

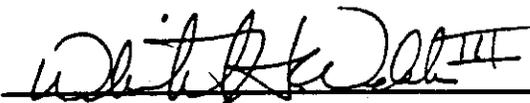
FEASIBILITY STUDY

Tarboro
SR 1537 (Daniel Street)
Extension to SR 1518 (Loop Road)
Edgecombe County
U-2722

Prepared by
Program Development Branch
Division of Highways
N. C. Department of Transportation



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Date

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I. GENERAL DESCRIPTION

This is a feasibility study for the extension of SR 1537 (Daniel Street) in the Town of Tarboro, on new location from its present terminal to SR 1518, a distance of approximately 1.1 mile (see the attached location map). The recommended typical cross section is a two-lane, 28-foot pavement with 8-foot usable shoulders, on a 60-foot wide right-of-way. The estimated cost of this project is \$1,060,000 (\$130,000 for right-of-way, and \$930,000 for construction).

This study is not a detailed planning/environmental investigation. A feasibility study presents recommended typical cross sections, general alignments, and estimated cost of the improvement. The study also attempts to provide an early identification of potential environmental, permitting, or other issues which deserve consideration in the planning and construction stages.

II. NEED FOR PROJECT

This project was requested by the Town of Tarboro. The extension of SR 1537 (Daniel Street) to US 258 is included in the mutually adopted Tarboro and Princeville Thoroughfare Plan. Therefore, the proposed improvements represent a step in advancing the Thoroughfare Plan, which proposes extending SR 1518 across the Tar River to US 258. The ultimate extension to US 258, which is beyond the scope of this project, would allow truck traffic from an industrial park located at the east end of SR 1537 access to US 258. This would alleviate the present problems of the relatively high truck traffic going through residential neighborhoods on SR 1537, between US 64 and the industrial park. The recommended extension of SR 1518 outlined in this report will allow expanding the industrial park by providing access to vacant land.

The existing SR 1537 consists of a two-lane, 20-foot pavement with 4-foot shoulders. The existing right-of-way width is 60 feet, without access control.

Estimates of traffic on SR 1537, and projections of future traffic on the recommended extension were not available at the time of preparation of this report. However, a capacity or traffic congestion problem has not been identified on SR 1537.

Land use on the west end of SR 1537, near NC 44 and US 64 is urban residential. A small industrial park with shipping facilities is located at the east end, immediately east of the Tarboro corporate limits. Abandoned CSX railroad tracks parallel SR 1537 approximately 0.25 mile to the south.

III. RECOMMENDATIONS

It is recommended that SR 1537 (Daniel Street) be extended on a new location from its present east terminal to SR 1518 (Loop Road). Total project length is approximately 1.1 mile. The recommended typical cross section consists of a two-lane, 28-foot pavement with 8-foot usable shoulders. The new roadway is to be constructed on a 60-foot wide right-of-way. No control of access is recommended.

The recommended alignment is to extend the tangent alignment of the existing roadway due northeast on new location by 0.3 mile, then curve to the east to join the railroad alignment approximately 0.1 mile west of SR 1518. Then continue on the railroad alignment to intersect with SR 1518. This alignment would require approximately 600 feet of CSX railroad right-of-way.

This alignment follows property lines in the industrial park, and minimizes the land and damage cost for right-of-way. It would also offer the present railroad alignment, and crossing of the Tar River to be utilized for a future extension of SR 1537 to US 258. However, right-of-way cost may increase depending on the railroad's future plans for their right-of-way.

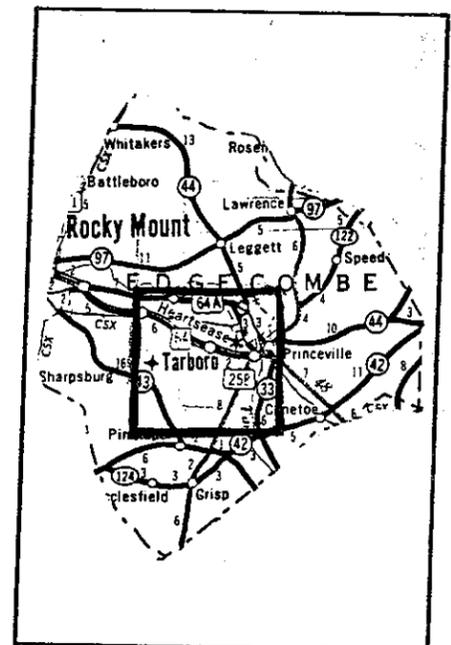
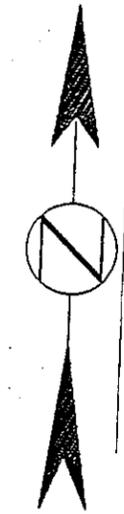
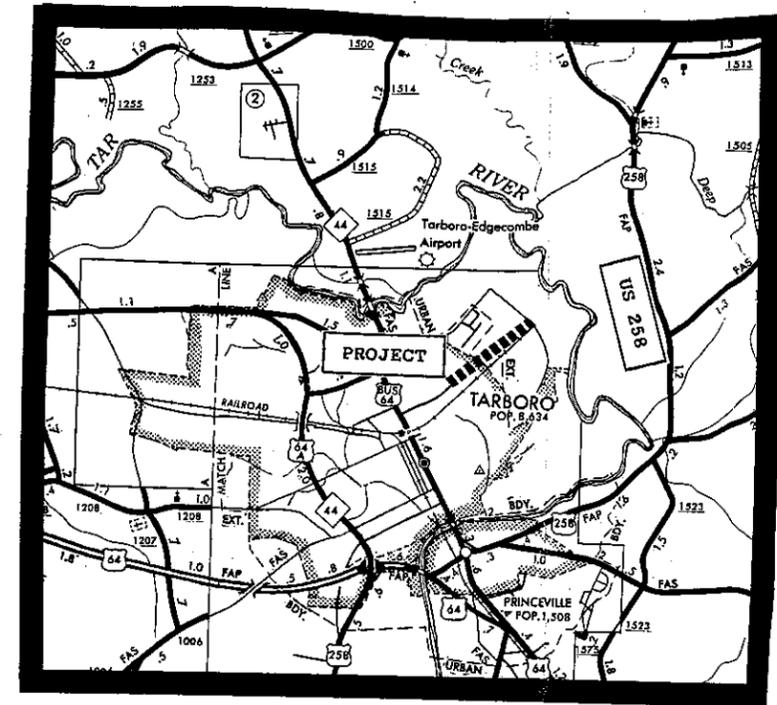
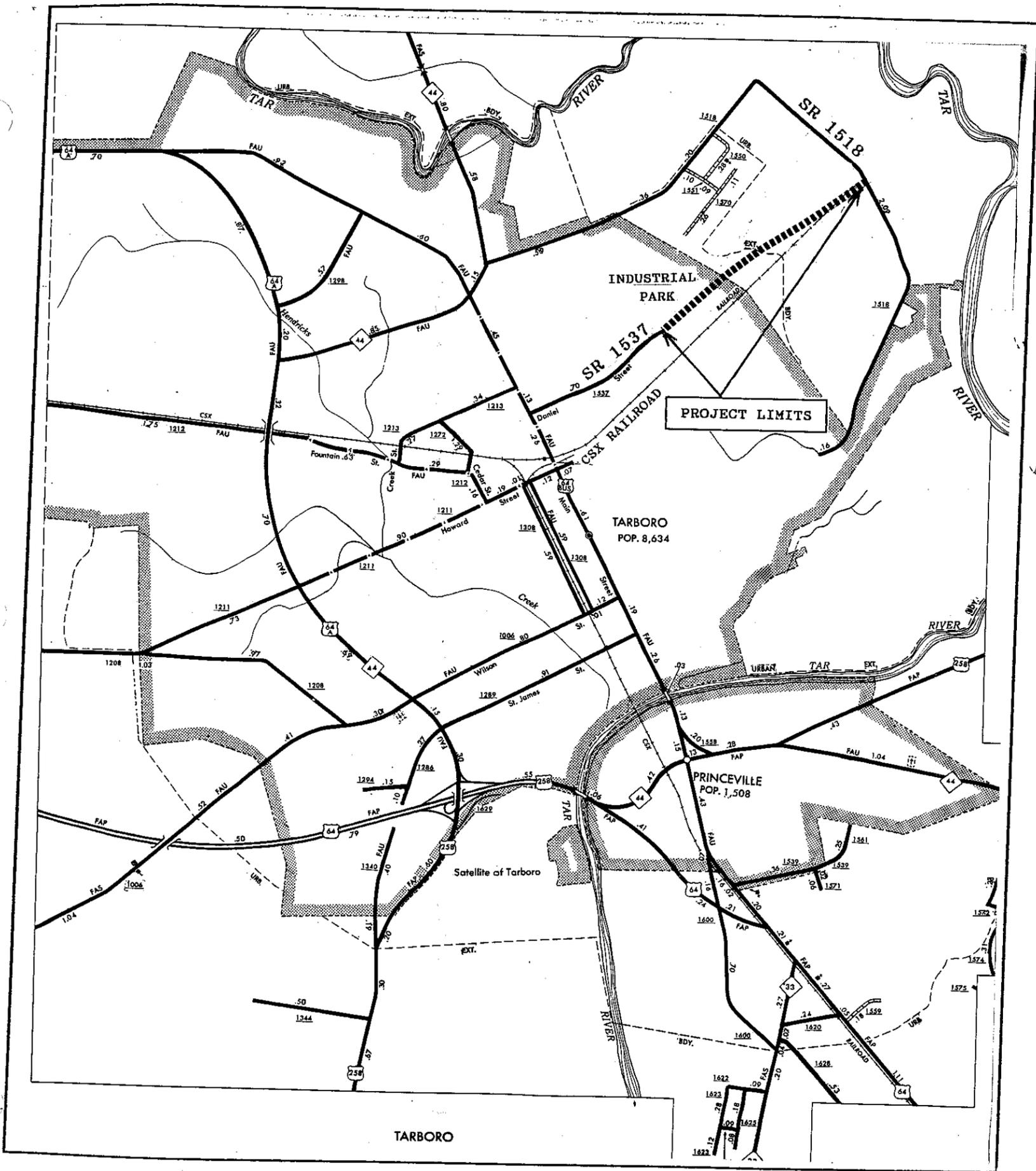
Project cost is estimated as follows:

Right-of-Way	\$ 130,000
Construction	\$ 930,000
Total Project Cost	\$ 1,060,000

Except for the proximity of the railroad, low utility conflicts are anticipated.

IV. ENVIRONMENTAL CONCERNS

An environmental screening was not conducted for this study. However, major environmental impacts are not anticipated due to the short length, and the location of the project.



TARBORO
 SR 1537 (DANIEL STREET)
 EXTENSION TO SR 1518
 EDGECOMBE COUNTY
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SCALE: 1"=.5MILE DATE: MAR 1991.