

Terence Smith

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Sent: Monday, July 31, 2006 2:48 PM
To: tsmith@ci.somerville.ma.us
Subject: HCVE in somerville

| | | | | | | | | |
|---|------------|-----------------------|------------|--------------|------------------------------------|--|-----------------------|-----------------------|
| 4 | Somerville | CAMERON AVENUE | 9/10/1986 | E-B-274-5365 | 24 HRS. 7 DAYS 2.5 TONS | Holland Street | Cambridge City | |
| | | line | | | | Highland Avenue, Elm Street, Holland Street, Broadway | | |
| 4 | Somerville | CENTRAL STREET | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Summer Street | Somerville Avenue | Somerville |
| | | | | | | Avenue, Highland Avenue | | |
| 4 | Somerville | CHESTER STREET | 9/10/1986 | E-B-274-5365 | 24 HRS. 7 DAYS 2.5 TONS | Elm Street | Cambridge city line | -0- |
| 4 | Somerville | CLARENDON AVENUE | 6/28/1977 | B-3048 | 24 HRS. 7 DAYS 2.5 TONS | Broadway | Cambridge City line | -0- |
| 4 | Somerville | CROSS STREET | 8/19/1964 | 12551 | 11 HRS 8 PM - 7AM 7 DAYS 2.5 TONS | Broadway | Mystic Avenue | -0- |
| 4 | Somerville | CYPRESS STREET | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Central Street | Beech Street | -0- |
| 4 | Somerville | DAY STREET | 9/10/1986 | E-B-274-5365 | 24 HRS. 7 DAYS 2.5 TONS | Elm Street | Cambridge City line | -0- |
| 4 | Somerville | DOVER STREET | 9/10/1986 | E-B-274-5365 | 24 HRS. 7 DAYS 2.5 TONS | Davis Square | Cambridge city line | -0- |
| 4 | Somerville | EVERETT AVENUE | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Cross Street | Msgr. McGrath Highway | -0- |
| 4 | Somerville | FISKE AVENUE | 9/25/1969 | B-694 | 24 HRS. 7 DAYS 2.5 TONS | Lowell Street | Hinckley Street | -0- |
| 4 | Somerville | KENSINGTON AVENUE | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Broadway | Blakely Avenue | -0- |
| 4 | Somerville | NEWBURY STREET | 6/28/1977 | B-3047 | 24 HRS. 7 DAYS 2.5 TONS | Broadway | Cambridge City line | -0- |
| 4 | Somerville | OXFORD STREET | 9/7/1993 | E-B-274-6126 | 24 HRS. 7 DAYS 2.5 TONS | Beacon Street(Somerville) | Cambridge | |
| | | City Line | | | | Beacon Street (Somerville/Cambridge), Cambridge Street | | |
| 4 | Somerville | PROSPECT HILL PARKWAY | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Columbus Avenue | Munroe Street | -0- |
| 4 | Somerville | PROSPECT STREET | 1/8/1987 | E-B-274-5395 | 24 HRS. 7 DAYS 2.5 TONS | Somerville Avenue | Cambridge City | |
| | | line | | | | -0- | | |
| 4 | Somerville | RUSSELL STREET | 9/10/1986 | E-B-274-5365 | 24 HRS. 7 DAYS 2.5 TONS | Elm Street | Cambridge City line | -0- |
| 4 | Somerville | UNION STREET | 8/19/1964 | 12551 | 24 HRS. 7 DAYS 2.5 TONS | Mystic Avenue | Broadway | -0- |
| 4 | Somerville | WASHINGTON STREET | 8/19/1964 | 12551 | 7 HRS 11 PM to 6AM 7 DAYS 2.5 TONS | Square | Webster Ave at Union | |
| | | | | | | Beacon Street | -0- | |
| 4 | Somerville | WEBSTER AVENUE | 1/8/1987 | E-B-274-5395 | 24 HRS. 7 DAYS 2.5 TONS | Washington Street | Prospect Street | -0- |
| 4 | Somerville | BOSTON AVE. | 11/12/2002 | E-B-274-7079 | 24 HRS. 7 DAYS 2.5 TONS | Broadway | Morrison | Willow Ave., |
| | | | | | | Broadway and Morrison Ave. | | |
| 4 | Somerville | HIGHLAND ROAD | 11/12/2002 | E-B-274-7079 | 24 HRS. 7 DAYS 2.5 TONS | entirety | -0- | Willow Ave., Broadway |
| | | | | | | and Morrison Ave. | | |
| 4 | Somerville | JOSEPHINE AVE. | 11/12/2002 | E-B-274-7079 | 24 HRS. 7 DAYS 2.5 TONS | entirety | -0- | Willow Ave., Broadway |
| | | | | | | and Morrison Ave. | | |
| 4 | Somerville | PEARSON AVE. | 11/12/2002 | E-B-274-7079 | 24 HRS. 7 DAYS 2.5 TONS | entirety | -0- | Willow Ave., Broadway |
| | | | | | | and Morrison Ave. | | |
| 4 | Somerville | PRICHARD AVE. | 11/12/2002 | E-B-274-7079 | 24 HRS. 7 DAYS 2.5 TONS | entirety | -0- | Willow Ave., Broadway |
| | | | | | | and Morrison Ave. | | |

Raj Kulen, P.E.

District Traffic Engineer

MassHighway - District 4

519 Appleton Street

Section 10A-9 Heavy Commercial Vehicle Exclusion

A truck exclusion from a municipal way may be authorized provided a suitable alternate route is available. The alternate route shall have an effective width and pavement structure which can safely accommodate the additional truck traffic. In addition the alternate route must meet one of the following conditions:

- (1) Lie wholly within the community making application,
- (2) Lie partially in an adjacent community but only on State Highway, or
- (3) Lie partially in an adjacent community but have the adjacent community's written approval.

An engineering study, as outlined in the Data requested below, must be made. In addition, one or more of the following may be sufficient justification for truck exclusion:

1. Warrants

- A. A volume of heavy commercial vehicles, which usually is in the range of five (5) to eight (8) percent, reduces the utilization of the facility and is cause for a substantial reduction in capacity or safety.
- B. The condition of the pavement structure of the route to be excluded indicates that further repeated heavy wheel loads will result in severe deterioration of the roadway.
- C. Notwithstanding the foregoing, in certain instances where land use is primarily residential in nature and a municipality has requested exclusion only during hours of darkness, a specific night exclusion may be granted.

2. Data

Before MassHighway can consider an exclusion proposal, the following data must be submitted by the municipality:

- A. A twenty-four hour consecutive count of all vehicles using the subject street. (If the exclusion is requested for only twelve hours, a twelve-hour count will suffice.) The count shall be broken into one-half hour intervals showing:
 - (1) Commercial vehicles with a carrying capacity over 2½ tons
 - (2) Other vehicles
- B. Map of the area, with the excluded street marked in red, the alternate route in green.
- C. Physical characteristics of excluded and alternate streets in question, i.e, length, width, type and condition of surface and sidewalk.

- D. Types of buildings or property abutting street (Residential, Business, School, Playground, etc).
- E. Zoning of Street (Residential, Industrial, etc.).
- F. Proximity of probable alternate route to the proposed excluded route and the additional distance to be traveled using the alternate route.
- G. Types of control existing on street.
- H. Hours during which exclusion is to be in effect.
- I. A written statement from the municipality as to the need for the exclusion.