

# I-20 Reconstruction and Lane Widening

Richmond County, GA



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## Project Category

Highways

## Owner

Georgia Department  
of Transportation

## Contract Value

\$54.6 million

## Project Benefits

- ✓ Reduced congestion and improved traffic flow in Georgia's second largest urban area

## Project Background

Augusta is the second largest city in Georgia and the center of a growing metropolitan region in east central Georgia and west central South Carolina. The widening of Interstate 20 (SR 402) was designed to help it handle the increased traffic that has resulted from its economic success.

## Project Scope

Three miles of widening and reconstruction for additional lanes on I-20/SR 402 including new concrete pavement and widening of two bridges.

## Project Description

The Augusta I-20 project consisted of widening a section of I-20 from four lanes to six. It included the reconstruction of two bridges. Lane completed the concrete paving using the GZ Paver in conjunction with a Dowel Bar Inserter (DBI). This marked Georgia's first use of a DBI during concrete paving and of an MIT scan for quality control. The Georgia Department of Transportation was pleased with both the speed of the production and the quality of the results.

The bridge improvements included complete reconstruction of the Washington Road overpass and the reconfiguration of the Riverwatch Parkway overpass. The Riverwatch phase required jacking of the existing east and westbound bridges to match the newly-constructed continuous structure.

To prevent project delays, Lane shifted traffic temporarily to allow work to continue on the Riverwatch bent. Crews reset 4.5 miles of temporary concrete barriers and built four temporary ramps and two mainline crossovers, moving traffic to the newly constructed roadway and asphalt shoulder.

## About Lane

The Lane Construction Corporation is one of America's premier heavy contractors and the preferred partner to connect and improve the communities and the world in which we live. Founded by railroad engineer John S. Lane in 1890, Lane constructs quality bridges, highways, locks and dams and mass transit and airport systems in more than 20 states. Throughout its history of over 120 years, Lane has never failed to complete a contract.

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## The Lane Construction Corporation

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