Recd.
MAR 1 2000

SUMMARY OF TESTIMONY

BEFORE THE

DISTRICT OF COLUMBIA BOARD OF ZONING ADJUSTMENT

WASHINGTON, D.C.

Special Exception

Application no. 16554

by

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On behalf of

STUDIO HOUSE SCHOOL OF THE ARTS

2306 MASSACHUSETTS AVENUE, N.W.

March 1, 2000

BZA
CASE No. 16554
EXHIBIT No. 45

Board of Zoning Adjustment
District of Columbia
CASE NO.16554
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I. INTRODUCTION

- 2306 Massachusetts Avenue abuts Sheridan Circle
- Massachusetts Avenue is a major Northwest-Southeast arterial
- Sheridan Circle – only **3** legs
- The circle controls traffic to counter clockwise movements – slowing it and eliminating **left** turns – greatly reducing serious accidents

II. DATA

- D.C. Department of Public Works (DPW)
  - + Layout of Sheridan Circle
  - + **1984** traffic counts
- Traffic study of Sheridan Circle, PM Peak, 12/9/99
- Traffic study of Sheridan Circle, Friday at 7:15 – 8:15 p.m., 2/11/00
- Transit Service
  - + Dupont Metro Station – ½ mile walk
  - + Bus – 4 Metro bus lines; 44 buses enter the circle between 3 p.m. and 8 p.m.
- Off-Street Parking
  - + 9 on-site – meeting zoning requirement
  - + 10 spares – Fairfax Hotel (2 blocks away)
- On-Street
  - + Preliminary Study, Mid-December; 1999

    Some limited curb spaces were vacant during mid-day

+ Study on Friday, Feb. 11, 2000 – study area bounded by Massachusetts Avenue, 24th St., California St., and 22nd St. Over 30 vacant spaces, each tour for the time period 7:00-8:15 p.m.

III. ANALYSIS

- Trip Generation – Assumed the worst case
  + All half hour lessons
  + All students come by auto – 1 per car
  + Total of 36 trips/hour
    -- 18 Drop off
    -- 18 Pick up
- Capacity/Level of Service (LOS)
  + LOS for existing traffic = "B" or better
  + LOS for total traffic (existing + site) – Remains unchanged
  + Very acceptable LOS – See table 1

IV. CONCLUSION

- The Proposed Studio House School of the Arts will not have a significant impact on the street system. Sheridan Circle is one of the smoothest operating circles in Washington, and the small number of site trips does not change the very good level of service. Off-street parking zoning requirements can be met on site. With limited use of curb spaces and use of nearby off-street parking (e.g. hotels), the school should operate smoothly, from a transportation point of view.

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EVELYN C. CARTER

2406 PARKING PROHIBITED BY POSTED SIGN

2406.1 The Director is authorized to have signs prohibiting parking, except for those vehicles indicated by such signs, placed where government parking areas have been provided.

2406.2 The Director is authorized to have signs prohibiting parking placed on streets adjacent to any school on school days, or playgrounds between the hours of 7:00 a.m. and 6:30 p.m., or for such lesser time as the Director may, in his or her discretion, establish.

2406.3 The Director is authorized to have signs prohibiting parking placed in front of the entrance of any of the following:

(a) A government or public building;

(b) A theater, hospital, hotel, club, or church;

(c) An apartment building in which twenty-five (25) or more separate families are housed;

(d) A restaurant having facilities for two hundred fifty (250) or more people or where there is a marquee or covered walkway; or

(e) The principal entrance of the embassy or legation of any foreign country.

2406.4 The Director is authorized to have signs prohibiting parking placed in front of the entrance of any office building having ten (10) or more offices, or the chancery of the embassy or legation of any foreign country between the hours of 7:00 a.m. and 6:30 p.m.

2406.5 The Director is authorized to have signs prohibiting parking placed for a distance not to exceed sixty feet (60 ft.) along the curb in front of or along side of any building occupied by an embassy or legation of any foreign country, except for those vehicles bearing diplomatic motor vehicle identification tags.

2406.6 The Director is authorized to erect signs indicating **"NO PARKING"** from the intersection of curb lines of intersecting streets to a point twenty-five feet (25 ft.) in advance of and on the approach to a vehicle detector for traffic signals or for vehicle counters located in the road.

2406.7 The Director is authorized to erect signs indicating **"NO PARKING"** on any street when the width of the roadway does not exceed twenty feet (20 ft.) or on one side of any street when the width of the roadway does not exceed thirty feet (30 ft.).

2406.8 When official signs prohibiting parking are erected on narrow streets as authorized in §2406.7, no person shall park a vehicle upon any such street in violation of any such sign.

BZA CASE No. 16554 45

Rec'd.
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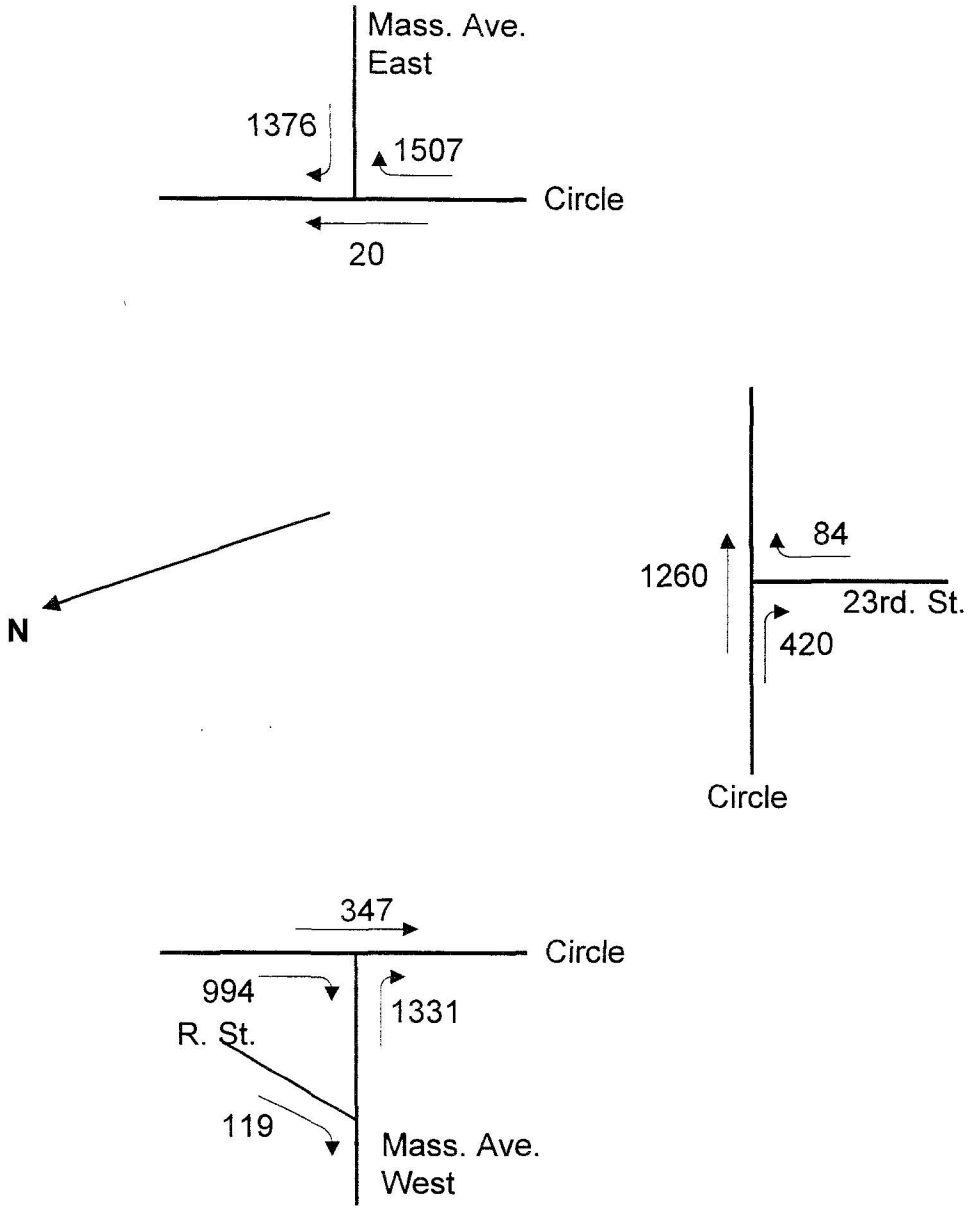


Exhibit 6. Vehicle Turning Movements at Sheridan Circle, 1984, PM Peak Hr.

Critical Lane Volume (CLV) Analysis : 1984 Traffic

❑ Mass. Ave. East

- Right turn from Mess. Ave. East (2 lane)

  1376*0.53 = 729

- Through on Circle (2lane) & R.T. from Sheridan (shared lane)

  (20 + 1507) * 0.53 = 809

- Sum of Critical Lane Volume = 1538
- LOS = E

❑ 23rd Street

- Through on Circle (2 lane) & R.T. from Sheridan (1lane)

  (1260 + 420) *0.53 = 890

- Right turn from 23rd St. (1 1ane)

  84 * 1.0 = 84

- Sum of Critical Lane Volume = 974
- LOS = A

❑ Mass. Ave. West

- Through on Circle (2 lane) & R.T. from Sheridan (1 lane)

  (347 + 994) *0.53 = 711

- Right turn from Mass. Ave. West (2 1ane)

  1331 * 0.53 = 705

- Sum of Critical Lane Volume = 1416
- LOS = D