



CITY OF SOUTH BEND
Coal Line Trail (Phase IIB)
Construction Inspection Services

August 23, 2022



Coal Line Trail (Phase IIB) CITY OF SOUTH BEND

LOCAL EXPERIENCE, RESPONSIVENESS, COMMUNICATION, COMMITMENT, AND SAFETY - These are key ingredients of a successful project/team. The new trail will provide a vital link in our community's trail network. We have assembled a Construction Inspection Team that epitomizes these ingredients for success. As your partner, we will work on your behalf to meet your budget and schedule, to minimize issues, and to take this project to completion.

A PROJECT APPROACH THAT WORKS - A successful project requires skilled construction observation staff and a thorough understanding of the plans, site conditions and local and INDOT requirements. A proven project understanding/approach is detailed on pages 6 through 8 of this proposal. A well-managed project can be completed efficiently, on-time, safely, without accidents, incidents, or excessive disruption to traffic, with quality construction and regular communication to the local community. DLZ's relevant experience, communication practices, and local presence will support a project that will make you and your community proud.

LOCAL PROJECT FAMILIARITY - Working around and in the St. Joseph River can present significant challenges that demand immediate reaction and attention. Our project team is locally based, ready to respond at a moments notice, 24/7, to help meet your goals. DLZ Field Services personnel and our subconsultant live and work in the South Bend area.

A FIRM WITH SEASONED CONSTRUCTION INSPECTION EXPERIENCE - DLZ is a recognized leader in the construction field with one of the largest INDOT approved construction inspection teams in the State. Brad Dailey, Project Manager, and Steve Menis, our proposed Project Engineer, have a combined 46 years of construction experience delivering similar projects like the Coal Line Trail project. Providing a highly experienced project team for the City is our highest priority and is critical to producing quality and long lasting transportation projects.

COMMUNICATION AND COORDINATION - Effective communication and coordination are essential to the success of any project. Under direction of the City, we will coordinate with all stakeholders on this project to keep you informed of the work schedule and critical deadlines. A successful project relies on prioritizing these key elements. As local officials, you must be informed and aware as issues are identified and resolved.

COMMITMENT TO SAFETY - As one of our core values, safety is a fundamental part of the DLZ culture. It is of utmost importance that project personnel arrive home safely to their families at the end of each day. A complete understanding of the contractor's planned work and safety plan is a cornerstone of the DLZ philosophy. All of DLZ's field services team is a minimum of 10-hour OSHA Construction Safety trained.

The City of South Bend can place its trust in DLZ as your partner. It is our goal to bring to you the key ingredients to contribute to the successful completion of this very important project while meeting and exceeding your expectations for Quality, Schedule and Performance and staying within the project budget. Thank you for this opportunity and your consideration of our firm for this project.

Respectfully submitted,

DLZ INDIANA, LLC

Andrew C. Lemberis, PE | Vice President

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TEAM PARTICIPATION

DLZ Indiana, LLC | 97%

McCormick Engineering, LLC (DBE) | 3%

DLZ Indiana, LLC

2211 East Jefferson Boulevard
South Bend, IN 46615
574.236.4400 | www.dlz.com

Authorized Negotiator

Andrew C. Lemberis, PE
Vice President
574.514.3713 | alemberis@dlz.com



Our #1 priority is maintaining the highest possible quality of construction work through the DLZ Team's extensive inspection of the work.



Responsiveness

We believe in the adage that **"time is money"**.

We will develop a thorough understanding of your project before construction begins, so that we may respond to contractor questions and site situations quickly without delaying the project.

Project Understanding & Approach

- Through local knowledge, site visits, and listening to the City's concerns, we developed an approach for a successful project.
- We have chosen a team of highly qualified and experienced DLZ and McCormick Engineering, LLC personnel to work alongside our Project Engineer, Steve Menis and Project Manager, Brad Dailey, PE.
- Steve and Brad are effective communicators that take pride in building trusting relationships with the client team, which contributes to successful project delivery.

Project Management Team

- Brad has 24 years of experience and has been working on INDOT projects since 1998.
- Steve has over 22 years of experience and has completed multiple trail projects in North Liberty and Mishawaka.

Team's Demonstrated Qualifications

- Brad and Steve have previous experience successfully working with INDOT Area Engineers, including Steve Hauersperger who is the Area Engineer for this project.
- DLZ has worked on INDOT and LPA projects throughout the state serving as extension of staff from INDOT and LPA's.
- We have experience and the understanding of working on trail projects.

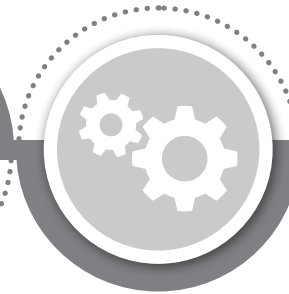
Capacity of Team To Do Work

- Brad and Steve and the entire DLZ Team listed will be dedicated and available as requested. They will be committed to the project for the duration required.

WORKFLOW MANAGEMENT



Schedule and facilitate meetings for all stakeholders, including progress meetings.



Establish and confirm expectations and goals for all stakeholders.



Clearly communicate through meeting minutes/summaries and time-critical action items.



Return phone calls and emails the same business day or within 24 hours.

WHY SELECT OUR TEAM?

We believe that it's not just what we do, it's how we do it. That's why we proactively manage our relationships with clients. As a rule, clients don't simply want to be notified when the job is done—they want to be kept up to speed. So we listen, we communicate, and we deliver. For us, the ultimate reward is a happy client. We believe every job is different, and that we owe it to you to never make assumptions. Sure, we have plenty of experience, but we realize your needs are unique—so we won't take anything for granted. We believe working hard for our clients is its own reward. That's why we're proud to stand behind the projects we work on. Besides, the majority of our business is from repeat customers. That's a testament not only to the quality of our work, but also to the quality of our client service.



Identification

DLZ Indiana, LLC

We focus on meeting and exceeding our clients' expectations and are known for our expertise, integrity, and contributions to the people and communities we serve. A family- and minority-owned, full-service firm, DLZ's multidisciplinary, collaborative approach to professional services allows us to build and lead successful project teams that provide solutions that save money, improve operations, and solve problems.

OUR VISION IS SIMPLE: Create successful partnerships with our clients that facilitate trust, commitment, and communication.

Construction Services

DLZ is a recognized leader in the construction inspection field with one of the largest INDOT prequalified construction inspection (13.1) teams in the State. Through our work experience over the years with local

governments and INDOT, our DLZ team has developed excellent relationships and a great understanding of the needs of each type of organization and specifically INDOT-LPA projects. We have developed strong professional partnerships with the INDOT Area Engineers and many of the INDOT Project Managers. **These overall capabilities, our established working relationships, and our ability to work efficiently, demonstrates our high level of commitment and qualifications to perform the required services on this contract.**

McCormick Engineering, LLC

McCormick Engineering, LLC (McCormick) is a local consulting firm providing professional services for both the public and private sector since 2008. McCormick is an Indiana Certified DBE/WBE firm.



PROJECT TEAM

City of South Bend
INDOT

Principal in Charge

Andrew C. Lemberis, PE

INDOT LaPorte District Construction-Area Engineer

Steven Hauersperger, PE

Project Manager

Brad A. Dailey, PE

Project Engineer

Steve Menis

Inspection Team

Eli Jang (DLZ)
Tracy McCormick, PE (McCormick)



PROJECT ENGINEER

Steve Menis

Steve has 22 years of experience performing construction supervision, administration, inspection, testing and final records documentation for various construction projects. He has performed construction inspection and testing services on four of INDOT's largest projects. Steve has been the project engineer for a variety of INDOT projects, which include road resurfacing, road reconstruction, bridge rehabilitation and bridge replacement. He also has design experience in both highway and public works projects. Steve has performed topographical surveys as well as material testing on several private developer projects. He is proficient in all the construction administration, inspection and testing procedures of INDOT.

Relevant Experience

- INDOT Contract R-39089 Stellar Trail, North Liberty, Indiana
- INDOT Contract R-37347 Tamarack Trail, North Liberty, Indiana
- INDOT Contract R-37346 Wrenwood Multi-use Trail, North Liberty, Indiana
- INDOT Contract R-37503, 12th Street Reconstruction (Campbell Street to Downey Avenue), Mishawaka, Indiana
- Douglas Road and Grape Road Eastbound Right Turn Lane, PCCP Patching, Road Reconstruction and Widening, Mishawaka, Indiana

- **QUALITY.** It's critical on a project, that standard processes and procedures be followed by all team members to ensure the integrity of the information. *Maintaining quality construction is job #1 for the DLZ Team.*
- **COMMUNICATION.** Good communication must be specific to the designated audience to be effective. DLZ understands this dynamic and can ensure that good communication will start on day one. There are various audiences and types of communications on a project. The highest priority communications are those related to the safety of the public and workforce on site. A detailed communication plan for the project will be developed for both inter and intra project communications.
- **SCHEDULE.** DLZ will work tirelessly with utilities and all contractors to keep the project on schedule, but we will not sacrifice the quality of construction to maintain schedule.
- **TEAMWORK.** The DLZ Team will function seamlessly as a single unit regardless of company affiliation. The staffing plan was developed based purely upon expertise while also including our DBE/WBE partner, McCormick Engineering, LLC. We will function as an extension of the City's staff all working toward the common goal of a successful project.
- **COST CONTROL.** The DLZ Team will be constantly vigilant for cost saving opportunities on the project. This can be accomplished through various avenues including value added opportunities, change order management, identifying potential prior to causing a delay, and managing inspection staffing levels.



Stellar Trail - North Liberty



PROJECT MANAGER Brad A. Dailey, PE

Brad has 24 years experience in the construction industry. He is currently involved in numerous construction projects including all types of road, bridge, traffic and building projects. As the Division Manager for DLZ's Construction operations, Brad is a hands-on leader and is responsible for quality control, scheduling, and financial management of field services professional services contracts. His responsibilities also include administrative management of the division and project coordination of its professional staff, as well as a project technical resource for negotiating with contractors and resolving project issues during construction.

Relevant Experience

- INDOT Contract R-39089 Stellar Trail, North Liberty, Indiana
- INDOT Contract R-34602 Pennsy Greenway Trail Phases II and III, Schererville, Indiana
- INDOT Contract R-38061 LaSalle Trail Phase III, St. Joseph County, Indiana
- INDOT Contract R-37347 Tamarack Trail, North Liberty, Indiana
- INDOT Contract R-37346 Wrenwood Multi-use Trail, North Liberty, Indiana
- INDOT Contract R-38150 US 30 Multi-use Trail Phase 2A, Valparaiso, Indiana
- INDOT Contract R-37372 Calumet Avenue Multi-use Trail, Valparaiso, Indiana



A TEAM BUILT FOR PROJECT SUCCESS!



ELI JANG | Inspector



Eli is a recent graduate of Purdue University. Since joining DLZ, Eli has performed construction inspection on several Local Public Agency projects. She has experience in the observation and documentation of various aspects of road construction including asphalt pavement, concrete curb, sidewalk, as well as water main and storm sewer installation.

- Mishawaka City Project ENT-21-024, Intersection Improvements to Front Street, Main Street, and Church Street, Mishawaka, Indiana
- Mishawaka City Project ENT-22-010, 2022 Community Crossing Project, Jefferson Boulevard Reconstruction and Resurfacing of Byrkit Avenue, Mishawaka, Indiana
- Mishawaka City Project ENT-20-014, Niles Avenue Reconstruction, Mishawaka, Indiana



TRACY MCCORMICK, PE | Inspector



Tracy is experienced in the planning, design and construction observation of civil engineering projects. She is Co-founder of McCormick Engineering, LLC, a firm recognized by the State of Indiana as a Women's Business Enterprise (WBE) and Disadvantaged Business Enterprise (DBE).

- Cleveland Road and Ash Road Roundabout, St. Joseph County, Indiana
- Gumwood Road Reconstruction, Phase I and II, St. Joseph County, Indiana
- Landscaping and Beautification of Michigan Street, New Carlisle, Indiana
- Olive and Sample Roadway Reconstruction, South Bend, Indiana
- Edison Road Auxiliary Lane, South Bend, Indiana
- Michigan Boulevard Reconstruction, Michigan City, Indiana
- 169th Street Reconstruction, Hammond, Indiana
- 45th Avenue Reconstruction, Lake County, Indiana
- Old US 30 Improvement and Streetscape, Kosciusko County, Indiana

PROJECT UNDERSTANDING

Construction of the City's Coal Line Trail has been a multiphase project. With the first phase of construction complete, the City is now looking to cross the St. Joseph River and connect at the east end to the existing East Bank Trail. Originally proposed as a single project, the remainder of this connection is the railroad bridge crossing the St. Joseph River connecting to the existing Riverside Trail on the west end.

This project, INDOT Contract B-44292, is scheduled for the September 14, 2022 INDOT letting. With most of the onsite construction anticipated to take place in spring 2023, a fall letting will allow the successful Contractor the ability to begin cleaning and rehabbing the existing structural steel, and also to order long lead time materials. The time between a fall 2022 letting and spring 2023 start will also allow for tree removal to take place between the October 1 and March 31 window to comply with Indiana Bat requirements.

Overall construction of the Coal Line Trail will be to provide a trail connection between the existing Riverside Trail on Riverside Drive, and the East Bank Trail just west of North Michigan Street. This project, Phase IIB, will construct the connection at Riverside Trail and river crossing, using an abandoned Norfolk Southern (NS) railroad bridge. Future construction will complete the remainder of the trail connection from the bridge to the East Bank Trail.

Rehabilitation of the NS bridge will involve cleaning and painting of the existing structural steel. Once the beams are released at their ends, they will be raised and supported for cleaning and painting. Work on the structural steel, over the river, will be challenging and will require careful monitoring for protection of the river from work activities and debris. Once the beams are reset, construction will focus on the placement of the new concrete deck and bridge railings



Proposed Plaza Location

To complete the connection to the Riverside Trail, a node will be constructed at the west end of the bridge. Construction of the enlarged node will include bike racks, a bike repair station, drinking fountain, benches, trash receptacles, a pavilion, and lighting. Wayfinding signs and landscape plantings will also be installed.

BRIDGE REHABILITATION

Challenge

The project includes the rehabilitation of the existing Norfolk Southern Railroad Bridge. Although the overall bridge is structurally sound and the piers are in good shape, unforeseen items can quickly derail a project schedule and/or budget if not caught early.

Solution

Knowing what to look for and where to look is critical in bridge rehabilitation. Prior to any bridge work beginning, Steve will work with the contractor to safely begin looking at the piers, abutments, and structural steel to identify any items that may have been overlooked. Identifying poor concrete for patching or cracks that may need epoxy injection are some of the items that can be identified early for repair and coordinated with other bridge work, preventing delays to the overall project schedule.



Existing Bridge Bearings



Existing Railroad Bridge Looking West

PROJECT MANAGEMENT APPROACH



QUALITY: Using best practices and guidance from the City, our team will develop standards for the bidirectional flow of information between the field and the office. On a project with direct impacts to so many stakeholders, it is critical that standard processes and procedures be followed by all team members to ensure the integrity of the information.



TEAMWORK: As an extension of your staff, DLZ will work with you toward the common goal of a successful project. DLZ will be the central component of the overall project team consisting of the City, INDOT, and DLZ.



COMMUNICATION: There are various audiences and types of communications on a project of this type. The highest priority communications are those related to the safety of the public and workforce on site. A detailed communication plan for the project will be developed for both inter and intra project communications, including a robust plan for needs related to public outreach.



SCHEDULE: We understand that delivery dates are crucial on this project as delays can affect when the unrestricted use of the trail will be available. The contractor's schedule will be monitored regularly, and any deviations will immediately be brought to the contractor's attention for resolution.



COST CONTROL: The DLZ team will be constantly vigilant for cost saving opportunities on the project. This can be accomplished through various avenues including value added opportunities, change order management, identifying potential issues prior to causing a delay, and managing inspection staffing levels.



SAFETY AND WORK SITE MANAGEMENT: Safety of the worker and public are of utmost importance. For this project, eliminating pedestrian and worker interactions that could create unsafe conditions will be critical. The team will scrutinize the staging, proposed work plan and address deficiencies. We will communicate with the City to inform you of changes to site access in order to notify the public and monitor safety and mobility.



PROJECT EXPERIENCE

DLZ professionals strive to provide unmatched client service while meeting all of a project's objectives. The firm's engineers, architects, planners, and technical support staff are innovative and understand that every project is different. The professionals at DLZ have the experience and expertise to realize that each client's needs and wants are unique. We approach each project with this in mind and we stand behind the work that we do.



FREEDOM BRIDGE OVER HOOSIER HEARTLAND HIGHWAY (SR 25)

Delphi, Indiana

The Freedom Bridge was built in 1897 over the White River near Freedom, Indiana. The bridge was dismantled in 2002 and moved to Conner Prairie to be reconstructed there. But plans changed, and the City of Delphi was fortunate to obtain the bridge for use as the new connecting link for the historic Monon Trail. The development of the Hoosier Heartland Highway (SR 25) severed the trail. But the Freedom Bridge will now span the highway to reconnect the trail, reconstructing a bit of history into the surrounding agricultural historic district.

The project was developed thru combined funding from the Federal Transportation Enhancement and "Major Moves". The design reconstructs the 302 foot thru truss bridge for a pedestrian loading. Subdued lighting highlights the structure for the public traveling on SR 25. Also incorporated into the design are plazas located at each end of the bridge. These plazas provide seating utilizing limestone blocks, signing is provided to tell the historical story of the bridge and the significance of the Monon Trail.



LASALLE TRAIL, PHASE III

St. Joseph County, Indiana

DLZ provided construction engineering services for the extension of the LaSalle Trail shared use path from Auten Road to the Indiana/Michigan State Line. Work included construction of ADA compliant infrastructure with trail being 10 feet wide and hard-surfaced concrete pavement with 2-foot shoulders. The length of the path is 5,700 feet.

The path follows the alignment on the existing former railroad bed and aligns with the trail from the previous phase, LaSalle Trail Phase II. Coordination was required to align the path from the south side of State Line Road to the north side with the existing IN-MI River Valley Trail.



TAMARACK TRAIL

North Liberty, Indiana

Construction engineering services were provided for the construction of a new 4,600-foot asphalt trail from Quinn Road to Wabash Avenue. The trail connects the North Liberty Community Center to the North Liberty Youth League Ballpark along the abandoned railroad corridor (formerly Indiana, Illinois, and Iowa Railroad). Approximately 2,200 feet of woods were cleared as part of the project. Construction of the project also included subgrade treatment, compacted aggregate, and seeding. Coordination for the project included maintenance of traffic, staging of construction, construction schedule, and material testing.



STELLAR TRAIL

North Liberty, Indiana

Construction engineering services were provided for the construction of a new 4,600-foot asphalt trail that connects Tamarack Trail to School Trail. A 400-foot boardwalk was constructed along an existing wetland area just east of North Liberty School. The boardwalk consisted of helical piles, concrete end bents, and treated lumber. Construction of the project also included subgrade treatment, compacted aggregate, and seeding. Coordination for the project included maintenance of traffic, staging of construction, construction schedule, and material testing.



PENNSY GREENWAY TRAIL PHASES II AND III

Schererville, Indiana

DLZ was retained by the Town of Schererville Parks and Recreation Department to provide the design and construction engineering services for the second and third phases of the Pennsy Greenway Trail. This 3.5-mile section of the trail received Transportation Enhancement funding and lay within a high priority corridor.

The project extended from Schererville Town Hall northwesterly along the abandoned Penn Central railroad corridor to Main Street. This phase connects to existing trails at both termini. The project completes a nine-mile continuous section of the trail in Indiana. Also included with the trail is a trailhead, Hawk pedestrian traffic signal, retaining wall, decorative fencing, two parking lots, trail signage, and wetland mitigation. DLZ performed construction engineering, materials testing, and record keeping in conformance with INDOT and FHWA guidelines.



WRENWOOD TRAIL

North Liberty, Indiana

DLZ provided construction engineering services for the construction of a new asphalt trail from North Liberty School to the Potato Creek Crossing Subdivision. A new 70'-2" Pre-Engineered Steel Truss Bridge was constructed over Potato Creek. The bridge consisted of steel piling, concrete end bents and reinforced concrete bridge approaches. Construction of the project also included subgrade treatment, compacted aggregate, curb ramp, and landscaping. Coordination for the project included maintenance of traffic, staging of construction, construction schedule, and material testing.



US 30 SHARED USE PATH

Valparaiso, Indiana

DLZ was retained to provide construction observation and management services for a shared use path along US 30 in Valparaiso from Hayes Street to Washington Street. The project included approximately one mile of 10-foot-wide asphalt/concrete path with lighting. A new pedestrian bridge, retaining walls, storm sewer, and pedestrian upgrades to four existing signals was also included. The project was federally funded through the City of Valparaiso along the INDOT owned roadway.

DLZ was a subconsultant during the preliminary engineering phase but became the lead firm for construction observation at the request of the City.

Des. #: 2200199

Affirmative Action Certification (AAC) for Disadvantaged Business Enterprises (DBE)

I hereby certify that my company intends to affirmatively seek out and consider Disadvantaged Business Enterprises (DBEs) certified by the State of Indiana’s DBE Program and the Kentucky Transportation Cabinet (KYTC) DBE Program to participate as part of this proposal. An Agreement between INDOT and KYTC established reciprocal acceptance of certification of DBE firms in their respective states under the Unified Certification Program (UCP) pursuant to 49 CFR §26.81(e) and (f).

I acknowledge that this certification is to be made an integral part of this proposal. I understand and agree that the submission of a blank certification may cause the proposal to be rejected. I certify that I have consulted the following DBE websites to confirm that the firms listed below are currently certified DBEs:

INDOT: <https://entapps.indot.in.gov/DBELocator/>

KYTC: <https://transportation.ky.gov/Civil-Rights-and-Small-Business-Development/Pages/Certified-DBE-Directory.aspx>

I certify that I have contacted the certified DBE’s listed below, and if my company becomes the CONSULTANT, these DBEs have tentatively agreed to perform the services as indicated. I understand that neither my company nor I will be penalized for DBE utilization that exceeds the goal. After contract award, any change to the firms listed in this Affirmative Action Certification to be applied toward the DBE goal must have prior approval by INDOT’s Economic Opportunity Division.

I. DBE Subconsultants to be applied toward DBE goal for the RFP item:

Certified DBE Name	Service Planned	Estimated Percentage to be Paid*
McCormick Engineering, LLC	Construction Inspection	3 %
		%
		%
		%

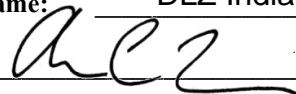
II. DBE Subconsultants to be utilized beyond the advertised DBE goal for the RFP item:

Certified DBE Name	Service Planned	Estimated Percentage to be Paid*
		%
		%
		%
		%

Estimated Total Percentage Credited toward DBE Goal: 3%

Estimated Percentage of Voluntary DBE Work Anticipated over DBE Goal: _____

Company Name: DLZ Indiana, LLC

Signature:  Date: August 23, 2022

* It is understood that these individual firm percentages are estimates only and that percentages paid may be greater or less as a result of negotiation of contract scope of work. My firm will use good faith efforts to meet the overall DBE goal through the use of these or other certified and approved DBE firms.

Indiana DBE Certification Program

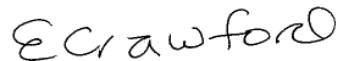
In accordance with 49 CFR Part 26 as published in the code of federal regulations, the Indiana Department of Transportation acknowledges

McCormick Engineering, LLC

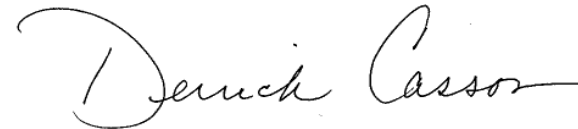
as a certified DBE in the State of Indiana.

Date Issued:01/26/2017

No Change Affidavit Due:12/31/2022



Elizabeth Kiefner Crawford, Director
Economic Opportunity Division



Derrick Casson, Certification Manager
Economic Opportunity Division

(Reference the Indiana Department of Transportation's DBE Public Search at
<http://www.in.gov/2674.htm> for the most current information regarding this certification)

