

# Statement of Qualifications Rail Services





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» FIRM PROFILE

# » Introduction



## CONTACT

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LJARail.com

Our reputation is built upon a legacy of trust – among our staff and our clients – and this mutual trust continues to drive our commitment to deliver the best solutions to complex building and business challenges.

LJA Rail, LLC is backed by the depth and diversity of our parent company, LJA Engineering, Inc. LJA Engineering is an Engineering News-Record Top 500 National Firm offering full-service engineering and consulting services to public and private sector clients. With over 670 employees in 25 offices, LJA Engineering has significant engineering, planning, surveying, landscape architecture, GIS, environmental, and construction management talent to serve the technical needs of our clients. This allows us to leverage our resources from across the company, provide expertise-driven teams, deliver responsiveness to your specific needs, and individualize project solutions.

## MISSION

To be the design, construction, and construction management company of choice for freight railroads and their customers in North America.

## DEDICATED FOCUS

Decades of experience as railroad employees give us a clear understanding of the intricacies of freight railroad engineering, construction, operations, and maintenance. ***We only work for freight railroad clients***, so we understand that efficient operations and low maintenance costs are a result of well thought out designs and no/low impact construction. Our first-hand knowledge allows our group to focus on these key criteria to anticipate potential challenges and address them before they have an impact on operations, a particular project, or program.

## RAIL SERVICES

LJA Rail offers proven experience and expertise in the development of rail facilities, including rail yards and intermodal terminals; rail served industrial facilities; transload facilities; structures; new rail corridors; maintenance, fueling, waste management, security, office, crew welfare, signals, and other systems.

Our objective is always to provide cost-effective services that meet your objectives while adhering to the servicing railroad's objectives and requirements as required. We will identify issues that may impact the project's schedule and cost, and provide solutions to minimize associated risk.

## EXPERIENCE

LJA Rail brings a wealth of experience in railroad planning, design, construction, construction management, operations, and maintenance to its projects. We have worked closely with our freight railroad clients to develop projects and operating systems that maintain the effective use of real property and/or right-of-way for rail operations, including working with freight railroads to maintain railroad operations during heavy construction.

Our team is experienced in coordinating civil, track, and signal design with cutovers and construction staging in constrained areas with 24-hour freight operations under live track conditions.

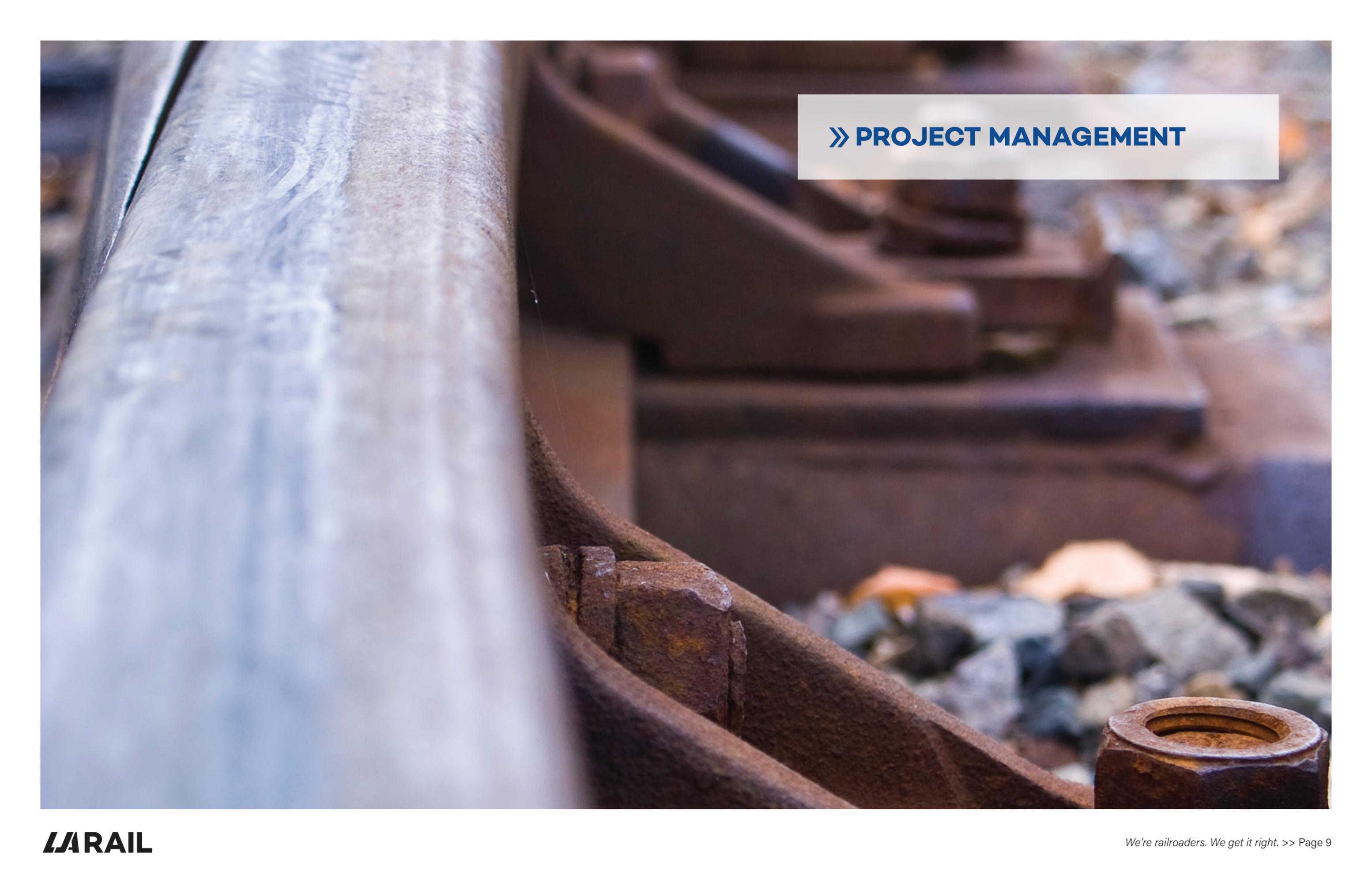
LJA Rail is registered with the E-Rail Safe Program, and all of our team members have successfully completed Roadway Worker Safety training courses associated with Class 1 service providers.

***We only work for freight railroad clients, so we understand that efficient operations and low maintenance costs are a result of well thought out designs and no/low impact construction.***

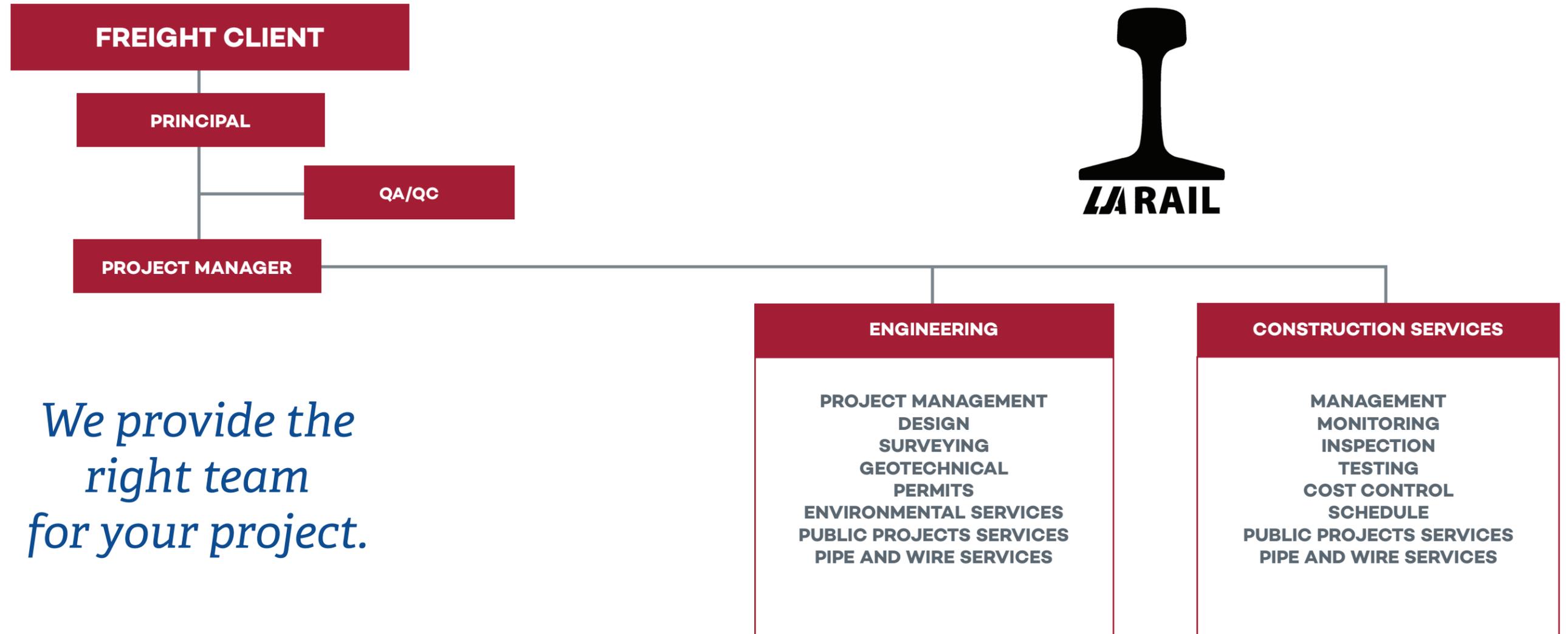
*It is our continuous goal to deliver products and services that*

*meet or exceed the expectations of the railroad industry we serve.*





» PROJECT MANAGEMENT



*We provide the  
right team  
for your project.*

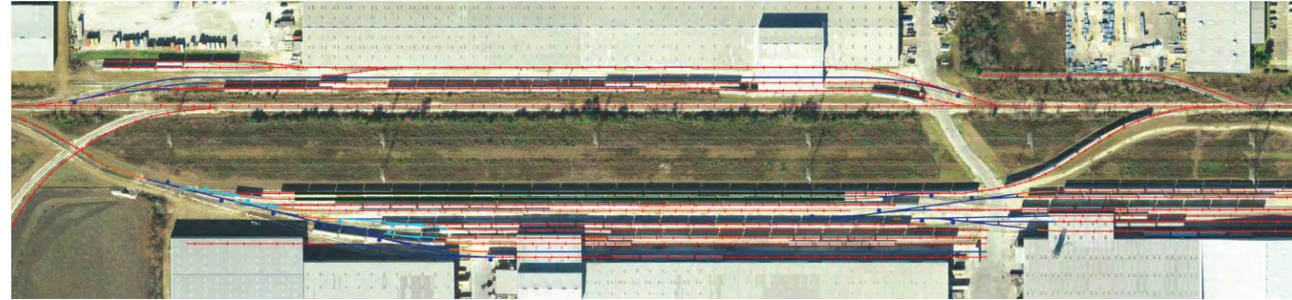
» SERVICES





# Rail Services

LJA Rail is a group of railroaders completely dedicated to the freight railroad industry. Our group provides experience-driven services for each project. From planning, operations, and design to project and construction management, our freight rail experts are your go-to team to navigate the complexities associated with regulatory agencies, third parties, and other key stakeholders during project development. With a widely varied and successful track record in freight rail project and program development, we offer a strong team with the knowledge and experience to deliver your projects on time and within budget.



## Design

Our dedicated freight rail team draws from decades of first-hand knowledge to design the structures, facilities, tracks, and associated infrastructure for rail projects of any level of complexity.

*We develop comprehensive freight railroad designs with safety, cost efficiency, constructability, and optimized operations in mind.*

LJA Rail Services delivers valuable expertise from concept through construction services, providing value-added conceptual designs, plans and specifications, permitting, and program management.

## Design Services

Plans, specifications, and estimates for:

- Capacity Improvements: Yards, Sidings, and Main Tracks
- Automotive Facilities
- Container Intermodal Facilities
- Bulk Transfer Facilities
- Bridges and Structures: Concrete, Steel, Timber, and Culverts
- Yards, Shops, and Other Facilities

Design support services:

- Permitting and Support
- Signal Support
- SIT Yard Planning
- Operating/Track/Mechanical Compatibility Services
- Rail Car Movement Optimization
- Classification Yard Efficiency Planning



## Construction Management

As railroaders, we understand that active railroad environments require extensive coordination, not only to execute the design, but to maintain safety.

*Our team is adept and knowledgeable at staging civil, structural, track, and signal elements throughout the construction phase to help ensure safety, efficiencies, and schedule adherence.*

All LJA Rail team members have completed the e-Rail Safe Program and Roadway Workers Safety Training, and are poised and ready to provide the necessary program and construction management, procurement, inspection, and signal support services for a wide variety of freight rail infrastructure projects.

## Construction Services

- Safety Management and Oversight
- Survey
- Constructability
- Schedules
- Change Management
- Construction Estimates
- Construction Inspection
- Train Traffic Interruptions Minimalization
- Budget Maintenance
- Clean Audit Trail Maintenance
- Federal, State, Private Funds Reporting and Reallocation
- Project Reporting
- Punch List Management
- As-Built Drawings/Audits
- Construction Close-outs

All of our long-term strategies and short-term actions are molded by a set of performance drivers that are shared by each and every employee.

**We're railroaders. We get it right.**

## LJA Rail Performance Drivers

### Safety

- Safe practices are our first priority
- Watch out for self and team
- Responsibility: Every employee; everywhere; every day

### Customer Focus

- Customer needs and expectations are at the forefront of our services
- Reliability and consistency
- Anticipate customer's challenges and address them early
- Customer satisfaction defines our success as professionals and as a company

### People

- Employees define who we are as a company
- Employee/shareholders actively engage in contributing to LJA's success
- Continuing education for professional development
- Mentor the next generation of railroad professionals

### Integrity

- Uncompromising principles and values lead our actions
- Honesty and honor in all that we do
- Build trust through consistently excellent performance

### Value

- Experience-based quality products and services
- Sound innovation
- Competitive pricing
- Deliver quality products and services on time and within budget

### Flexibility

- Quickly adjust as necessary to meet our customer's priorities
- Awareness of current management, market, and technology trends

» RELEVANT EXPERIENCE



## LJA Rail has successfully completed numerous freight rail engineering design and construction management projects.



• NPBL	Portsmouth/Chesapeake, VA	Utility Projects Engineering Review and CM	• BNSF	Houston, TX	Automotive Facility
• NPBL	Chesapeake, VA	Yard Expansion	• PTRA	Houston, TX	Penn City Rail Yard Haden Road Culverts
• NPBL	Chesapeake, VA	New Roadway Adjacent to Yard	• PTRA	Houston, TX	Broadway TXDOT Spec
• Bay Coast Railroad	Chesapeake, VA	Widening of Military Highway	• PTRA	Houston, TX	Broadway Railroad Signaling
• Bay Coast Railroad	Cape Charles, VA	Route 642 At-Grade Crossing	• PTRA	Houston, TX	System - Bridge Management Program
• Bay Coast Railroad	Norfolk, VA	Utility Projects Engineering Review and CM	• PTRA	Pasadena, TX	Shaver Bridge
• NPBL	Chesapeake, VA	I-64 OH Bridge Widening	• PTRA	Houston, TX	Oil/Water Separator
• NPBL	Chesapeake, VA	I-64 OH Bridge Repairs	• PTRA	Houston, TX	Trainmen's Locker Room Facility
• NPBL/A&R	Chesapeake, VA	Siding with Public Road Crossing	• PTRA	Houston, TX	American Rail Yard Facility
• CSXT	Lineville, AL (Calhoun)	33,400 foot Rail Siding with Structures	• PTRA	Houston, TX	Zone Track Spot Updates
• CSXT	Coosa Pines, AL (Alpine)	5,900 foot Rail Siding with Structures	• PTRA	Houston, TX	Track Charts
• CSXT	Kingston, GA (Andrews)	12,500 foot Rail Siding with Structures	• PTRA	Houston, TX	Pasadena Run Around - Retaining Wall Repair
• CSXT	McDaniels, GA (Harrison)	13,700 foot Rail Siding with Structures	• PTRA	Houston, TX	Broadway 2nd Main - Survey
• CSXT	Resaca, GA (Elrod)	7,800 foot Rail Siding with Structures	• PTRA	Houston, TX	Retaining Wall Re-build
• CSXT/OSPPE	System-wide	Utility Construction Management	• PTRA	La Porte, TX	Patrick's Bayou Bridge/Culvert Structure
• BNSF	Lafayette, LA	Private Road Crossing Drainage Evaluation	• KTN	Formosa, TX	300 Car Rail Yard Facility
• BNSF	Allen Farm, TX	Siding & Structure(s)	• KTN	Dallas, TX	Rail Yard Facility
• BNSF	Arcola, TX	Geotechnical Exploration	• KTN	Dallas, TX	Rail Yard Facility
• BNSF	Houston, TX	Automotive Transload Facility	• KTN	Baytown, TX	CCLT Rail Yard Facility
• BNSF	Pearland, TX	Intermodal/Automotive Transload Facility	• KTN	Alberta, Canada	Edmonton Rail Yard Facility
• BNSF	Alvin, TX	Intermodal/Automotive Transload Facility	• Lapoint	Orange, TX	Tank Car Cleaning Facility
• BNSF	Rosenberg, TX	Intermodal Facility	• Pasadena Rail Park	Pasadena, TX	300 Car Rail Yard Facility
• BNSF	Brenham, TX	Washington County Bridge Repairs	• EE Reed/Ravago	Baytown, TX	Rail Yard Facility
• BNSF	Rosenberg, TX	Logistics Facility	• CenterPoint Properties	Houston, TX	Rail Yard Facility
• BNSF	San Antonio, TX	Cadet Yard	• Liberty Property Trust	Houston, TX	Topo Survey & Conditions Drawing
• BNSF	Rosenberg, TX	Emergency Alignment Work	• Gordon Westergren	Pasadena, TX	Ethyl Road Industrial Park
• BNSF	Glendale, AZ	Intermodal Facility	• ETS	Channelview, TX	Rail Yard Facilities
• BNSF	Irondale, CO	Auto Unloading Facility	• OPS	Gregory, TX	Rail Yard Facility
• BNSF	El Paso, TX	Highway Overpasses, etc.	• Texas City Terminal Railway	Texas City, TX	Bridge Management Program Assistance
• BNSF	Pleasantdale, NE	Emergency Support Services - Slide	• DoverMEI Unicon Logistics	Houston, TX	Rail Yard Concept Drawing
• BNSF	Milford, NE	Siding & Structure(s)	• GT Logistics	Port Arthur, TX	Bridge Inspection
• BNSF	Broussard, LA	US 90 Overpass	• Transflo	Elizabeth, NJ	Facility Expansion Design
• BNSF	Houston, TX	South Yard Emergency Work	• Norfolk Southern Railroad	Greer, SC	Industry Yard Expansion Design

Various projects completed in the past 2 years.

# PTRA Hunting Bayou Bridge

Houston, Texas



LJA Rail performed the design for a double track, 210-foot pre-stressed concrete bridge with a 20 mile per hour design speed, crossing Hunting Bayou at the North End of American Yard. Besides the actual bridge design, LJA's services included all track design, permitting to build the bridge including tidal permit, drainage structures, survey, soil samples, right-of-way exhibits, and the acquisition of required permits.

LJA Rail prepared the bid documents and specifications for the bid process, along with the actual bid packages to be sent out to prospective bidders. Once construction began, LJA provided on-site construction management services for the project including project oversight, daily and weekly reports, as-built drawings verification, punch list development, and construction support to address design questions during construction. The bridge project was constructed next to an existing railroad bridge with no interruptions to railroad traffic at any time during construction. LJA worked with the contractor to help ensure a safe environment that would not impact railroad operations.

## CLIENT

Port Terminal Railroad Association (PTRA)

## LJA CONTACT

Mike Baker, PE



# Katoen Natie, Chambers County Logistical Terminal Yard Baytown, Texas

LJA Rail provided concept planning, operations analysis, and preliminary engineering through final design for a 2,000 car capacity rail yard. The site development included over 8 million square feet of industrial warehouse space with supporting roadway and drainage to support the overall rail facility. LJA began the 10% process by providing conceptual layouts to meet rail requirements. From there, LJA prepared and submitted 30% engineering design including associated construction cost estimate. LJA coordinated with Union Pacific Railroad, as the proposed yard facility was to be served by UPRR.

LJA then prepared the bid documents and specifications for the bid process and prepared bid packages to be distributed to prospective bidders. Once construction began, LJA provided on-site construction management services for the project, which involved project oversight, daily and weekly reports, as-built drawings verification, punch list development, and construction support.

- 2,000 car rail yard
- 8M SF warehouse
- Roadways
- Drainage
- Planning
- Design
- Permitting
- Scheduling
- Cost estimate
- Bid package
- Construction management

## CLIENT

Katoen Natie

## LJA CONTACT

Brian Roybal, PE

# Katoen Natie/Asahi Plastics Rail Yard Athens, Alabama

Athens, Alabama

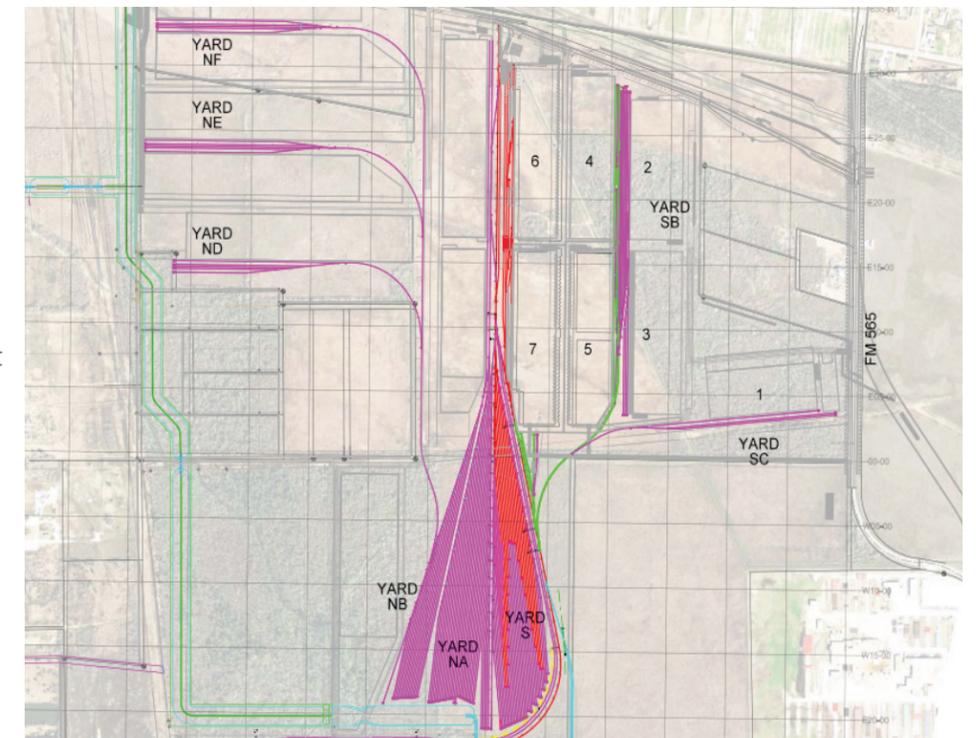
LJA Rail provided concept planning, operations analysis, and preliminary engineering through final design for a rail yard spur that is served by CSX Railroad that requires up to ten cars per day. LJA provided conceptual layouts to meet CSX industry standards. From there, LJA prepared the 30% submittal and coordinated with the architect and attended design meetings to reach consensus. LJA then prepared 100% plans, and prepared the track specifications and bid package for the project.

## CLIENT

Katoen Natie

## LJA CONTACT

Brian Roybal, PE



KATOEN NATIE, CHAMBERS COUNTY, LOGISTICAL TERMINAL YARD

# GT Logistics 2011-2012 Rail Terminal

Port Arthur, Texas



## CLIENT

GT Logistics

## LJA CONTACT

Brian Roybal, PE

The GT Logistics 2011-2012 Rail Terminal Construction began receiving cars for the UPRR's Sabine Industrial Lead in April, 2012. The project, located on 1,200 acres, consists of approximately nine miles of new track alignment including a loop track of sufficient length to accommodate unit train handling, six 3,500' storage tracks and two 3,500' tracks to be used for the unloading of crude oil from unit trains. LJA Rail designed tracks, loading racks, pipelines, storage tanks, rail bridges, and drainage for the 1,200-acre site. All of the track infrastructure including, rail, ties, OTM, ballast, sub-ballast, and sub-grade preparation were designed in accordance with UPRR Standards.

# BNSF Capacity Expansion Project

Nebraska



## CLIENT

BNSF

## LJA CONTACT

Albert Espinoza

- 31,000 TF expansion project
- Construction management
- Environmental services
- Safety monitoring
- Contractor performance monitoring
- Inspection services
- Materials testing oversight
- Reporting

# BNSF Loop 375/Caesar Chavez/Border Highway

El Paso, Texas



## CLIENT

BNSF

## LJA CONTACT

Mike Mize, PE

- 6 miles public project and track realignment
- 24/7 construction management
- Safety monitoring
- Contractor performance monitoring
- Inspection services
- Materials testing oversight
- Daily reporting

# Bay Coast Railroad/NPBL Public Projects



## CLIENT

Bay Coast Railroad

## LJA CONTACT

Patrick DesMarais

- Public projects review and management
- Process management
- Application handling
- Engineering reviews
- Construction monitoring
- Contract administration
- Force account management
- Flagging coordination
- Daily reporting

# PTRA North Yard Round House

Houston, Texas



## CLIENT

PTRA

## LJA CONTACT

Brian Roybal, PE

## SERVICES

Drainage

Utilities

Construction Phase Services

**Responsiveness.** The PTRA North Yard accommodates up to 15 trains per day with a capacity of over 1,600 railcars. Flooding and associated drainage on the site was a critical issue involving not only resolution of the drainage problem, but replacement of a decades-old, failing system. At each step of the way, we made all necessary provisions to keep the rail yard operational, while facing the challenges such a project presents.

LJA Rail approached the Round House project as a two-part solution, which would resolve drainage issues and improve the overall geometry of the rail yard. We addressed and replaced the Round House rooftop's drainage system, which was contributing to the problem. While we improved the drainage of the fueling area that was past its service life, we installed a permanent oil-water separator to replace the temporary system currently in use. During construction, we made arrangements for ongoing locomotive fueling to continue without interruption keeping two bays open in the Round House at all times. Further, we moved the existing wheel axle storage tracks to accommodate relocation of the railroad crossing and we modified the concrete fueling pad in order to straighten the new tracks. The site houses an extraordinary number of existing above and below-ground utilities, presenting many challenges. We responsively addressed locating and working around these existing utilities throughout the project.

# Bay Coast Railroad/Pipe and Wire Projects



## CLIENT

Bay Coast Railroad

## LJA CONTACT

Patrick DesMarais

- Encroachment installations and modifications
- Crossing and longitudinal
- Process management
- Application handling
- Engineering reviews
- Construction monitoring
- Contract administration
- Agreement updates
- Flagging coordination
- Daily reporting

## BNSF Houston Automotive Facility

Houston, Texas

LJA Rail provided engineering services in all aspects of planning an expansion of an existing automotive facility in Houston, Texas. LJA performed design engineering services for the planning, design, permitting, scheduling, cost estimate, and bid package for the BNSF Houston Automotive Facility master facility master expansion plan in Houston, Texas. LJA is currently providing construction management services for the project.

### CLIENT

BNSF Railroad

### LJA CONTACT

Michael Shockley

## Enterprise Chemical Company Rail Yard

Mont Belvieu, Texas

LJA Rail provided engineering services for the conceptual design of a rail yard rehabilitation project. LJA provided concept planning, operations analysis, and preliminary engineering through final design for a rail yard unloading facility. The existing facility had capacity for 40 cars per day. However, Enterprise wanted to determine the requirements for a yard with capacity to unload 80 cars per day. LJA identified customer and railroad requirements, prepared two best alternatives, and delivered a report containing all findings. LJA then prepared conceptual plans for the rehabilitation of the rail yard.

### CLIENT

Enterprise Chemical Company

### LJA CONTACT

Brian Roybal, PE

## Cargoways Logistics Rail Spur

Houston, Texas

LJA Rail provided engineering services in all aspects of planning, from concept to design for a rail spur rehabilitation in Houston, Texas. LJA provided concept planning, and preliminary through final design for a rail yard spur. LJA worked closely with the customer to meet their requirements for the rail spur. LJA then provided plans for the rehabilitation of existing track work on Cargoways facility. Additionally, LJA provided detailed site plans for the future expansion of the facility.

### CLIENT

Cargoways Logistics

### LJA CONTACT

Brian Roybal, PE

## Houreal Corporation SIT Yard

Baytown, Texas

LJA Rail provided concept planning and preliminary engineering through final design for a 1,000 car storage-in-transit (SIT) yard. The site development concept included over 300 acres with a yard to accommodate approximately 1,000 cars and a 200,000 SF warehouse. LJA identified the customer's requirements, then coordinated preliminary design with UPRR. LJA prepared three geometrically-correct master plan alternatives of the proposed rail yard that met customer and UPRR requirements. LJA's final deliverable included proposed master plan drawings along with cost estimates and car counts.

### CLIENT

Houreal

### LJA CONTACT

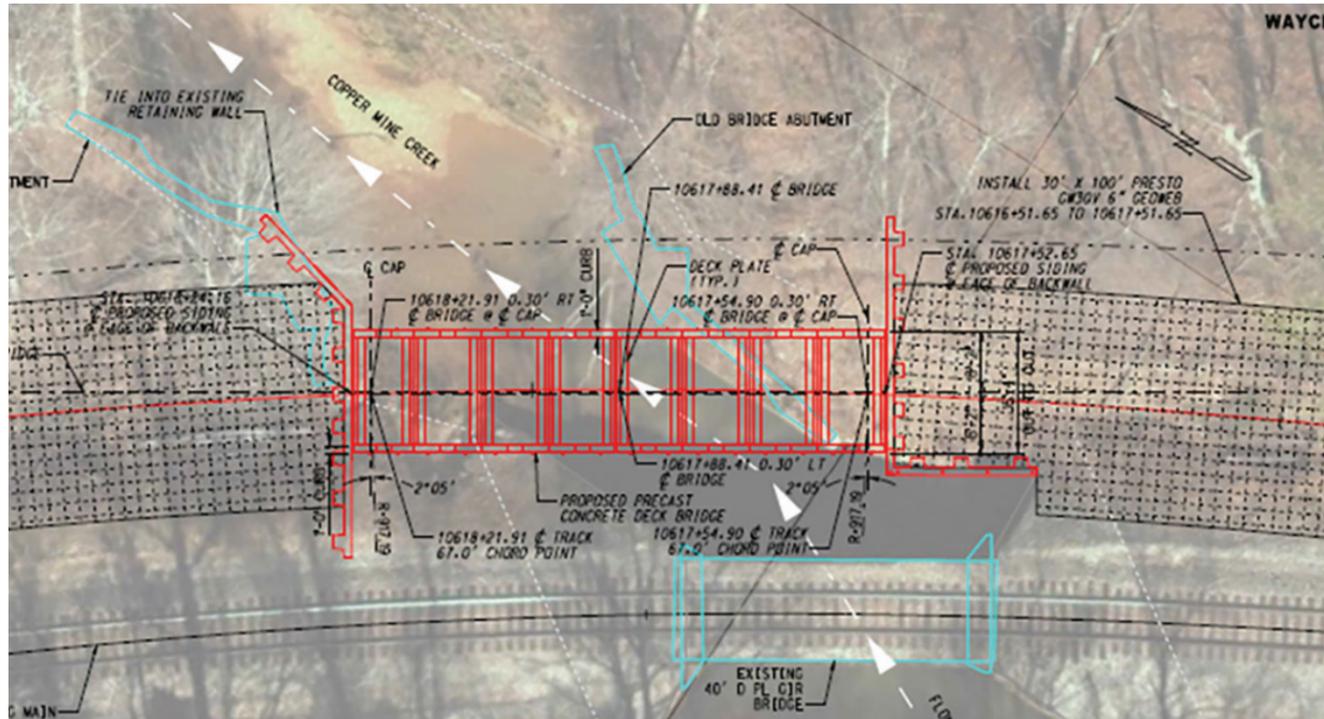
Brian Roybal, PE



BNSF HOUSTON AUTOMOTIVE FACILITY

# Rail Siding Extension

Alabama



## CLIENT

CSX Transportation

## LJA CONTACT

Mike Bell, PE

## SERVICES

Survey  
Civil Design  
Project Management Coordination  
Structural Design

LJA Rail was engaged to provide engineering services for one of CSX Transportation's highest profile projects. Due to its complexity and the large number of stakeholders involved, LJA was positioned to lead the team and provide full design and construction phase services in addition to subconsultant coordination. The project was completed on schedule by utilizing innovative and collaborative technical solutions.

LJA Rail provided design and bid documents, as well as construction support services including track, drainage, grade crossing, and structures. A large retaining wall, crash wall, and associated drainage structures were critical components of the project. A 70' steel concrete deck bridge and a 90' through plate girder bridge, designed using internal and external team resources with no established design criteria, posed challenges on this project. Additional challenges included working with the client to minimize property acquisition on federal and private lands and working with the geotechnical subconsultant to resolve issues with the extreme rock cuts and fills in the mountainous terrain. The LJA team coordinated with the client's designated representatives and subconsultants of multiple disciplines for environmental permitting, signal, power, utilities, and public projects.

## » LJA Rail Team

With this talented team, you are assured that your projects are undertaken and completed in a proactive, solutions-oriented, timely, and cost-effective manner.

The basis of our project organization is a strong and seasoned Project Manager, acting as a single point-of-contact, to lead a full-service collaborative of railroad professionals. Our organization offers an extremely responsive and adaptable work force that provides the highest quality services.

Staff will be allocated in a timely manner to ensure your project is appropriately staffed with the right resources to maximize efficiencies and quality.

**MIKE R. BAKER, PE**  
DIRECTOR RAIL SERVICES



**EDUCATION**

MBA, University of Houston; BS Civil Engineering, Texas A&M University

**PROFESSIONAL LICENSE**

Professional Engineer: Texas, California, Illinois, Florida, and Kansas

**SUMMARY OF QUALIFICATIONS**

Mike manages LJA Rail with responsibility for operations, project management, and business development. He has over 35 years of diverse railroad experience including three years of railroad research with the Texas Transportation Institute; 13 years of Class I railroad engineering operations, construction, and maintenance management; and over 19 years of railroad consulting and construction. With significant experience in railroad engineering, track maintenance, track construction, railroad operations and planning, leadership, and fiscal management, his successful turn-key solutions for railway projects include work with major railroads such as UPRR, BNSF and Kansas City Southern, as well as numerous rail districts, transit authorities, and port terminal railroad associations such as PTRA. His railroad experience also includes international projects located in Panama, Australia, Jamaica, Guinea, and Canada.



PASADENA RAIL YARD

**DAVID HARRIS, PMP**  
DIRECTOR CLIENT SERVICES



**EDUCATION**

BS Studies - Management, University of Phoenix

**SUMMARY OF QUALIFICATIONS**

David has over 25 years of diverse management experience, including 18 years of service with a Class I railroad. He has hands-on knowledge of a wide range of project disciplines including engineering management, project and program management, construction, and maintenance. Prior to joining LJA, David was the general engineering contract manager for capital and public projects for a Class I Railroad, where he managed design, construction, and construction management personnel for hundreds of Class I projects, including rail capacity improvements, maintenance facilities, intermodal facilities, and joint railroad facilities.



CSX GEC

## MIKE MIZE, PE



### EDUCATION

BS Civil Engineering, Texas A&M University

### PROFESSIONAL LICENSE

1998, Professional Engineer, Texas #83973 and Alabama

### SUMMARY OF QUALIFICATIONS

Mike is an experienced project manager with more than 24 years of experience in planning, design, and construction of transportation and infrastructure projects. Mike has managed Class I railroad projects in Texas, Kansas, Nebraska, Iowa, and Minnesota. In addition, his rail experience includes projects for shortline railroads, port authorities, and industrial clients. As Senior Project Manager, Mike manages a group of rail engineers and designers working for Class I railroads throughout Texas and the Western United States.

## BRIAN ROYBAL, PE



### EDUCATION

BS Civil Engineering, University of Utah  
BS Economics, University of Houston

### PROFESSIONAL LICENSE

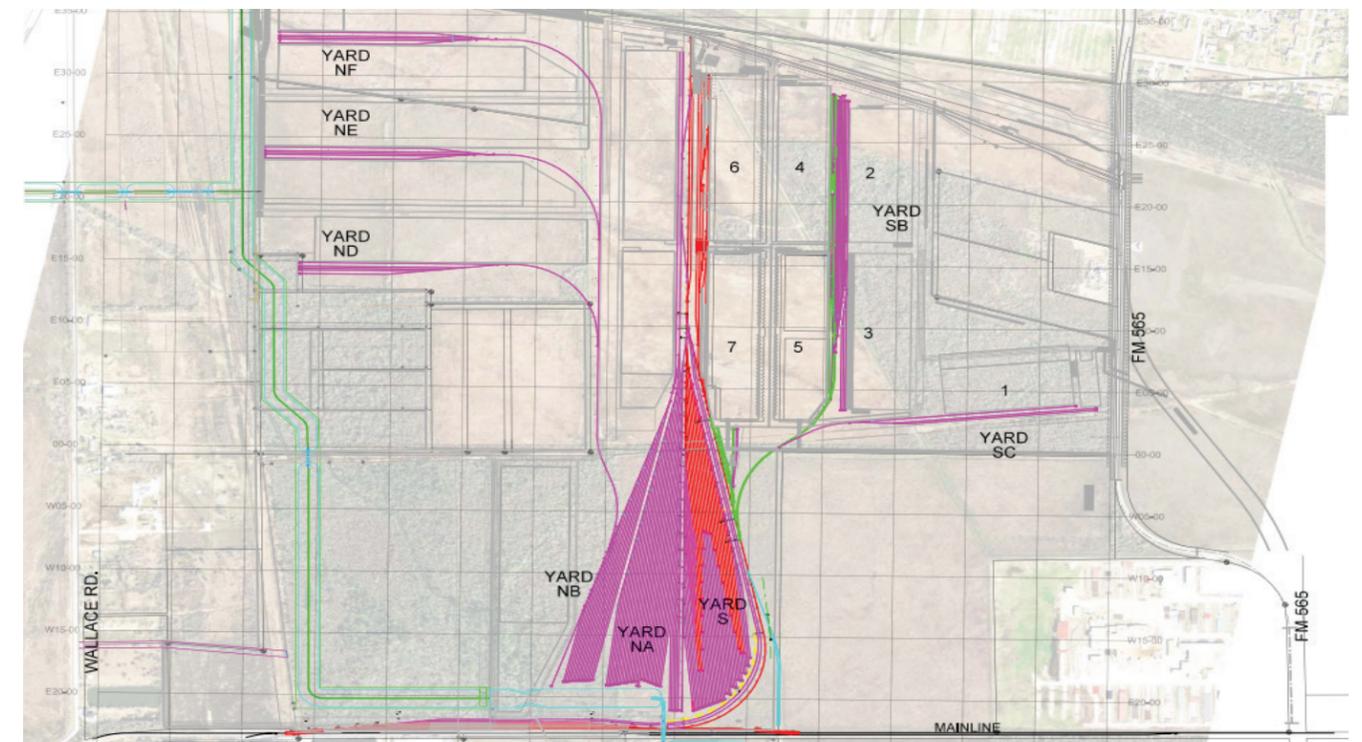
Professional Engineer, Utah, Nevada, and Texas

### SUMMARY OF QUALIFICATIONS

Brian is a civil engineer with over 18 years of experience in civil engineering and project management. His project experience ranges from initial planning studies and corridor assessments to detail design, including utilities and drainage, and construction administration.



BNSF SAN ANTONIO



KATOEN NATIE

## MIKE BELL, PE



### EDUCATION

BS Civil Engineering, University of Florida

### PROFESSIONAL LICENSE

Professional Engineer, Florida

### SUMMARY OF QUALIFICATIONS

Mike is an expert in intermodal terminal development, railroad engineering, and freight railroad design; leading design teams and projects for more than 15 years. He has proven leadership ability in planning, design, and construction of freight railroad projects. He was previously the Director of CSX Intermodal Terminal Development and Environmental Affairs, where he oversaw his internal staff, several outside engineering companies, track contractors, design/build firms, environmental companies, and general contractors to manage CSX Intermodal projects. In this role, he was also responsible for coordinating and obtaining permits with federal, state and local entities.

## MIKE SHOCKLEY

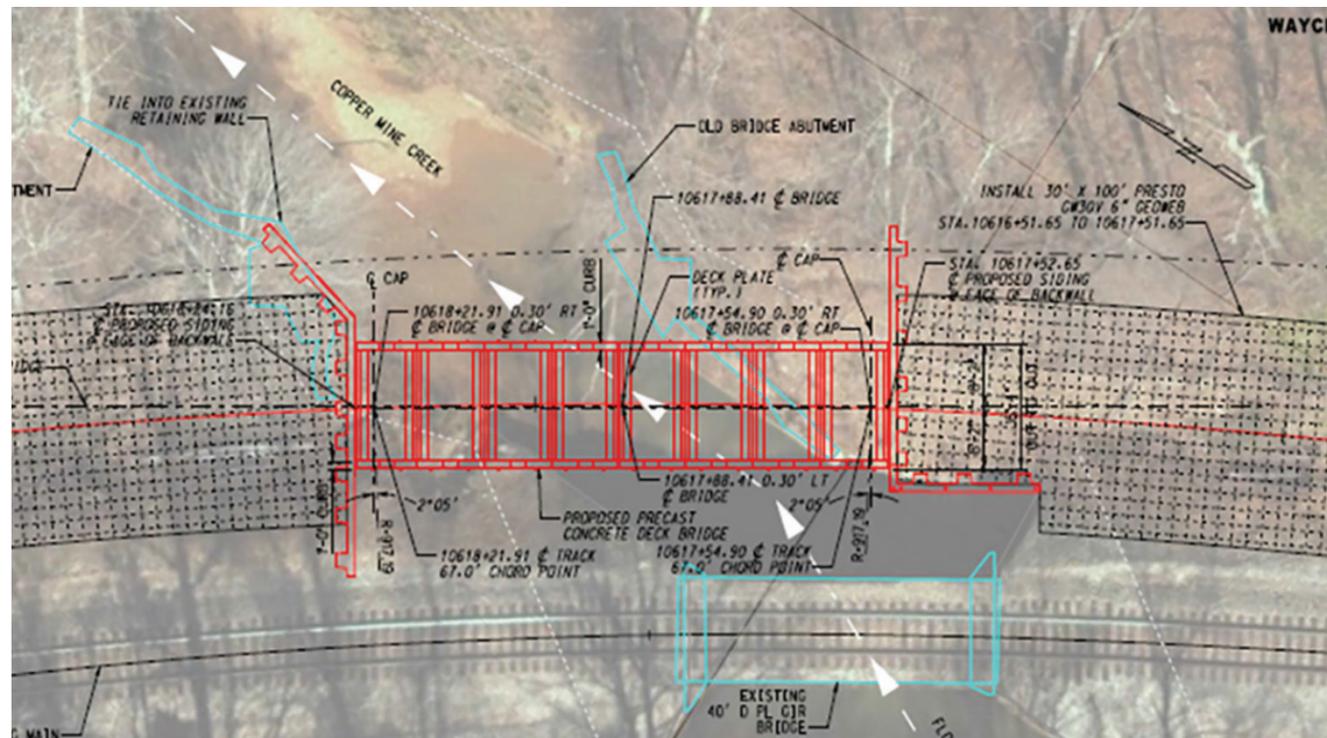


### EDUCATION

BS Quality Engineering, Kennedy Western University

### SUMMARY OF QUALIFICATIONS

Mike, our Construction Manager, has extensive experience in freight railroad facility and system planning, engineering and design, procurement, construction, and operations. He has worked for both the Union Pacific and the Southern Pacific Railroads, and as a facilitator with local agencies and the railroads. During his extensive railroad career, Mike has established and maintained a proven record of providing safe, quality, value-added construction services. He oversees and manages a team of construction management representatives across the United States. Mike acts as mentor and manager in the development of LJA's growing engineering staff to oversee construction projects, review construction submissions, and perform construction administrative tasks.



CSX ALABAMA



BNSF EL PASO

## BARRY GONDRON, PE, LEED



### EDUCATION

BS General Studies, University of Southwestern Louisiana

### PROFESSIONAL LICENSE

Professional Engineer, Arizona #45624  
Professional Engineer, Colorado #43674  
NCEES Registered, #31489  
LEED Green Associate #10704468

### SUMMARY OF QUALIFICATIONS

Mr. Gondron is a senior project manager for LJA's Rail Services Group. He has over 39 years of experience in the engineering design and construction management of heavy rail, light rail, commuter rail, and monorail projects. He has worked with various private and public agencies to enhance railway operations. Mr. Gondron acquired his freight railroad experience by working with the Southern Pacific Transportation Company for 17 years as their senior regional track designer.

## GENE BOWLES, PE



### EDUCATION

BS Civil Engineering, Texas Tech University

### PROFESSIONAL LICENSE

2010, Professional Engineer, Texas #107166

### SUMMARY OF QUALIFICATIONS

Gene is a civil engineer with over 10 years of experience in various aspects of engineering and project management. His project experience ranges from initial planning studies and corridor assessments to detailed design and construction administration. As part of LJA's Rail Services team, Gene's primary focus is on the conceptual and detailed design of track improvements for BNSF and UPRR throughout Texas and the Midwest. Gene previously worked in Australia where he focused on rail and civil design in Central and Southeast Queensland.



BNSF GLENDALE



BNSF ARDMORE

## KYLE DENNIS, PE



### EDUCATION

BS Civil Engineering, Auburn University

### SUMMARY OF QUALIFICATIONS

Kyle is a project engineer with over five years of experience in various aspects of engineering and construction management. His project experience ranges from initial planning studies and corridor assessments to detail design and construction administration. He has worked on rail capacity improvement projects as well as automotive and intermodal expansion projects for BNSF throughout the Red River Division. His project experience also includes second mainline design projects for CSX in Alabama and Georgia.

## VICTOR ARCENEUX



### EDUCATION

BS Studies, Loyola University

### SUMMARY OF QUALIFICATIONS

Victor has over 40 years' experience in utility coordination and fiber optic engineering and installation, as well as supervising technical and professional team members. As a project manager, Victor has managed staffing, scheduling, and construction for railroad corridor jobs, working proactively to control costs and maintain project milestones. His extensive experience is further enhanced by an in-depth knowledge of CSX pipeline and wireline specifications, and outside plant engineering and construction standards.



BNSF MYKAWA



NORTONVILLE, KY

## DAVID ELDER



### EDUCATION

BS Civil Engineering, Old Dominion University

### SUMMARY OF QUALIFICATIONS

Dave Elder uses his experience in construction, subsurface engineering, operations, and utilities to deftly balance the challenge of administering large teams of engineers, while overseeing budgets and managing projects. His decades-long career includes an expertise in railroad engineering and overall operations.

## PATRICK DESMARAIS



### EDUCATION

BS Civil Engineering, Villanova University

### SUMMARY OF QUALIFICATIONS

Patrick is a talented and detailed-oriented professional, who has an extensive 15 year background in project management, project tracking, coordination, and review of utility and public improvement projects on behalf of Class I and short line freight railroads. He is successful in establishing, maintaining, and developing effective working relationships with clients and colleagues as well as providing high quality service when supporting multiple concurrent priorities and projects.



CSXT WOODRUFF, SC WATER MAIN



BAY COAST RAILROAD

## GABRIELLA DIAZ



### EDUCATION

BS Civil Engineering, Texas A&M University  
MBA, University of Texas - El Paso  
Six Sigma Green Belt Lean Certification, University of Texas at El Paso

### SUMMARY OF QUALIFICATIONS

Gabriella has been involved in railroad engineering management, design, construction management and maintenance over a 5 year period. Her railroad related experience involves structural and track design, track maintenance, inspection and on-site project and construction management. She has also been involved in construction estimating, manufacturing logistics, materials testing, and quality assurance and quality control. Since joining LJA Rail, Gabriella has been involved in Construction Management of public, private, and Class I Railroad projects in Texas.

## ALBERT ESPINOZA



### EDUCATION

BS Civil Engineering, Texas A&M University; Century Scholar

### SUMMARY OF QUALIFICATIONS

Albert's 6 year career of railroad engineering and construction experience involves maintenance, project design, and on-site project and construction management. He began his railroad career with Union Pacific Railroad, inspecting and managing maintenance crews on the Beaumont and Lafayette subdivisions. After gaining first-hand experience maintaining Class 1 Railroad, Albert served as a Project Engineer for Union Pacific in Omaha, NE, guiding capacity improvement projects through the design process. He also managed capacity improvement projects in the DFW area for UPRR. Since joining LJA Rail, Albert has been involved in Construction Management of public, private, and Class 1 Railroad projects in Texas and Nebraska.

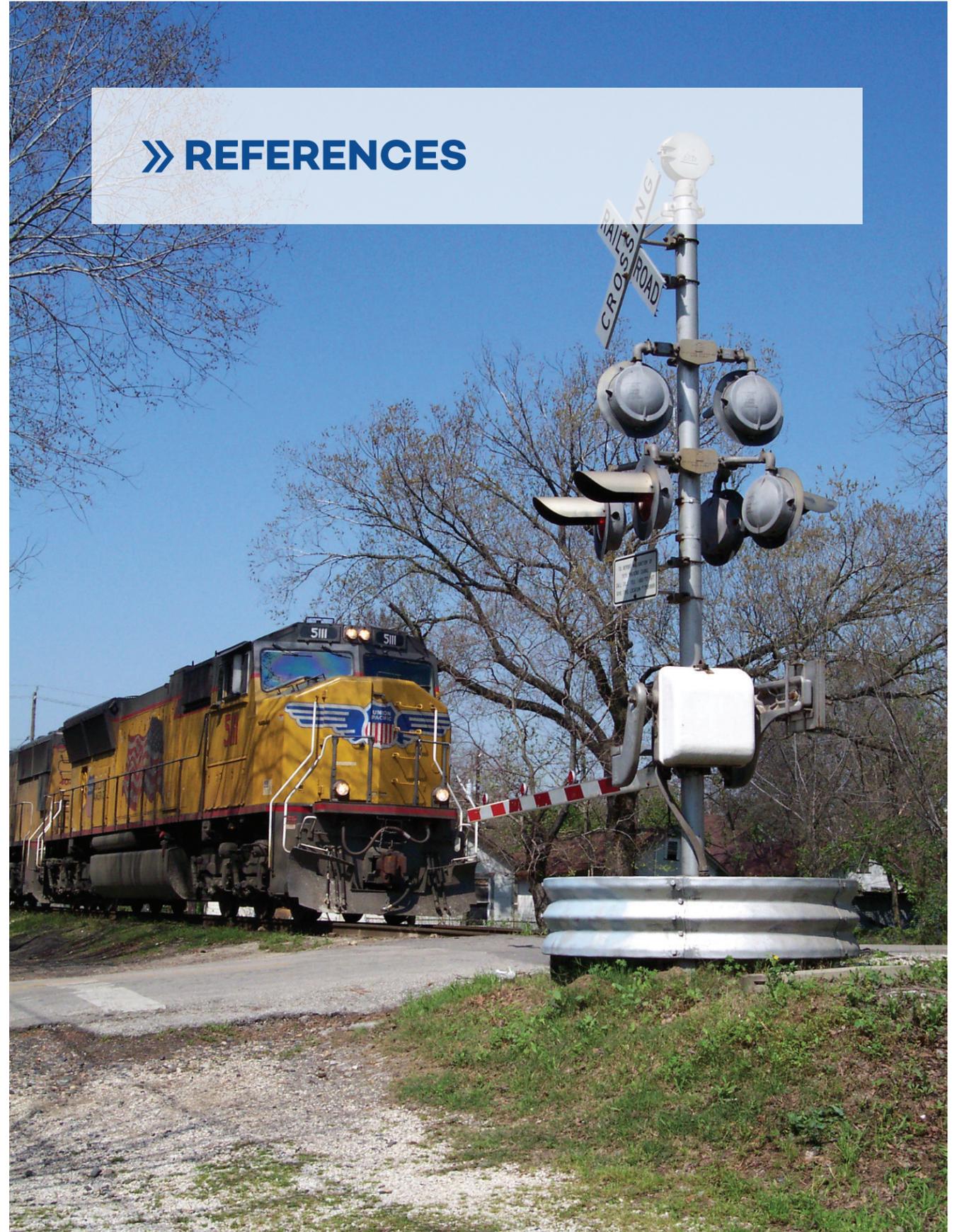


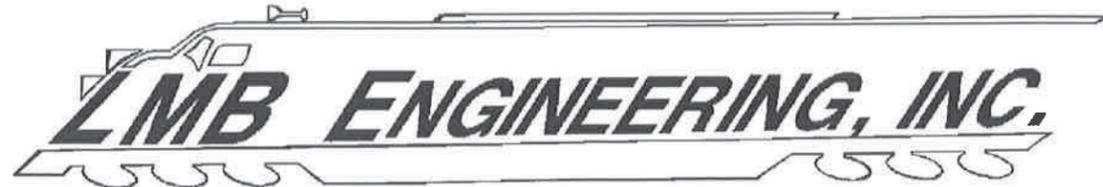
BNSF EL PASO



PASADENA RAIL YARD

## » REFERENCES





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281-558-5577

May 22, 2015

To Whom It May Concern:

As president and principal engineer of LMB Engineering, Inc., I have had the privilege of working with Mike R. Baker, P.E., Director of Rail Services at LJA Engineering, Inc. in numerous railroad engineering design and construction projects during the past several years. These projects include railroad bridge and track design and construction, feasibility studies, rail yard design and construction, drainage studies and railroad bridge project management and inspections for several domestic and international enterprises.

LJA's Rail Services Team possesses vast and comprehensive experience in the areas of railroad engineering, design and construction. This experience coupled with their in-depth understanding of project management and contracting principles, and their attention to safety and detail, makes LJA an extremely valuable asset to any public or private entity with an interest in the area of railroad engineering and construction.

I absolutely recommend LJA Engineering's Rail Services to any domestic or international company looking for a dependable group of professionals with a proven track record and a strong work ethic. Feel free to contact me should you need any more information, I will be happy to discuss the excellent qualifications of Mr. Baker and the LJA Engineering Rail Service Team.

Sincerely,

Basilio D. Lakas, P.E.  
President  
[Blakas@lmbengr.com](mailto:Blakas@lmbengr.com)

**LJA RAIL**



Jeffrey C Estes, PLS, EI  
Manager of Engineering  
Engineering Services

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June 9, 2015

Mike Mize, PE  
LJA Engineers, Rail Group  
2929 Briarpark Drive  
Houston, Texas 77042

Dear Mike,

It is with great pleasure to offer my recommendation of LJA Engineers, Rail Group has been one of my leading providers of engineering and construction management services for several years. The BNSF has benefitted from your team's railroad expertise, quality designs, cost-effective solutions, and responsive service.

The LJA Rail Group has a "can do" attitude and is committed to helping us reach our project goals, while focusing on safety, schedule, and budget. I have received many compliments from numerous departments within BNSF on your hard work and professionalism.

I appreciate the work LJA has done in the BNSF's Texas and Gulf Divisions. Your team has performed well on a variety of assignments, including planning studies, track and bridge designs, and facility expansions. I value the experience your team of railroaders brings to the field during construction and when problems arise on existing segments of the system.

Keep up the great work. I look forward to continuing our relationship as we expand the BNSF system to meet our customer's needs.

Best Regards,

Jeffrey C Estes

**LJA RAIL**



PORT TERMINAL RAILROAD ASSOCIATION  
8934 MANCHESTER STREET - HOUSTON - TEXAS - 77012-2149



WALTER JOHNSON  
CEO

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1/14/2015

Darrell Himel  
Port Terminal Railroad Association  
8935 Manchester Street  
Houston, Texas 77012

LJA has been our primary provider of Engineering services for the last three years. Their railroad expertise, Engineering experience, contracting experience, and their can do attitude has benefited numerous PTRA projects including yard designs, bridge designs, drainage improvements, and facility designs. Specifically, their value added designs meet our requirements for safety and minimal train traffic interruptions.

We plan to continue our successful professional relationship with LJA to progress our capital project programs. Their construction management team is well experienced and very familiar with the railroad practices we require as well as rules knowledge of railroad and other agents laws/rules.

I highly recommend LJA Engineering as a quality provider of Rail Engineering Services.

Darrell Himel  
Superintendent of Maintenance  
Port Terminal Railroad Association

March 5, 2018

Subject: Performance Review – LJA Infrastructure

All Concerned

It is with great pleasure to offer my recommendation of LJA as a quality provider of Rail Services.

LJA Infrastructure provided exemplary engineering and construction services in the development of our premier 500 car storage facility in Pasadena, Texas. Their railroad expertise, engineering experience, contracting experience, integrity and can do attitude led to the safe and successful completion of our project in record time and within budget, despite having to deal with the effects of Hurricane Harvey.

After speaking with references that knew and had worked with the LJA team, we decided that Design/Build was the development model we needed. We couldn't be happier with the results. The yard is state of the art, very high quality, with excellent drainage, security and designed for very efficient switching operations. These features mean high efficiency through minimal maintenance and operation costs.

LJA kept things simple for us, easy to understand and kept us well informed regarding the work, the schedule and the budget. They were truly our advocate from the initial planning of the project through commissioning the yard. They were extremely collaborative and ended up saving us a significant amount of money by continually value engineering and managing the process every step of the way. We look forward to continuing our successful relationship with LJA on future projects.

Sincerely,

Walter Johnson  
CEO – Pasadena Rail