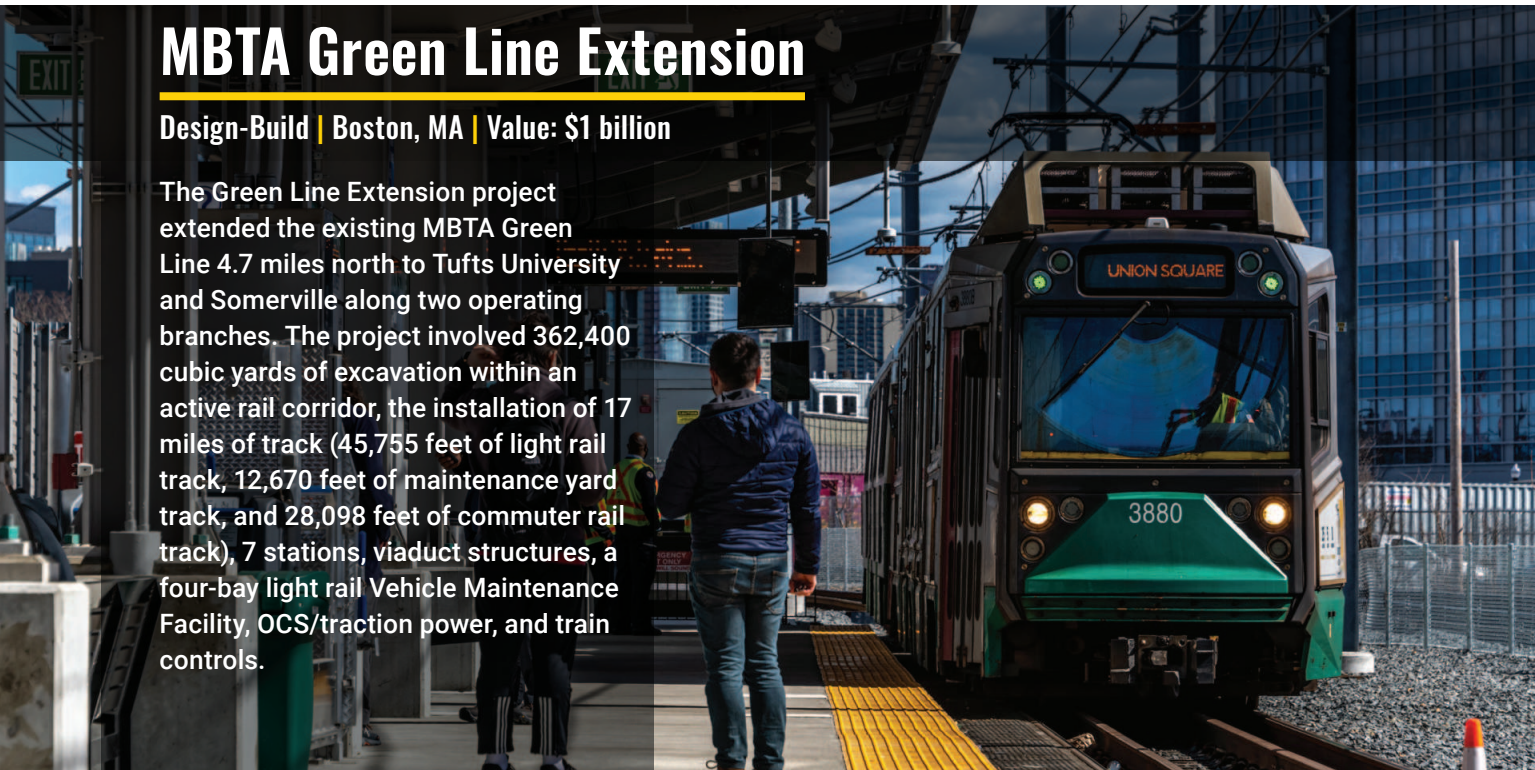
This higher-speed passenger rail expansion project runs between West Palm Beach and Cocoa and consists of track, bridge, and signal improvements and installation of an I-ETMS Positive Train Control system. The Zone 4 north-south corridor includes 130 route miles of new second mainline Class 6 track parallel to the existing FECR mainline track to enable train speeds up to 110 mph. More than 100 turnouts were installed so passenger and freight trains can switch between mainline tracks. All work was performed around active freight and local short line trains.



MBTA Green Line Extension

Design-Build | Boston, MA | Value: \$1 billion

The Green Line Extension project extended the existing MBTA Green Line 4.7 miles north to Tufts University and Somerville along two operating branches. The project involved 362,400 cubic yards of excavation within an active rail corridor, the installation of 17 miles of track (45,755 feet of light rail track, 12,670 feet of maintenance yard track, and 28,098 feet of commuter rail track), 7 stations, viaduct structures, a four-bay light rail Vehicle Maintenance Facility, OCS/traction power, and train controls.



EXCEPTIONAL SERVICE, ELITE RESULTS

STREETCAR

- Value > \$180 million
- Systems > 8 projects
- Miles > 18.5 miles

Kansas City Downtown Streetcar

Construction Manager at Risk (CMAR) | Kansas City, MO | Value: \$88 million

The project team constructed this modern streetcar system that operates on an in-street, two-mile loop in mixed traffic through many of downtown Kansas City's most vibrant business districts. Crews performed 11,000 feet of new waterline installation relocations and constructed 4.4 track miles of 112 TRAM Block rail-embedded track, including four turnouts and 16 platform stops. Herzog also constructed a LEED Gold Vehicle Maintenance Facility and installed four traction power substations and 280 pole foundations for the overhead catenary system.



Oklahoma City Streetcar

Bid-Build | Oklahoma City, OK | Value: \$56 million

This new start modern streetcar system consists of 5.3 miles of in-street running track in downtown Oklahoma City. The Herzog project team excavated 15,048 cubic yards of roadway to accommodate the new track bed and constructed 30,088 feet of embedded track with track drains. Crews also constructed 22 station stops and installed 240 overhead catenary system foundations and related contact wire and six traction power substations.



MAINTENANCE FACILITIES

- Maintenance facilities - 13
- Value > \$1.8 billion
- Project sites - 12 properties

DCTA A-Train Commuter Rail CM/GC

Construction Manager/General Contractor | Lewisville, TX | Value: \$193 million

The Herzog project team constructed a 56,000-square-foot, three-bay vehicle maintenance facility as a part of the 21-mile A-train commuter rail line project connecting Denton County with Dallas County. The facility is a pre-engineered metal building with concrete tilt-up wall panels and includes a maintenance pit, inspection mezzanine, two bridge cranes for changing out car components, train washing system, and a regional dispatch and communication center. The rail yard contains seven separate tracks totaling 14,000 feet and 11 turnouts.



LACMTA Southwestern Yard Maintenance Facility

Design-Build | Los Angeles, CA | Value: \$174 million

This LEED Silver-certified light rail vehicle operations and maintenance facility consists of five buildings on the 18-acre site. These structures include a general administration building, a yard control tower, a five-bay body shop, a carwash facility, a cleaning platform, material and equipment storage, and a paint/body shop. The rail yard included 15,000 feet of ballasted track and 35,000 tons of ballast. The yard stores up to 54 light rail vehicles.



TRACK CONSTRUCTION THAT MOVES YOU MILES AHEAD

"The Herzog team is tremendously proud of our role in constructing transformational rail infrastructure. Our track construction experience is unparalleled, but that doesn't stop us from continually seeking innovative ways to work safer, smarter, and more productively. We are eager to work with jobsite partners to complete track transportation projects that will meet the challenges of tomorrow and move North America miles ahead."

Brad Lager
Chairman & CEO
Herzog Enterprises, Inc.



Crenshaw/LAX Transit Corridor
Los Angeles, CA



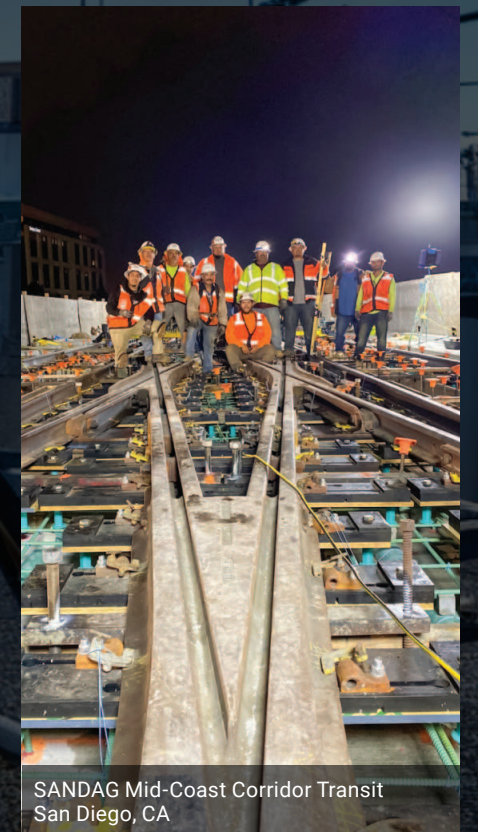
Oklahoma City Streetcar
Oklahoma City, OK



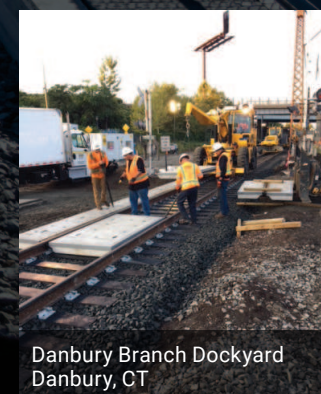
Kansas City Downtown Streetcar
Kansas City, MO



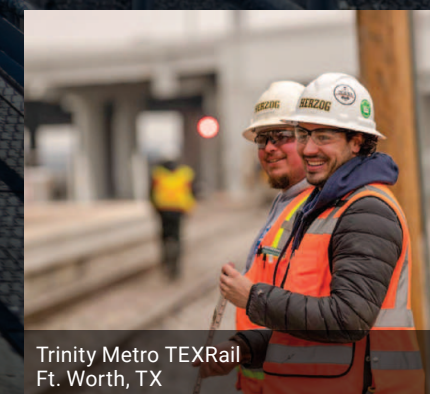
MBTA Green Line Extension
Boston, MA



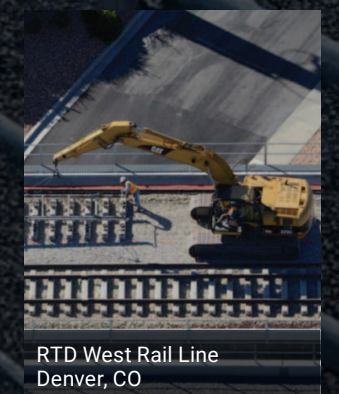
SANDAG Mid-Coast Corridor Transit
San Diego, CA



Danbury Branch Dockyard
Danbury, CT



Trinity Metro TEXRail
Ft. Worth, TX



RTD West Rail Line
Denver, CO



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