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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

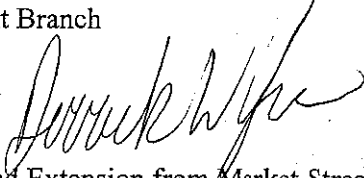
MICHAEL F. EASLEY
GOVERNOR

W. LYNDO TIPPETT
SECRETARY

May 29, 2003

MEMORANDUM

TO: Calvin W. Leggett, P.E.
Manager, Program Development Branch

FROM: Derrick W. Lewis, P.E.
Feasibility Studies Unit Head 

SUBJECT: FS-0107C, Gallimore Dairy Road Extension from Market Street to Old Friendly Avenue/Friendly Avenue intersection, Greensboro, Guilford County.

As requested, we have completed a re-evaluation of the Gallimore Dairy Road Extension from Market Street to Friendly Avenue, approximately 0.7 miles (see attached figure). As previously indicated in FS-9907A, this proposed extension directly impacts the Piedmont Triad International Airport by crossing a future expansion of one of the runways.

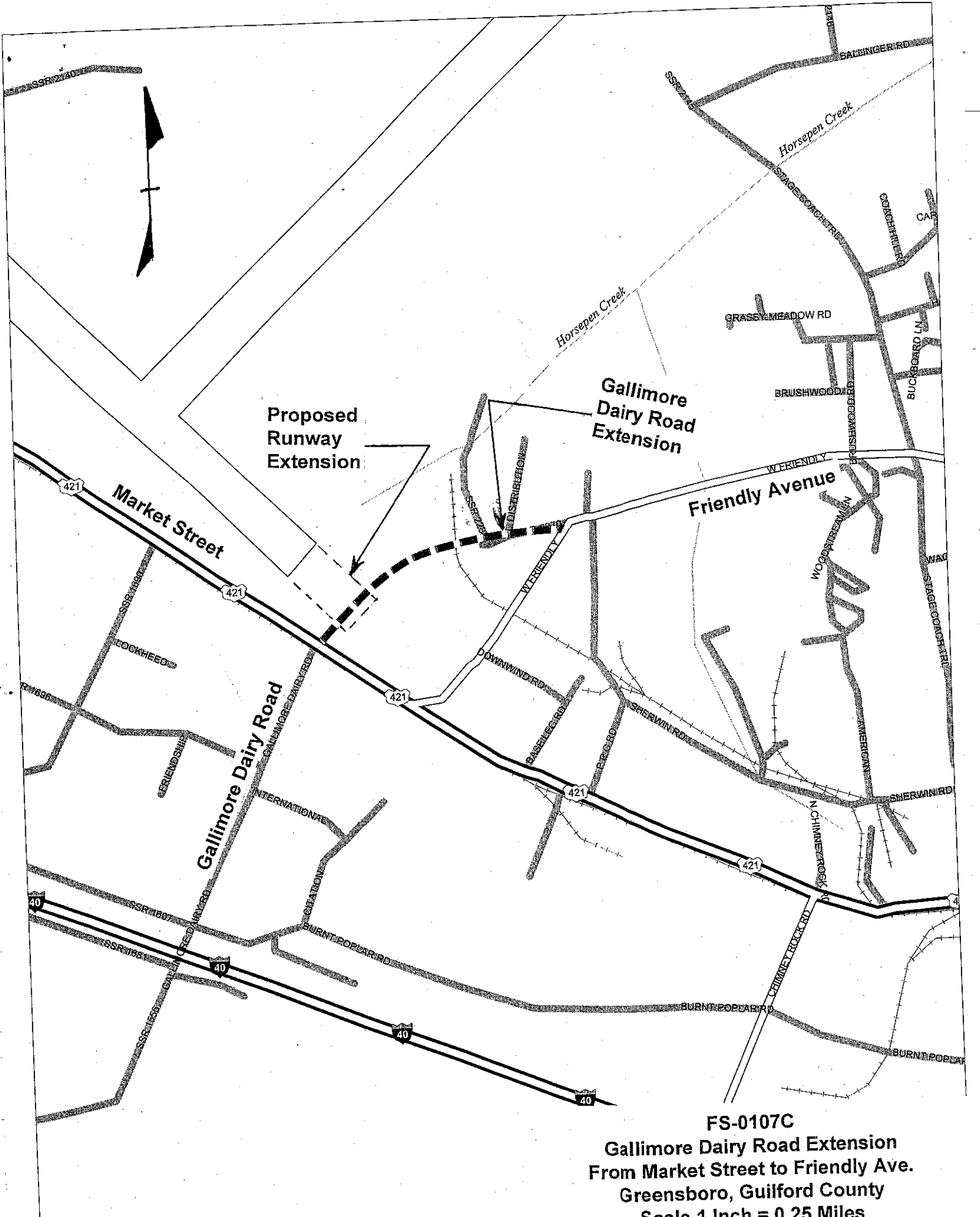
Considering the anticipated impacts to the airport, we evaluated an alternative that provides a 1050-foot tunnel under the railroad, Market Street and the future runway extension. A four-lane divided curb and gutter section with an 18-foot raised median was utilized in this alternative. The total estimated cost of the proposed Gallimore Dairy Road Extension is \$31,100,000 of which \$1,700,000 is estimated for right-of-way and \$29,400,000 is estimated for construction. Instead of the proposed extension, we recommend that auxiliary turn lanes be provided at the Market Street intersections with Gallimore Dairy Road and Friendly Avenue because of the anticipated conflict with the airport and associated cost. The total estimated cost for providing these intersection improvements is \$2,000,000 of which \$500,000 is for right-of-way and \$1,500,000 is estimated for construction. Based on our analysis, both alternatives are expected to operate at a similar level of service.

As you are aware, this work is preliminary and is not the product of comprehensive environmental or design evaluations. If you have any additional questions concerning this project, please call me at 733-2039.

DWL/dl

Attachment

cc: J. Douglas Galyon, Member, Board of Transportation
Mike Mills, P.E., Division 7 Engineer
Jim Westmoreland, P.E., Director of Transportation, City of Greensboro
Al. Avant, Assistant Branch Manager, Program Development Branch
Van Argabright, P.E., TIP Squad Leader, Western Region



FS-0107C
Gallimore Dairy Road Extension
From Market Street to Friendly Ave.
Greensboro, Guilford County
Scale 1 Inch = 0.25 Miles