ShawPittman LLP

A Limited Liability Partnership Including Professional Corporations

ALLISON C. PRINCE
202.663.8853
allison.prince@shawpittman.com

July 5, 2002

RECEIVED
D.C. OFFICE OF ZONING
2002 JUL -5 PM 3:59

By Hand Delivery

Mr. Geoffrey Griffis, Chairman
Board of Zoning Adjustment
441 4th Street, N.W., Second Floor
Washington, DC 20001

Re: St. Patrick's School - 4925 MacArthur Blvd.
BZA Application No. 16852

Dear Chairman Griffis and Members of the Board:

During the third hearing on the St. Patrick's application which was held on July 2, 2002, Marty Wells of Wells & Associates agreed to provide certain traffic information to the parties. Enclosed please find the requested information. John Andrus of Wells & Associates will be available at the next hearing on July 9, 2002, to answer any questions about this information.

In addition, David Konapelsky of GTM Architects has prepared a parking layout that includes a buffer along the entire southern property line in an effort to address recent comments from Cathy Wright and Lawrence Skrivseth of 4913 MacArthur Blvd., N.W. They have not endorsed this plan and it is presented only for illustrative purposes to demonstrate that a buffer could be provided along the entire southern property line if desired by the abutting property owners.

Finally, based on follow up discussions with Rachel MacCleery of the D.C. Department of Transportation, we have determined that her questions have been addressed. We understand that she will be communicating this fact to the BZA.

Sincerely,

Allison C. Prince

Allison C. Prince

Attachments

cc: All Parties (see Certificate of Service)

Document #: 1255706 v.1

BZA
Case No. 16852
Exhibit No. 296

Board of Zoning Adjustment
District of Columbia
CASE NO.16852
EXHIBIT NO.296

ShawPittman LLP

A Limited Liability Partnership Including Professional Corporations

Certificate of Service

I hereby certify that on July 5, 2002, a copy of the foregoing letter and attachment were hand delivered to the following:

John Finney
ANC 3D04
5275 Watson Street, N.W.
Washington, D.C. 20016

Nancy Feldman
4911 "W" Street, N.W.
Washington, D.C. 20007

Alma Gates
4911 Ashby Street, N.W.
Washington, D.C. 20007

Katherine VanSickle DeMallie
4923 Ashby Street, N.W.
Washington, D.C. 20007

Lawrence Skrivseth and Cathy Wright
4913 MacArthur Blvd., N.W.
Washington D.C. 20007

Michael Lovendusky
4927 MacArthur Blvd., N.W.
Washington, D.C. 20007

Ken Laden and Rachel MacCleery
DDOT
2000 14th Street, N.W., 7th Floor
Washington, D.C. 20009

Maxine Brown Roberts
Office of Planning
801 N. Capitol Street, N.E., 4th Floor
Washington, D.C. 20002

Allison C. Prince

Document #: 1255712 v.1

WELLS & ASSOCIATES, LLC
TRAFFIC, TRANSPORTATION, and PARKING CONSULTANTS

July 3, 2002

Allison C. Prince
Shaw Pittman, LLC
2300 N Street, N.W., 6th Floor
Washington, D.C. 20037-1128

Subject: Supporting Documentation for St. Patrick's Episcopal Day School Requested at the July 1, 2002 BZA Hearing.

Dear Allison:

Attached please find the following documentation as requested at the July 1, 2002 BZA Hearing and in the July 3, 2002 data request from Tina Van Sickle DeMallie:

1. Traffic counts collected between 6:00 - 9:00 AM and between 2:00 - 6:00 PM on Tuesday, December 12, 2001, by 15-minute intervals, conducted by Wells & Associates at the following locations:

   a. MacArthur Boulevard/Whitehaven Parkway.
   b. Foxhall Road/Whitehaven Parkway.
   c. Whitehaven Parkway/East St. Patrick's Access Drive.
   d. Whitehaven Parkway/Center St. Patrick's Access Drive.
   e. Whitehaven Parkway/West St. Patrick's Access Drive.

2. On-Street Pick-Up/Drop-Off counts conducted by Wells & Associates on Tuesday, December 12, 2001 between 7:30 - 9:00 AM and between 2:00 - 4:30 PM, by 15-minute intervals, at the St. Patrick's Whitehaven Campus.

3. Total future traffic forecasts of peak hourly flow rates (without added GWU and Field School traffic) along Whitehaven Parkway from MacArthur Boulevard to Foxhall Road assuming the proposed reversal of the St. Patrick's EDS pick-up/drop-off operation and the addition of grade 7 and 8 traffic volumes. These forecasts reflect the analyses presented in our April 2, 2002 traffic study.

1420 Spring Hill Road, Suite 600 • McLean, Virginia 22102 • 703 / 917-6620 • Fax: 703 / 917-0739

4. Total future traffic forecasts of peak hourly flow rates (with added GWU and Field School traffic) along Whitehaven Parkway from MacArthur Boulevard to Foxhall Road assuming the proposed reversal of the St. Patrick's EDS pick-up/drop-off operation and the addition of grade 7 and 8 traffic volumes. These forecasts are reflective of analyses prepared after the submittal of our April 2, 2002 traffic study based on input from citizens, DDOT, and at our meetings with the ANC and BZA.

5. Level of service, delay, and queuing calculations with GWU and the Field School assuming the proposed reversal of the St. Patrick's EDS pick-up/drop-off operation.

Please note that the attached traffic forecasts do not take into account the car pool program proposed by St. Patrick's. This proposed car pool program is intended to result in a "no net gain" in trip generation between existing Whitehaven campus trip generation and the trip generation that will be experienced at the Whitehaven Campus after the opening of the 7th and 8th grade classes at the MacArthur campus. Thus, these analyses should be viewed as conservative as the traffic forecasts presented herein are higher than those that would be expected with the proposed car pool program.

This information is submitted to you with the expectation that you will serve it on all necessary parties.

Please feel free to contact us should you have any questions or comments regarding the information presented above.

Sincerely,

Martin J. Wells, P.E.
President

Wells & Associates, LLC

McLean, Virginia

Existing Traffic Count

PROJECT:	St.Patricks Episcopal Day School	DATE:	12/12/2001	SOUTHBOUND ROAD:	Macarthur Blvd.		
W & A JOB NO.:	1722	DAY:	Wednsday	NORTHBOUND ROAD:	Macarthur Blvd.		
INTERSECTION:	Macarthur Blvd.&Whitehaven Pkwy.	WEATHER:	overcast	WESTBOUND ROAD:	Whitehaven Pkwy.		
LOCATION:	Washington,DC	COUNTED BY:	Crawfords	EASTBOUND ROAD:			
		INPUTED BY:	agan				

Time Period	Turning Movements: Southbound Macarthur Blvd. 1 Right	2 Thru	3 Left	Total	Westbound Whitehaven Pkwy. 4 Right	5 Thru	6 Left	Total	Northbound Macarthur Blvd. 7 Right	8 Thru	9 Left	Total	Eastbound 0 10 Right	11 Thru	12 Left	Total	North & South	East & West	Total	PHF	Time Period
AM																					
6:00-6:15	0	56	3	59	2	0	0	2	0	66	0	66	0	0	0	0	125	2	127		6:00-6:15
6:15-6:30	0	64	3	67	5	0	0	5	2	74	0	76	0	0	0	0	143	5	148		6:15-6:30
6:30-6:45	0	111	5	116	2	0	1	3	3	90	0	93	0	0	0	0	209	3	212		6:30-6:45
6:45-7:00	0	161	5	166	2	0	1	3	2	109	0	111	0	0	0	0	277	3	280		6:45-7:00
7:00-7:15	0	193	7	200	3	0	1	4	3	102	0	105	0	0	0	0	305	4	309		7:00-7:15
7:15-7:30	0	287	11	298	3	0	2	5	4	125	0	129	0	0	0	0	427	5	432		7:15-7:30
7:30-7:45	0	399	22	421	6	0	6	12	7	150	0	157	0	0	0	0	578	12	590		7:30-7:45
7:45-8:00	0	430	18	448	25	0	5	30	3	158	0	161	0	0	0	0	609	30	639		7:45-8:00
8:00-8:15	0	377	28	405	43	0	9	52	12	205	0	217	0	0	0	0	622	52	674		8:00-8:15
8:15-8:30	0	346	32	378	32	0	7	39	18	222	0	240	0	0	0	0	618	39	657		8:15-8:30
8:30-8:45	0	356	39	395	8	0	2	10	8	245	0	253	0	0	0	0	648	10	658		8:30-8:45
8:45-9:00	0	344	33	377	17	0	5	22	8	174	0	182	0	0	0	0	559	22	581		8:45-9:00
3 Hour Totals	0	3,124	206	3,330	148	0	39	187	70	1,720	0	1,790	0	0	0	0	5,120	187	5,307		
1 Hour Totals																					
6:00-7:00	0	392	16	408	11	0	2	13	7	339	0	346	0	0	0	0	754	13	767	0.68	6:00-7:00
6:15-7:15	0	529	20	549	12	0	3	15	10	375	0	385	0	0	0	0	934	15	949	0.77	6:15-7:15
6:30-7:30	0	752	28	780	10	0	5	15	12	426	0	438	0	0	0	0	1,218	15	1,233	0.71	6:30-7:30
6:45-7:45	0	1,040	45	1,085	14	0	10	24	16	486	0	502	0	0	0	0	1,587	24	1,611	0.68	6:45-7:45
7:00-8:00	0	1,309	58	1,367	37	0	14	51	17	535	0	552	0	0	0	0	1,919	51	1,970	0.77	7:00-8:00
7:15-8:15	0	1,493	79	1,572	77	0	22	99	26	638	0	664	0	0	0	0	2,236	99	2,335	0.87	7:15-8:15
7:30-8:30	0	1,552	100	1,652	106	0	27	133	40	735	0	775	0	0	0	0	2,427	133	2,560	0.95	7:30-8:30
7:45-8:45	0	1,509	117	1,626	108	0	23	131	41	830	0	871	0	0	0	0	2,497	131	2,628	0.97	7:45-8:45
8:00-9:00	0	1,423	132	1,555	100	0	23	123	46	846	0	892	0	0	0	0	2,447	123	2,570	0.95	8:00-9:00
AM Peak 7:45-8:45	**0**	**1,509**	**117**	**1,626**	**108**	**0**	**23**	**131**	**41**	**830**	**0**	**871**	**0**	**0**	**0**	**0**	**2,497**	**131**	**2,628**	**0.97**	**AM Peak 7:45-8:45**
PM																					
2:00-2:15	0	176	6	182	5	0	1	6	5	138	0	143	0	0	0	0	325	6	331		2:00-2:15
2:15-2:30	0	177	4	181	6	0	4	10	2	160	0	162	0	0	0	0	343	10	353		2:15-2:30
2:30-2:45	0	164	7	171	8	0	6	14	12	195	0	207	0	0	0	0	378	14	392		2:30-2:45
2:45-3:00	0	183	10	193	44	0	7	51	4	202	0	206	0	0	0	0	399	51	450		2:45-3:00
3:00-3:15	0	202	9	211	69	0	15	84	5	191	0	196	0	0	0	0	407	84	491		3:00-3:15
3:15-3:30	0	206	10	216	37	0	10	47	6	152	0	158	0	0	0	0	374	47	421		3:15-3:30
3:30-3:45	0	212	11	223	25	0	6	31	11	206	0	217	0	0	0	0	440	31	471		3:30-3:45
3:45-4:00	0	188	5	193	14	0	5	19	6	174	0	180	0	0	0	0	373	19	392		3:45-4:00
4:00-4:15	0	173	3	176	17	0	6	23	3	194	0	197	0	0	0	0	373	23	396		4:00-4:15
4:15-4:30	0	194	10	204	16	0	9	25	3	186	0	189	0	0	0	0	393	25	418		4:15-4:30
4:30-4:45	0	196	3	199	16	0	3	19	6	193	0	199	0	0	0	0	398	19	417		4:30-4:45
4:45-5:00	0	174	4	178	12	0	6	18	1	223	0	224	0	0	0	0	402	18	420		4:45-5:00
5:00-5:15	0	202	6	208	14	0	6	20	3	214	0	217	0	0	0	0	425	20	445		5:00-5:15
5:15-5:30	0	202	8	210	22	0	7	29	4	237	0	241	0	0	0	0	451	29	480		5:15-5:30
5:30-5:45	0	218	4	222	20	0	8	28	5	248	0	253	0	0	0	0	475	28	503		5:30-5:45
5:45-6:00	0	170	3	173	17	0	14	31	8	224	0	232	0	0	0	0	405	31	436		5:45-6:00
4 Hour Totals	0	1,529	41	1,570	134	0	59	193	33	1,719	0	1,752	0	0	0	0	3,322	193	3,515		
1 Hour Totals																					
2:00-3:00	0	700	27	727	63	0	18	81	23	695	0	718	0	0	0	0	1,445	81	1,526	0.85	2:00-3:00
2:15-3:15	0	726	30	756	127	0	32	159	23	748	0	771	0	0	0	0	1,527	159	1,686	0.86	2:15-3:15
2:30-3:30	0	755	36	791	158	0	38	196	27	740	0	767	0	0	0	0	1,558	196	1,754	0.89	2:30-3:30
2:45-3:45	0	803	40	843	175	0	38	213	26	751	0	777	0	0	0	0	1,620	213	1,833	0.93	2:45-3:45
3:00-4:00	0	808	35	843	145	0	36	181	28	723	0	751	0	0	0	0	1,594	181	1,775	0.90	3:00-4:00
3:15-4:15	0	779	29	808	93	0	27	120	26	726	0	752	0	0	0	0	1,560	120	1,680	0.89	3:15-4:15
3:30-4:30	0	767	29	796	72	0	26	98	23	760	0	783	0	0	0	0	1,579	98	1,677	0.89	3:30-4:30
3:45-4:45	0	751	21	772	63	0	23	86	18	747	0	765	0	0	0	0	1,537	86	1,623	0.97	3:45-4:45
4:00-5:00	0	737	20	757	61	0	24	85	13	796	0	809	0	0	0	0	1,566	85	1,651	0.98	4:00-5:00
4:15-5:15	0	766	23	789	58	0	24	82	13	816	0	829	0	0	0	0	1,618	82	1,700	0.96	4:15-5:15
4:30-5:30	0	774	21	795	64	0	22	86	14	867	0	881	0	0	0	0	1,676	86	1,762	0.92	4:30-5:30
4:45-5:45	0	796	22	818	68	0	27	95	13	922	0	935	0	0	0	0	1,753	95	1,848	0.92	4:45-5:45
5:00-6:00	0	792	21	813	73	0	35	108	20	923	0	943	0	0	0	0	1,756	108	1,864	0.93	5:00-6:00
PM Peak 5:00-6:00	**0**	**792**	**21**	**813**	**73**	**0**	**35**	**108**	**20**	**923**	**0**	**943**	**0**	**0**	**0**	**0**	**1,756**	**108**	**1,864**	**0.93**	**PM Peak 5:00-6:00**

Wells & Associates, LLC

McLean, Virginia

Existing Traffic Count

PROJECT:	St.Patricks Episcopal Day School	DATE:	12/12/2001	SOUTHBOUND ROAD:	Foxhall Road	
W & A JOB NO.:	1722	DAY:	Wednsday	NORTHBOUND ROAD:	Foxhall Road	
INTERSECTION:	Foxhall Rd.& Whitehaven Pkwy.	WEATHER:	overcast	WESTBOUND ROAD:		
LOCATION:	Washington,DC	COUNTED BY:	Wolfie	EASTBOUND ROAD:	Whitehaven Pkwy.	
		INPUTED BY:	agan			

Time Period	Turning Movements: Southbound Foxhall Road 1 Right	2 Thru	3 Left	Total	Westbound 0 4 Right	5 Thru	6 Left	Total	Northbound Foxhall Road 7 Right	8 Thru	9 Left	Total	Eastbound Whitehaven Pkwy. 10 Right	11 Thru	12 Left	Total	North & South	East & West	Total	PHF	Time Period
AM																					
6:00-6:15	3	27	0	30	0	0	0	0	0	71	2	73	0	0	0	0	103	0	103		6:00-6:15
6:15-6:30	2	32	0	34	0	0	0	0	0	92	2	94	2	0	2	4	128	4	132		6:15-6:30
6:30-6:45	4	46	0	50	0	0	0	0	0	113	2	115	0	0	0	0	165	0	165		6:30-6:45
6:45-7:00	3	62	0	65	0	0	0	0	0	152	3	155	0	0	4	4	220	4	224		6:45-7:00
7:00-7:15	13	112	0	125	0	0	0	0	0	131	6	137	1	0	3	4	262	4	266		7:00-7:15
7:15-7:30	16	114	0	130	0	0	0	0	0	149	5	154	3	0	2	5	284	5	289		7:15-7:30
7:30-7:45	24	167	0	191	0	0	0	0	0	141	12	153	10	0	10	20	344	20	364		7:30-7:45
7:45-8:00	74	193	0	267	0	0	0	0	0	184	12	196	26	0	8	34	463	34	497		7:45-8:00
8:00-8:15	78	166	0	244	0	0	0	0	0	182	25	207	37	0	14	51	451	51	502		8:00-8:15
8:15-8:30	26	181	0	207	0	0	0	0	0	159	13	172	56	0	22	78	379	78	457		8:15-8:30
8:30-8:45	7	163	0	170	0	0	0	0	0	166	4	170	39	0	13	52	340	52	392		8:30-8:45
8:45-9:00	30	140	0	170	0	0	0	0	0	175	7	182	26	0	16	42	352	42	394		8:45-9:00
3 Hour Totals	280	1,403	0	1,683	0	0	0	0	0	1,715	93	1,808	200	0	94	294	3,491	294	3,785		
1 Hour Totals																					
6:00-7:00	12	167	0	179	0	0	0	0	0	428	9	437	2	0	6	8	616	8	624	0.70	6:00-7:00
6:15-7:15	22	252	0	274	0	0	0	0	0	488	13	501	3	0	9	12	775	12	787	0.74	6:15-7:15
6:30-7:30	36	334	0	370	0	0	0	0	0	545	16	561	4	0	9	13	931	13	944	0.82	6:30-7:30
6:45-7:45	56	455	0	511	0	0	0	0	0	573	26	599	14	0	19	33	1,110	33	1,143	0.79	6:45-7:45
7:00-8:00	127	586	0	713	0	0	0	0	0	605	35	640	40	0	23	63	1,353	63	1,416	0.71	7:00-8:00
7:15-8:15	192	640	0	832	0	0	0	0	0	656	54	710	76	0	34	110	1,542	110	1,652	0.82	7:15-8:15
7:30-8:30	202	707	0	909	0	0	0	0	0	666	62	728	129	0	54	183	1,637	183	1,820	0.91	7:30-8:30
7:45-8:45	185	703	0	888	0	0	0	0	0	691	54	745	158	0	57	215	1,633	215	1,848	0.92	7:45-8:45
8:00-9:00	141	650	0	791	0	0	0	0	0	682	49	731	158	0	65	223	1,522	223	1,745	0.87	8:00-9:00
AM Peak 7:45-8:45	185	703	0	888	0	0	0	0	0	691	54	745	158	0	57	215	1,633	215	1,848	0.92	**AM Peak 7:45-8:45**
PM																					
2:00-2:15	5	138	0	143	0	0	0	0	0	118	1	119	2	0	9	11	262	11	273		2:00-2:15
2:15-2:30	8	123	0	131	0	0	0	0	0	172	5	177	0	0	5	5	308	5	313		2:15-2:30
2:30-2:45	18	140	0	158	0	0	0	0	0	174	10	184	5	0	8	13	342	13	355		2:30-2:45
2:45-3:00	46	113	0	159	0	0	0	0	0	139	15	154	8	0	11	19	313	19	332		2:45-3:00
3:00-3:15	52	161	0	213	0	0	0	0	0	154	17	171	6	0	10	16	384	16	400		3:00-3:15
3:15-3:30	14	134	0	148	0	0	0	0	0	111	5	116	7	0	14	21	264	21	285		3:15-3:30
3:30-3:45	6	153	0	159	0	0	0	0	0	156	4	160	7	0	16	23	319	23	342		3:30-3:45
3:45-4:00	11	136	0	147	0	0	0	0	0	141	8	149	4	0	12	16	296	16	312		3:45-4:00
4:00-4:15	11	148	0	159	0	0	0	0	0	138	9	147	2	0	11	13	306	13	319		4:00-4:15
4:15-4:30	11	151	0	162	0	0	0	0	0	130	5	135	3	0	12	15	297	15	312		4:15-4:30
4:30-4:45	5	155	0	160	0	0	0	0	0	141	7	148	5	0	9	14	308	14	322		4:30-4:45
4:45-5:00	9	158	0	167	0	0	0	0	0	138	13	151	1	0	7	8	318	8	326		4:45-5:00
5:00-5:15	14	148	0	162	0	0	0	0	0	157	6	163	3	0	6	9	325	9	334		5:00-5:15
5:15-5:30	18	161	0	179	0	0	0	0	0	199	10	209	4	0	10	14	388	14	402		5:15-5:30
5:30-5:45	18	150	0	168	0	0	0	0	0	165	9	174	5	0	11	16	342	16	358		5:30-5:45
5:45-6:00	12	149	0	161	0	0	0	0	0	189	12	201	3	0	7	10	362	10	372		5:45-6:00
4 Hour Totals	98	1,220	0	1,318	0	0	0	0	0	1,257	71	1,328	26	0	73	99	2,646	99	2,745		
1 Hour Totals																					
2:00-3:00	77	514	0	591	0	0	0	0	0	603	31	634	15	0	33	48	1,225	48	1,273	0.90	2:00-3:00
2:15-3:15	124	537	0	661	0	0	0	0	0	639	47	686	19	0	34	53	1,347	53	1,400	0.88	2:15-3:15
2:30-3:30	130	548	0	678	0	0	0	0	0	578	47	625	26	0	43	69	1,303	69	1,372	0.86	2:30-3:30
2:45-3:45	118	561	0	679	0	0	0	0	0	560	41	601	28	0	51	79	1,280	79	1,359	0.85	2:45-3:45
3:00-4:00	83	584	0	667	0	0	0	0	0	562	34	596	24	0	52	76	1,263	76	1,339	0.84	3:00-4:00
3:15-4:15	42	571	0	613	0	0	0	0	0	546	26	572	20	0	53	73	1,185	73	1,258	0.92	3:15-4:15
3:30-4:30	39	588	0	627	0	0	0	0	0	565	26	591	16	0	51	67	1,218	67	1,285	0.94	3:30-4:30
3:45-4:45	38	590	0	628	0	0	0	0	0	550	29	579	14	0	44	58	1,207	58	1,265	0.98	3:45-4:45
4:00-5:00	36	612	0	648	0	0	0	0	0	547	34	581	11	0	39	50	1,229	50	1,279	0.98	4:00-5:00
4:15-5:15	39	612	0	651	0	0	0	0	0	566	31	597	12	0	34	46	1,248	46	1,294	0.97	4:15-5:15
4:30-5:30	46	622	0	668	0	0	0	0	0	635	36	671	13	0	32	45	1,339	45	1,384	0.86	4:30-5:30
4:45-5:45	59	617	0	676	0	0	0	0	0	659	38	697	13	0	34	47	1,373	47	1,420	0.88	4:45-5:45
5:00-6:00	62	608	0	670	0	0	0	0	0	710	37	747	15	0	34	49	1,417	49	1,466	0.91	5:00-6:00
PM Peak 5:00-6:00	62	608	0	670	0	0	0	0	0	710	37	747	15	0	34	49	1,417	49	1,466	0.91	**PM Peak 5:00-6:00**

Wells & Associates, LLC

McLean, Virginia

Existing Traffic Count

PROJECT:	St.Patricks Episcopal Day School	DATE:	12/12/2001	SOUTHBOUND ROAD:			
W & A JOB NO.:	1722	DAY:	Wednsday	NORTHBOUND ROAD:	East Loop		
INTERSECTION:	Whitehaven Pkwy.& East Loop	WEATHER:	overcast	WESTBOUND ROAD:	Whitehaven Pkwy.		
LOCATION:	Washington,DC	COUNTED BY:	Victor N.	EASTBOUND ROAD:	Whitehaven Pkwy.		
		INPUTED BY:	agan				

Time Period	Turning Movements: Southbound 0				Westbound Whitehaven Pkwy.				Northbound East Loop				Eastbound Whitehaven Pkwy.				North & South	East & West	Total	PHF	Time Period
	1 Right	2 Thru	3 Left	Total	4 Right	5 Thru	6 Left	Total	7 Right	8 Thru	9 Left	Total	10 Right	11 Thru	12 Left	Total					
AM																					
6:00-6:15	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	0	4	4		6:00-6:15
6:15-6:30	0	0	0	0	0	3	1	4	0	0	0	0	0	3	0	3	0	7	7		6:15-6:30
6:30-6:45	0	0	0	0	0	2	0	2	0	0	0	0	0	3	0	3	0	5	5		6:30-6:45
6:45-7:00	0	0	0	0	0	5	0	5	0	0	0	0	1	9	0	10	0	15	15		6:45-7:00
7:00-7:15	0	0	0	0	0	12	0	12	0	0	0	0	1	6	0	7	0	19	19		7:00-7:15
7:15-7:30	0	0	0	0	0	9	4	13	0	0	0	0	0	9	0	9	0	22	22		7:15-7:30
7:30-7:45	0	0	0	0	0	13	21	34	0	0	0	0	0	21	0	21	0	55	55		7:30-7:45
7:45-8:00	0	0	0	0	0	7	54	61	0	0	0	0	0	29	0	29	0	90	90		7:45-8:00
8:00-8:15	0	0	0	0	0	3	115	118	0	0	0	0	0	85	0	85	0	203	203		8:00-8:15
8:15-8:30	0	0	0	0	0	11	32	43	0	0	0	0	0	52	0	52	0	95	95		8:15-8:30
8:30-8:45	0	0	0	0	0	10	4	14	0	0	0	0	0	44	0	44	0	58	58		8:30-8:45
8:45-9:00	0	0	0	0	0	11	25	36	0	0	0	0	3	39	0	42	0	78	78		8:45-9:00
3 Hour Totals	0	0	0	0	0	88	256	344	0	0	0	0	5	302	0	307	0	651	651		
1 Hour Totals																					
6:00-7:00	0	0	0	0	0	12	1	13	0	0	0	0	1	17	0	18	0	31	31	0.52	6:00-7:00
6:15-7:15	0	0	0	0	0	22	1	23	0	0	0	0	2	21	0	23	0	46	46	0.61	6:15-7:15
6:30-7:30	0	0	0	0	0	28	4	32	0	0	0	0	2	27	0	29	0	61	61	0.69	6:30-7:30
6:45-7:45	0	0	0	0	0	39	25	64	0	0	0	0	2	45	0	47	0	111	111	0.50	6:45-7:45
7:00-8:00	0	0	0	0	0	41	79	120	0	0	0	0	1	65	0	66	0	186	186	0.52	7:00-8:00
7:15-8:15	0	0	0	0	0	32	194	226	0	0	0	0	0	144	0	144	0	370	370	0.46	7:15-8:15
7:30-8:30	0	0	0	0	0	34	222	256	0	0	0	0	0	187	0	187	0	443	443	0.55	7:30-8:30
7:45-8:45	0	0	0	0	0	31	205	236	0	0	0	0	0	210	0	210	0	446	446	0.55	7:45-8:45
8:00-9:00	0	0	0	0	0	35	176	211	0	0	0	0	3	220	0	223	0	434	434	0.53	8:00-9:00
AM Peak 7:45-8:45	0	0	0	0	0	31	205	236	0	0	0	0	0	210	0	210	0	446	446	0.55	**AM Peak 7:45-8:45**
PM																					
2:00-2:15	0	0	0	0	0	6	0	6	0	0	0	0	0	9	0	9	0	15	15		2:00-2:15
2:15-2:30	0	0	0	0	0	8	0	8	0	0	0	0	0	7	0	7	0	15	15		2:15-2:30
2:30-2:45	0	0	0	0	0	12	18	30	0	0	0	0	0	19	0	19	0	49	49		2:30-2:45
2:45-3:00	0	0	0	0	0	13	40	53	0	0	0	0	0	14	0	14	0	67	67		2:45-3:00
3:00-3:15	0	0	0	0	0	16	60	76	0	0	0	0	0	15	0	15	0	91	91		3:00-3:15
3:15-3:30	0	0	0	0	0	14	17	31	0	0	0	0	1	16	0	17	0	48	48		3:15-3:30
3:30-3:45	0	0	0	0	0	8	1	9	0	0	0	0	2	15	0	17	0	26	26		3:30-3:45
3:45-4:00	0	0	0	0	0	18	4	22	0	0	0	0	1	12	0	13	0	35	35		3:45-4:00
4:00-4:15	0	0	0	0	0	23	6	29	0	0	0	0	1	7	0	8	0	37	37		4:00-4:15
4:15-4:30	0	0	0	0	0	17	3	20	0	0	0	0	1	11	0	12	0	32	32		4:15-4:30
4:30-4:45	0	0	0	0	0	9	2	11	0	0	0	0	0	7	0	7	0	18	18		4:30-4:45
4:45-5:00	0	0	0	0	0	23	0	23	0	0	0	0	0	8	0	8	0	31	31		4:45-5:00
5:00-5:15	0	0	0	0	0	23	2	25	0	0	0	0	1	12	0	13	0	38	38		5:00-5:15
5:15-5:30	0	0	0	0	0	26	1	27	0	0	0	0	2	13	0	15	0	42	42		5:15-5:30
5:30-5:45	0	0	0	0	0	23	1	24	0	0	0	0	0	16	0	16	0	40	40		5:30-5:45
5:45-6:00	0	0	0	0	0	22	3	25	0	0	0	0	1	10	0	11	0	36	36		5:45-6:00
4 Hour Totals	0	0	0	0	0	166	18	184	0	0	0	0	6	84	0	90	0	274	274		
1 Hour Totals																					
2:00-3:00	0	0	0	0	0	39	58	97	0	0	0	0	0	49	0	49	0	146	146	0.54	2:00-3:00
2:15-3:15	0	0	0	0	0	49	118	167	0	0	0	0	0	55	0	55	0	222	222	0.61	2:15-3:15
2:30-3:30	0	0	0	0	0	55	135	190	0	0	0	0	1	64	0	65	0	255	255	0.70	2:30-3:30
2:45-3:45	0	0	0	0	0	51	118	169	0	0	0	0	3	60	0	63	0	232	232	0.64	2:45-3:45
3:00-4:00	0	0	0	0	0	56	82	138	0	0	0	0	4	58	0	62	0	200	200	0.55	3:00-4:00
3:15-4:15	0	0	0	0	0	63	28	91	0	0	0	0	5	50	0	55	0	146	146	0.76	3:15-4:15
3:30-4:30	0	0	0	0	0	66	14	80	0	0	0	0	5	45	0	50	0	130	130	0.88	3:30-4:30
3:45-4:45	0	0	0	0	0	67	15	82	0	0	0	0	3	37	0	40	0	122	122	0.82	3:45-4:45
4:00-5:00	0	0	0	0	0	72	11	83	0	0	0	0	2	33	0	35	0	118	118	0.80	4:00-5:00
4:15-5:15	0	0	0	0	0	72	7	79	0	0	0	0	2	38	0	40	0	119	119	0.78	4:15-5:15
4:30-5:30	0	0	0	0	0	81	5	86	0	0	0	0	3	40	0	43	0	129	129	0.77	4:30-5:30
4:45-5:45	0	0	0	0	0	95	4	99	0	0	0	0	3	49	0	52	0	151	151	0.90	4:45-5:45
5:00-6:00	0	0	0	0	0	94	7	101	0	0	0	0	4	51	0	55	0	156	156	0.93	5:00-6:00
PM Peak 5:00-6:00	0	0	0	0	0	94	7	101	0	0	0	0	4	51	0	55	0	156	156	0.93	**PM Peak 5:00-6:00**

Wells & Associates, LLC

McLean, Virginia

Existing Traffic Count

PROJECT:	St.Patricks Episcopal Day School	DATE:	12/12/2001	SOUTHBOUND ROAD:		
W & A JOB NO..	1722	DAY:	Wednsday	NORTHBOUND ROAD:	Center Driveway	
INTERSECTION:	Whitehaven Pkwy.& Center Driveway	WEATHER:		WESTBOUND ROAD:	Whitehaven Pkwy.	
LOCATION:	Washington,DC	COUNTED BY:	JJA	EASTBOUND ROAD:	Whitehaven Pkwy.	
		INPUTED BY:	JJA			

Time Period	Turning Movements																		Total	PHF	Time Period
	Southbound 0				Westbound Whitehaven Pkwy.				Northbound Center Driveway				Eastbound Whitehaven Pkwy.				North & South	East & West			
	1 Right	2 Thru	3 Left	Total	4 Right	5 Thru	6 Left	Total	7 Right	8 Thru	9 Left	Total	10 Right	11 Thru	12 Left	Total					
AM																					
6:00-6:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:00-6:15
6:15-6:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:15-6:30
6:30-6:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:30-6:45
6:45-7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:45-7:00
7:00-7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:00-7:15
7:15-7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:15-7:30
7:30-7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:30-7:45
7:45-8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:45-8:00
8:00-8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8:00-8:15
8:15-8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8:15-8:30
8:30-8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8:30-8:45
8:45-9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		8:45-9:00
3 Hour Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1 Hour Totals																					
6:00-7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:00-7:00
6:15-7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:15-7:15
6:30-7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:30-7:30
6:45-7:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:45-7:45
7:00-8:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	7:00-8:00
7:15-8:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	7:15-8:15
7:30-8:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	7:30-8:30
7:45-8:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	7:45-8:45
8:00-9:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	8:00-9:00
AM Peak 6:00-7:00	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0.00**	**AM Peak 6:00-7:00**
PM																					
2:00-2:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		2:00-2:15
2:15-2:30	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1		2:15-2:30
2:30-2:45	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1		2:30-2:45
2:45-3:00	0	0	0	0	0	0	0	0	2	0	10	12	0	0	0	0	12	0	12		2:45-3:00
3:00-3:15	0	0	0	0	0	0	0	0	1	0	32	33	0	0	0	0	33	0	33		3:00-3:15
3:15-3:30	0	0	0	0	0	0	0	0	2	0	8	10	0	0	0	0	10	0	10		3:15-3:30
3:30-3:45	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	2	0	2		3:30-3:45
3:45-4:00	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	1		3:45-4:00
4:00-4:15	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	2	0	2		4:00-4:15
4:15-4:30	0	0	0	0	0	0	0	0	1	0	2	3	0	0	0	0	3	0	3		4:15-4:30
4:30-4:45	0	0	0	0	0	0	0	0	1	0	2	3	0	0	0	0	3	0	3		4:30-4:45
4:45-5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4:45-5:00
5:00-5:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:00-5:15
5:15-5:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:15-5:30
5:30-5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:30-5:45
5:45-6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:45-6:00
4 Hour Totals	0	0	0	0	0	0	0	0	3	0	5	8	0	0	0	0	8	0	8		
1 Hour Totals																					
2:00-3:00	0	0	0	0	0	0	0	0	2	0	12	14	0	0	0	0	14	0	14	0.29	2:00-3:00
2:15-3:15	0	0	0	0	0	0	0	0	3	0	44	47	0	0	0	0	47	0	47	0.36	2:15-3:15
2:30-3:30	0	0	0	0	0	0	0	0	5	0	51	56	0	0	0	0	56	0	56	0.42	2:30-3:30
2:45-3:45	0	0	0	0	0	0	0	0	6	0	51	57	0	0	0	0	57	0	57	0.43	2:45-3:45
3:00-4:00	0	0	0	0	0	0	0	0	4	0	42	46	0	0	0	0	46	0	46	0.35	3:00-4:00
3:15-4:15	0	0	0	0	0	0	0	0	4	0	11	15	0	0	0	0	15	0	15	0.38	3:15-4:15
3:30-4:30	0	0	0	0	0	0	0	0	3	0	5	8	0	0	0	0	8	0	8	0.67	3:30-4:30
3:45-4:45	0	0	0	0	0	0	0	0	3	0	6	9	0	0	0	0	9	0	9	0.75	3:45-4:45
4:00-5:00	0	0	0	0	0	0	0	0	3	0	5	8	0	0	0	0	8	0	8	0.67	4:00-5:00
4:15-5:15	0	0	0	0	0	0	0	0	2	0	4	6	0	0	0	0	6	0	6	0.50	4:15-5:15
4:30-5:30	0	0	0	0	0	0	0	0	1	0	2	3	0	0	0	0	3	0	3	0.25	4:30-5:30
4:45-5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	4:45-5:45
5:00-6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	5:00-6:00
2:30-3:30	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**5**	**0**	**51**	**56**	**0**	**0**	**0**	**0**	**56**	**0**	**56**	**0.42**	**2:30-3:30**

Wells & Associates, LLC

McLean, Virginia

Existing Traffic Count

PROJECT:	St.Patricks Episcopal Day School	DATE:	12/12/2001	SOUTHBOUND ROAD:		
W & A JOB NO.:	1722	DAY:	Wednsday	NORTHBOUND ROAD:	West Loop	
INTERSECTION:	Whitehaven Pkwy.& West Loop	WEATHER:	overcast	WESTBOUND ROAD:	Whitehaven Pkwy.	
LOCATION:	Washington,DC	COUNTED BY:	Sherrie Coles	EASTBOUND ROAD:	Whitehaven Pkwy.	
		INPUTED BY:	agan			

Time Period	Turning Movements: Southbound 0				Westbound Whitehaven Pkwy.				Northbound West Loop				Eastbound Whitehaven Pkwy.				North & South	East & West	Total	PHF	Time Period
	1 Right	2 Thru	3 Left	Total	4 Right	5 Thru	6 Left	Total	7 Right	8 Thru	9 Left	Total	10 Right	11 Thru	12 Left	Total					
AM																					
6:00-6:15	0	0	0	0	0	2	0	2	0	0	0	0	0	1	0	1	0	3	3		6:00-6:15
6:15-6:30	0	0	0	0	0	4	1	5	0	0	0	0	0	5	0	5	0	10	10		6:15-6:30
6:30-6:45	0	0	0	0	0	2	0	2	0	0	0	0	1	2	0	3	0	5	5		6:30-6:45
6:45-7:00	0	0	0	0	0	6	0	6	0	0	1	1	1	11	0	12	1	18	19		6:45-7:00
7:00-7:15	0	0	0	0	0	7	0	7	0	0	0	0	1	4	0	5	0	12	12		7:00-7:15
7:15-7:30	0	0	0	0	0	10	0	10	4	0	0	4	0	9	0	9	4	19	23		7:15-7:30
7:30-7:45	0	0	0	0	0	12	0	12	9	0	6	15	0	19	0	19	15	31	46		7:30-7:45
7:45-8:00	0	0	0	0	0	6	0	6	24	0	25	49	0	22	0	22	49	28	77		7:45-8:00
8:00-8:15	0	0	0	0	0	4	0	4	43	0	53	96	0	20	0	20	96	24	120		8:00-8:15
8:15-8:30	0	0	0	0	0	8	0	8	31	0	27	58	0	33	0	33	58	41	99		8:15-8:30
8:30-8:45	0	0	0	0	0	9	0	9	0	0	1	1	0	47	0	47	1	56	57		8:30-8:45
8:45-9:00	0	0	0	0	0	24	0	24	0	0	0	0	0	42	0	42	0	66	66		8:45-9:00
3 Hour Totals	0	0	0	0	0	94	1	95	111	0	113	224	3	215	0	218	224	313	537		
1 Hour Totals																					
6:00-7:00	0	0	0	0	0	14	1	15	0	0	1	1	2	19	0	21	1	36	37	0.49	6:00-7:00
6:15-7:15	0	0	0	0	0	19	1	20	0	0	1	1	3	22	0	25	1	45	46	0.61	6:15-7:15
6:30-7:30	0	0	0	0	0	25	0	25	4	0	1	5	3	26	0	29	5	54	59	0.64	6:30-7:30
6:45-7:45	0	0	0	0	0	35	0	35	13	0	7	20	2	43	0	45	20	80	100	0.54	6:45-7:45
7:00-8:00	0	0	0	0	0	35	0	35	37	0	31	68	1	54	0	55	68	90	158	0.51	7:00-8:00
7:15-8:15	0	0	0	0	0	32	0	32	80	0	84	164	0	70	0	70	164	102	266	0.55	7:15-8:15
7:30-8:30	0	0	0	0	0	30	0	30	107	0	111	218	0	94	0	94	218	124	342	0.71	7:30-8:30
7:45-8:45	0	0	0	0	0	27	0	27	98	0	106	204	0	122	0	122	204	149	353	0.74	7:45-8:45
8:00-9:00	0	0	0	0	0	45	0	45	74	0	81	155	0	142	0	142	155	187	342	0.71	8:00-9:00
AM Peak 7:45-8:45	0	0	0	0	0	27	0	27	98	0	106	204	0	122	0	122	204	149	353	0.74	**AM Peak 7:45-8:45**
PM																					
2:00-2:15	0	0	0	0	0	4	0	4	0	0	0	0	0	12	0	12	0	16	16		2:00-2:15
2:15-2:30	0	0	0	0	0	11	0	11	0	0	0	0	0	6	0	6	0	17	17		2:15-2:30
2:30-2:45	0	0	0	0	0	29	0	29	1	0	17	18	0	7	0	7	18	36	54		2:30-2:45
2:45-3:00	0	0	0	0	0	39	0	39	2	0	25	27	0	10	0	10	27	49	76		2:45-3:00
3:00-3:15	0	0	0	0	0	18	0	18	3	0	24	27	0	12	0	12	27	30	57		3:00-3:15
3:15-3:30	0	0	0	0	0	11	0	11	7	0	0	7	0	18	0	18	7	29	36		3:15-3:30
3:30-3:45	0	0	0	0	0	13	0	13	6	0	0	6	1	16	0	17	6	30	36		3:30-3:45
3:45-4:00	0	0	0	0	0	18	0	18	1	0	0	1	0	15	0	15	1	33	34		3:45-4:00
4:00-4:15	0	0	0	0	0	16	0	16	2	0	3	5	1	11	0	12	5	28	33		4:00-4:15
4:15-4:30	0	0	0	0	0	23	0	23	1	0	1	2	0	13	0	13	2	36	38		4:15-4:30
4:30-4:45	0	0	0	0	0	17	0	17	0	0	2	2	1	7	0	8	2	25	27		4:30-4:45
4:45-5:00	0	0	0	0	0	15	0	15	0	0	0	0	0	7	0	7	0	22	22		4:45-5:00
5:00-5:15	0	0	0	0	0	27	0	27	2	0	3	5	0	12	0	12	5	39	44		5:00-5:15
5:15-5:30	0	0	0	0	0	29	0	29	1	0	3	4	0	10	0	10	4	39	43		5:15-5:30
5:30-5:45	0	0	0	0	0	22	0	22	1	0	0	1	0	13	0	13	1	35	36		5:30-5:45
5:45-6:00	0	0	0	0	0	26	0	26	0	0	0	0	0	16	0	16	0	42	42		5:45-6:00
4 Hour Totals	0	0	0	0	0	175	0	175	7	0	12	19	2	89	0	91	19	266	285		
1 Hour Totals																					
2:00-3:00	0	0	0	0	0	83	0	83	3	0	42	45	0	35	0	35	45	118	163	0.54	2:00-3:00
2:15-3:15	0	0	0	0	0	97	0	97	6	0	66	72	0	35	0	35	72	132	204	0.67	2:15-3:15
2:30-3:30	0	0	0	0	0	97	0	97	13	0	66	79	0	47	0	47	79	144	223	0.73	2:30-3:30
2:45-3:45	0	0	0	0	0	81	0	81	18	0	49	67	1	56	0	57	67	138	205	0.67	2:45-3:45
3:00-4:00	0	0	0	0	0	60	0	60	17	0	24	41	1	61	0	62	41	122	163	0.71	3:00-4:00
3:15-4:15	0	0	0	0	0	58	0	58	16	0	3	19	2	60	0	62	19	120	139	0.97	3:15-4:15
3:30-4:30	0	0	0	0	0	70	0	70	10	0	4	14	2	55	0	57	14	127	141	0.93	3:30-4:30
3:45-4:45	0	0	0	0	0	74	0	74	4	0	6	10	2	46	0	48	10	122	132	0.87	3:45-4:45
4:00-5:00	0	0	0	0	0	71	0	71	3	0	6	9	2	38	0	40	9	111	120	0.79	4:00-5:00
4:15-5:15	0	0	0	0	0	82	0	82	3	0	6	9	1	39	0	40	9	122	131	0.74	4:15-5:15
4:30-5:30	0	0	0	0	0	88	0	88	3	0	8	11	1	36	0	37	11	125	136	0.77	4:30-5:30
4:45-5:45	0	0	0	0	0	93	0	93	4	0	6	10	0	42	0	42	10	135	145	0.82	4:45-5:45
5:00-6:00	0	0	0	0	0	104	0	104	4	0	6	10	0	51	0	51	10	155	165	0.94	5:00-6:00
PM Peak 5:00-6:00	0	0	0	0	0	104	0	104	4	0	6	10	0	51	0	51	10	155	165	0.94	**PM Peak 5:00-6:00**

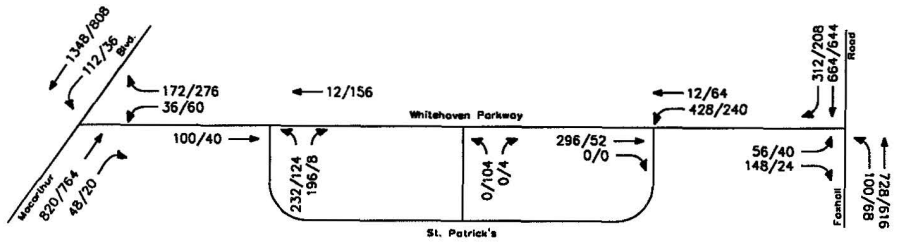
Wells & Associates, LLC

McLean, Virginia

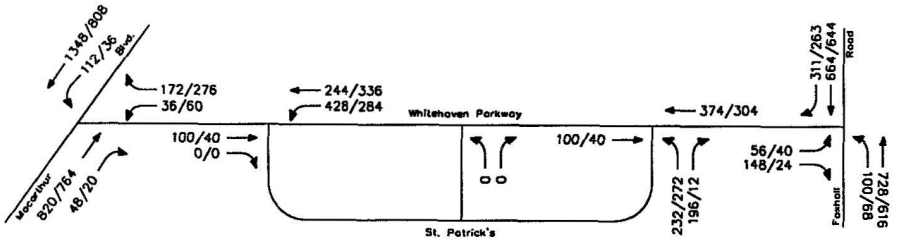
On-Street Pick-Up/Drop-Off

PROJECT:	St.Patricks Episcopal Day School	DATE:	5/9/2002	SOUTHBOUND ROAD:	Whitehaven Parkway	
W & A JOB NO.:	1722	DAY:	Thursday	NORTHBOUND ROAD:	Whitehaven Parkway	
LOCATION:	Whitehaven Parkway @ School Driveway	WEATHER:	nice	WESTBOUND ROAD:		
LOCATION:	Washington,DC	COUNTED BY:	JJA	EASTBOUND ROAD:		
		INPUTED BY:	JJA			

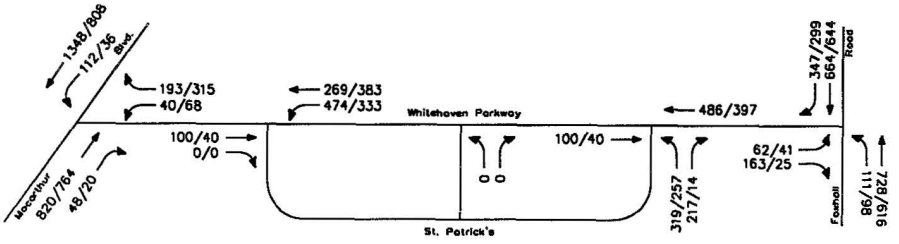
Time Period	Turning Movements																		Total	PHF	Time Period
	Southbound Whitehaven Parkway				Westbound 0				Northbound Whitehaven Parkway				Eastbound 0				North & South	East & West			
	1	2 Thru	3	Total	4	5	6	Total	7	8 Thru	9	Total	10	11	12	Total					
AM																					
6:00-6:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:00-6:15
6:15-6:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:15-6:30
6:30-6:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:30-6:45
6:45-7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		6:45-7:00
7:00-7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:00-7:15
7:15-7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		7:15-7:30
7:30-7:45	0	3	0	1	0	0	0	0	0	1	0	1	0	0	0	0	4	0	4		7:30-7:45
7:45-8:00	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3	0	3		7:45-8:00
8:00-8:15	0	3	0	3	0	0	0	0	0	1	0	1	0	0	0	0	4	0	4		8:00-8:15
8:15-8:30	0	2	0	3	0	0	0	0	0	1	0	1	0	0	0	0	3	0	3		8:15-8:30
8:30-8:45	0	2	0	2	0	0	0	0	0	3	0	3	0	0	0	0	5	0	5		8:30-8:45
8:45-9:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1		8:45-9:00
3 Hour Totals	0	13	0	12	0	0	0	0	0	7	0	7	0	0	0	0	20	0	20		
1 Hour Totals																					
6:00-7:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:00-7:00
6:15-7:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:15-7:15
6:30-7:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	6:30-7:30
6:45-7:45	0	3	0	1	0	0	0	0	0	1	0	1	0	0	0	0	4	0	4	0.25	6:45-7:45
7:00-8:00	0	5	0	3	0	0	0	0	0	2	0	2	0	0	0	0	7	0	7	0.44	7:00-8:00
7:15-8:15	0	8	0	6	0	0	0	0	0	3	0	3	0	0	0	0	11	0	11	0.69	7:15-8:15
7:30-8:30	0	10	0	9	0	0	0	0	0	4	0	4	0	0	0	0	14	0	14	0.88	7:30-8:30
7:45-8:45	0	9	0	10	0	0	0	0	0	6	0	6	0	0	0	0	15	0	15	0.75	7:45-8:45
8:00-9:00	0	8	0	9	0	0	0	0	0	5	0	5	0	0	0	0	13	0	13	0.65	8:00-9:00
AM Peak 7:45-8:45	0	9	0	10	0	0	0	0	0	6	0	6	0	0	0	0	15	0	15	0.75	**AM Peak 7:45-8:45**
PM																					
2:00-2:15	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	1		2:00-2:15
2:15-2:30	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	0	2		2:15-2:30
2:30-2:45	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	5	0	6		2:30-2:45
2:45-3:00	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5		2:45-3:00
3:00-3:15	0	15	0	15	0	0	0	0	0	3	0	3	0	0	0	0	18	0	18		3:00-3:15
3:15-3:30	0	10	0	10	0	0	0	0	0	1	0	1	0	0	0	0	11	0	11		3:15-3:30
3:30-3:45	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	0	2	0	2		3:30-3:45
3:45-4:00	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	5	0	5		3:45-4:00
4:00-4:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4:00-4:15
4:15-4:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4:15-4:30
4:30-4:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4:30-4:45
4:45-5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		4:45-5:00
5:00-5:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:00-5:15
5:15-5:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:15-5:30
5:30-5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:30-5:45
5:45-6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		5:45-6:00
4 Hour Totals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
1 Hour Totals																					
2:00-3:00	0	9	0	9	0	0	0	0	0	5	0	5	0	0	0	0	14	0	14	0.58	2:00-3:00
2:15-3:15	0	24	0	24	0	0	0	0	0	7	0	7	0	0	0	0	31	0	31	0.43	2:15-3:15
2:30-3:30	0	34	0	34	0	0	0	0	0	6	0	6	0	0	0	0	40	0	40	0.56	2:30-3:30
2:45-3:45	0	31	0	31	0	0	0	0	0	5	0	5	0	0	0	0	36	0	36	0.50	2:45-3:45
3:00-4:00	0	26	0	26	0	0	0	0	0	10	0	10	0	0	0	0	36	0	36	0.50	3:00-4:00
3:15-4:15	0	11	0	11	0	0	0	0	0	7	0	7	0	0	0	0	18	0	18	0.41	3:15-4:15
3:30-4:30	0	1	0	1	0	0	0	0	0	6	0	6	0	0	0	0	7	0	7	0.35	3:30-4:30
3:45-4:45	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	5	0	5	0.25	3:45-4:45
4:00-5:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	4:00-5:00
4:15-5:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	4:15-5:15
4:30-5:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	4:30-5:30
4:45-5:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	4:45-5:45
5:00-6:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	5:00-6:00
PM Peak 2:30-3:30	0	34	0	34	0	0	0	0	0	6	0	6	0	0	0	0	40	0	40	0.56	**PM Peak 2:30-3:30**



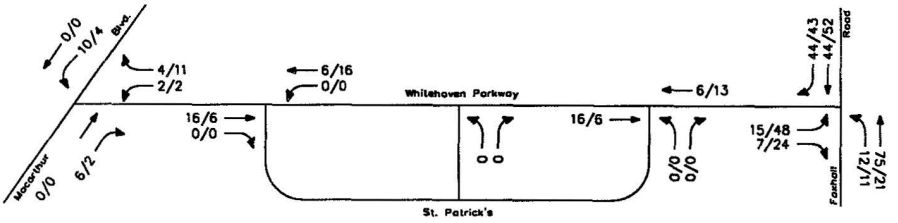
Existing Peak Hourly Flow Rate
(4 x Peak 15 minute Volumes)
(December, 2001)



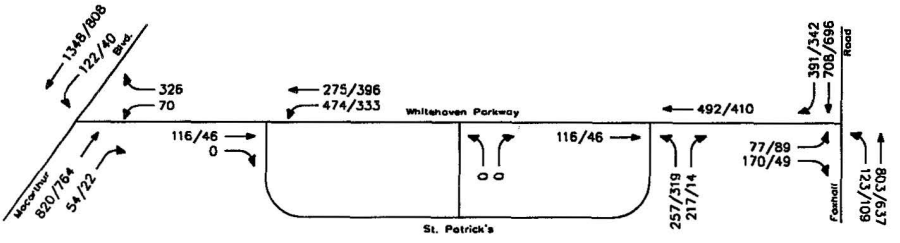
Existing Peak Hourly Flow Rate
Reversed Pick-Up/Drop-Off
(December, 2001)



Future Peak Hourly Flow Rate
Reversed Pick-Up/Drop-Off
With Grade 7 and 8 Added Trip Generation
(December, 2001)



Field School/GWU
Traffic Assignment



Total Future Peak
Hourly Flow Rate

Figure 1
Peak Hourly Flow Calculations

North
Schematic
(Not to Scale)

St. Patrick's Episcopal Day School
Washington, D.C.

WELLS & ASSOCIATES, LLC.
TRAFFIC, TRANSPORTATION, and PARKING CONSULTANTS

Post April 2, 2002 Analyses

Existing and Future Intersection Levels of Service, Delays [1], and Queues (2)(3)

Intersection/ Approach	Existing Conditions						Future Reversed Access Scenario						Difference Between Existing and Future			
	AM Peak Hour			School PM Peak Hour			AM Peak Hour			School PM Peak Hour						
	LOS	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)	LOS	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)	LOS	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)	LOS	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)	Delay (Seconds/ Vehicle)	95th Percentile Queue (Feet)
MacArthur Boulevard/Whitehaven Parkway																
Westbound Whitehaven	F	233.9	449	F	137.3	334	F	109.7	554	D	33.6	192	(124.2)	105	(103.7)	(228)
Northbound MacArthur	B	11.5	199	A	7.0	126	C	20.1	333	A	6.0	106	8.6	134	(1.0)	(32)
Southbound MacArthur	A	8.3	140	A	8.3	135	A	7.3	179	A	4.1	94	(1.0)	39	(4.2)	57
Overall	**C**	**23.3**		**C**	**20.9**		**C**	**19.8**		**A**	**9.9**		**(3.5)**		**(11.0)**	
Whitehaven Parkway/Driveway 1																
Eastbound Whitehaven	A	0.4	14	A	0.3	0	A	0.1	0	A	0.8	0	(0.3)	(14)	0.5	0
Westbound Whitehaven	A	-	0	A	1.1	0	F	69.0	190	D	28.4	242	69.0	190	27.3	242
Whitehaven Parkway/Driveway 4																
Eastbound Whitehaven	A	3.3	75	E	46.9	90	A	0.1	0	A	-	0	(3.2)	(75)	(46.9)	(90)
Westbound Whitehaven	F	219.2	578	F	265.1	592	E	39.8	222	A	2.1	56	(179.4)	(356)	(263.0)	(536)
Foxhall Road/Whitehaven Parkway																
Unsignalized																
Eastbound Whitehaven	C	19.5	112	C	15.3	29	F	54.3	150	E	40.3	117	34.8	38	25.0	88
Northbound Foxhall	A	7.8	106	A	1.7	44	A	3.2	86	A	1.8	50	(4.6)	(20)	0.1	6
Southbound Foxhall	A	8.1	113	A	7.4	108	A	5.6	16	A	4.7	0	(2.5)	(97)	(2.7)	(108)
Overall	**A**	**9.2**		**A**	**5.4**		**A**	**9.0**		**A**	**5.7**		**(0.2)**		**0.3**	
Signalized																
Eastbound Whitehaven	N/A	N/A	N/A	N/A	N/A	N/A	B	11.1	92	B	15.2	109	(8.4)	(20)	(0.1)	80
Northbound Foxhall	N/A	N/A	N/A	N/A	N/A	N/A	A	9.4	239	A	6.3	115	1.6	133	4.6	71
Southbound Foxhall	N/A	N/A	N/A	N/A	N/A	N/A	B	11.1	439	A	8.7	198	3.0	326	1.3	90
Overall	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**N/A**	**B**	**10.4**		**A**	**8.2**		**1.2**		**2.8**	

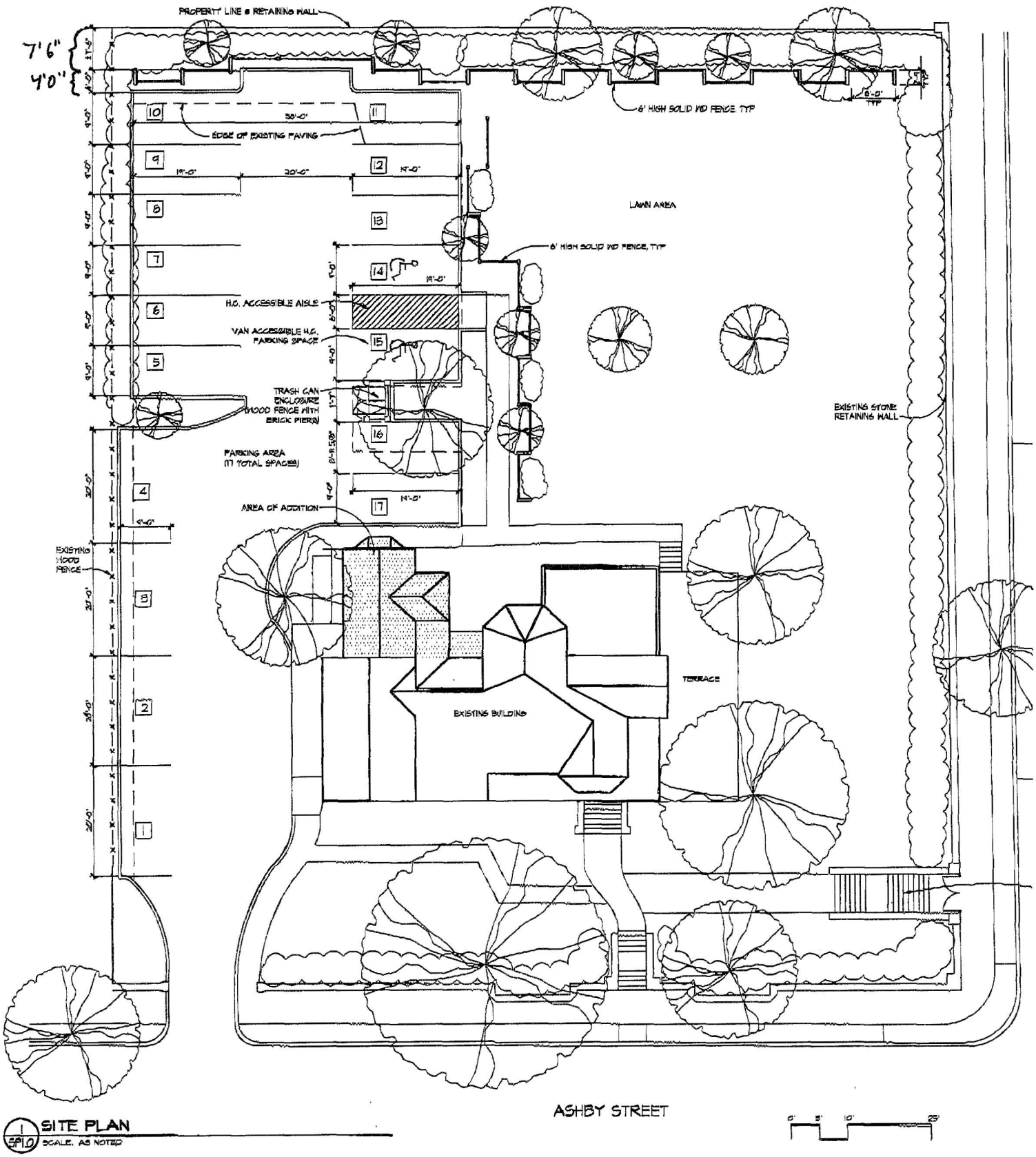
Note: (1) Percentile delay compiled from dynamic analysis using Synchro/Sim Traffic version 4.0 for Existing and Synchro 5.0 for Future.

(2) Existing and Future volumes were based on the peak 15-minute rates and the Future scenario includes additional Grades 7 and 8 traffic.

(3) Volumes for the George Washington University Driveway obtained from the Gorove/Slade Traffic Impact Study and volumes for the Field School obtained from MCV Traffic Study.

GTM ARCHITECTS
10415 Armory Ave.
KENSINGTON, MD 20895
301-942-9062

7.05.02



SP1.0 SITE PLAN
SCALE: AS NOTED