

CONSTRUCTION ENGINEERING & INSPECTION



Project Listing

NC TURNPIKE AUTHORITY TRIANGLE EXPRESS U-4763B

This \$738M Design-Build construction project was fast paced and schedule driven. The construction consisted of grading, drainage, paving, structures, guardrail, signing, signals, ITS, and toll technology. BREE provided qualified trained and certified Transportation Technicians II to perform erosion control inspections, ensure permit compliance on a daily basis, prepare daily reports, attend required meetings, and perform technician level contract and construction administrative functions. Further, BREE ensured that erosion plans were im-



Photo Credit: North Carolina DOT

plemented and current plans were maintained and updated with appropriate approvals. BREE also ensured the permit compliance by the Design-Build Team— reviewing waste and borrow pits, and other activities as needed to proactively mitigate all erosion and permit issues.

LOCATION Wake County
OWNER NC Turnpike Authority
CLIENT Mulkey, Inc.

PREVENTATIVE MAINTENANCE/EMERGENCY REPAIR ON HIGHWAY STRUCTURES

For this \$14M project, BREE provided project management and construction engineering and inspections services for DDOT. The project scope included developing plans for roadway design which involved several locations for resurfacing, reconstruction, and upgrading (substandard streets with asphalt or no curbs). Further, BREE provided management support and related services for the construction of bridge and roadway projects, inspection and coordination of bridge and/or roadway projects during the construction phase, and overseeing of the construction activities to ensure that the quality of materials and workmanship met or exceeded the District's standards. BREE maintained accurate records of field measurements, materials, documentations, and payments to ensure the project was being built according to the plans and specifications. BREE kept the Contracting Officer fully informed of any technical or contractual difficulties encountered during the performance period and advised the Agency Chief Contracting Officer of any potential problem areas under the contract.

LOCATION Washington, DC
OWNER District of Columbia DOT
CLIENT Legion Design, Campbell & Associates Chartered

Contact us for a copy of our complete capabilities statement, inclusive of the many projects BREE & Associates, Inc. has participated on and the respective services provided: Robert Lancaster, bree@breeassociates.com

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AMERICAN TOBACCO TRAIL

This \$7.5M project consisted of a section of the trail that was approximately 4.1 miles from NC 54 to the Chatham County line that included the construction of a minimum 10-ft wide bridge from rail-to-rail over I-40. BREE provided a civil engineer for construction oversight of the installation of the erosion control devices as well as asphalt paving of the trail. Daily reports were provided to the contract managers and approved pay items were entered into Primavera and PDRAX.

LOCATION Durham, NC

OWNER City of Durham

CLIENT PB Americas, Inc.



Photo Credit: Triangle Trails

CITY OF DURHAM STREET REPAIR AND RESURFACING — ST-228, ST-226

ST-228

For this \$2.5M project, BREE performed investigations of necessary asphalt pavement repair areas on identified city streets in advance of the asphalt and concrete pavement/utility repairs that were needed. The investigation included a tabulation noting location and physical limits of areas recommended for each street repair. Recommendations for the pavement repairs and estimated quantities associated with the repairs were computed and provided to the City of Durham. Areas of special concern to the planned repairs, traffic patterns, or other factors were identified and included in the summary. Alternative pavement restoration efforts or procedures were provided for streets that required extensive work not suitable for repair or resurfacing.

ST-226

For this \$3.8M project, BREE provided qualified transportation technicians to investigate, inspect, and evaluate streets to determine the extent of necessary asphalt and concrete pavement/utility repairs that were needed. During construction, BREE provided construction management and quality assurance services to ensure the work was performed to contract specifications. BREE was also responsible for performing construction, engineering, and inspection services; field materials testing; maintaining reports for each test accomplished; the preparation of daily inspectors' reports; and technician level contract and construction administrative functions.

LOCATION Durham, North Carolina

OWNER City of Durham

CLIENT Greenhorne & O'Mara, Inc.

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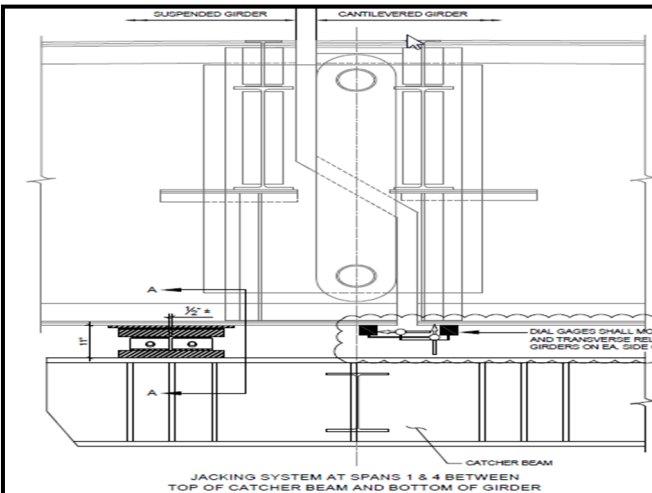
Project Listing



KENILWORTH AVENUE-DOOR REPAIR



WHITEHURST FREEWAY PROJECT-REPAIR TO COLUMN



CHAIN BRIDGE -TYPICAL JACKING PROCEDURE



CHAIN BRIDGE-TEMPORARY SUPPORT AT SPAN 8



CHAIN BRIDGE-STRAIN GAUGES INSTALLED



BRIDGE 40-1 35TH ST. OVER NORTH CAPITOL STREET

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