



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.
GOVERNOR

DIVISION OF HIGHWAYS
P.O. BOX 25201, RALEIGH, N.C. 27611-5201

GARLAND B. GARRETT JR.
SECRETARY

May 9, 1997

MEMORANDUM

TO: Whitmel H. Webb, P. E.
Program Development Branch Manager

FROM: Eric J. Lamb *EJL*
Project Planning Engineer - Feasibility Studies Unit

SUBJECT: Cost Estimate - FS-9707
SR 1431 (Weddington Rd.) Extension in Concord, from Speedway
Boulevard to US 29 in Cabarrus County

Per your request, I have examined the cost of extending SR 1431 (Weddington Rd.) as a two-lane roadway on 100 feet of right-of-way from Speedway Boulevard to US 29 in Cabarrus County. The proposed alignment is shown on the attached figures. Please note that there are two segments under consideration for this project. Segment A will extend SR 1431 from Speedway Boulevard to SR 1305 (Pitts School Rd.), and Segment B will extend it from SR 1414 (Rock Hill Church Rd.) to US 29.

Segment A (2.0 miles) is listed as Number One in the City of Concord's 1997 Top Transportation Priorities. The construction estimate included in their report was listed at \$5,733,000, with any necessary right-of-way to be donated by area landowners. This construction cost has been independently verified by our Preliminary Estimating Squad in the Design Services Unit. The construction of this project will include a bridge over the Rocky River of at least 300 feet in length.

There are other right-of-way concerns which may not have been adequately addressed in the City's assertion of 100% donation. Additional costs may be necessary for any construction easements along the project. There are also two residences located on SR 1438 (Belt Rd.) and three businesses located off of SR 1305 (Pitts School Rd.) which will be impacted by this alignment. The proposed alignment of this project will also cross an existing Martin Marietta Quarry; it is unknown if crossing this quarry will require any additional permitting.



Segment B (1.2 miles) of this project was not included in the list of Top Transportation Priorities, however a map of this alignment was included in the report and was examined as well. The proposed alignment will impact approximately nine residences, two businesses and an active airfield within the project limits. Two of these houses may be eligible for historic protection, and one or both of the businesses may involve underground storage tank removal or relocation. The estimated construction cost for this segment of the project is \$1,900,000. It is not anticipated that any right-of-way will be donated for Segment B.

cc: David G. Modlin, Jr., Ph.D., P.E. - Feasibility Studies Unit Head