



CITY OF CAMBRIDGE
Traffic, Parking and Transportation
57 Inman Street,
Cambridge, Massachusetts 02139

Susan E. Clippinger
Director

Administration	349-4700
Parking Violations	349-4705
Resident Parking	349-4701

June 23, 1998

TO: Robert Healy, City Manager

FROM: Susan E. Clippinger, Director

SUBJECT: Council Order #027

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OFFICE OF THE CITY MANAGER

Arthur D. Little completed a study entitled Hazardous Materials Transportation Risk Assessment Phase I - Data Acquisition in March 1995. The report was prepared for the local Emergency Planning Committee and the City of Cambridge Fire Department.

The Phase I study's overall objective was to obtain an understanding of the types and amounts of hazardous materials traveling in and through the City by rail and highway. The information was collected by survey forms. The Phase I study concluded that the five most traveled street segments were:

- O'Brien Highway between the City line and the Museum of Science
- Gilmore Bridge (Charlestown Ave.)
- First Street between O'Brien Highway and Main Street.
- Mass. Ave. between Harvard Square and Central Square
- River Street between Central Square and Memorial Drive

The Phase II study involves the conducting of a qualitative risk assessment of the routes being used. The Phase II scope of work previously prepared by ADL is attached.

During the meetings of the City Manager's Truck Advisory Committee, some members requested that the street segments of Brattle, Mason, Kirkland also be included in the Phase II study.

In May, the City undertook a major traffic counting effort to perform a new cordon count. This time the cordon count effort also included the collection of truck information. All 51 cordon count locations included a breakdown of vehicles by size categories which allows the City to have truck information. At 16 locations an additional effort was made and trucks with hazardous materials placards were also broken out as a separate category in the counts. A listing of the 16 locations where hazardous materials placards were counted is attached.

The cordon count information will be analyzed this summer. Prior to proceeding with the Phase II study, the cordon count results should be compared to the Phase I study conclusions and the scope for the phase II study modified, as necessary. The Fire Department can then proceed to put the Phase II study out to bid and complete the work.

Attachments: 16 Hazmat locations
Phase II Scope

cc: Capt. Ferazani
Chief Fitzgerald

HAZARDOUS MATERIAL LOCATIONS C-1

Concord Ave.	E. of Fresh Pond Pkwy
Mass. Ave.	S. of Magoun
Beech St.	E. of Mass. Ave.
Somerville Ave.	E of White St.
Kirkland St.	W of city Line
Prospect St.	N. of Cambridge
Third St.	S of Msgr. O'Brien Hwy.
Cambridge St.	E of First
Binney St.	W of Land Blvd
Main St.	at Longfellow Bridge
Mass. Ave.	N of Memorial Drive
River St.	E. of Memorial Drive
Western Ave.	E. of Memorial Drive
J.F.Kennedy St.	N. of Memorial Drive
Mt. Auburn St.	W. of Trail St.
Brattle St.	W. of Lexington Ave.



CITY OF CAMBRIDGE
CAMBRIDGE, MASSACHUSETTS 02139

TEL. 349-4300
FAX. 349-4307



6.

EXECUTIVE DEPARTMENT
ROBERT W. HEALY
City Manager

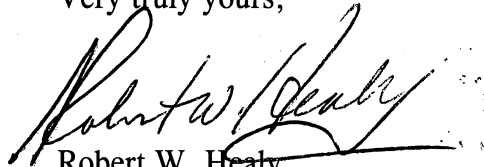
RICHARD C. ROSSI
Deputy City Manager

July 27, 1998

To The Honorable, The City Council:

Please find attached a response to Awaiting Report Item No. 19, regarding a report on hazardous cargo and what needs to be done to complete the ADL study, received from Traffic, Parking & Transportation Director Susan Clippinger.

Very truly yours,


Robert W. Healy
City Manager

RWH/mec
Attachment

Consent Agenda #6

4925

Relative to AR #19 regarding a
report on hazardous cargo and
what needs to be done to complete the
ADL study.

In City Council July 27, 1998

PLACED ON FILE