



**Employment Opportunity Announcement: NICTD
Lead Civil/Rail Engineer
Contract-to-Hire Position**

The Northern Indiana Commuter Transportation District (NICTD) owns, operates, and maintains the South Shore Line (SSL) passenger rail service.

NICTD is seeking a qualified and experienced candidate to be considered as its Lead Civil/Rail Engineer for two major capital projects that the railroad is currently undertaking; the Double Track NWI and West Lake Corridor Projects. Reporting to the Project Manager for each job, the Lead Civil/Rail Engineer shall provide guidance and direction in all Engineering design and construction management related activities for both projects and have the ability to mentor and lead more junior level staff.

This is a unique opportunity to help shape the future of both the South Shore Line and the regional economy for the next 100 years. The successful candidate will join a team that is dedicated to successfully completing these capital investment projects on time and within budget.

Description

The duties include, but are not limited to, the following:

- Perform advanced duties related to engineering design and construction management. Also develop and apply design criteria, engineering standards, and quality control procedures.
- Serve in a lead engineer type of capacity, by helping direct other in-house engineering staff and third party contractors with activities and assignments, and review their work to ensure conformance to the appropriate standards.
- Supervise the preparation of contract documents and supporting documents consisting of drawings, specifications, construction schedule/cost estimates, and construction staging and

phasing. Audit consultant prepared designs and track their progress. All final design documents shall be reviewed for accuracy and quality to allow for proper bidding.

- Provide design support during construction. Review and provide acceptance of both design and construction submittals, detailed erection and installation drawings, as well as any changes to accepted design standards in order to determine the most reliable and cost effective means.
- Participate in hazard and risk analyses, value engineering analysis, and schedule reviews.
- Provide training and guidance to other NICTD staff on engineering related issues, as required.
- Provide support to each Project Manager by identifying engineering related issues, evaluating alternative solutions, and providing recommendations.
- Attend and participate in professional and technical organizational group meetings. Maintain an awareness of new trends and developments in the railroad industry related to engineering, maintenance, operations, and construction.
- Develop and interpret detailed technical requirements and scoping documents. This includes supervising and directing staff in the preparation of Scopes of Work and Requests for Proposals, for both design and construction management contracts.
- Direct engineering field work as needed, and investigate and resolve any problems that come up in the field.
- Collaborate and work effectively with multiple departments and personnel.
- Coordinate and negotiate with public agencies to meet permit requirements and make recommendations to upper management on construction standards and protocols.
- Prioritize work load and complete projects and assignments with accuracy and timeliness.

Position Requirements

The following qualifications and skills are required, or highly desirable, as stated below:

- Bachelor's Degree in engineering (civil or structural preferred), engineering technology, or closely related field; AND a minimum of twenty (20) years of railroad design and construction experience, including significant project management experience preferably in a rail or transit related operating environment; OR the equivalent combination of education and experience.
- Demonstrated supervisory experience (minimum of 5 years) overseeing the planning and design of both routine and large scale building and bridge construction projects.
- Experience with transit infrastructure projects funded by the FTA is preferred.
- Someone with a comprehensive knowledge of engineering/structural principles, as well as structural inspection experience is highly desired.
- Proficient in steel and concrete design.
- Familiarity with AREMA, FRA track safety standards, IBC, ADA, ASTM, AISC, and AASHTO guidelines and standards is required.
- Knowledge of pertinent Federal, State, and local laws, codes, and regulations as they apply to engineering and transit programs and operations, including municipal codes, design and construction standards, and planning documents.
- Familiarity with industry safety regulations and best practices.

- A substantial understanding of the bridge design process, including the construction phase. Also, experience with shoring and retaining wall design, as well as general foundation calculations.
- Have the ability to work independently and demonstrate advanced problem solving skills.
- Possess the ability to organize, analyze, interpret, and clearly explain both operational and technical information in simple terms.
- Current registration as a Professional Engineer issued by the State of Indiana is highly desirable.
- Excellent verbal and written communication skills.
- A self-starter mentality with the ability to address multiple priorities and meet deadlines.
- Proficient in Microsoft Office (i.e., Word, Excel, PowerPoint, etc.), and have a familiarity with project management and construction management software including MS-Project, P3, e-Builder, and ProjectWise. A knowledge of CADD is also required.
- Must have a valid driver's license and no recent drug, alcohol, or felony convictions.
- Must pass all required assessments and background screenings.

Schedule

The anticipated normal working days are Monday through Friday with office hours of 8:00AM – 5:00PM. Evening and weekend work may occasionally be required based on project and operational needs. Occasional travel may also be required to meet with consultants, vendors, professional associations, and others.

Salary and Benefits

The annual salary is projected within the range of \$100,000 to \$110,000 based on educational background, skills, and work history. As mentioned earlier, this is a contract-to-hire position. The contract is expected to last about five (5) years. Upon contract completion, the District may offer the manager another at-will opportunity with responsibilities and salary to be determined at that time. Full time management employment benefits such as, but not limited to, health insurance, vacation, Railroad Retirement Board benefits, and supplemental pension are included. Further details are available during the interview process.

How to Apply

Deliver, mail, fax, or e-mail a resume outlining your training, experience, and work history no later than 1 p.m., July 2, 2018, to NICTD's Director of Human Resources & Labor Relations at the address listed below. A cover letter is also encouraged, but not required. Late applications resumes will not be accepted, nor will NICTD accept responsibility for misdirected, lost, or misaddressed resumes. Apply early for consideration; NICTD reserves the option to close this opportunity before the stated deadline. Any applicant who desires confirmation that a resume has been received is encouraged to either hand deliver

their materials or send them by certified mail. Submission of an application does not guarantee an interview.

Deliver all resumes to:

Director Human Resources & Labor Relations

Northern Indiana Commuter Transportation District

Attn: Lead Civil/Rail Engineer

601 N. Roeske Avenue

Michigan City, IN 46360-2669

Fax: (219) 872-5841

E-Mail: bjarne.henderson@nictd.com

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