

Engineer-in-Training (Construction)

Location: Houston, TX

Reports to: Project Manager

Years of experience required: 5 years minimum

Binkley & Barfield, Inc. (BBI) is an employee-owned, multi-disciplined engineering consulting firm with headquarters in Houston, Texas and fully staffed regional offices in Austin, College Station, Corpus Christi, Richardson, Round Rock, and San Antonio. The firm has been serving Texas since 1972 and has a total company-wide staff of over 250 employees. BBI has a focus on regional and state surface transportation, infrastructure, utility, and land development projects. BBI is part of the **Binkley & Barfield Family of Companies** which also includes the wholly-owned subsidiary companies *Landev Engineers, Inc.* and *Baseline Corporation* (*Joe Orr* and *H.A. Kuehlem* being part of *Baseline Corporation*).

The Construction Management team within the Houston office has an exciting opportunity for a self-starting, energetic, and innovative Construction & Roadway Inspector with a minimum of 5 years of expertise in on-site roadway construction inspection services.

Responsibilities:

- Inspect and monitor highway and bridge construction to include hot mix overlays to ensure compliance with safety, plans, specifications, and other contract requirements
- Under the review and direction of Project Manager, perform field inspection and oversight of construction activities
- Inspect asphalt and concrete for acceptable materials and mix,
- Inspect pavement construction for proper placement, rolling, depth, alignment, and compaction
- Inspect structural materials and members, culverts, piling, beams, reinforcement, structural steel, concrete and back-fill
- Review and monitor for acceptable traffic control setup, erosion control devices, and maintenance thereof, utility coordination/resolution and conformance to contract requirements
- Consult with Contractor's Superintendent on work progress and maintenance issues; review equipment utilization data and time/cost estimates
- Review, prepare and process various reports associated with construction management duties: shop drawing submittals, change orders, field changes, RFI's, clarifications, pay estimates, force account documents, project diary, daily work reports, weekly and monthly progress reports, punch lists, project closeout
- Review drawings, specifications and contract requirements to understand/prepare for inspection, and to ensure good construction practices, clarity, and consistency
- Review and recommend approval of complex shop drawings of bridge elements and other highway related structures to ensure compliance with plans and design requirements
- Perform other responsibilities as assigned

Requirements:

- Bachelor's Degree in Civil Engineering
- Engineer-in-Training (EIT)
- At least 5 years of highway & bridge construction inspection and/or testing experience on TxDOT, city or federal aid projects
- Valid Texas Class C driver's license

Preferred Qualifications:

- Appropriate training/certification(s) from TxDOT (storm water erosion control, work zone traffic control, etc.) or equivalent
- American Concrete Institute (ACI) certification- Grade 1 (Concrete Field-Testing Technician)
- Texas Asphalt Pavement Association (TxAPA) certification- Level 1B (Roadway Specialist)
- OSHA 10-hour certification

- Considerable knowledge and experience with TxDOT construction procedures, including the Construction Contract Administration Manual

Ready to Join Our Team?

Interested candidates should email their resumes to careers@binkleybarfield.com

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