



I-295 - Fayetteville Outer Loop

Division:
Bridge and
Heavy Construction

Location:
Cumberland County, NC;
I-295 from South of US 401
to south of Cliffdale Rd.

Client:
NCDOT

Service Period:
2019-2022

Services Provided:
Bridge Construction

Project Size:
Approximately 3,000 LF
of structures

Complex Structure Package Delivered to NCDOT

The North Carolina Department of Transportation (NCDOT) hired the Barnhill Contracting Company Design-Build team to construct 3.2 miles of future I-295 in Cumberland County, NC. Designed by HDR, Sanford Contractors (SCI) served as the structure lead working alongside Smith-Rowe, LLC to complete an extremely complex structure package.



The magnitude of the bridge construction on this project was unlike any SCI had previously completed. The bridge elements were extremely large, and substructure concrete pours ranged from 40 CY to more than 400 CY. With the increased size came increased challenges (i.e. complex formwork, rigging, and larger equipment requirements). However, SCI and its team members rose to the challenge to plan, execute, and deliver this impressive section of I-295.

I-295 will provide unprecedented interstate connectivity to Fayetteville and the surrounding areas by offering direct connections from Fort Bragg to I-95. Teamwork and extensive planning enabled the Barnhill team to deliver this project on time to NCDOT.

