# Derek Foster

## Bridge Inspection Team Leader

derek.foster@email.com • (615) 555-0135 • Nashville, TN
linkedin.com/in/derekfoster

## Summary

Bridge inspection team leader with 8 years of bridge inspection experience under the NBIS, leading 3-person crews on routine, in-depth, fracture critical and underwater-wading inspections. Has led 900+ bridge inspections, rates bridge components with sound judgment, and writes clear reports that owners use to plan repairs.

## Experience

04/2021 - Present
Nashville, TN

### Bridge Inspection Team Leader

Cumberland Bridge Services

Bridge inspection and rating firm working for TDOT and 14 county highway departments.

- Lead the work of **3** inspectors on 160 bridge inspections a year, from culverts to 1,200-foot steel truss spans.
- Conduct fracture critical and in-depth inspections from snooper trucks and rope access, logging every defect.
- Write inspection reports and condition ratings in the state database within 30 days of each visit.
- Support load rating analyses by measuring section loss on 40 steel members a year.
- Maintain a 4-year record with zero lost-time incidents across 2,000 field hours.

06/2018 - 03/2021
Knoxville, TN

### Bridge Inspector

Volunteer State Engineering

Civil engineering firm with a bridge inspection group.

- Inspected 400 county bridges and recorded deck, superstructure and substructure ratings.
- Drafted 60 repair sketches in AutoCAD and MicroStation for maintenance crews.
- Identified 12 critical findings that led to emergency closures or load postings.

## Skills

- Bridge Inspection
- NBIS
- Fracture Critical Inspection
- Bridge Components
- Load Rating Analyses
- Condition Ratings
- AutoCAD
- MicroStation
- Excel
- Leadership Skills

## Education

05/2018
Cookeville, TN

### Bachelor of Science

Tennessee Technological University
Civil Engineering

## Certificates

2020

### Safety Inspection of In-Service Bridges (FHWA-NHI-130055)

National Highway Institute

2021

### Fracture Critical Inspection Techniques for Steel Bridges (FHWA-NHI-130078)

National Highway Institute

2023

### Professional Engineer (PE)

Tennessee Board of Architectural and Engineering Examiners