

**Report of the Transportation Advisory Committee
to the
Arlington Redevelopment Board & Symmes Advisory Committee**

6 August 2003

Symmes Neighborhood Transportation Data

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Associated Materials:

- The Louis Berger Group:
 - Transportation Assessment Study, Town of Arlington MA

- Vanasse Hangen Brustlin:
 - Preliminary Transportation Findings - 21 August 2002
 - Strategic Assessment Report, Existing Traffic Volumes

- Fay, Spofford & Thorndike:
 - Rt. 2A Summer Street Reconstruction Project reports

Committee Members:

- Ed Starr, Chair, Arlington School Committee
- Elisabeth Carr-Jones, Precincts 8 -14
- Ralph Elwell, Precincts 15 - 21
- Larry Englisher, Representative at Large
- Lt. Jim McHugh, Arlington Police Department
- Kevin O'Brien, Planning and Community Development
- Michael Rademacher, Representative at Large
- John Sanchez, Arlington Department of Public Works
- Scott Smith, Precincts 1 - 7
- David Walkinshaw, Arlington Chamber of Commerce

Traffic Data

The Arlington Police Department's Traffic and Parking Unit, in coordination with the Transportation Advisory Committee, has been performing standardized traffic data collection since last year. Weekday counts taken in the neighborhood of the Symmes site are included below. Two counts are included for Oak Hill Drive. The 2001 count was performed in response to a request for recommendations from Arlington's Board of Selectmen; the 2002 count was part of the standardized town-wide measurement survey.

Brattle Street	Northbound	Southbound	Total
Daily Traffic	137	145	282
AM Peak (6 - 9 AM)	19	30	49
PM Peak (4 - 7 PM)	28	27	55
Mean Speed	20	16	
85th Percentile Speed	25	23	
(count performed 5-8 May 2003 at Millet Street)			

Grove Street*	Northbound	Southbound	Total
Daily Traffic	813	807	1,620
AM Peak (6 - 9 AM)	123	120	243
PM Peak (4 - 7 PM)	131	136	267
Mean Speed	-	-	
85th Percentile Speed	-	-	
(count performed 27-30 May 2003 at #54 Grove Street, north of Dudley Street)			

* Previous studies have indicated significantly higher traffic volumes. This will be further investigated.

Hemlock Street	Northbound	Southbound	Total
Daily Traffic	1,062	1,030	2,092
AM Peak (6 - 9 AM)	88	220	308
PM Peak (4 - 7 PM)	280	177	457
Mean Speed	26	25	
85th Percentile Speed	30	30	
(count performed 15-18 April 2003 at #60 Hemlock Street, north of Lansdowne Road)			

Woodside Lane	Northbound	Southbound	Total
Daily Traffic	294	290	584
AM Peak (6 - 9 AM)	34	62	96
PM Peak (4 - 7 PM)	64	49	113
Mean Speed	22	20	
85th Percentile Speed	28	29	
(count performed 15-18 April 2003 at Hazel Terrace)			

Oak Hill Drive	Northbound	Southbound	Total
Daily Traffic	1,007	883	1,890
AM Peak (6 - 9 AM)	152	248	400
PM Peak (4 - 7 PM)	288	171	459
Mean Speed	30	16	
85th Percentile Speed	39	24	
(count performed 11-13 September 2001)			

Oak Hill Drive	Northbound	Southbound	Total
Daily Traffic	519	313	832
AM Peak (6 - 9 AM)	107	107	214
PM Peak (4 - 7 PM)	215	125	340
Mean Speed	28	27	
85th Percentile Speed	33	32	
(count performed 5-7 June 2002 at #83 Oak Hill Drive)			

Crash Data

The data below was compiled by Transportation Advisory Committee from Mass Highway Operations and Safety Unit statistics. It represents all of the crashes in the neighborhood of the Symmes site in the nine years from 1992 through 2000. There were no reported pedestrian crashes in the neighborhood of the Symmes site during this period.

Intersection	1992-1994	1995-1997	1998-2000	Total 1992-2000
Summer Street and Brattle Street	7	10	7	24
Summer Street and Oak Hill Drive	6	5	3	14
Summer Street and Hospital Road	2	3	5	10
Summer Street and Hemlock Street	1	0	1	2
Brattle Street and Hemlock Street	0	1	1	2
Brattle Street and Brattle Court	0	0	1	1
Oak Hill Drive and Woodside Lane	0	1	0	1
Summer Street and Grove Street	8	8	13	29