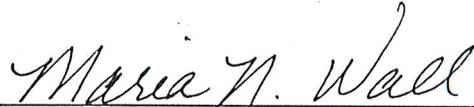


FEASIBILITY STUDY REPORT

U-3624

**Salisbury**  
**Arlington Street Extension**  
**from SR 2200 (Innis Street) to SR 1002 (Concord Road)**  
**Rowan County**

Prepared by  
Program Development Branch - Feasibility Studies Unit  
North Carolina Department of Transportation  
Division of Highways



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Highway Planning Engineer



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David G. Modlin, Jr., Ph.D., P.E.  
Head of Feasibility Studies

5/17/96  
Date

**U-3624**  
**Salisbury**  
**Arlington Street Extension**  
**from SR 2200 (Innis Street) to SR 1002 (Concord Road)**  
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This is a feasibility study for the extension of Arlington Street, from south of SR 2200 to SR 1002, a distance of approximately 0.5 miles (See Figures 1 and 2). An existing five-lane curb and gutter section of Arlington Street extends approximately 800 feet south from SR 2200. Arlington Street will be extended on new location from the five-lane section to SR 1002. The recommended typical sections are a three-lane, 36-foot wide pavement with 8-foot wide shoulders from the end of the five-lane section, extending 1400 feet; and a two-lane, 24-foot wide pavement with 8-foot shoulders (including 2-foot paved shoulders), from the end of the three-lane section to SR 1002. A four barrel 11' x 9' box culvert will be constructed at the Town Creek crossing.

The estimated project costs are as follows:

Right-of-Way	\$ 1,100,000
Construction	\$ 1,700,000
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Total Project	\$ 2,800,000

The construction cost includes striping the existing five-lane section. It is estimated that this project would not require the relocation of any residences or businesses.

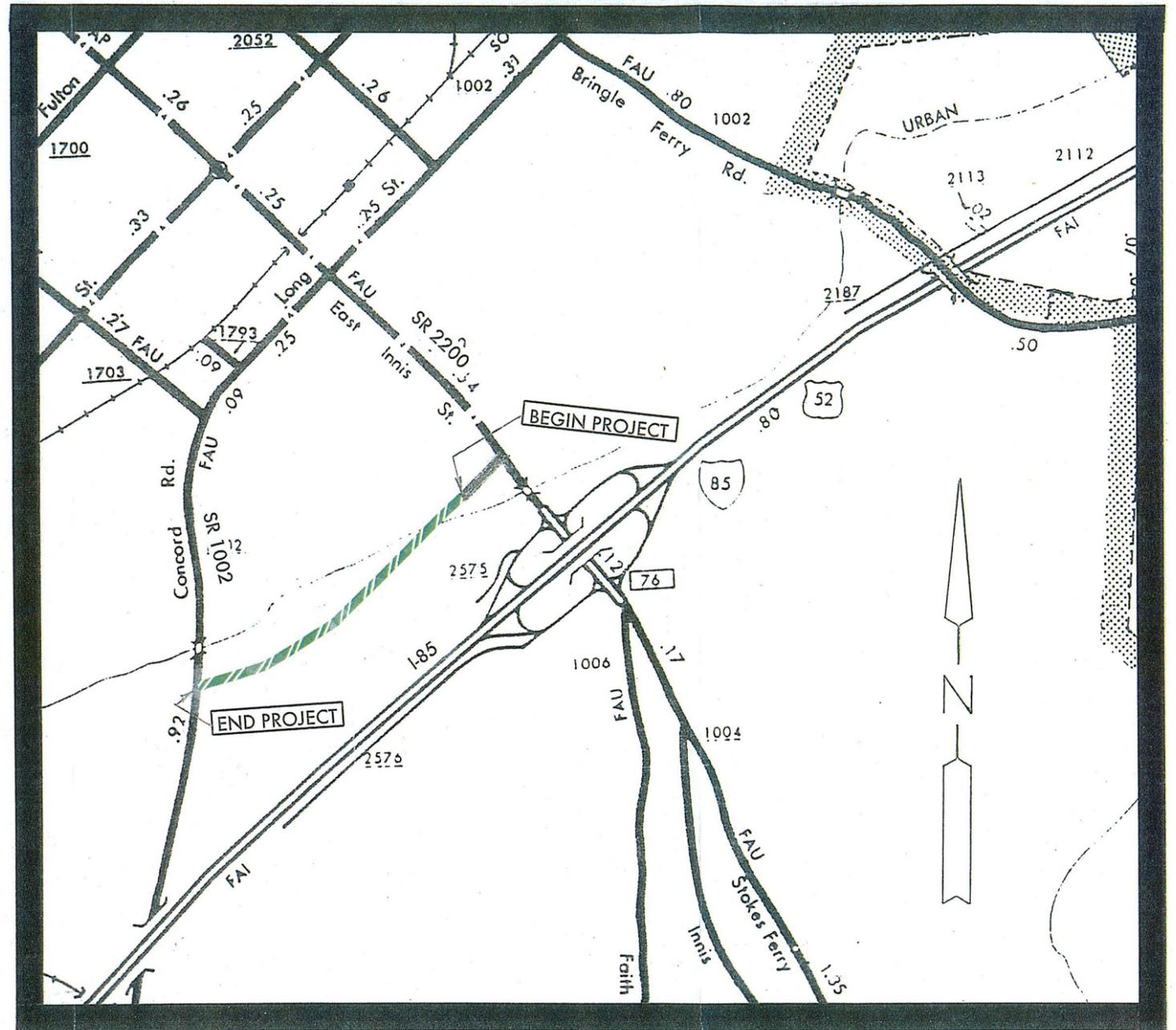
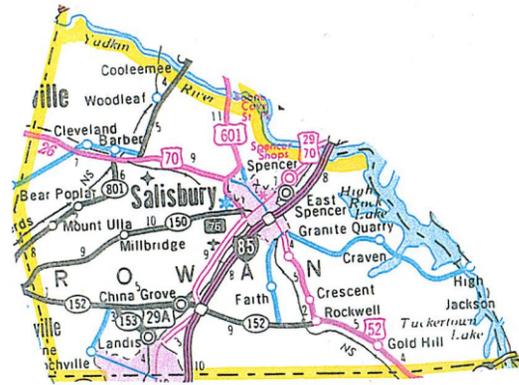
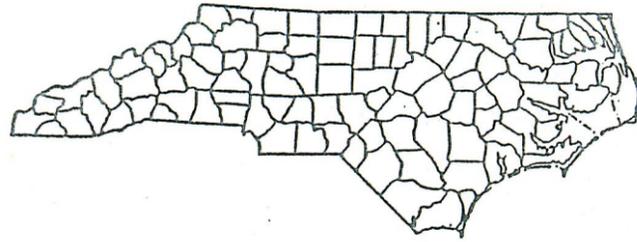
The construction documents are complete. There are wetlands in the project corridor, however, the Army Corps of Engineers has reviewed the plans, and they are satisfied with the alignment. Also, this project crosses Town Creek and is within the existing 100-year flood boundary. The project has a Conditional Letter of Map Revision issued by FEMA (subject to proper construction and submittal of as-built drawings). The plan review and approval has been coordinated with the Division Engineer's office.

The estimated Average Daily Traffic (ADT) is 3,300 vehicles per day (vpd) in 1996, and 6,000 vpd in 2015. This extension would operate at a level of service C, or better, through the design year 2015.

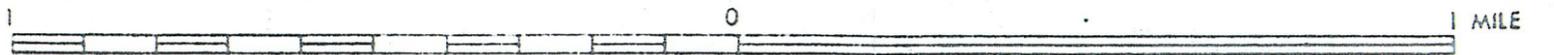
This project was requested by the City of Salisbury. The Arlington Street extension is classified as a minor thoroughfare on the Salisbury Thoroughfare Plan. The purpose of this project is to remove local traffic from I-85, which parallels the project corridor.

This study is not a detailed planning/environmental investigation. A feasibility study presents studied cross-sections for improvements, general corridors of improvements, and estimated costs of construction and right-of-way. This study attempts

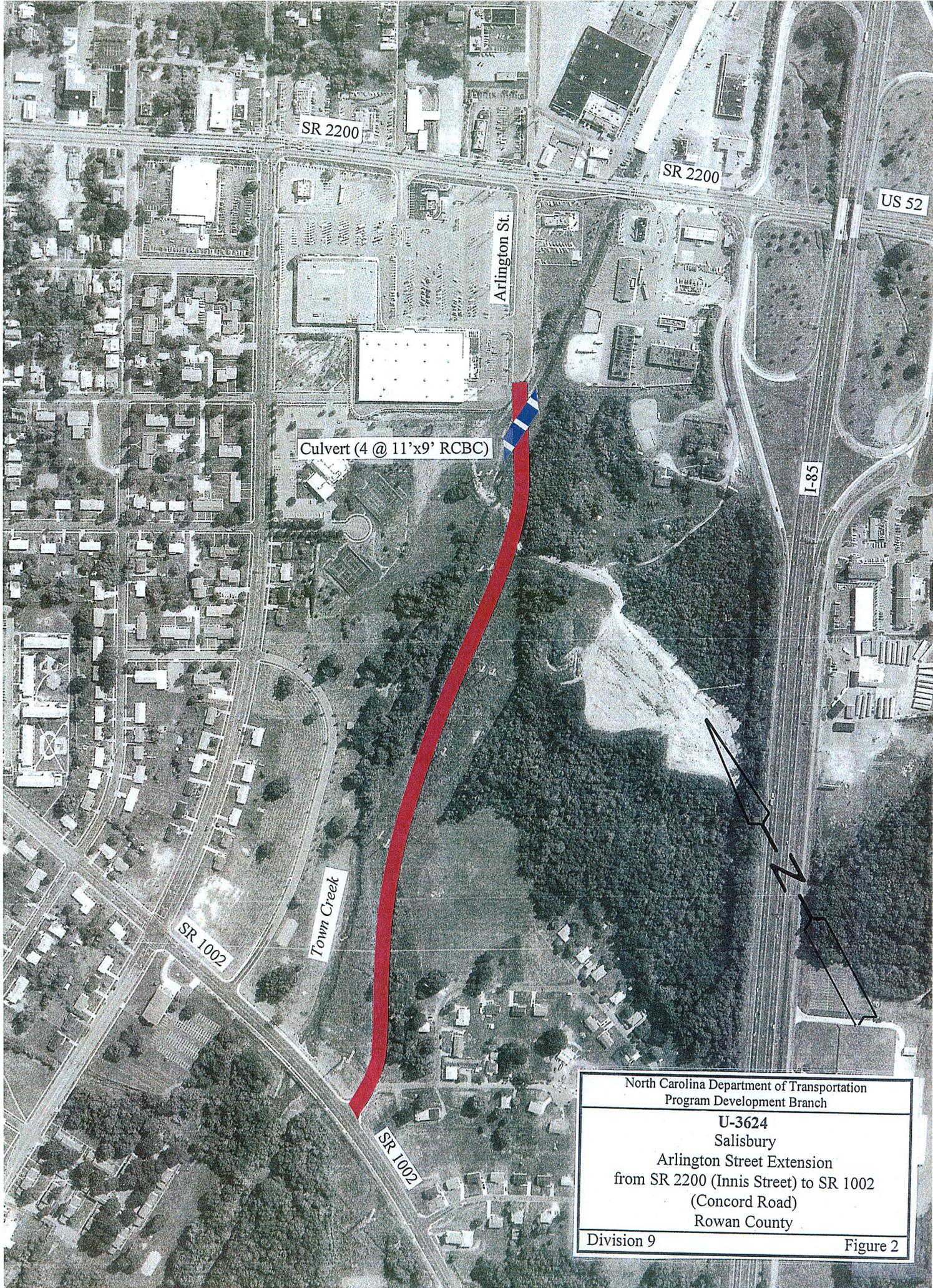




SCALE



North Carolina Department of Transportation Program Development Branch	
U-3624 Salisbury Arlington Street Extension from SR 2200 (Innis Street) to SR 1002 (Concord Road) Rowan County	
Division 9	Figure 1



SR 2200

SR 2200

US 52

Arlington St.

Culvert (4 @ 11'x9' RCBC)

I-85

Town Creek

SR 1002

SR 1002

North Carolina Department of Transportation  
Program Development Branch  
U-3624  
Salisbury  
Arlington Street Extension  
from SR 2200 (Innis Street) to SR 1002  
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Division 9 Figure 2