



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
P.O. BOX 25201
RALEIGH 27611-5201

JAMES G. MARTIN
GOVERNOR

October 31, 1989

DIVISION OF HIGHWAYS

JAMES E. HARRINGTON
SECRETARY

GEORGE E. WELLS, P.E.
STATE HIGHWAY ADMINISTRATOR

Ms. Lorretta Barren
Winston-Salem City Planning Board
Post Office Box 2511
Winston-Salem, North Carolina 27102

Subject: Approval of Alternate Sign for Urban
Bicycle Routes

Dear Ms. Barren:

The subject sign described on the attached sheet has been reviewed favorably by a task force of the Institute of Transportation Engineers and has been approved by J. M. Lynch, State Traffic Engineer.

Please note that the sign is approved as an alternate to the D11-1 sign in the MUTCD and is approved for use in municipalities only.

Very truly yours,

A handwritten signature in dark ink, appearing to read "N. C. Crowe, Jr.", written over a horizontal line.

N. C. Crowe, Jr., P.E.
Assistant State Traffic Engineer
Field Operations

NCCjr/WJW:pjl
Attachment

cc: Mr. A. L. Williford, P.E., att.
Mr. Chris Richter, att.
Ms. Mellisa Marion, att.
Mr. C. C. Sessoms, Jr., P.E., att.
Mr. L. T. Williams, P.E., att.
Mr. M. D. Moore, att.
Mr. G. G. Grigg, P.E., att.

BICYCLE ROUTE MAP SCHEMATIC

(Proposed Alternate Sign)

Introduction

An alternate sign for urban bicycle routes is recommended for use in urban areas. This sign would stand alone and would not be used in conjunction with the D11-1 sign in the MUTCD.

Design

The proposed sign would consist of the bicycle symbol at the top with the map schematic directly underneath. The bicycle symbol should be white on a green background while the map schematic should have a white background. All streets on the bicycle route should be shown on the schematic. Major cross streets may be shown to help the bicyclist. A "you are here" circle is highly recommended. The circle should be a different color and could be installed in the field with pressure sensitive material. This would eliminate the need to customize each sign in the fabrication process.

Sizes

The overall sign size should be 24" horizontal by 30" vertical. The bicycle measures 13" long by 7 1/4" high. Other dimensions (minimum) are:

- Bicycle Route Name - 1"
- Lines representing streets - 1/4"
- Street name letters - 1/4"

Supplemental Arrows

A directional arrow may be used underneath the proposed sign. This arrow should be the appropriate design M7-1 through M7-7. At the risk of contradicting the MUTCD, the committee felt a 6" x 6" arrow sign was of sufficient size for the bicyclist.

RW/sbl

Exhibit 3
Project No. 8.1621901
Winston-Salem, Forsyth County
Bicycle Route Signing

Dimensions: 24"x36"

Upper Portion: White on Black

Lower Portion: Black & White on Green with Field Applied Yellow Dot to Indicate Location

