

*Dave Modlin*



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.  
GOVERNOR

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

R. SAMUEL HUNT III  
SECRETARY

August 2 , 1995

MEMORANDUM TO: Peter A. Pappas, Member  
Board of Transportation

FROM: Larry R. Goode, Ph.D., P. E.  
State Highway Administrator

SUBJECT: Charlotte Airport Entrance Road  
Additional Access Points coordinated with  
U-203

At your request, I had my staff review the feasibility of providing an additional connector between the proposed airport entrance road (U-203) and the western Charlotte Outer Loop, parallel to and south of Wilkerson Boulevard.

Please find attached the results of our review. The suggested routing to the airport from the Charlotte Western Outer Loop is from the Loop to I-85 and then to the Airport Entrance Road. Access will be available along the Wilkerson Boulevard routing; however, the "seamless" route will be via I-85.

LRG/dgm

Attachments

cc: Calvin W. Leggett, P.E.  
Whitmel H. Webb, P.E.



*Dave Modlin*



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT JR.  
GOVERNOR

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

R. SAMUEL HUNT III  
SECRETARY

August 2, 1995

MEMORANDUM TO: Larry R. Goode, Ph.D., P. E.  
State Highway Administrator

FROM: Whitmel H. Webb, III, P. E. *Whit H Webb*  
Manager, Program Development Branch

SUBJECT: Charlotte Airport Entrance Road  
Additional Access Points coordinated with  
U-203

At your request, I had my staff review the feasibility of providing an additional connector between the proposed Airport Entrance Road (U-203) and the western Charlotte Outer Loop, parallel to and south of Wilkerson Boulevard. The proposal has been reviewed with Roadway Design.

There are approximately 2000 feet between I-85 and Wilkerson Boulevard and approximately 2100 feet between Wilkerson Boulevard and the existing Airport Parkway (Please see the attached figure). Our proposed Airport Entrance Road will tie to the existing interchange at I-85, a proposed interchange with Wilkerson Boulevard (your letter of 3/20/95 to Thomas Orr) and to at least a trumpet interchange with the Airport Parkway. This scenario will have three interchanges within 4100 feet. There is no room for an additional connector to the Airport Entrance Road that would tie directly to the western Charlotte Outer Loop.

We also looked at the possibility of tying the Airport Parkway to this additional connector but that would cause the interchange to move closer to Wilkerson Boulevard and the distance becomes even more critical relative to the Wilkerson Boulevard interchange.

Discussion also included the possibility of upgrading Wilkerson Boulevard to a controlled access facility from the Outer Loop to the proposed Airport Entrance Road. If this is done, the interchange currently planned at the Outer Loop would have to be modified to reflect a freeway-to-freeway connection. The Charlotte Western Outer Loop FEIS has been completed and this portion is scheduled for right of way acquisition in August 1996.

The physical setting of the existing roadway network does not provide room to implement a new, separate connector from the Outer Loop to the airport south of and paralleling Wilkerson Boulevard. The suggested routing would be the Outer Loop to I-85 to the Airport Entrance Road.

WHW/dgm

cc: Calvin W. Leggett, P.E.





Tom Shearin  
Roadway Design

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

JAMES B. HUNT, JR.  
GOVERNOR

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

R. SAMUEL HUNT III  
SECRETARY

March 20, 1995

ROADWAY DESIGN UNIT	
RECEIVED FILE _____	
MAR 21 1995	
___ HILL	___ THOMPSON
___ ALFORD	___ BARBOUR
___ COCHRAN	___ FLOWERS
___ LASSITER	___ MADDIX
___ SMITH	___ NORRIS
___ STEPNEY	___ TAYLOR
___ MACON	___ PURYEAR
PREPARE REPLY FOR _____ SIGNATURE	
F.Y.I.	
REVIEW/DISCUSS WITH _____	

Mr. Thomas J. Orr, PE  
City of Charlotte  
Airport Department  
Post Office Box 19066  
Charlotte, North Carolina 28219

Dear Mr. Orr:

Local officials recently requested better access from the airport to downtown Charlotte. The Department feels Wilkinson Boulevard could ultimately fulfill this desire if upgraded in an appropriate manner.

A major step in this direction is to access Wilkinson Boulevard from the proposed Airport Connector (TIP Project U-203). Enclosed is a functional design which provides an interchange at Wilkinson Boulevard. This design is not based on recent traffic projections and may need to be adjusted when projections are completed this spring.

When the traffic projections are completed, the Department's design and planning staff will schedule a meeting with the appropriate airport and city staff. The purpose of the meeting will be to define the scope of the project and to make sure we coordinate our efforts in developing an effective transportation plan for the airport.

We are also planning to reduce the number of signalized intersections on Wilkinson Boulevard between the airport and downtown. These efforts will be coordinated with the city engineering staff.

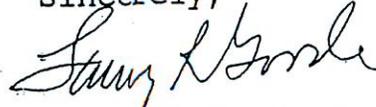
I'm sure our joint efforts will culminate with a highway system that will provide enhanced access from the airport to downtown



Mr. Thomas J. Orr, PE  
Page 2  
March 20, 1995

Charlotte as well as to I-85 and the proposed outer loop. Thank you for your continued support for the transportation needs of North Carolina.

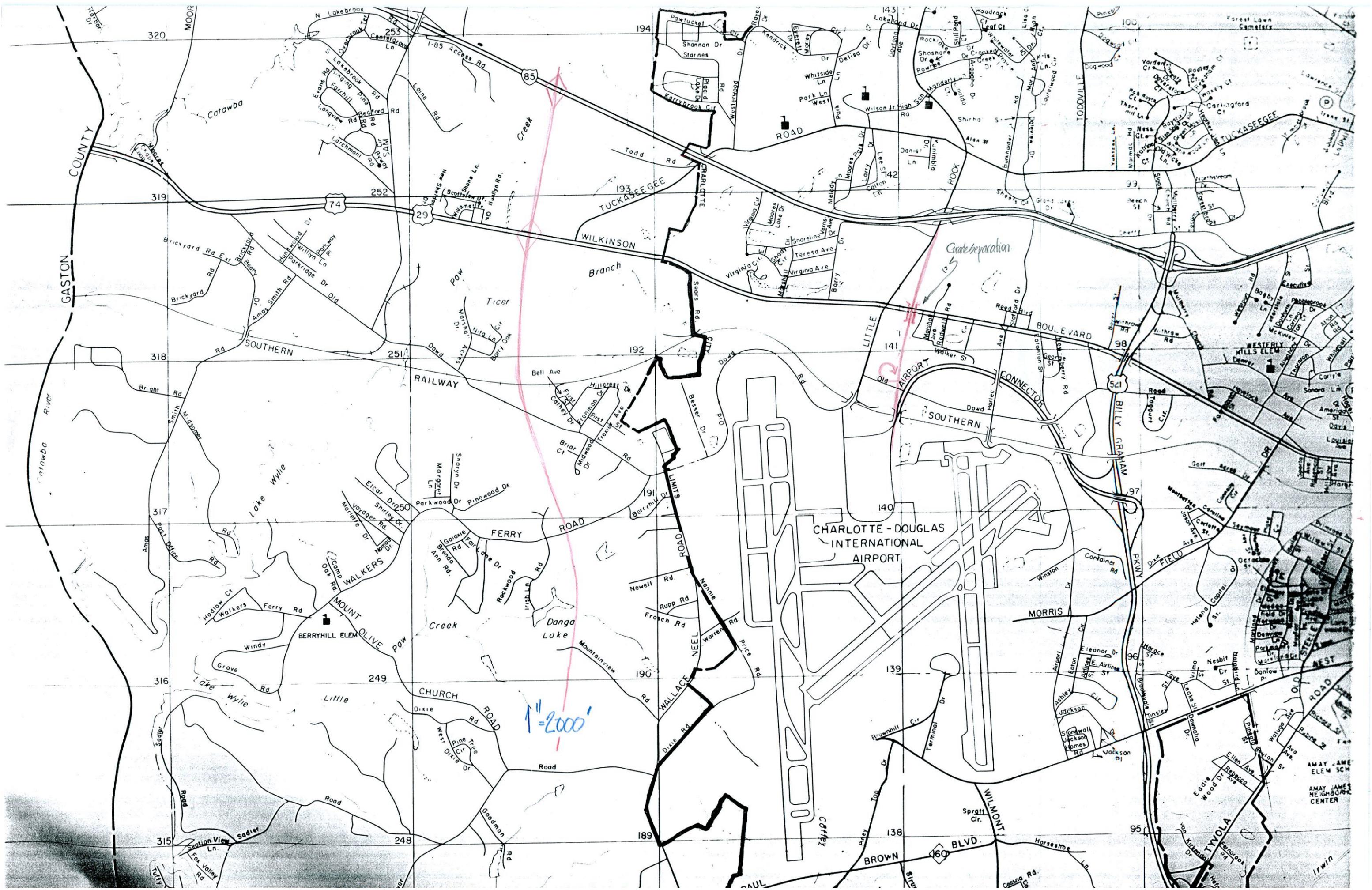
Sincerely,



Larry R. Goode, Ph.D., P.E.  
State Highway Administrator

LRG:jpm  
Enclosure

cc: Peter A. Pappas, Member, Board of Transportation  
Don Morton, PE, State Highway Design Engineer  
Frank Vick, PE, Manager, Planning and Environmental  
Tom Shearin, PE, State Roadway Design Engineer



GASTON COUNTY

320

319

318

317

316

315

MOOR

BRICKYARD

SOUTHERN

WALKERS

WINDY

SADLER

253

252

251

250

249

248

194

193

192

191

190

189

143

142

141

140

139

138

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

100

99

98

97

96

95

1"=2000'

CHARLOTTE - DOUGLAS INTERNATIONAL AIRPORT

Grade separation

AMAY JAMES ELEM SCH  
AMAY JAMES NEIGHBORHOOD CENTER

TYVOLA

WILMONT

BROWN

BLVD.

160

138

139

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154