



**Missouri's
Local
Program**
*for community
development*

COVER SHEET

(This must accompany your firm's letter of interest and does not count in the page limit)

Firm's Full Legal
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Bartlett & West, Inc.

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Work Category:

- Roadway Design
- Trails & Sidewalks
- Construction Inspection
- Traffic Engineering & TEAP
- Structures
- Environmental
- Historic Preservation
- Multimodal Planning / Systems and Facilities Design
- Transportation Planning – **NEW CATEGORY**

Bartlett & West is excited to provide multimodal design services to Local Public Agency (LPA) clients throughout the state of Missouri. Many communities have existing rail or port infrastructure that they would like to bring back into service or to expand and grow their community. Many times these projects can have accelerated timelines, making on-call consultant support essential.

Bartlett & West offers the expertise and resources to help LPAs meet these challenges. Our deep knowledge of both the railroad industry and the state of Missouri enables us to deliver innovative, practical solutions that keep projects on schedule and advance Missouri's multimodal transportation goals.

MULTIMODAL EXPERIENCE

Bartlett & West is a full service rail engineering firm that has extensive experience serving both railroads and shippers. We are frequently tasked with performing studies for municipalities, or a broader region, for strategic planning purposes.

Bartlett & West completed a study of all of the public at-grade crossings of the BNSF Hannibal Subdivision in Missouri to identify opportunities for safety enhancements. We are currently working with the MoDOT Multimodal team and the LPAs to deliver several projects that were identified in this study. One project is the closure of three at-grade crossings in Alexandria and the upgrade of an additional crossing from passive warning devices to flashing light signals with gates. We are also working on a project to upgrade flashing light signals and gates at eight existing crossings.

We have performed studies for Class I Railroads, such as BNSF, who requested we study one of their subdivisions through Arizona to determine potential alignments for an additional mainline track. We have also performed studies for shippers, such as the Trinity River Authority of Texas, who had us study potential transload locations and track arrangements for transporting products into and out of their facilities.

Bartlett & West also has experience working with passenger facilities. We were the design engineers for the renovation of the Amtrak Station in Lawrence,



Bartlett & West studied all public at-grade crossings of the BNSF Hannibal Subdivision in Missouri

Kansas. We are also completing a feasibility study for the town of Carrollton, Missouri to study potential sites for a new station.

Many of these studies become design projects and our team has over 45 years experience designing rail infrastructure. Our staff has designed mainline, siding, and industrial spur tracks for all of the Class I Railroads. We have designed infrastructure to serve numerous types of facilities for shippers.

Some of the design work we have done has also been for ports, such as a track design project for the Port of Port Arthur, Texas to add capacity for their rail-served operations. We are also working with several private clients on projects along the Mississippi River. In addition, our staff has worked in operations at a Class I Railroad, so we have first-hand knowledge of how freight is moved throughout the country.

GRANT FUNDING

Many large scale projects are funded by grants and it is important to know how to pursue and manage this funding in order to maximize the outcome for a project. We are currently working on multiple projects with various funding sources, such as CRISI and RRIF, and we are also in the process of pursuing funding through these programs for additional projects.

FAMILIARITY

The Rail team at Bartlett & West has a deep level of familiarity with the railroads in the State of Missouri. Our team is comprised of former railroad employees who have worked at BNSF, CPKC, and UPRR.

Bartlett & West has also mapped the entire BNSF network, including all types of crossings. We have processed LiDAR data for the entire KCS network and the US portion of the CP network. These railroads have since merged and are now the CPKC.

Our familiarity with the rail network across the state, in addition to our highway experience, will give us the ability to provide solutions that meet, or exceed, the needs and expectations of LPAs.

GENERAL EXPERIENCE & CAPABILITY

While Bartlett & West is very familiar with the rail lines in Missouri, our work for the railroads takes our projects all over the country and gives us unique perspectives on solving engineering problems. We will utilize this experience on any projects that are awarded to us through this on-call program.

In addition, Bartlett & West has a long history of serving communities through MoDOT's LPA Program. Over the past two decades, we have developed an understanding of LPA processes while providing engineering solutions for a variety of communities.

Bartlett & West is a full service company and we have built our reputation on delivering transportation and rail engineering projects of the highest quality within the tightest of schedules. We can ensure you that our multi-modal services will be completed with the same quality and attention to detail that MoDOT has come to expect from a typical Bartlett & West project.

ABILITY TO MEET DEADLINES

Our team understands the importance of meeting schedules for MoDOT. On the recently completed study of public at-grade crossings along the BNSF Hannibal Subdivision for MoDOT, within two weeks of NTP our staff was mobilized and collecting field data for the study. Our Project Manager also worked on a team to complete an emergency bridge design project for MoDOT in Ozark County which had to be designed in 23 days due to extensive flooding and impacts to the travelling public in that region.

PROJECT TEAM

Our team will be led by **JD Reitingner, PE**, who has been at Bartlett & West for 15 years. JD is a Project Manager on the Rail Engineering team and also has several years of experience leading the design of LPA projects in Missouri. JD understands the importance of communication and will make sure that LPA staff is aware of the status of the project at all times and have sufficient opportunity for feedback. His experience in rail design and attention to detail will ensure that any on-call projects are performed efficiently to meet the schedule.

Alan Derner, PE, leads our Rail Engineering team and will be overseeing the team for any on-call projects we are awarded in this category. Alan has worked in the railroad industry for over 40 years and will also serve as the QA/QC Manager. Alan previously worked for 10 years with a Class I Railroad before joining Bartlett & West's Rail Engineering team. Alan's understanding and first-hand knowledge of railroad design standards, operations, policies and regulations make him an invaluable resource for our design team and clients.

Scott Walburn is a Senior Project Manager on our Rail Engineering team. Scott has worked in the railroad industry for 20 years. He began his career at BNSF where he worked for seven years and he also spent nine years working at KCS. Scott's main background is in industrial development, but he has also worked in railroad operations. His understanding of the inner workings of railroads and his many relationships across the industry will serve as a crucial component on this team.

Mike Larsen is an Engineering Specialist on our Rail Engineering team. Mike has 47 years of experience in the railroad industry, starting with 25 years at the Union Pacific Railroad, where he served as a Public Projects Manager. Mike then moved to the consulting side, continuing work with the Public Projects teams with various railroads. His decades of experience working with railroads and municipalities to identify and negotiate grade crossing improvements are invaluable to this team.

Missy Wilbers, PE, will be supporting this team in a QA/QC role and as a MoDOT liaison. Missy spent 27 years at MoDOT, including three years as the Railroad Projects Manager. Her knowledge of MoDOT and how the MO-RR team operates will be essential in delivering projects seamlessly for LPAs.



RELEVANT PROJECTS

MoDOT Highway - Rail Crossing Safety Improvement Study

Bartlett & West performed a study for the MoDOT MO-RR Division to identify opportunities for safety enhancements along the BNSF-Hannibal Subdivision in Missouri. The study reviewed 90 public at-grade crossings to identify opportunities to enhance safety and then place the improvements in tiers based on the timeframe to implement them. Improvements identified by this study are currently being implemented in several communities within this BNSF-Hannibal Subdivision.

Contact

Alex Seda

MoDOT Multimodal Division
Railroad Projects Manager
573.526.0742



Trinity River Authority of Texas - Railway Master Plan

The Trinity River Authority of Texas selected Bartlett & West to develop a master plan for rail upgrades and improvements at their Central Regional Wastewater System facility. These upgrades included replacement of the existing track and new tracks to serve a chemical containment building, which is currently in final design. In addition, the master plan included evaluation of a process to load biosolids into railcars and transport them to an off-site transload facility.

Contact

Tania Ho, PE

Trinity River Authority of Texas
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Services, Facilities
817.493.5133

BNSF Railroad - Flagstaff Corridor Study

Contact

Cheryl Townlian

BNSF Railway
Director of Public Projects
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This project consisted of a study of the corridor to understand the operational needs and the dynamics surrounding multiple other public projects in the area. The project included a railroad overpass, 5.5 miles of new third main track, and coordination with the City of Flagstaff for improvements to at-grade crossings. This study also looked at ways to prevent trespassing and incorporated an additional siding track on the south side to allow BNSF operations to switch multiple customers without entering the mainline.

Port of Port Arthur - New Railroad Design

The Port of Port Arthur requested engineering services for the design of a new track, partial realignment of existing track and additional paved storage areas to add efficiencies for service from Kansas City Southern Railway in addition to helping the Port with its internal railcar movements.

Contact

Ed Long, PE

Port of Port Arthur
Director of Engineering
409.983.2011



City of Garland, Texas - Crossing Surface Improvement Study

The City of Garland requested assistance from Bartlett & West in evaluating the condition of seven existing at-grade crossings that have received consistent complaints about the roughness of their surface. Three of these crossings are with the DGNO, a shortline owned by Genesee and Wyoming, and four crossings are owned by the CPKC. We mobilized a team to review conditions and collect data and we are generating a report of our

findings and proposed improvements. This report is being used to develop a scope for improvement projects. Bartlett & West is assisting the City in identifying funding opportunities in addition to design and railroad coordination.

Contact

Tye Tingey, PE, LSIT

City of Garland, Texas
Senior Civil Engineer
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