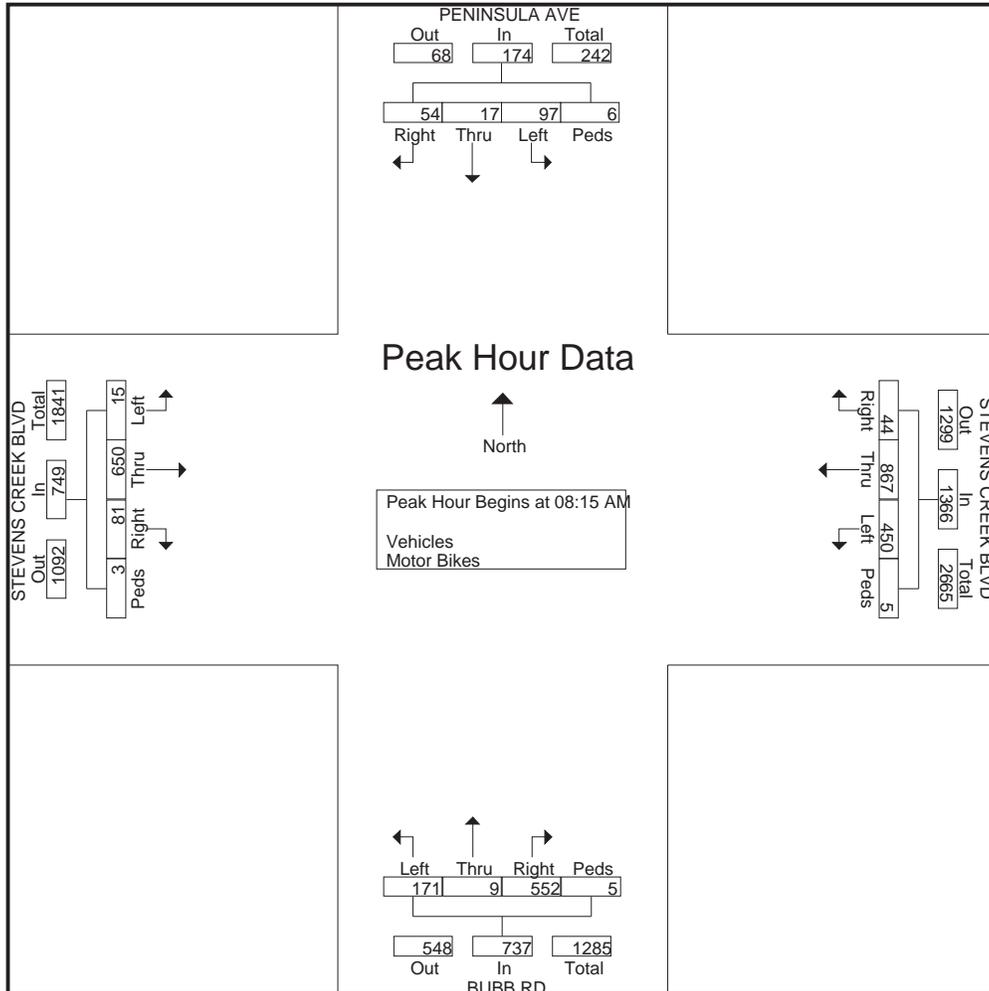


Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 1AM FINAL
 Site Code : 00000001
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 1MID FINAL
Site Code : 00000001
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

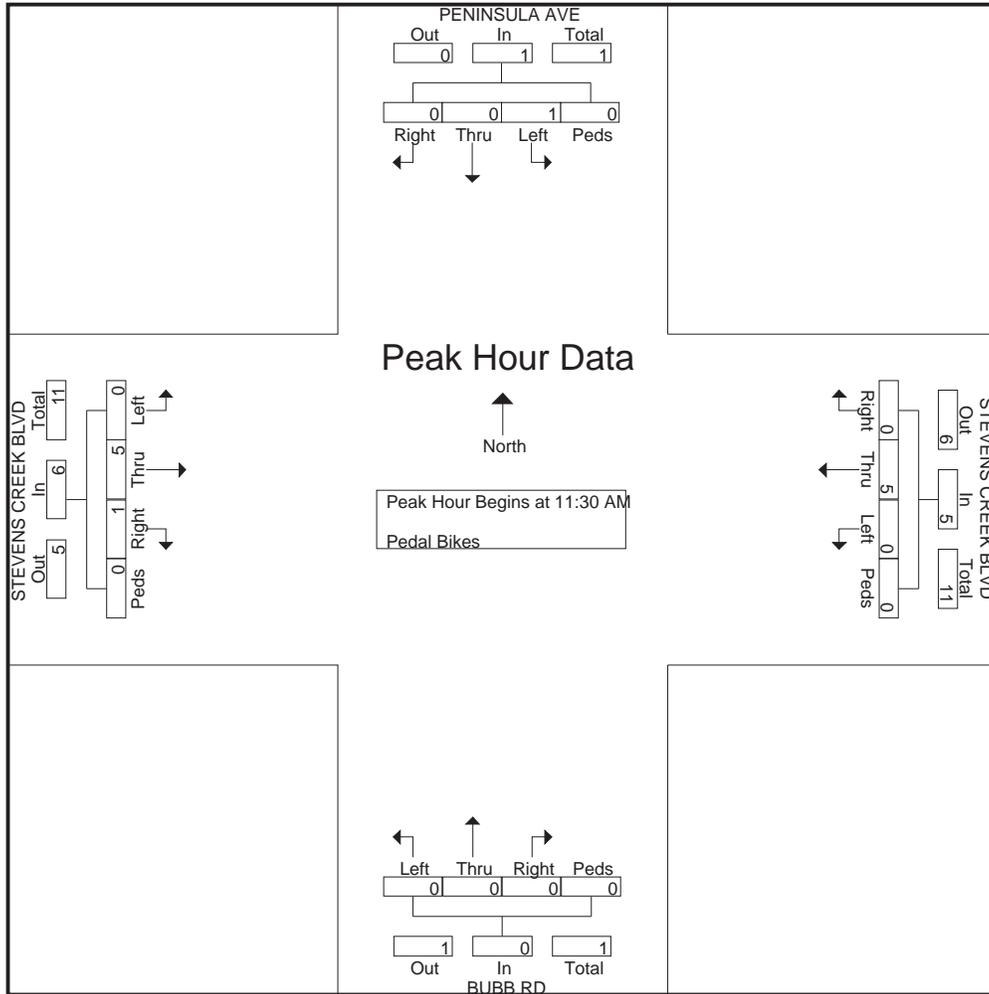
Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	1
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	5
12:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	2
12:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
12:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	1	4	0	0	5	8
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
01:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	4
Grand Total	0	0	1	0	1	0	5	1	0	6	1	0	0	0	1	1	10	0	0	11	19
Apprch %	0	0	100	0		0	83.3	16.7	0		100	0	0	0		9.1	90.9	0	0		
Total %	0	0	5.3	0	5.3	0	26.3	5.3	0	31.6	5.3	0	0	0	5.3	5.3	52.6	0	0	57.9	

Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:30 AM																					
11:30 AM	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	4
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
12:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	2
12:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	5
Total Volume	0	0	1	0	1	0	5	0	0	5	0	0	0	0	0	1	5	0	0	6	12
% App. Total	0	0	100	0		0	100	0	0		0	0	0	0		16.7	83.3	0	0		
PHF	.000	.000	.250	.000	.250	.000	.625	.000	.000	.625	.000	.000	.000	.000	.000	.250	.313	.000	.000	.375	.600

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 1MID FINAL
 Site Code : 00000001
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 1MID FINAL
Site Code : 00000001
Start Date : 10/9/2012
Page No : 1

Groups Printed- Vehicles - Motor Bikes

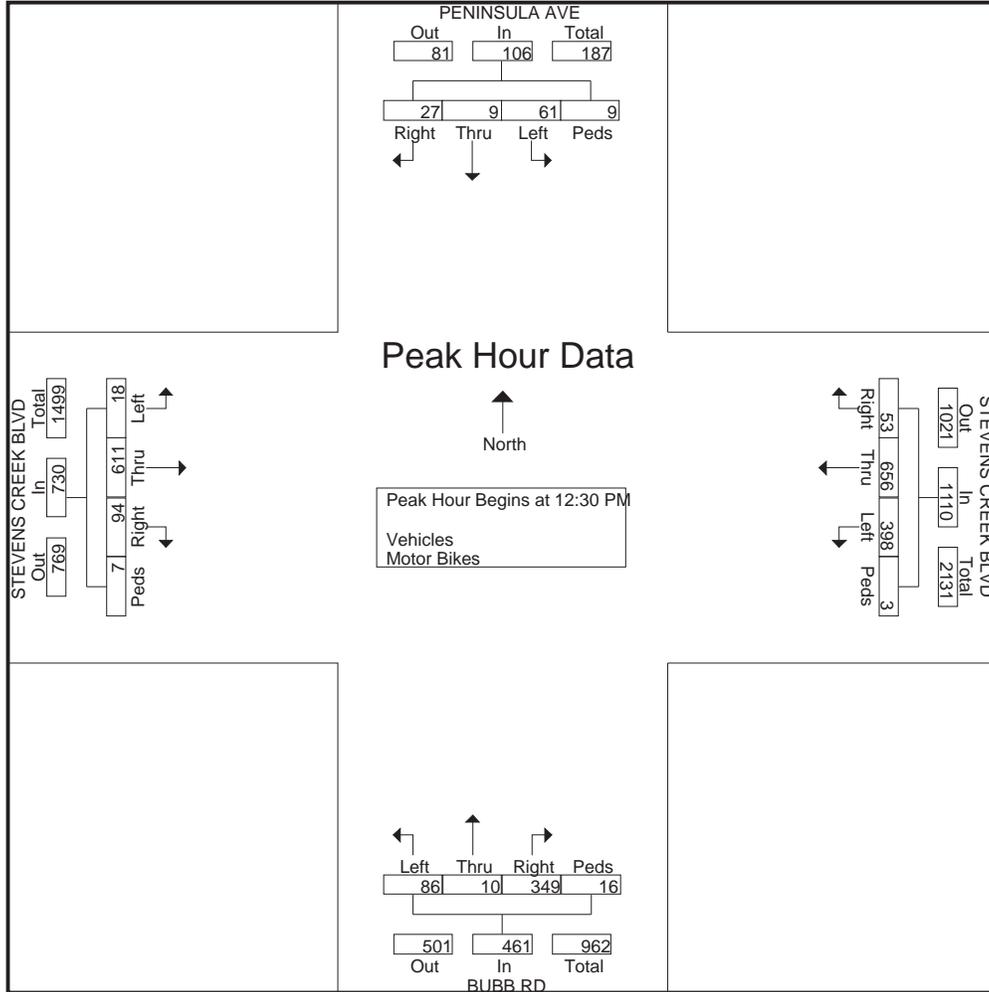
Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	5	1	9	5	20	6	133	45	0	184	97	1	18	3	119	12	153	2	0	167	490
11:45 AM	3	5	14	0	22	11	120	67	0	198	100	3	20	1	124	14	141	1	0	156	500
Total	8	6	23	5	42	17	253	112	0	382	197	4	38	4	243	26	294	3	0	323	990
12:00 PM	4	0	10	1	15	17	143	53	2	215	116	1	13	0	130	17	143	6	2	168	528
12:15 PM	6	1	16	4	27	17	152	63	1	233	93	2	14	1	110	14	121	3	1	139	509
12:30 PM	3	3	11	0	17	11	132	83	0	226	92	3	20	5	120	20	117	4	1	142	505
12:45 PM	5	3	19	0	27	17	184	95	1	297	79	2	20	6	107	26	162	5	0	193	624
Total	18	7	56	5	86	62	611	294	4	971	380	8	67	12	467	77	543	18	4	642	2166
01:00 PM	8	2	16	4	30	16	156	113	2	287	85	1	19	0	105	20	160	3	5	188	610
01:15 PM	11	1	15	5	32	9	184	107	0	300	93	4	27	5	129	28	172	6	1	207	668
Grand Total	45	16	110	19	190	104	1204	626	6	1940	755	17	151	21	944	151	1169	30	10	1360	4434
Apprch %	23.7	8.4	57.9	10		5.4	62.1	32.3	0.3		80	1.8	16	2.2		11.1	86	2.2	0.7		
Total %	1	0.4	2.5	0.4	4.3	2.3	27.2	14.1	0.1	43.8	17	0.4	3.4	0.5	21.3	3.4	26.4	0.7	0.2	30.7	
Vehicles	45	16	110	19	190	104	1203	626	6	1939	752	17	151	21	941	151	1166	30	10	1357	4427
% Vehicles	100	100	100	100	100	100	99.9	100	100	99.9	99.6	100	100	100	99.7	100	99.7	100	100	99.8	99.8
Motor Bikes	0	0	0	0	0	0	1	0	0	1	3	0	0	0	3	0	3	0	0	3	7
% Motor Bikes	0	0	0	0	0	0	0.1	0	0	0.1	0.4	0	0	0	0.3	0	0.3	0	0	0.2	0.2

Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	3	3	11	0	17	11	132	83	0	226	92	3	20	5	120	20	117	4	1	142	505
12:45 PM	5	3	19	0	27	17	184	95	1	297	79	2	20	6	107	26	162	5	0	193	624
01:00 PM	8	2	16	4	30	16	156	113	2	287	85	1	19	0	105	20	160	3	5	188	610
01:15 PM	11	1	15	5	32	9	184	107	0	300	93	4	27	5	129	28	172	6	1	207	668
Total Volume	27	9	61	9	106	53	656	398	3	1110	349	10	86	16	461	94	611	18	7	730	2407
% App. Total	25.5	8.5	57.5	8.5		4.8	59.1	35.9	0.3		75.7	2.2	18.7	3.5		12.9	83.7	2.5	1		
PHF	.614	.750	.803	.450	.828	.779	.891	.881	.375	.925	.938	.625	.796	.667	.893	.839	.888	.750	.350	.882	.901

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 1MID FINAL
 Site Code : 00000001
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 1PM FINAL
Site Code : 00000001
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

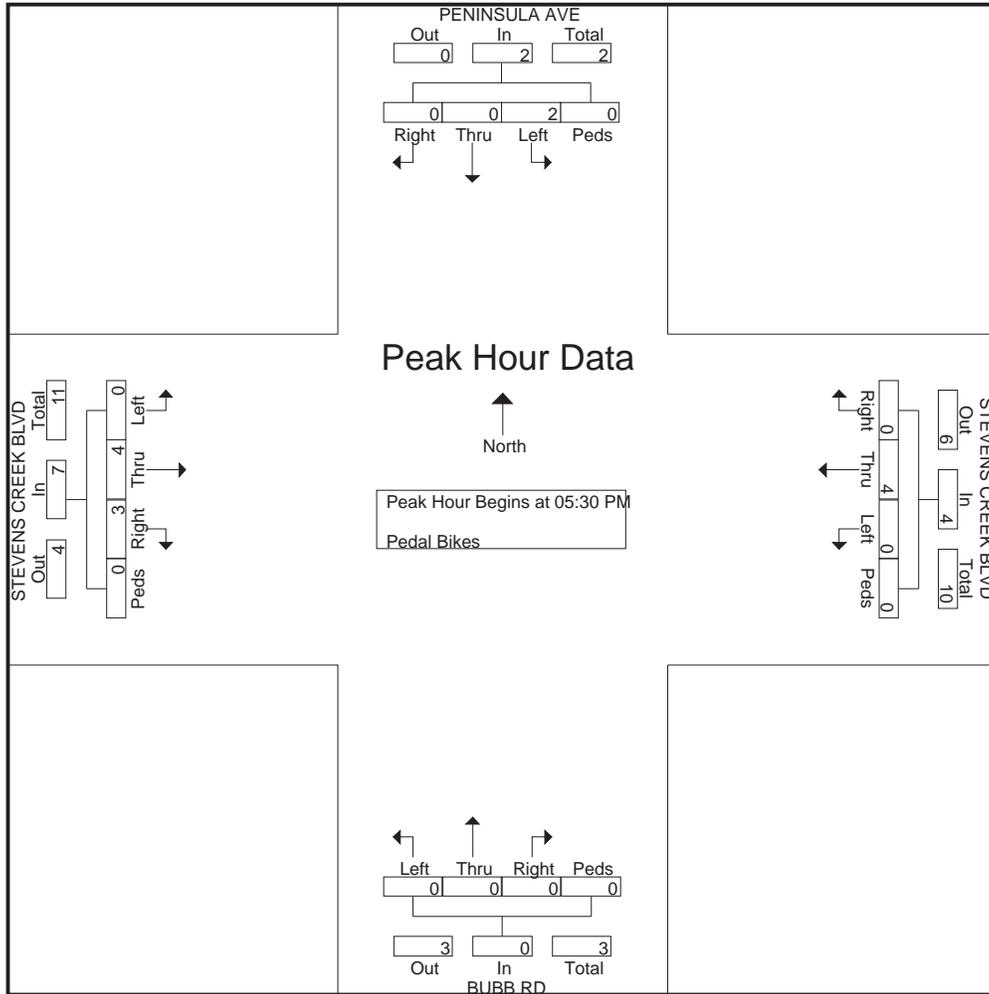
Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	3
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	4
05:00 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	2	0	0	2	4
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
05:45 PM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4
Total	0	0	2	0	2	0	1	0	0	1	2	0	0	0	2	0	5	0	0	5	10
06:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
06:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	1	0	0	4	5
Grand Total	0	0	2	0	2	0	6	0	0	6	3	0	0	0	3	3	7	0	0	10	21
Apprch %	0	0	100	0		0	100	0	0		100	0	0	0		30	70	0	0		
Total %	0	0	9.5	0	9.5	0	28.6	0	0	28.6	14.3	0	0	0	14.3	14.3	33.3	0	0	47.6	

Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
05:45 PM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	4
06:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
06:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	1	0	0	4	5
Total Volume	0	0	2	0	2	0	4	0	0	4	0	0	0	0	0	3	4	0	0	7	13
% App. Total	0	0	100	0		0	100	0	0		0	0	0	0		42.9	57.1	0	0		
PHF	.000	.000	.250	.000	.250	.000	.500	.000	.000	.500	.000	.000	.000	.000	.000	.250	.500	.000	.000	.438	.650

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 1PM FINAL
 Site Code : 00000001
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 1PM FINAL
Site Code : 00000001
Start Date : 10/9/2012
Page No : 1

Groups Printed- Vehicles - Motor Bikes

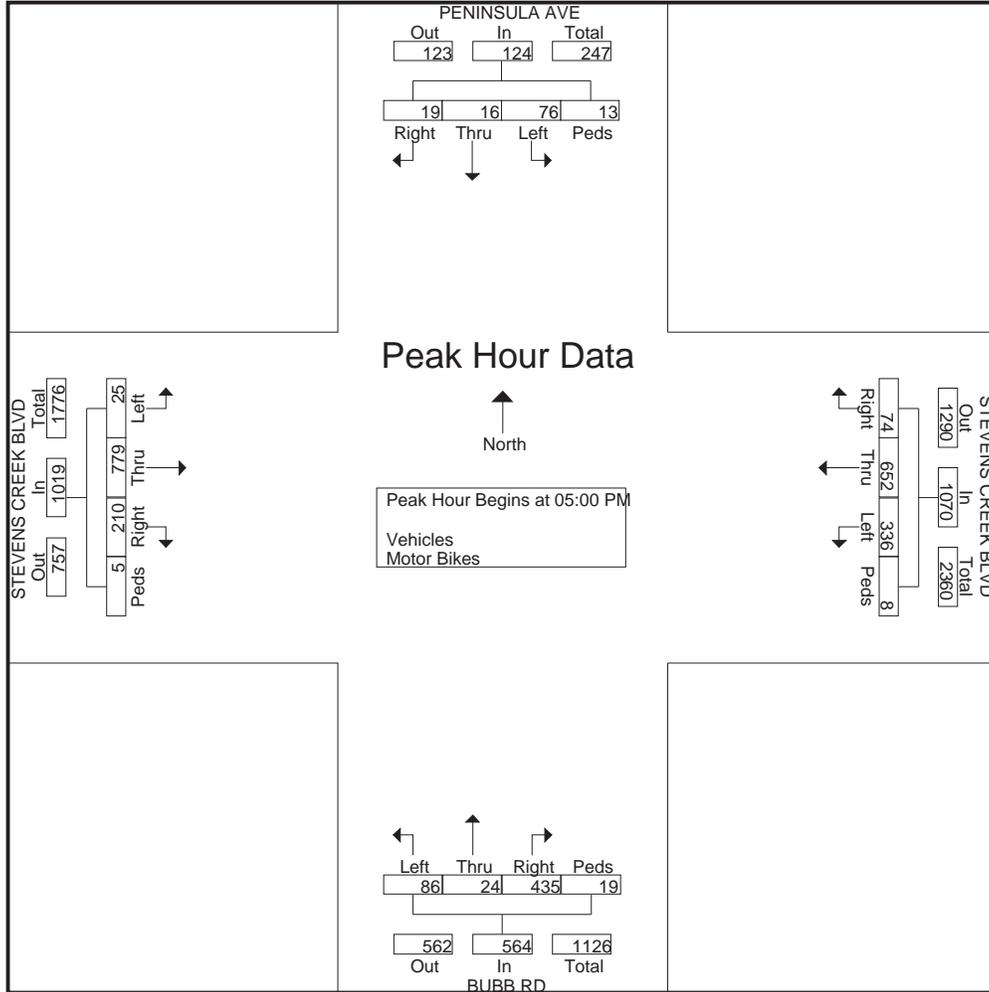
Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	6	3	16	1	26	17	159	87	2	265	88	4	26	3	121	39	163	8	1	211	623
04:45 PM	1	3	15	5	24	19	164	72	0	255	91	1	18	2	112	35	180	6	1	222	613
Total	7	6	31	6	50	36	323	159	2	520	179	5	44	5	233	74	343	14	2	433	1236
05:00 PM	7	4	20	3	34	11	160	77	2	250	125	8	27	1	161	59	197	5	0	261	706
05:15 PM	4	2	14	5	25	21	162	83	2	268	106	5	20	11	142	48	219	4	1	272	707
05:30 PM	3	4	23	2	32	22	150	101	3	276	116	8	17	6	147	58	185	9	4	256	711
05:45 PM	5	6	19	3	33	20	180	75	1	276	88	3	22	1	114	45	178	7	0	230	653
Total	19	16	76	13	124	74	652	336	8	1070	435	24	86	19	564	210	779	25	5	1019	2777
06:00 PM	5	8	21	2	36	31	176	77	1	285	91	6	27	3	127	48	196	6	2	252	700
06:15 PM	2	10	17	4	33	33	197	116	1	347	84	10	19	2	115	43	158	2	2	205	700
Grand Total	33	40	145	25	243	174	1348	688	12	2222	789	45	176	29	1039	375	1476	47	11	1909	5413
Apprch %	13.6	16.5	59.7	10.3		7.8	60.7	31	0.5		75.9	4.3	16.9	2.8		19.6	77.3	2.5	0.6		
Total %	0.6	0.7	2.7	0.5	4.5	3.2	24.9	12.7	0.2	41	14.6	0.8	3.3	0.5	19.2	6.9	27.3	0.9	0.2	35.3	
Vehicles	33	39	145	25	242	171	1344	687	12	2214	786	45	176	29	1036	375	1471	47	11	1904	5396
% Vehicles	100	97.5	100	100	99.6	98.3	99.7	99.9	100	99.6	99.6	100	100	100	99.7	100	99.7	100	100	99.7	99.7
Motor Bikes	0	1	0	0	1	3	4	1	0	8	3	0	0	0	3	0	5	0	0	5	17
% Motor Bikes	0	2.5	0	0	0.4	1.7	0.3	0.1	0	0.4	0.4	0	0	0	0.3	0	0.3	0	0	0.3	0.3

Start Time	PENINSULA AVE Southbound					STEVENS CREEK BLVD Westbound					BUBB RD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	7	4	20	3	34	11	160	77	2	250	125	8	27	1	161	59	197	5	0	261	706
05:15 PM	4	2	14	5	25	21	162	83	2	268	106	5	20	11	142	48	219	4	1	272	707
05:30 PM	3	4	23	2	32	22	150	101	3	276	116	8	17	6	147	58	185	9	4	256	711
05:45 PM	5	6	19	3	33	20	180	75	1	276	88	3	22	1	114	45	178	7	0	230	653
Total Volume	19	16	76	13	124	74	652	336	8	1070	435	24	86	19	564	210	779	25	5	1019	2777
% App. Total	15.3	12.9	61.3	10.5		6.9	60.9	31.4	0.7		77.1	4.3	15.2	3.4		20.6	76.4	2.5	0.5		
PHF	.679	.667	.826	.650	.912	.841	.906	.832	.667	.969	.870	.750	.796	.432	.876	.890	.889	.694	.313	.937	.976

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 1PM FINAL
 Site Code : 00000001
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 2AM FINAL
Site Code : 00000002
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

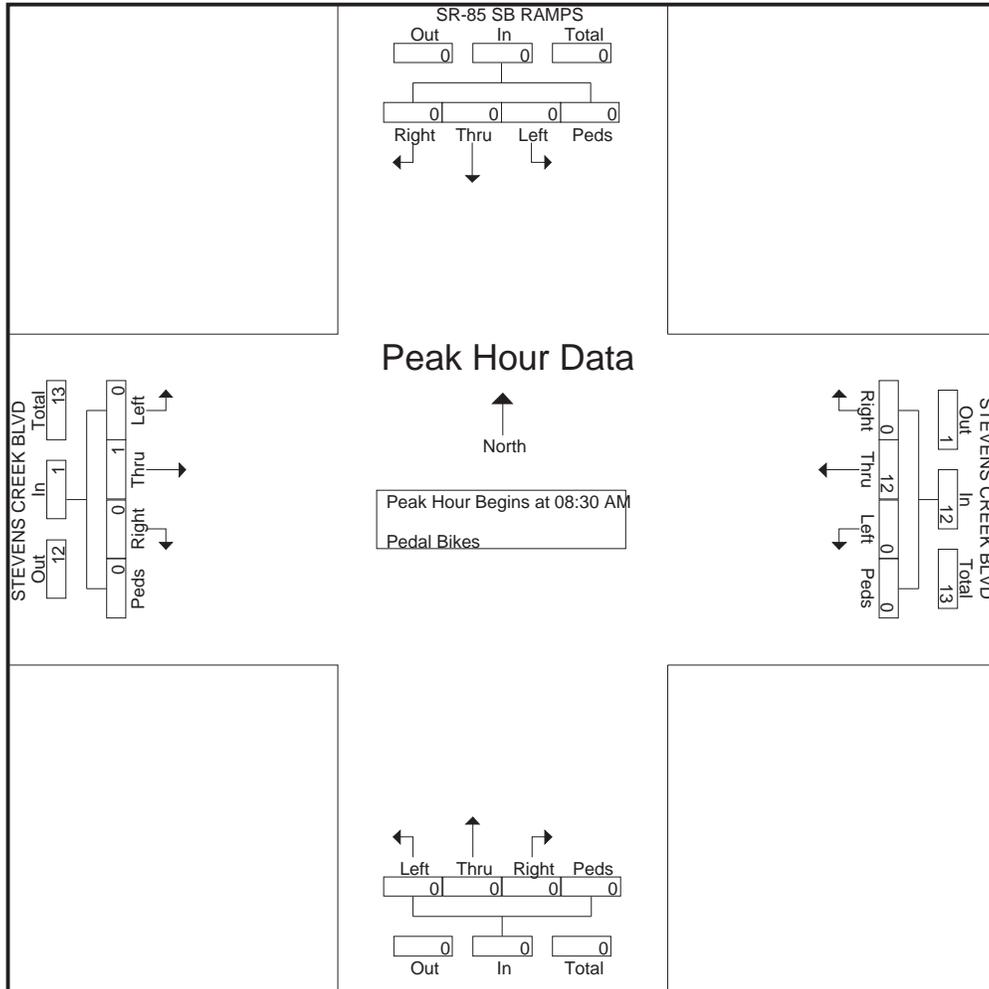
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
07:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	1	0	0	0	0	3
08:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
08:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	0	0	0	0	0	11
09:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2
Grand Total	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	2	0	0	0	0	17
Apprch %	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	0	0	100
Total %	0	0	0	0	0	0	88.2	0	0	88.2	0	0	0	0	0	0	11.8	0	0	0	0	11.8

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
Peak Hour Analysis From 07:30 AM to 09:15 AM - Peak 1 of 1																						
Peak Hour for Entire Intersection Begins at 08:30 AM																						
08:30 AM	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	6
08:45 AM	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	4
09:00 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	2
Total Volume	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	1	0	0	0	1	13
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	0	0	100
PHF	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.000	.000	.000	.000	.250	.000	.000	.000	.250	.542

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 2AM FINAL
 Site Code : 00000002
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 2AM FINAL
Site Code : 00000002
Start Date : 10/9/2012
Page No : 1

Groups Printed- Vehicles - Motor Bikes

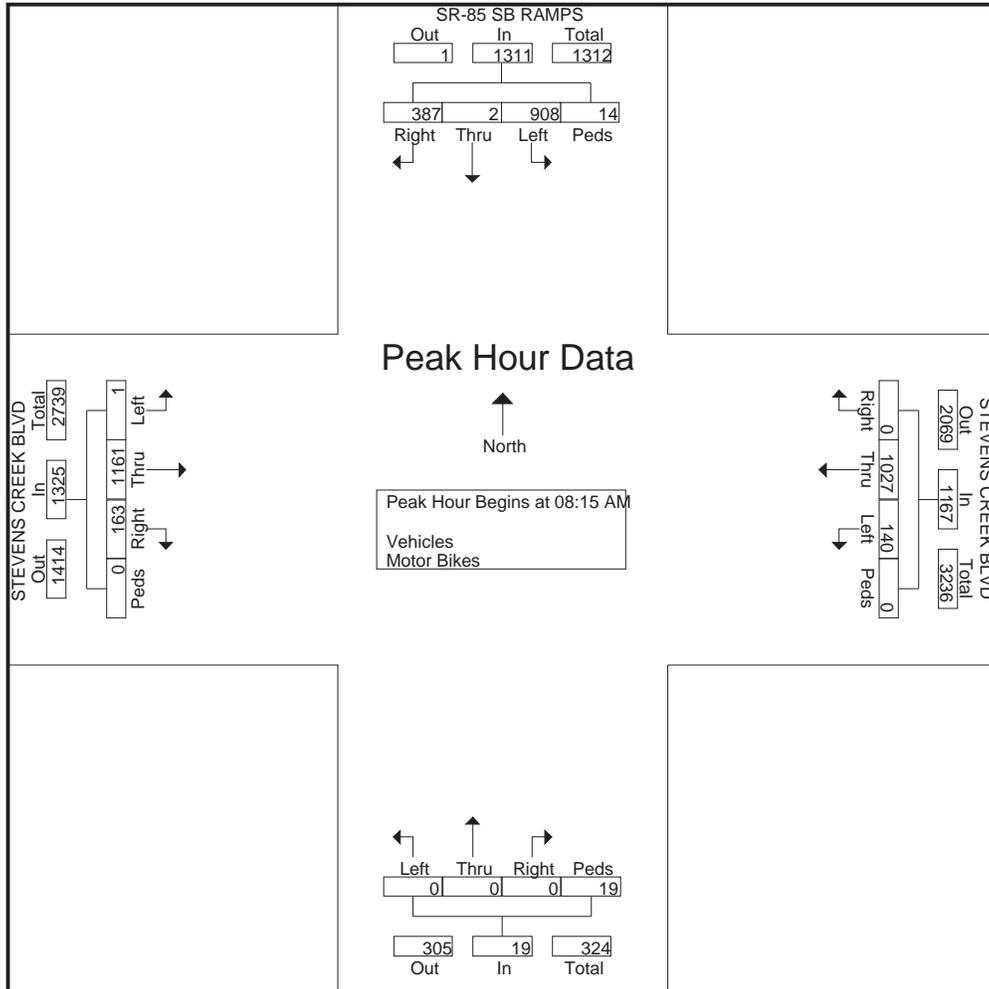
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:30 AM	73	0	124	0	197	0	135	14	0	149	0	0	0	0	0	29	295	0	0	324	670
07:45 AM	80	0	130	1	211	0	215	19	0	234	0	0	0	5	5	38	200	1	0	239	689
Total	153	0	254	1	408	0	350	33	0	383	0	0	0	5	5	67	495	1	0	563	1359
08:00 AM	104	0	194	4	302	0	223	26	0	249	0	0	0	4	4	52	219	1	0	272	827
08:15 AM	95	0	286	4	385	0	233	39	0	272	0	0	0	8	8	50	289	0	0	339	1004
08:30 AM	96	1	207	0	304	0	254	33	0	287	0	0	0	2	2	33	249	0	0	282	875
08:45 AM	98	1	174	2	275	0	291	41	0	332	0	0	0	3	3	40	300	1	0	341	951
Total	393	2	861	10	1266	0	1001	139	0	1140	0	0	0	17	17	175	1057	2	0	1234	3657
09:00 AM	98	0	241	8	347	0	249	27	0	276	0	0	0	6	6	40	323	0	0	363	992
09:15 AM	97	1	264	4	366	0	174	39	0	213	0	0	0	7	7	26	277	0	0	303	889
Grand Total	741	3	1620	23	2387	0	1774	238	0	2012	0	0	0	35	35	308	2152	3	0	2463	6897
Apprch %	31	0.1	67.9	1		0	88.2	11.8	0		0	0	0	100		12.5	87.4	0.1	0		
Total %	10.7	0	23.5	0.3	34.6	0	25.7	3.5	0	29.2	0	0	0	0.5	0.5	4.5	31.2	0	0	35.7	
Vehicles	739	3	1609	23	2374	0	1771	238	0	2009	0	0	0	35	35	308	2152	0	0	2460	6878
% Vehicles	99.7	100	99.3	100	99.5	0	99.8	100	0	99.9	0	0	0	100	100	100	100	0	0	99.9	99.7
Motor Bikes	2	0	11	0	13	0	3	0	0	3	0	0	0	0	0	0	0	3	0	3	19
% Motor Bikes	0.3	0	0.7	0	0.5	0	0.2	0	0	0.1	0	0	0	0	0	0	0	100	0	0.1	0.3

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:30 AM to 09:15 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:15 AM																					
08:15 AM	95	0	286	4	385	0	233	39	0	272	0	0	0	8	8	50	289	0	0	339	1004
08:30 AM	96	1	207	0	304	0	254	33	0	287	0	0	0	2	2	33	249	0	0	282	875
08:45 AM	98	1	174	2	275	0	291	41	0	332	0	0	0	3	3	40	300	1	0	341	951
09:00 AM	98	0	241	8	347	0	249	27	0	276	0	0	0	6	6	40	323	0	0	363	992
Total Volume	387	2	908	14	1311	0	1027	140	0	1167	0	0	0	19	19	163	1161	1	0	1325	3822
% App. Total	29.5	0.2	69.3	1.1		0	88	12	0		0	0	0	100		12.3	87.6	0.1	0		
PHF	.987	.500	.794	.438	.851	.000	.882	.854	.000	.879	.000	.000	.000	.594	.594	.815	.899	.250	.000	.913	.952

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 2AM FINAL
 Site Code : 00000002
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 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
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File Name : 2MID FINAL
Site Code : 00000002
Start Date : 10/9/2012
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Groups Printed- Pedal Bikes

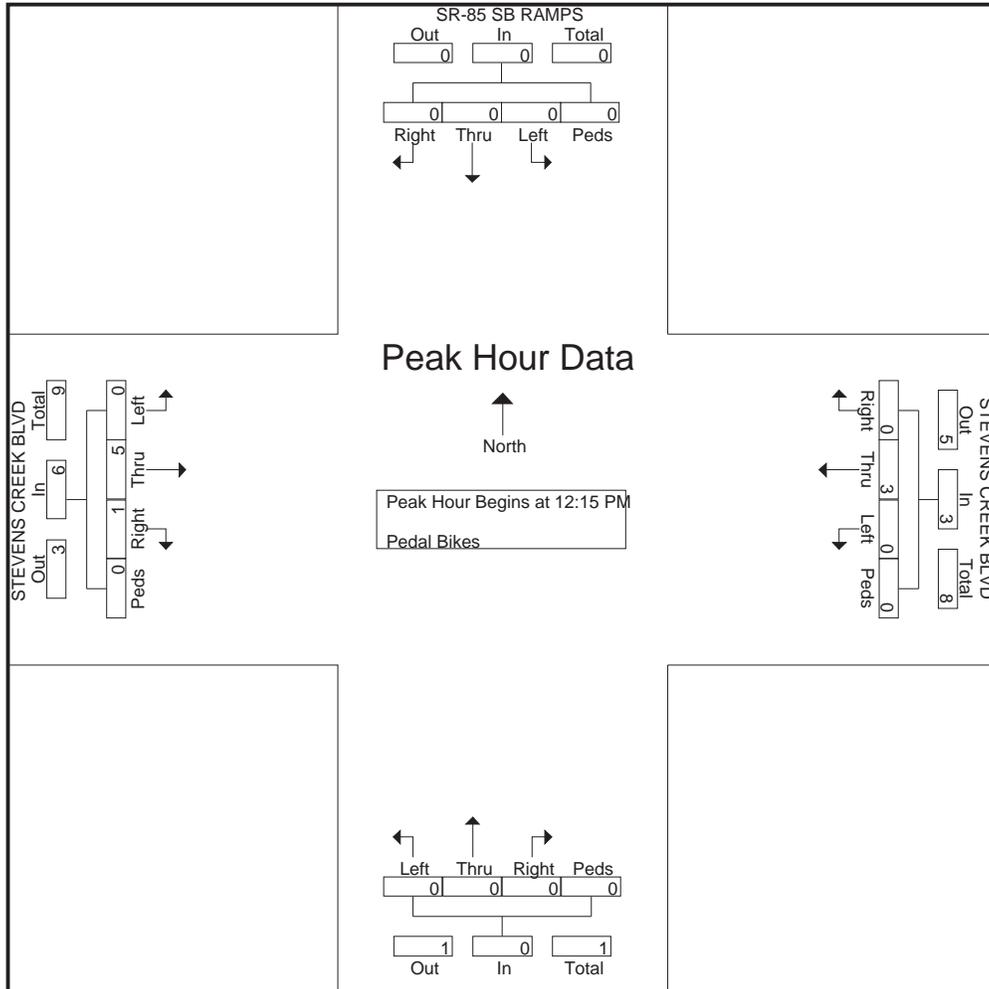
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	0	3
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
12:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4	0	0	0	4
01:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	2
01:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2	0	0	0	2
Grand Total	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	1	7	0	0	0	8
Apprch %	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	12.5	87.5	0	0	0	0
Total %	0	0	0	0	0	0	52.9	0	0	52.9	0	0	0	0	0	5.9	41.2	0	0	0	47.1

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:15 PM																					
12:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3	0	0	0	3
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
12:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	2
Total Volume	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	1	5	0	0	0	6
% App. Total	0	0	0	0	0	0	100	0	0	0	0	0	0	0	0	16.7	83.3	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.750	.000	.000	.750	.000	.000	.000	.000	.000	.250	.417	.000	.000	.500	.563

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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File Name : 2MID FINAL
 Site Code : 00000002
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 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA

(408) 377-2988

tdsbay@cs.com

File Name : 2MID FINAL

Site Code : 00000002

Start Date : 10/9/2012

Page No : 1

Groups Printed- Vehicles - Motor Bikes

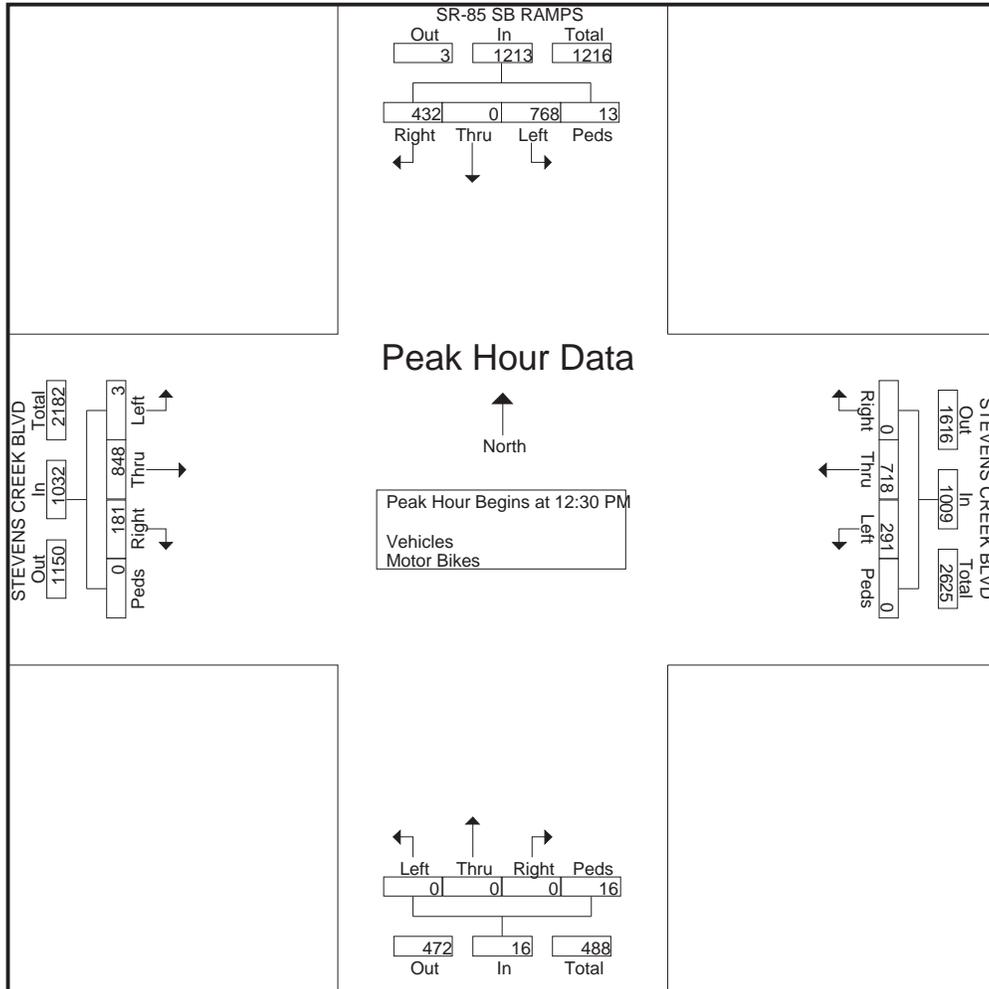
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	68	0	151	4	223	0	125	101	0	226	0	0	0	2	2	43	230	0	0	273	724
11:45 AM	79	0	152	2	233	0	135	48	0	183	0	0	0	0	0	30	228	0	0	258	674
Total	147	0	303	6	456	0	260	149	0	409	0	0	0	2	2	73	458	0	0	531	1398
12:00 PM	75	1	232	2	310	0	125	55	0	180	0	0	0	1	1	30	217	0	0	247	738
12:15 PM	96	0	253	3	352	0	154	88	0	242	0	0	0	1	1	42	188	0	0	230	825
12:30 PM	77	0	164	0	241	0	166	66	0	232	0	0	0	4	4	44	179	0	0	223	700
12:45 PM	118	0	171	0	289	0	191	69	0	260	0	0	0	5	5	53	209	0	0	262	816
Total	366	1	820	5	1192	0	636	278	0	914	0	0	0	11	11	169	793	0	0	962	3079
01:00 PM	128	0	220	5	353	0	162	71	0	233	0	0	0	1	1	41	221	2	0	264	851
01:15 PM	109	0	213	8	330	0	199	85	0	284	0	0	0	6	6	43	239	1	0	283	903
Grand Total	750	1	1556	24	2331	0	1257	583	0	1840	0	0	0	20	20	326	1711	3	0	2040	6231
Apprch %	32.2	0	66.8	1		0	68.3	31.7	0		0	0	0	100		16	83.9	0.1	0		
Total %	12	0	25	0.4	37.4	0	20.2	9.4	0	29.5	0	0	0	0.3	0.3	5.2	27.5	0	0	32.7	
Vehicles	749	1	1554	24	2328	0	1254	580	0	1834	0	0	0	20	20	326	1711	0	0	2037	6219
% Vehicles	99.9	100	99.9	100	99.9	0	99.8	99.5	0	99.7	0	0	0	100	100	100	100	0	0	99.9	99.8
Motor Bikes	1	0	2	0	3	0	3	3	0	6	0	0	0	0	0	0	0	3	0	3	12
% Motor Bikes	0.1	0	0.1	0	0.1	0	0.2	0.5	0	0.3	0	0	0	0	0	0	0	100	0	0.1	0.2

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:30 PM																					
12:30 PM	77	0	164	0	241	0	166	66	0	232	0	0	0	4	4	44	179	0	0	223	700
12:45 PM	118	0	171	0	289	0	191	69	0	260	0	0	0	5	5	53	209	0	0	262	816
01:00 PM	128	0	220	5	353	0	162	71	0	233	0	0	0	1	1	41	221	2	0	264	851
01:15 PM	109	0	213	8	330	0	199	85	0	284	0	0	0	6	6	43	239	1	0	283	903
Total Volume	432	0	768	13	1213	0	718	291	0	1009	0	0	0	16	16	181	848	3	0	1032	3270
% App. Total	35.6	0	63.3	1.1		0	71.2	28.8	0		0	0	0	100		17.5	82.2	0.3	0		
PHF	.844	.000	.873	.406	.859	.000	.902	.856	.000	.888	.000	.000	.000	.667	.667	.854	.887	.375	.000	.912	.905

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
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 tdsbay@cs.com

File Name : 2MID FINAL
 Site Code : 00000002
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 2PM FINAL
Site Code : 00000002
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

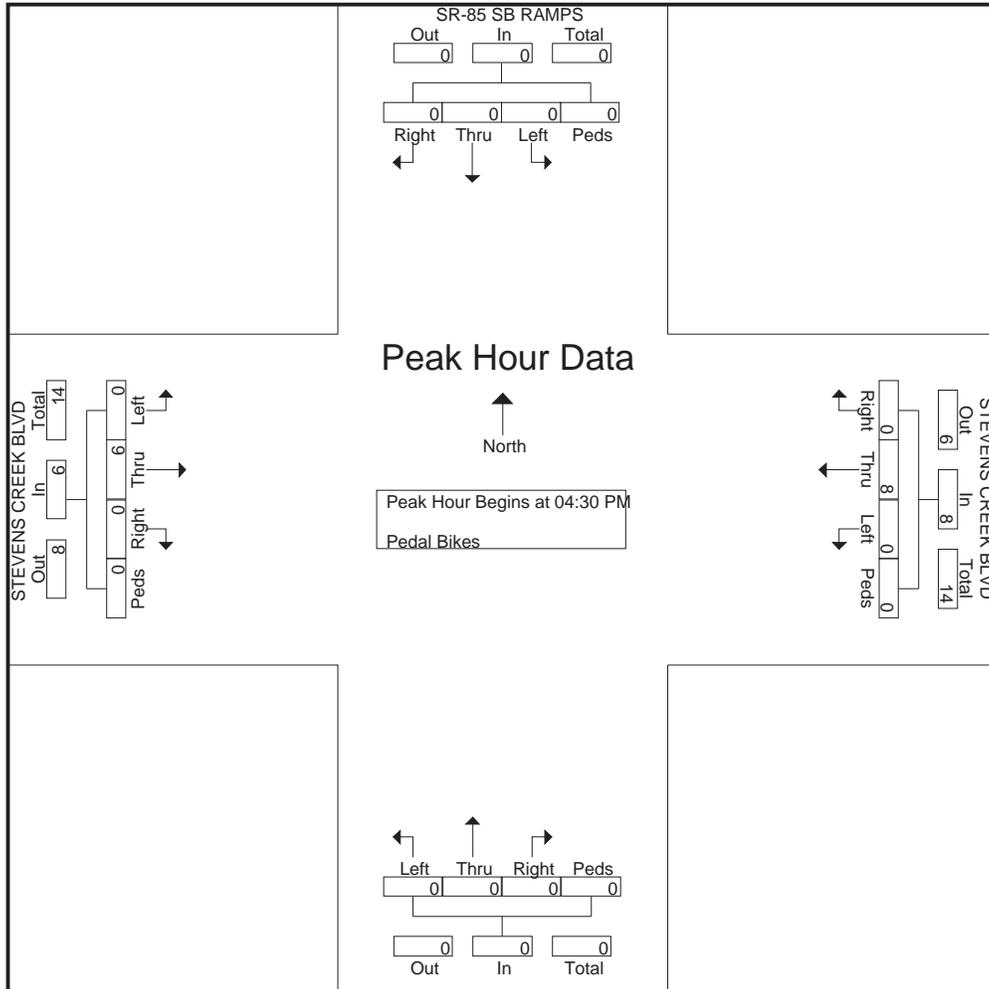
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	2
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	6
05:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	6
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	4	0	0	4	13
06:00 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Grand Total	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	6	0	0	6	21
Apprch %	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
Total %	0	0	0	0	0	0	71.4	0	0	71.4	0	0	0	0	0	0	28.6	0	0	28.6	

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:30 PM																					
04:30 PM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	5
04:45 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	6
05:15 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	6	0	0	6	14
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100	0	0	100	
PHF	.000	.000	.000	.000	.000	.000	.667	.000	.000	.667	.000	.000	.000	.000	.000	.000	.375	.000	.000	.375	.583

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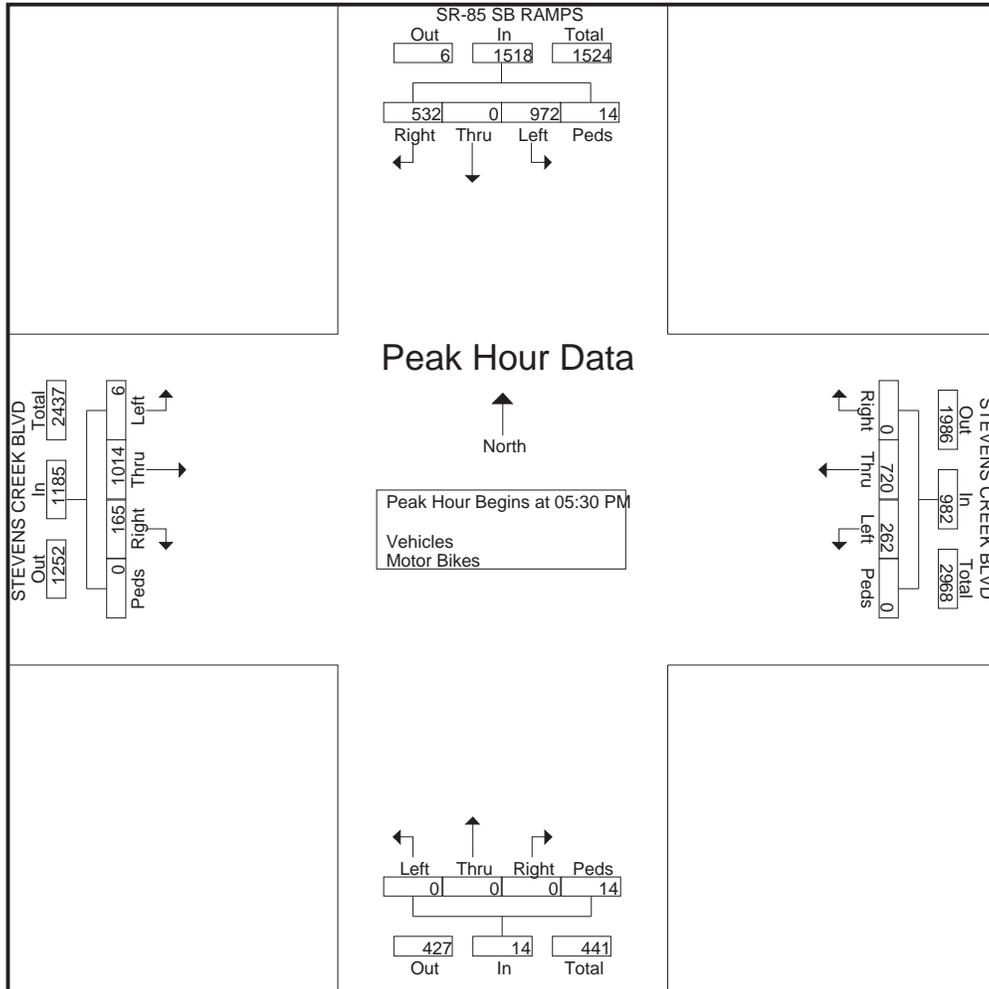
Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	104	1	203	1	309	0	162	44	0	206	0	0	0	3	3	46	232	0	0	278	796
04:45 PM	106	3	233	2	344	0	156	46	0	202	0	0	0	4	4	43	223	0	0	266	816
Total	210	4	436	3	653	0	318	90	0	408	0	0	0	7	7	89	455	0	0	544	1612
05:00 PM	89	0	265	5	359	0	151	48	0	199	0	0	0	2	2	61	305	1	0	367	927
05:15 PM	121	0	208	5	334	0	160	75	0	235	0	0	0	6	6	43	277	2	0	322	897
05:30 PM	119	0	216	4	339	0	178	67	0	245	0	0	0	8	8	47	271	2	0	320	912
05:45 PM	118	0	232	4	354	0	173	69	0	242	0	0	0	1	1	35	246	3	0	284	881
Total	447	0	921	18	1386	0	662	259	0	921	0	0	0	17	17	186	1099	8	0	1293	3617
06:00 PM	142	0	301	4	447	0	172	64	0	236	0	0	0	3	3	40	245	1	0	286	972
06:15 PM	153	0	223	2	378	0	197	62	0	259	0	0	0	2	2	43	252	0	0	295	934
Grand Total	952	4	1881	27	2864	0	1349	475	0	1824	0	0	0	29	29	358	2051	9	0	2418	7135
Apprch %	33.2	0.1	65.7	0.9		0	74	26	0		0	0	0	100		14.8	84.8	0.4	0		
Total %	13.3	0.1	26.4	0.4	40.1	0	18.9	6.7	0	25.6	0	0	0	0.4	0.4	5	28.7	0.1	0	33.9	
Vehicles	945	4	1871	27	2847	0	1347	472	0	1819	0	0	0	29	29	358	2051	0	0	2409	7104
% Vehicles	99.3	100	99.5	100	99.4	0	99.9	99.4	0	99.7	0	0	0	100	100	100	100	0	0	99.6	99.6
Motor Bikes	7	0	10	0	17	0	2	3	0	5	0	0	0	0	0	0	0	9	0	9	31
% Motor Bikes	0.7	0	0.5	0	0.6	0	0.1	0.6	0	0.3	0	0	0	0	0	0	0	100	0	0.4	0.4

Start Time	SR-85 SB RAMPS Southbound					STEVENS CREEK BLVD Westbound					STEVENS CREEK BLVD Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:30 PM																					
05:30 PM	119	0	216	4	339	0	178	67	0	245	0	0	0	8	8	47	271	2	0	320	912
05:45 PM	118	0	232	4	354	0	173	69	0	242	0	0	0	1	1	35	246	3	0	284	881
06:00 PM	142	0	301	4	447	0	172	64	0	236	0	0	0	3	3	40	245	1	0	286	972
06:15 PM	153	0	223	2	378	0	197	62	0	259	0	0	0	2	2	43	252	0	0	295	934
Total Volume	532	0	972	14	1518	0	720	262	0	982	0	0	0	14	14	165	1014	6	0	1185	3699
% App. Total	35	0	64	0.9		0	73.3	26.7	0		0	0	0	100		13.9	85.6	0.5	0		
PHF	.869	.000	.807	.875	.849	.000	.914	.949	.000	.948	.000	.000	.000	.438	.438	.878	.935	.500	.000	.926	.951

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 2PM FINAL
 Site Code : 00000002
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 3AM FINAL
Site Code : 00000003
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	6
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	7
Total	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	11	1	0	12	17
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
Grand Total																										
							20.8															94.7				

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
Peak Hour Analysis From 07:30 AM to 09:15 AM - Peak 1 of 1																											
Peak Hour for Entire Intersection Begins at 08:00 AM																											
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3	
08:30 AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	7	
08:45 AM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	7	
Total Volume	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	11	1	0	12	17	
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	0	0	0	0	0	91.7	8.3	0	100	100	
PHF	.000	.000	.000	.000	.000	.000	.417	.000	.000	.417	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.550	.250	.000	.600	.607	

Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
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File Name : 3AM FINAL
Site Code : 00000003
Start Date : 10/9/2012
Page No : 1

Groups Printed- Vehicles - Motor Bikes

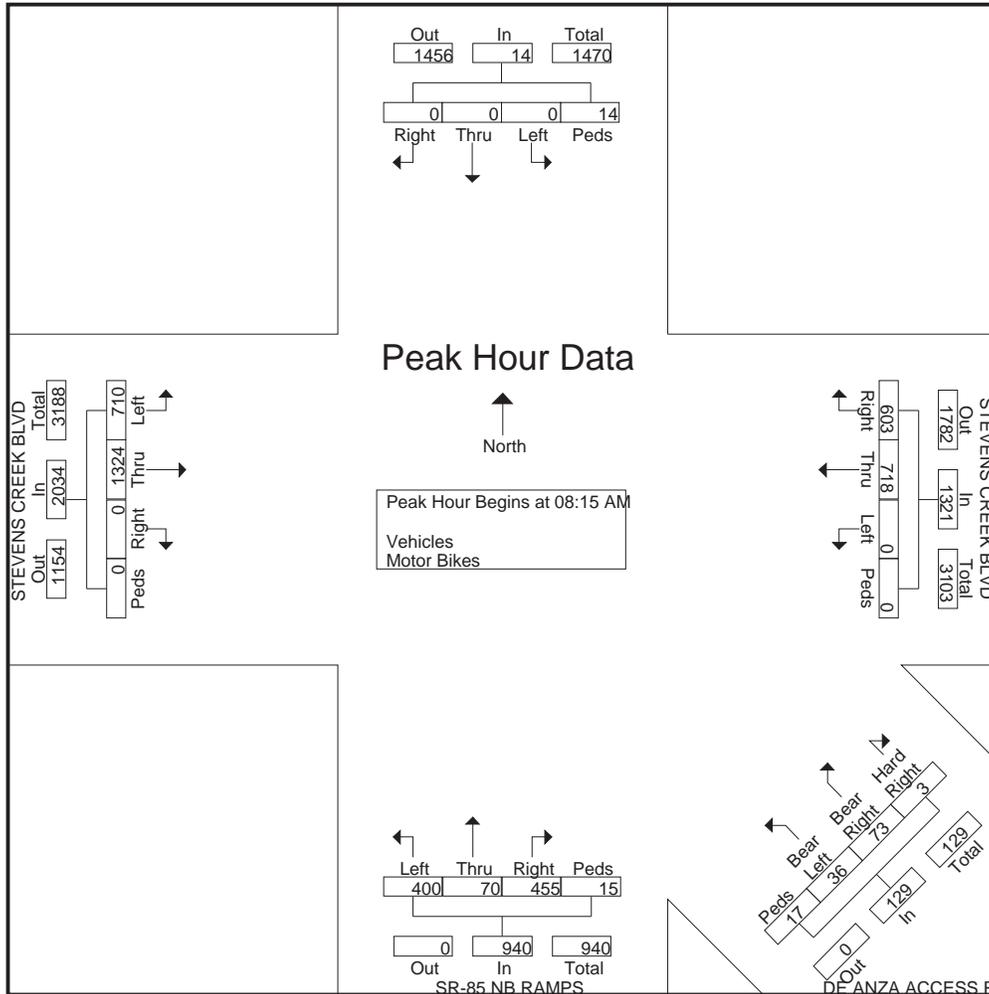
Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
07:30 AM	0	0	0	0	0	107	77	0	0	184	0	5	6	0	11	66	13	64	0	143	0	226	205	0	431	769
07:45 AM	0	0	0	0	0	109	122	0	0	231	6	7	2	2	17	73	21	101	2	197	0	182	130	0	312	757
Total	0	0	0	0	0	216	199	0	0	415	6	12	8	2	28	139	34	165	2	340	0	408	335	0	743	1526
08:00 AM	0	0	0	3	3	116	143	0	0	259	1	4	2	2	9	124	21	100	0	245	0	249	142	0	391	907
08:15 AM	0	0	0	4	4	133	172	0	0	305	1	23	12	4	40	120	14	101	4	239	0	394	169	0	563	1151
08:30 AM	0	0	0	0	0	198	177	0	0	375	0	34	8	3	45	101	10	99	3	213	0	283	192	0	475	1108
08:45 AM	0	0	0	2	2	127	193	0	0	320	1	10	10	5	26	104	29	108	3	244	0	283	171	0	454	1046
Total	0	0	0	9	9	574	685	0	0	1259	3	71	32	14	120	449	74	408	10	941	0	1209	674	0	1883	4212
09:00 AM	0	0	0	8	8	145	176	0	0	321	1	6	6	5	18	130	17	92	5	244	0	364	178	0	542	1133
09:15 AM	0	0	0	4	4	158	139	0	0	297	0	22	10	3	35	152	6	70	3	231	0	393	169	0	562	1129
Grand Total	0	0	0	21	21	1093	1199	0	0	2292	10	111	56	24	201	870	131	735	20	1756	0	2374	1356	0	3730	8000
Apprch %	0	0	0	100		47.7	52.3	0	0		5	55.2	27.9	11.9		49.5	7.5	41.9	1.1		0	63.6	36.4	0		
Total %	0	0	0	0.3	0.3	13.7	15	0	0	28.6	0.1	1.4	0.7	0.3	2.5	10.9	1.6	9.2	0.2	22	0	29.7	17	0	46.6	
Vehicles	0	0	0	21	21	1091	1197	0	0	2288	10	111	56	24	201	861	131	733	20	1745	0	2360	1353	0	3713	7968
% Vehicles	0	0	0	100	100	99.8	99.8	0	0	99.8	100	100	100	100	100	99	100	99.7	100	99.4	0	99.4	99.8	0	99.5	99.6
Motor Bikes	0	0	0	0	0	2	2	0	0	4	0	0	0	0	0	9	0	2	0	11	0	14	3	0	17	32
% Motor Bikes	0	0	0	0	0	0.2	0.2	0	0	0.2	0	0	0	0	0	1	0	0.3	0	0.6	0	0.6	0.2	0	0.5	0.4

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 07:30 AM to 09:15 AM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 08:15 AM																										
08:15 AM	0	0	0	4	4	133	172	0	0	305	1	23	12	4	40	120	14	101	4	239	0	394	169	0	563	1151
08:30 AM	0	0	0	0	0	198	177	0	0	375	0	34	8	3	45	101	10	99	3	213	0	283	192	0	475	1108
08:45 AM	0	0	0	2	2	127	193	0	0	320	1	10	10	5	26	104	29	108	3	244	0	283	171	0	454	1046
09:00 AM	0	0	0	8	8	145	176	0	0	321	1	6	6	5	18	130	17	92	5	244	0	364	178	0	542	1133
Total Volume	0	0	0	14	14	603	718	0	0	1321	3	73	36	17	129	455	70	400	15	940	0	1324	710	0	2034	4438
% App. Total	0	0	0	100		45.6	54.4	0	0		2.3	56.6	27.9	13.2		48.4	7.4	42.6	1.6		0	65.1	34.9	0		
PHF	.000	.000	.000	.438	.438	.761	.930	.000	.000	.881	.750	.537	.750	.850	.717	.875	.603	.926	.750	.963	.000	.840	.924	.000	.903	.964

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 3AM FINAL
 Site Code : 00000003
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 3MID FINAL
Site Code : 00000003
Start Date : 10/9/2012
Page No : 1

Groups Printed- Pedal Bikes

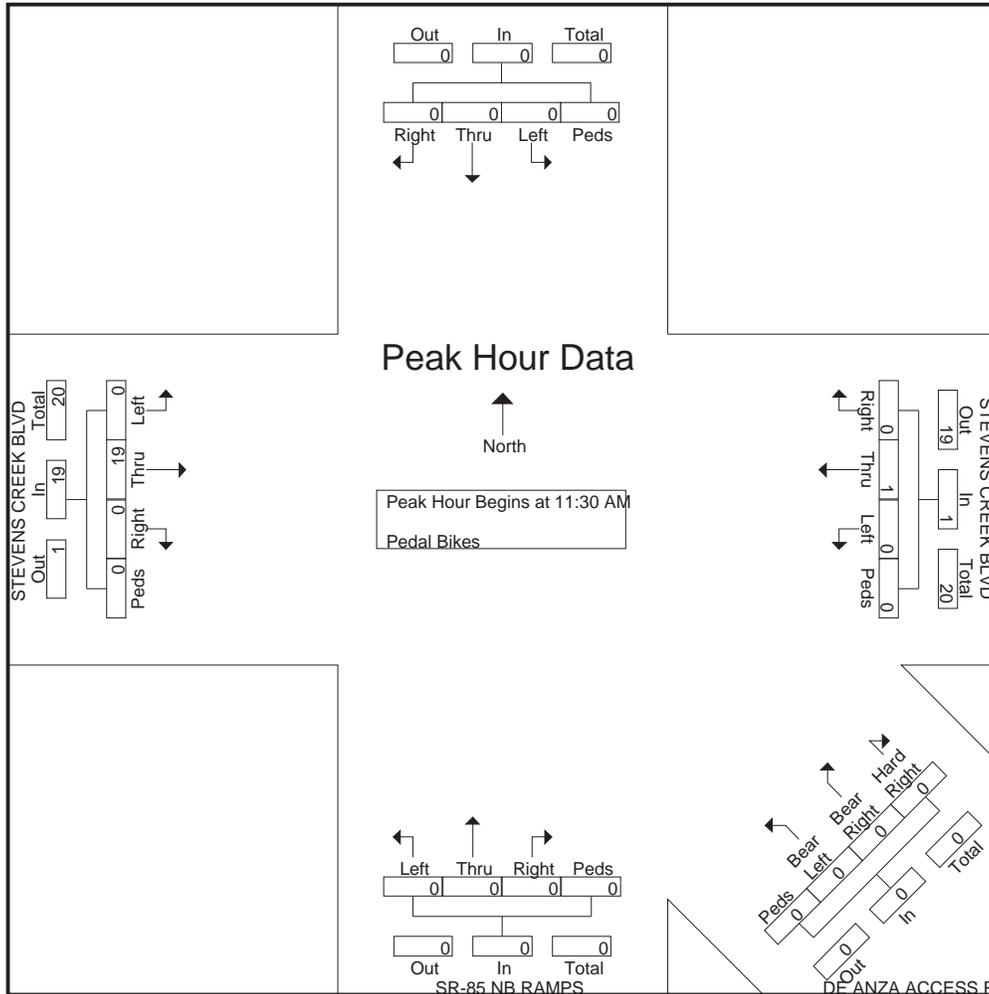
Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	6
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9	10
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	6
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0	0	12	12
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
Grand Total																						96.3				

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 11:30 AM																										
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	6	
11:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	3	4	
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4	
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	6	
Total Volume	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	19	0	0	19	20	
% App. Total	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	0	0	0	0	100	0	0	100	100	
PHF	.000	.000	.000	.000	.000	.000	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.792	.000	.000	.792	.833	

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Traffic Data Study
 Campbell, CA
 (408) 377-2988
 tdsbay@cs.com

File Name : 3MID FINAL
 Site Code : 00000003
 Start Date : 10/9/2012
 Page No : 2



Corrections & Comments supporting Draft Site Stevens Creek Feasibility Study

Campbell, CA
(408) 377-2988
tdsbay@cs.com

File Name : 3MID FINAL
Site Code : 00000003
Start Date : 10/9/2012
Page No : 1

Groups Printed- Vehicles - Motor Bikes

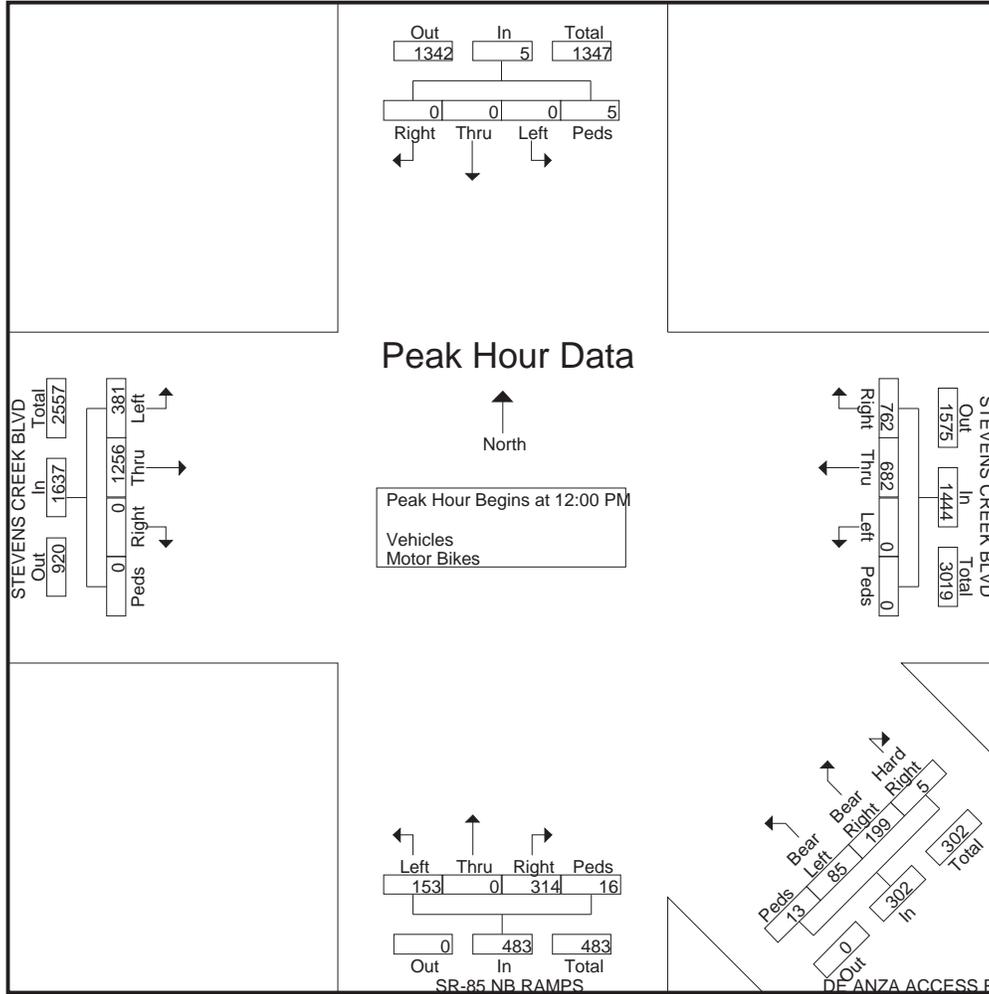
Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
11:30 AM	0	0	0	0	0	212	159	0	0	371	5	69	28	2	104	60	2	33	2	97	0	269	87	0	356	928
11:45 AM	0	0	0	0	0	157	123	0	0	280	2	25	35	0	62	66	3	42	0	111	0	264	117	0	381	834
Total	0	0	0	0	0	369	282	0	0	651	7	94	63	2	166	126	5	75	2	208	0	533	204	0	737	1762
12:00 PM	0	0	0	4	4	138	145	0	0	283	0	42	10	3	55	93	0	23	3	119	0	371	112	0	483	944
12:15 PM	0	0	0	1	1	205	156	0	0	361	4	55	27	2	88	94	0	50	2	146	0	348	93	0	441	1037
12:30 PM	0	0	0	0	0	235	189	0	0	424	1	57	38	4	100	55	0	33	4	92	0	256	82	0	338	954
12:45 PM	0	0	0	0	0	184	192	0	0	376	0	45	10	4	59	72	0	47	7	126	0	281	94	0	375	936
Total	0	0	0	5	5	762	682	0	0	1444	5	199	85	13	302	314	0	153	16	483	0	1256	381	0	1637	3871
01:00 PM	0	0	0	0	0	160	171	0	0	331	0	27	14	1	42	73	1	38	1	113	0	348	99	0	447	933
01:15 PM	0	0	0	0	0	162	184	0	0	346	2	36	30	7	75	88	0	57	7	152	0	339	102	0	441	1014
Grand Total	0	0	0	5	5	1453	1319	0	0	2772	14	356	192	23	585	601	6	323	26	956	0	2476	786	0	3262	7580
Apprch %	0	0	0	100		52.4	47.6	0	0		2.4	60.9	32.8	3.9		62.9	0.6	33.8	2.7		0	75.9	24.1	0		
Total %	0	0	0	0.1	0.1	19.2	17.4	0	0	36.6	0.2	4.7	2.5	0.3	7.7	7.9	0.1	4.3	0.3	12.6	0	32.7	10.4	0	43	
Vehicles	0	0	0	5	5	1450	1313	0	0	2763	12	353	192	23	580	598	6	323	26	953	0	2470	786	0	3256	7557
% Vehicles	0	0	0	100	100	99.8	99.5	0	0	99.7	85.7	99.2	100	100	99.1	99.5	100	100	100	99.7	0	99.8	100	0	99.8	99.7
Motor Bikes	0	0	0	0	0	3	6	0	0	9	2	3	0	0	5	3	0	0	0	3	0	6	0	0	6	23
% Motor Bikes	0	0	0	0	0	0.2	0.5	0	0	0.3	14.3	0.8	0	0	0.9	0.5	0	0	0	0.3	0	0.2	0	0	0.2	0.3

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 11:30 AM to 01:15 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 12:00 PM																										
12:00 PM	0	0	0	4	4	138	145	0	0	283	0	42	10	3	55	93	0	23	3	119	0	371	112	0	483	944
12:15 PM	0	0	0	1	1	205	156	0	0	361	4	55	27	2	88	94	0	50	2	146	0	348	93	0	441	1037
12:30 PM	0	0	0	0	0	235	189	0	0	424	1	57	38	4	100	55	0	33	4	92	0	256	82	0	338	954
12:45 PM	0	0	0	0	0	184	192	0	0	376	0	45	10	4	59	72	0	47	7	126	0	281	94	0	375	936
Total Volume	0	0	0	5	5	762	682	0	0	1444	5	199	85	13	302	314	0	153	16	483	0	1256	381	0	1637	3871
% App. Total	0	0	0	100		52.8	47.2	0	0		1.7	65.9	28.1	4.3		65	0	31.7	3.3		0	76.7	23.3	0		
PHF	.000	.000	.000	.313	.313	.811	.888	.000	.000	.851	.313	.873	.559	.813	.755	.835	.000	.765	.571	.827	.000	.846	.850	.000	.847	.933

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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File Name : 3PM FINAL
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Groups Printed- Pedal Bikes

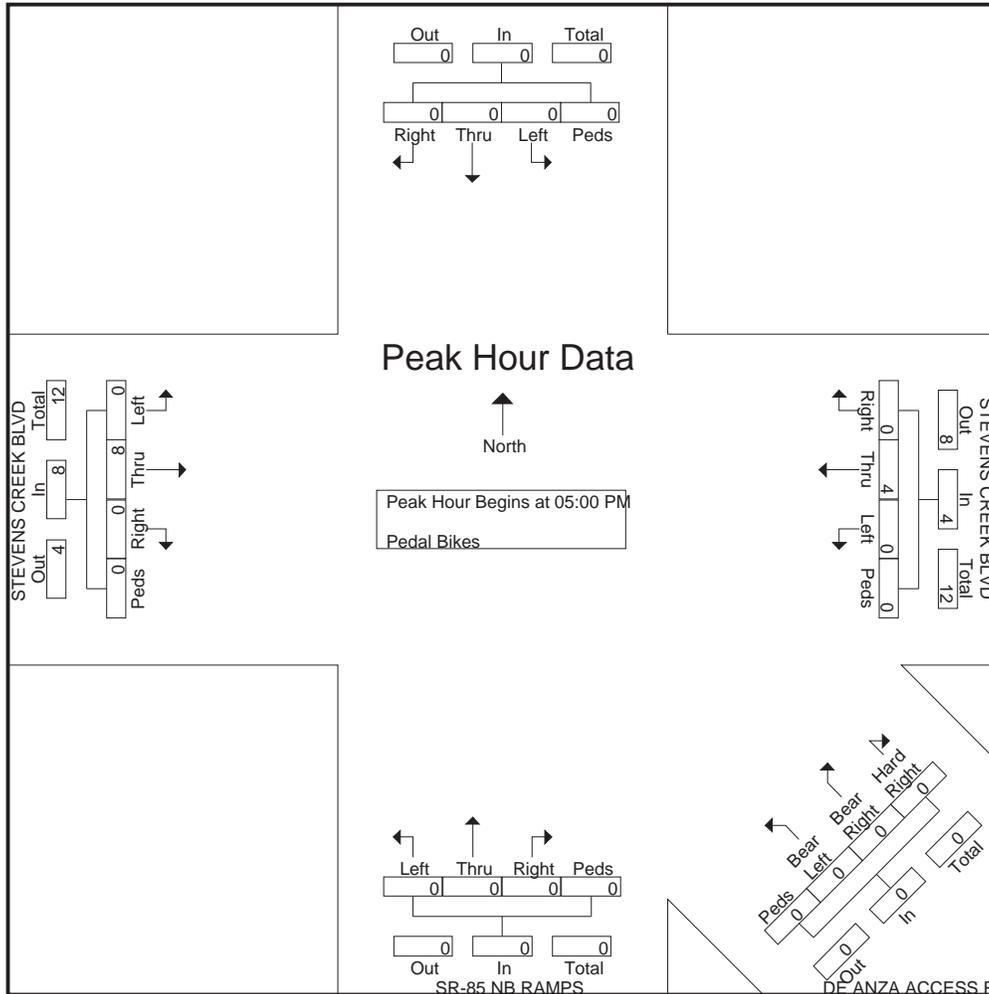
Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	3
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	6
Total	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	12
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3
Grand Total	0	0	0	0	0	1	6	0	0	7	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	18
Apprch %	0	0	0	0		14.3	85.7	0	0		0	0	0	0		0	0	0	0		0	100	0	0		
Total %	0	0	0	0		5.6	33.3	0	0	38.9	0	0	0	0		0	0	0	0		0	61.1	0	0	61.1	

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 05:00 PM																										
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	4
05:15 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	6
Total Volume	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	12
% App. Total	0	0	0	0		0	100	0	0		0	0	0	0		0	0	0	0		0	100	0	0		
PHF	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500	.000	.000	.500	.500

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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Groups Printed- Vehicles - Motor Bikes

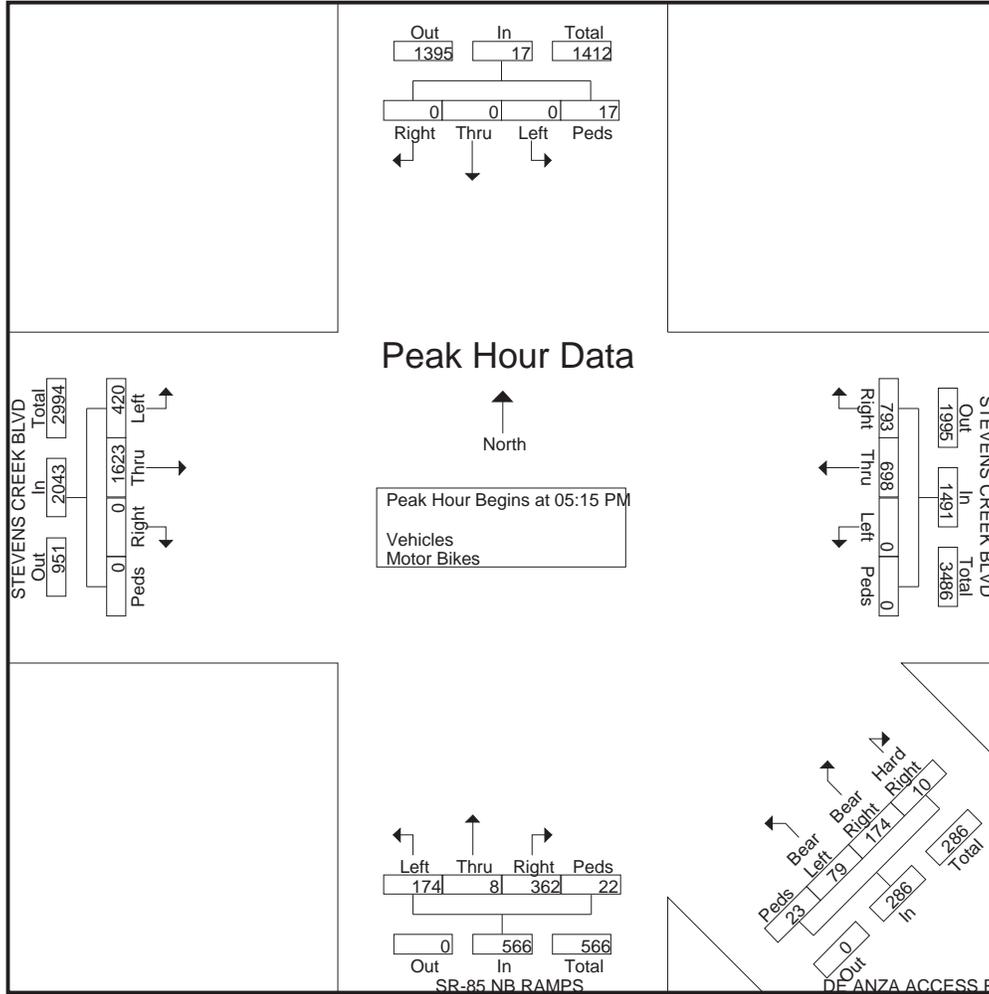
Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
04:30 PM	0	0	0	0	0	171	144	0	0	315	2	35	9	4	50	50	0	41	4	95	0	338	114	0	452	912
04:45 PM	0	0	0	3	3	153	145	0	0	298	2	34	10	4	50	58	0	47	4	109	0	390	86	0	476	936
Total	0	0	0	3	3	324	289	0	0	613	4	69	19	8	100	108	0	88	8	204	0	728	200	0	928	1848
05:00 PM	0	0	0	6	6	170	146	0	0	316	3	48	16	4	71	64	0	38	4	106	0	432	123	0	555	1054
05:15 PM	0	0	0	6	6	184	181	0	0	365	2	39	14	9	64	85	2	37	9	133	0	417	105	0	522	1090
05:30 PM	0	0	0	4	4	213	168	0	0	381	3	46	20	8	77	89	4	56	8	157	0	356	116	0	472	1091
05:45 PM	0	0	0	3	3	222	184	0	0	406	1	33	15	1	50	85	1	40	1	127	0	418	113	0	531	1117
Total	0	0	0	19	19	789	679	0	0	1468	9	166	65	22	262	323	7	171	22	523	0	1623	457	0	2080	4352
06:00 PM	0	0	0	4	4	174	165	0	0	339	4	56	30	5	95	103	1	41	4	149	0	432	86	0	518	1105
06:15 PM	0	0	0	2	2	183	182	0	0	365	1	41	23	3	68	90	0	43	3	136	0	402	113	0	515	1086
Grand Total	0	0	0	28	28	1470	1315	0	0	2785	18	332	137	38	525	624	8	343	37	1012	0	3185	856	0	4041	8391
Apprch %	0	0	0	100		52.8	47.2	0	0		3.4	63.2	26.1	7.2		61.7	0.8	33.9	3.7		0	78.8	21.2	0		
Total %	0	0	0	0.3	0.3	17.5	15.7	0	0	33.2	0.2	4	1.6	0.5	6.3	7.4	0.1	4.1	0.4	12.1	0	38	10.2	0	48.2	
Vehicles	0	0	0	28	28	1467	1311	0	0	2778	17	331	137	38	523	624	8	343	37	1012	0	3169	853	0	4022	8363
% Vehicles	0	0	0	100	100	99.8	99.7	0	0	99.7	94.4	99.7	100	100	99.6	100	100	100	100	100	0	99.5	99.6	0	99.5	99.7
Motor Bikes	0	0	0	0	0	3	4	0	0	7	1	1	0	0	2	0	0	0	0	0	0	16	3	0	19	28
% Motor Bikes	0	0	0	0	0	0.2	0.3	0	0	0.3	5.6	0.3	0	0	0.4	0	0	0	0	0	0	0.5	0.4	0	0.5	0.3

Start Time	Southbound					STEVENS CREEK BLVD Westbound					DE ANZA ACCESS RD Northwestbound					SR-85 NB RAMPS Northbound					STEVENS CREEK BLVD Eastbound					Int. Total	
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Hard Right	Bear Right	Bear Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total		
Peak Hour Analysis From 04:30 PM to 06:15 PM - Peak 1 of 1																											
Peak Hour for Entire Intersection Begins at 05:15 PM																											
05:15 PM	0	0	0	6	6	184	181	0	0	365	2	39	14	9	64	85	2	37	9	133	0	417	105	0	522	1090	
05:30 PM	0	0	0	4	4	213	168	0	0	381	3	46	20	8	77	89	4	56	8	157	0	356	116	0	472	1091	
05:45 PM	0	0	0	3	3	222	184	0	0	406	1	33	15	1	50	85	1	40	1	127	0	418	113	0	531	1117	
06:00 PM	0	0	0	4	4	174	165	0	0	339	4	56	30	5	95	103	1	41	4	149	0	432	86	0	518	1105	
Total Volume	0	0	0	17	17	793	698	0	0	1491	10	174	79	23	286	362	8	174	22	566	0	1623	420	0	2043	4403	
% App. Total	0	0	0	100		53.2	46.8	0	0		3.5	60.8	27.6	8		64	1.4	30.7	3.9		0	79.4	20.6	0			
PHF	.000	.000	.000	.708	.708	.893	.948	.000	.000	.918	.625	.777	.658	.639	.753	.879	.500	.777	.611	.901	.000	.939	.905	.000	.962	.985	

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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*The Bicycle Compatibility Index:
A Level of Service Concept,
Implementation Manual*

FHWA-RD-98-095

Table of Contents

- Foreward
- Introduction
- Model development
- Data requirements & assumptions
- BCI & LOS workbook
- Application examples
 - Evaluation of existing conditions
 - Assessment of proposed design alternatives
 - Planning to accommodate bicyclists
- Appendix A - English units BCI model
- Appendix B - Microsoft Excel logic
- References

Foreword

The vision of the 1998 Federal Highway Administration National Strategic Plan is to create the best transportation system in the world, a transportation system that is safe, efficient, and intermodal, allowing all Americans to have access within and beyond their communities. This transportation system will have significantly reduced crashes, delays, and congestion; roads that protect ecosystems and air quality; and will accommodate pedestrians and bicyclists.

One method of accommodating bicycle travel is to develop or improve roadways for shared use by both motor vehicles and bicycles. This document demonstrates the application of the Bicycle Compatibility Index (BCI) to evaluate the capability of urban and suburban roadway sections to accommodate both motorists and bicyclists. The BCI methodology will allow practitioners to evaluate existing facilities and determine and possible improvements and to determine operational and geometric requirements for new facilities.

This report should be of interest to State and local bicycle coordinators, transportation engineers, and planners involved in the design of bicycle

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$$BCI = 3.67 - 0.966BL - 0.410BLW - 0.498CLW + 0.007CLV + 0.0007OLV + 0.072SPD + 0.506PKG - 0.264AREA + AF$$

where:

BL = presence of a bicycle lane or paved shoulder ≥ 0.9 m no = 0 yes = 1	PKG = presence of a parking lane with more than 30 percent occupancy no = 0 yes = 1
BLW = bicycle lane (or paved shoulder) width m (to the nearest tenth)	AREA = type of roadside development residential = 1 other type = 0
CLW = curb lane width m (to the nearest tenth)	AF = $f_t + f_p + f_{rt}$
CLV = curb lane volume vph in one direction	where:
OLV = other lane(s) volume - same direction vph	f_t = adjustment factor for truck volumes (see below)
SPD = 85th percentile speed of traffic km/h	f_p = adjustment factor for parking turnover (see below)
	f_{rt} = adjustment factor for right-turn volumes (see below)

Adjustment Factors

Hourly Curb Lane Large Truck Volume ¹	f_t	Parking Time Limit (min)	f_p
≥ 120	0.5	≤ 15	0.6
60 - 119	0.4	16 - 30	0.5
30 - 59	0.3	31 - 60	0.4
20 - 29	0.2	61 - 120	0.3
10 - 19	0.1	121 - 240	0.2
< 10	0.0	241 - 480	0.1
		> 480	0.0

Hourly Right-Turn Volume ²	f_{rt}
≥ 270	0.1
< 270	0.0

¹ Large trucks are defined as all vehicles with six or more tires.

² Includes total number of right turns into driveways or minor intersections along a roadway segment.

Using the perspectives of more than 200 study participants in three locations (Olympia, WA; Austin, TX; and Chapel Hill, NC), the BCI model was developed for all bicyclists as shown in table 1 (see appendix A for the English units version). The participants rated each of 67 sites included on a videotape with respect to how comfortable they would be riding there under the conditions shown. The ratings were made using a six-point scale where a **one** indicated that the individual would be "extremely comfortable" riding there while a **six** indicated that the individual would be "extremely uncomfortable" riding in those conditions. This model predicts the overall comfort level rating of a bicyclist using the eight significant (at $p \leq 0.01$) variables shown and an adjustment factor (AF) to account for three additional operational characteristics. The basic model (excluding the adjustment factor) has an R^2 -value of 0.89, indicating that 89 percent of the variance in the index or comfort level of the bicyclist is explained by the eight variables included in the model. In other words, the model is a reliable predictor of the expected comfort level of bicyclists on the basis of these eight variables describing the geometric and operational conditions of the roadway. The variable with the largest effect on the index is the presence or absence of a bicycle lane or paved shoulder (**BL**); the presence of a bicycle lane (paved shoulder) that is at least 0.9 m wide reduces the index by almost a full point, indicating an increased level of comfort for the bicyclist. Increasing the width of the bicycle lane or paved shoulder (**BLW**) or the curb lane (**CLW**) also reduces the index as does the presence of residential development along the roadside (**AREA**). On the other hand, an increase in traffic volume (**CLV** and **OLV**) or motor vehicle speeds (**SPD**) increases the index, indicating a lower level of comfort for the bicyclist. The presence of on-street parking (**PKG**) also increases the index.

In addition to the primary variables included in the BCI model, three additional variables defining specific operating conditions were also examined. These supplemental variables were identified during the pilot phase of the study as having a potential impact on the comfort level of bicyclists and included the presence of: 1) large trucks or buses, 2) vehicles turning right into driveways, and 3) vehicles pulling into or out of on-street parking spaces. An analysis of the overall comfort level ratings made when viewing video clips illustrating these conditions showed all three of these variables to significantly increase the index, thus indicating a lower level of comfort when these conditions were present. For all bicyclists, the overall mean rating increased by 0.50 when large trucks or buses were present. When there were vehicles pulling into or out of parking spaces, the average rating increased by 0.60. And finally, the presence of right-turning vehicles resulted in an increase in the mean rating of 0.10.

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While the results from these specific conditions are not directly comparable to the conditions, the results of the limited sample do indicate a need for adjustment to the BCI model when large trucks or buses are present, when there is a high number of vehicles pulling into or out of on-street parking spaces, or when there is a high volume of right-turning vehicles. Thus, a series of adjustment factors that can be added to the model have been developed for each of these scenarios (see table 1). These factors were developed based on the theory that the conditions shown to the survey participants represented worst-case scenarios and, subsequently, the increase in the overall mean comfort level rating represented the maximum adjustment that would be required.

It should be noted that one variable not included in the development of the BCI model was the grade of the roadway. Results from a preliminary effort showed that changes in grade of 2 percent or less were not distinguishable on the video. The advantages of using video, including not exposing bicyclists to high-risk conditions, incorporating a much larger sample of sites, and controlling specific variables to ensure all subjects were exposed to identical conditions, were believed to outweigh the absence of this one variable. It is also believed that the variables having the most significant effect on the bicycle compatibility of a roadway have been included in the BCI model. Specifically, the variables of width, speed, volume, and on-street parking were shown to have the greatest impact on the index. At this time, the impact of grade relative to these and the other significant variables included in the model is unknown but may be determined in future research efforts.

Once the BCI model was developed, bicycle level of service (LOS) criteria were established based on the results of applying the model to the sites included in this study. Currently, there are no bicycle LOS criteria provided in the *Highway Capacity Manual*.⁵ However, the definition of LOS according to the manual is founded on the concept of users' perceptions of qualitative measures that characterize the operational conditions of the roadway. Two of the terms used in the manual to describe LOS are comfort/convenience and freedom to maneuver. Both of these terms are applicable to bicyclists and are directly reflected in the BCI since the rating scale used by the study participants was an indication of comfort level.

Table 2. Bicycle Compatibility Index (BCI) ranges associated with level of service (LOS) designations and compatibility level qualifiers.

LOS	BCI Range	Compatibility Level ¹
A	≤ 1.50	Extremely High
B	1.51 - 2.30	Very High
C	2.31 - 3.40	Moderately High
D	3.41 - 4.40	Moderately Low
E	4.41 - 5.30	Very Low
F	> 5.30	Extremely Low

¹ Qualifiers for compatibility level pertain to the average adult bicyclist.

Thus, using the distribution of BCI values produced from the representative set of locations included in this study, LOS designations were established for LOS A through LOS F as shown in table 2. LOS A (represented by an index ≤ 1.50) indicates that a roadway is extremely compatible (or comfortable) for the average adult bicyclist while LOS F (represented by an index > 5.30) is an indicator that the roadway is extremely incompatible (or uncomfortable) for the average adult bicyclist.

In developing the BCI model, several other issues were addressed, including the effect of bicycling experience level on perceived comfort levels. Using the results from a questionnaire completed by the participants, the bicyclists were stratified into three groups based on their riding habits, such as number of bicycle trips per week and types of facilities used (e.g., major roadways vs. bicycle paths). A comparison of the comfort level ratings of these three groups showed that **casual recreational** bicyclists were generally less comfortable across all sites than **experienced recreational** or **experienced commuter** bicyclists. As a result of these differences, separate BCI models were produced for each of the three groups in addition to the model for **all** bicyclists. However, in real-world applications, it is most likely that bicyclists of all experience levels will have the opportunity to ride on any given segment of roadway. Thus, it is recommended that the BCI model developed for all bicyclists and shown in table 1 be used without modification for most applications. **It is important to note that the LOS designations shown in table 2 were developed on the basis of this model, and thus are only applicable to results produced with the "all bicyclists" model.**

Notwithstanding, when the practitioner knows that the large majority of riders are indeed casual bicyclists, the approach that should be used to ensure that facilities meet the desired comfort levels of this group is to simply design for a higher level of service. The results of the research showed that the model developed for the **casual** bicyclist, on average, produced BCI values that were 0.14 to 0.38 greater than those produced by **all** bicyclists. The differences in BCI values between LOS designations are, on average, 1.0 (see table 2). By designing for a higher LOS (e.g., LOS B rather than LOS C) on a facility known to attract a high number of casual bicyclists, the necessary comfort level for this group of bicyclists can be achieved with the BCI model as it is currently developed. **Note that where casual bicyclists are expected, the facility should always be designed at LOS C or better.**

Appendix G: Public
Involvement Findings



PUBLIC INVOLVEMENT FINDINGS

The development of the Parks of the Future Plan has relied heavily on public input and involvement. Community participation and feedback contributes to the overall success of the Plan.

Phase II of the plan development process involved significant outreach to the community through a series of public involvement efforts, including a community web and paper-based questionnaire, a statistically valid telephone survey, several community intercept events at Sunnyvale public gatherings and festivals, four focus group meetings with a wide-range of park users and enthusiasts, and email correspondence from community members that were received through the planning project website. During Phase III, the project team held Community Workshops which elicited additional public input. Through these forums, community members identified major park and recreation needs and priorities, and also commented on draft recommendations.

This Appendix to the Parks of Future Plan includes public involvement findings from the following public outreach events:

- **Telephone Survey Summary**

A random-digit dial, statistically valid survey was administered in November 2007 by a public opinion research firm, Godbe Research. More than 400 Sunnyvale residents aged 18 and older participated in the survey. The survey was designed to solicit Sunnyvale residents' preferences and priorities for parks and recreation facilities in Sunnyvale. The feedback obtained through the various public outreach efforts is used to interpret the demand for parks, facilities, and programs.

- **Community Web Summary**

Administered through the Parks of the Future website and print copies located at parks facilities throughout Sunnyvale, the web questionnaire was designed specifically for adults to collect information on parks and program usage, program and facility needs, and priorities.

The questionnaire was available online from January- February 2008. Hard copies were made available at various Department facilities during early 2008.

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SUNNYVALE PARKS OF THE FUTURE PLAN

Responses to the paper questionnaire were combined with the overall survey results. The questions were closely modeled after the statistically valid phone survey (described previously), providing an additional opportunity for Sunnyvale residents to give input to the Parks of the Future planning efforts. Surveys were made available in Spanish and Mandarin, but less than 5 were completed in either language. Results from these surveys were included in the overall findings.

- **Focus Group Summary**

Four focus groups were conducted in March 2008 with members of key stakeholder groups in Sunnyvale. These meetings and their number of participants (noted in parentheses) are included: Arts and Cultural Institutions (4), Neighborhood Associations (7), Youth and Adult Sports Groups (22) and General Stakeholders (6). Each group answered questions and voiced their opinions regarding park and recreation issues, current needs, their future vision for the parks system, and critical partners who can help achieve that vision.

- **Intercept Event Survey Summary**

Three intercept events were held in Sunnyvale during the Parks of the Future Planning process. MIG staff administered a survey at the fall 2007 Pancake Breakfast. Sunnyvale Park and Recreation Staff administered surveys at the 2008 Health and Safety Fair, and Sunnyvale Hands on the Arts event. These events allowed residents to identify park and facility priorities as well strengths and weaknesses of the current system.

- **Community Workshop Result Summaries**

Two community workshops were held, on July 24, 2008 and on September 18, 2008. On July 24, participants had the opportunity to review draft recommendations and strategies for parks and recreation in the City of Sunnyvale. Community members provided feedback on the draft vision, strategic direction, values, system-wide recommendations, and park-by-park needs. On September 18, participants had the opportunity to provide input on financing options and development priorities.

- **Town Square Input Summary**

Members of the public were invited to submit open comments regarding any issue through the project's website, www.parksofthefuture.com. Thirty comments were received on a wide variety of subjects.



GODBE RESEARCH
Gain Insight

2007 PARKS AND RECREATION SURVEY

Presented to the City of Sunnyvale

Final Report

February 2008

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

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City of Sunnyvale: 2007 Parks and Recreation Survey

Overview and Research Objectives

The City of Sunnyvale commissioned Godbe Research to conduct a survey to gather resident opinion on a number of issues relating to local parks and recreation programs and services. The *Research Objectives* are to:

- Identify the top leisure activities that Sunnyvale residents engage in;
- Prioritize the recreational facilities for future planning based on resident-perceived importance and participation in various sports or activities and usage of local parks and sites or facilities for recreation;
- Learn respondent views on existing and potential sports and recreational facilities in the City;
- Identify differences in opinions due to demographic characteristics.

This report begins with an *Executive Summary*, which includes a summary of key findings from the survey, as well as conclusions and recommendations.

The *Key Findings* section offers a question-by-question analysis of the survey. The discussion is organized into the following sections:

- Top Leisure Activities
- Important Sports and Recreation
- Important Recreational Facilities
- Important Recreational Programs
- Participation in Sports and Recreation
- Use of Recreational Facilities
- Participation in Recreational Programs
- Importance Usage Matrix
- Reasons for Non-Participation
- Additional Important Program or Facility
- Need for 9-Hole Golf Course
- Support for Redevelopment of the 9-Hole Golf Course
- Support for Teen Center
- Support for Sports Complex
- Preferred Information Sources

Appendix A presents *Additional Respondent Information*.

Appendix B includes a detailed *Research Methodology*, which explains the methods and procedures used to conduct this research. This section also includes a guide on how to interpret the detailed crosstabulation tables presented in Appendix E.

Appendix C provides the *Topline Report* with overall survey results.

Appendix D presents the complete *Questionnaire* used for the study.

Appendix E presents the complete *Crosstabulation Tables*.

Methodology Overview		GODBE RESEARCH Gain Insight
➤ Data Collection	Telephone Interviewing	
➤ Universe	104,479 Adult residents in the City of Sunnyvale	
➤ Fielding Dates	November 27 to December 4, 2007	
➤ Interview Length	16 minutes	
➤ Sample Size	407	
➤ Margin of Error	± 4.8%	

Survey Methodology

A total of 407 respondents completed the survey representing a total universe of approximately 104,479 adult residents in the City of Sunnyvale, producing a margin of error of plus or minus 4.8 percent. Interviews were conducted from November 27 through December 3, 2007, and the average interview lasted 16 minutes. Three interviews were conducted in Spanish, and seven in Mandarin.

Sample & Weighting

The respondents for this study were selected using random digit dialing (RDD), which randomly selects phone numbers from the active residential phone exchanges within the area of the study. Interviewers first asked potential respondents a series of questions referred to as "Screeners," which were used to ensure that the person lived in the City of Sunnyvale and was at least 18 years old. Another screener was used to correct one of the inherent tendencies of the RDD method to oversample older residents and women, because they are often more likely to be at home during the early evening or on the weekend and also are more likely to answer the telephone. In order to correct this bias, interviewers asked to speak to the youngest adult male currently available in the household. If an adult male was not available at the time of the call, the interviewer asked to speak to the youngest adult female available.

Once collected, the data were compared with the 2006 U.S. Census Estimates to examine possible differences between the sample and the population of adult residents in the City on major demographic variables. After examining the demographic characteristics, the data were weighted by gender, age, and ethnicity to mirror the characteristics of the adult population in the City.

Randomization of Questions

To avoid the problem of systematic position bias – where the order in which a series of questions is asked could systematically influence the answers – several questions in this survey were randomized such that respondents were not consistently asked the questions in the same order. The series of items in Questions 2, 3, 4, 5, 6, and 7 were randomized to avoid such systematic position bias.



This section of the report presents a summary of important findings from the 2007 parks and recreation survey.

Executive Summary I

GODBE RESEARCH
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- **Top Leisure Activities**
 - 38% - Active outdoor sports or recreational activities
- **Important Sports or Recreational Activities**
 - 93% - Walking or hiking
 - 81% - Swimming
 - 80% - Biking
- **Important Recreational Facilities or Sites**
 - 94% - Open space parks
 - 87% - Children's play areas
- **Important Recreational Programs or Classes**
 - 92% - Health and fitness programs
 - 80% - Programs for the physically or mentally challenged
 - 84% - Adult programs

Based on the objectives of this study, Godbe Research is pleased to offer the following summary of findings and recommendations to the City of Sunnyvale Parks and Recreation Department.

Top Leisure Activities

Overall, "Active outdoor sports and recreational activities" (38%) was identified as the top leisure activity by the Sunnyvale residents. Fewer than 15 percent of the residents in the survey cited "Outdoor social gatherings" (13%), "Movies" (12%), and "Reading" (11%) as their favorite past-time activities. Substantially more of the men and the respondents having children at home mentioned active outdoor sports as their favorite leisure activity.

Important Sports or Recreational Activities

At least 80 percent of the surveyed residents thought that "Walking or hiking" (93%), "Swimming" (81%), and "Biking" (80%) were important to them. To a lesser extent, "Jogging" (72%) and "Soccer" (66%) were identified as the next most important sports or recreational activities for the Sunnyvale residents. In terms of subgroup differences, the top recreational activities were more important to the younger residents than to those over the age of 60. In addition to this, walking or hiking was more important to the women, while swimming was more important to the Asian residents.

Important Recreational Facilities or Sites

The facilities or sites for recreation that were of highest importance to the Sunnyvale residents include "Open space parks, such as Baylands Park" (94%) and "Children's play areas" (87%). Looking at subgroup differences, children's play areas were more important to the residents between the ages of 18 and 44 years, of Hispanic or Asian descent, having children at home, and residing in the zip code 94085.

Important Recreational Programs or Classes

When asked to rate the importance of various recreational programs and classes, "Health and fitness programs" (92%), "Adult programs" (84%), and "Programs for community members with physical or mental challenges" (80%) emerged as the top responses. Of these, the younger age groups (18 to 44 years) attributed higher importance to health and fitness programs, whereas the other two programs were more important to the residents of Hispanic descent and to those living in the zip code 94085.



Executive Summary II

GODBE RESEARCH
Gain Insight

- Sports and Recreational Activities with Most Frequent Participation
 - 88% - Walking or hiking
 - 62% - Biking
 - 61% - Swimming
- Most Frequently Used Recreational Facilities or Sites
 - 79% - Open space parks
 - 67% - Trails
 - 60% - Outdoor sports fields
- Most Frequently Used Recreational Programs or Classes
 - 44% - Health and fitness programs
 - 31% - Adult programs
 - 30% - Sports leagues
- 3% Non-usage of City's recreational facilities or programs

Sports and Recreational Activities with Most Frequent Participation

The frequency of participation in a sport or recreational activity has a direct relationship to its perceived importance. Therefore, not surprisingly, the most important activities, "Walking or hiking," "Biking," and "Swimming" were also the activities in which more than 60 percent of the respondents reported participating at least a few times a year. The residents younger than 45 reported higher participation in biking, and those between the ages of 18 and 59 years participated more frequently in swimming. At least two of these activities had reportedly higher participation by the Asian respondents and by those having children at home.

Most Frequently Used Recreational Facilities or Sites

Similar to the sports and recreational activities, the most important facility, "Open space parks," was also the one of which Sunnyvale residents reported the most frequent usage (79% at least a few times a year). In addition to this, "Trails" (67%) and "Outdoor sports fields" (60%) were the other two frequently used facilities. With reference to subgroup differences, at least one of the top three recreational facilities or sites were used more frequently by the men, the respondents younger than 60 years old, having children at home, and of Hispanic or Asian descent.

Most Frequently Used Recreational Programs or Classes

Overall, each of the 14 recreational programs and classes tested garnered relatively low participation ratings. The relatively more frequently used programs were "Health and fitness programs" (44% at least a few times a year), "Sports leagues" (30%), and "Adult programs" (31%). With regard to participation, health and fitness programs were used by Asian respondents more frequently than their Caucasian counterparts. Otherwise, those of Hispanic descent, and having children at home participated in sports leagues more often. Similarly, both health and fitness programs and sports leagues were used more frequently by the respondents between the ages of 18 and 29 years.

Non-Usage of City's Recreational Facilities or Programs

Only about three percent of the residents (n = 11) surveyed did not participate in any of the tested recreational facilities or programs offered by the City of Sunnyvale.

The image is a screenshot of a presentation slide. The title is 'Executive Summary III' in yellow text on a dark blue background. In the top right corner, there is a logo for 'GODBE RESEARCH' with the tagline 'Gain Insight'. The main content of the slide is a bulleted list in white text on a dark blue background. The list is organized into two main sections, each preceded by a yellow arrowhead. The first section is 'Other Important Sports and Recreational Facilities or Programs' and includes three sub-points: '28% - Nothing', '17% - Walking or hiking trails', and '10% - Swimming pools'. The second section is 'Top Priorities for Planning Efforts' and includes three sub-points: 'Sports and recreational activities – Walking or hiking, swimming, jogging, and biking', 'Parks and recreational facilities – Open space parks, picnic areas, outdoor sports fields, trails, and swimming pools', and 'Recreational programs or classes – Health and fitness programs, adult programs, music classes, sports leagues, youth programs, arts and craft classes, and aquatics classes'.

Other Important Sports and Recreational Facilities or Programs

When the respondents were asked to name other facilities or programs that were important to their household, 28 percent did not make any suggestions. Some respondents reiterated the importance of “Walking or hiking trails” (17%) and “Swimming pools” (10%).

Top Priorities for Planning Efforts

From the matrix plotting the importance of various sports, recreational activities, facilities, and programs and the usage reported for each one of them, several areas emerged as potential priorities for maintenance and improvements. These recommendations are based strictly on the survey analysis, and Godbe Research recognizes that other factors come into play in the Department’s planning efforts.

The sports and recreational activities that were rated relatively high in importance as well as usage are: walking or hiking, swimming, biking, and jogging.

With respect to recreational facilities or sites, the top priorities for planning according to the survey analysis are open space parks, picnic areas, outdoor sports fields, trails, and swimming pools.

Finally, the recreational programs and classes identified as potential areas for improvement and maintenance include health and fitness programs, youth and adult programs, sports leagues, and music, arts and craft, and aquatics classes.

Executive Summary IV

GODBE RESEARCH
Gain Insight

- Conversion of the 9-Hole Golf Course
 - 55% Thought the 9-hole course was not needed after conversion of the 18-hole course into a full-service golfing facility
 - 70% Support for the conversion of the 9-hole golf course into a multi-purpose facility with sports fields and teen center
- 67% Support for development of a free standing teen center
- 65% Support for a large, multi-use sports complex
- Preferred Sources for Parks and Recreation Information
 - 25% - City's website
 - 24% - Newspapers
 - 16% - City's activity guide

Potential Sports and Recreational Development Projects

When provided with information about the two golf courses in Sunnyvale, more than half of the respondents (55%) thought that a separate 9-hole golf course was not necessary if the 18-hole golf course were converted into a full-service golfing facility with the necessary amenities for training and warm-up purposes. Among these respondents, 70 percent were supportive of the conversion of the 9-hole golf course into a multipurpose facility with baseball and soccer ball fields, and a teen center. The residents between the age of 30 and 44, of Hispanic descent, and living in the zip code 94085 supported the development of the multipurpose facility for recreation.

Two-thirds of the surveyed residents (67%) were in support of the development of a free-standing teen center, rather than sharing space with other community uses. The support was especially stronger among the 30-to-44-year-old residents, of Hispanic descent, and living in the zip code 94085.

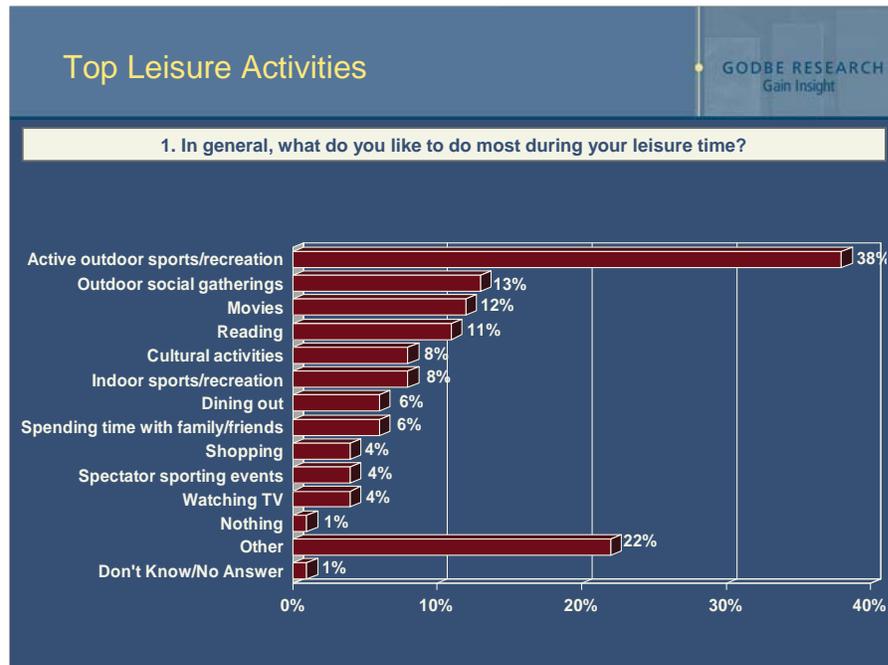
Likewise, 65 percent indicated their support for the development of a large, multi-use sports complex with baseball and soccer ball fields. In terms of subgroup differences, those between the age of 30 and 44, of Hispanic or Asian descent, and having children at home were more supportive of the multi-use sport complex.

Preferred Sources for Parks and Recreation Information

Finally, the sources that Sunnyvale residents referred to most often for getting information about parks and recreation in the City were "City's website" (25%), "Newspapers" (24%), and "City's Activity Guide" (16%). Substantially more of those younger than 60 years and of Asian descent used the City's website to get information about local parks and recreation. On the other hand, the Caucasian and Hispanic residents along with those not having children at home used newspapers to get this information, while the women used the City's activity guide for this purpose. Additionally, the residents of zip code 94089 used the City's activity guide as well as the newspapers for obtaining information about local parks and recreation services.



The Key Findings section of the report offers a question-by-question analysis of the survey, along with the differences in results observed across important respondent subgroups.



With the first substantive question in the survey, the respondents were asked to indicate what they like to do the most during their leisure time. This question was designed to gauge what Sunnyvale residents like to do in their own words (i.e., not prompted with multiple choices), and where the City's parks and recreational facilities and programs might fit into these residents' lifestyle and serve their most important past-times.

As shown in the chart above, 38 percent of the respondents stated that they liked "Active outdoor sports or recreational activities." A few of the other leisure activities mentioned by the respondents were "Outdoors social gatherings like picnicking or barbequing" (13%), "Movies" (12%), and "Reading" (11%). Another eight percent of the survey respondents cited "Cultural activities, like theater, musical or art performances" and "Indoor sports or recreational activities" as their favorite past-time activities.

Of particular relevance to the City of Sunnyvale Parks and Recreation Department, the priorities for planning could be facilities related to a few of the top past-time activities like active outdoor sports or recreation, outdoor social gatherings, cultural activities, and indoor sports or recreational activities.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

		Gender		Age				Children in the Household	
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older	Yes	No
Total		212	195	80	148	102	71	183	222
Active outdoor sports or recreational activities		43.6%	31.1%	44.6%	38.0%	34.1%	34.2%	42.8%	33.0%
Outdoor social gatherings, like picnicking or barbequing		10.1%	15.4%	10.0%	13.9%	13.6%	12.7%	13.4%	12.1%
Movies		10.4%	14.6%	16.4%	12.3%	11.4%	9.5%	9.3%	14.8%
Reading		6.4%	15.5%	7.3%	10.4%	13.0%	11.7%	6.6%	14.2%
Cultural activities, like theater, musical or art performances		7.8%	8.0%	3.0%	5.4%	9.7%	15.2%	4.3%	10.9%
Indoor sports or recreational activities		6.2%	9.0%	4.1%	5.2%	13.9%	7.4%	5.9%	9.0%

In addition to looking at the overall results for a particular question, it is also useful to examine the responses given by the participants from different demographic and behavioral groups. Throughout this report, the segmentation cuts in which the City of Sunnyvale is particularly interested are included, with statistically significant differences in any segment called out. For percentages and means broken down by other segments not explicitly discussed in this detailed portion of the report, please see Appendix E.

Gender

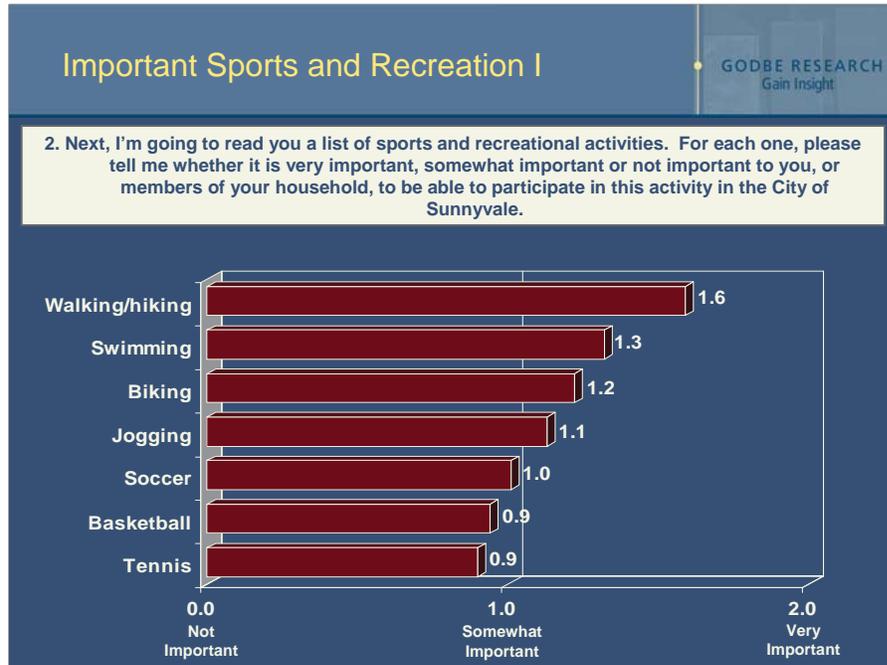
A significantly higher percentage of the men cited “Active outdoor sports or recreational activities” as their favorite past-time activities, while a higher percentage of the women liked “Reading” during their leisure time.

Age

“Cultural activities, like theater, musical or art performances” was a favorite leisure activity for a higher percentage of the 60-years-and-older residents than for the 18-to-29-year-old respondents.

Children in the Household

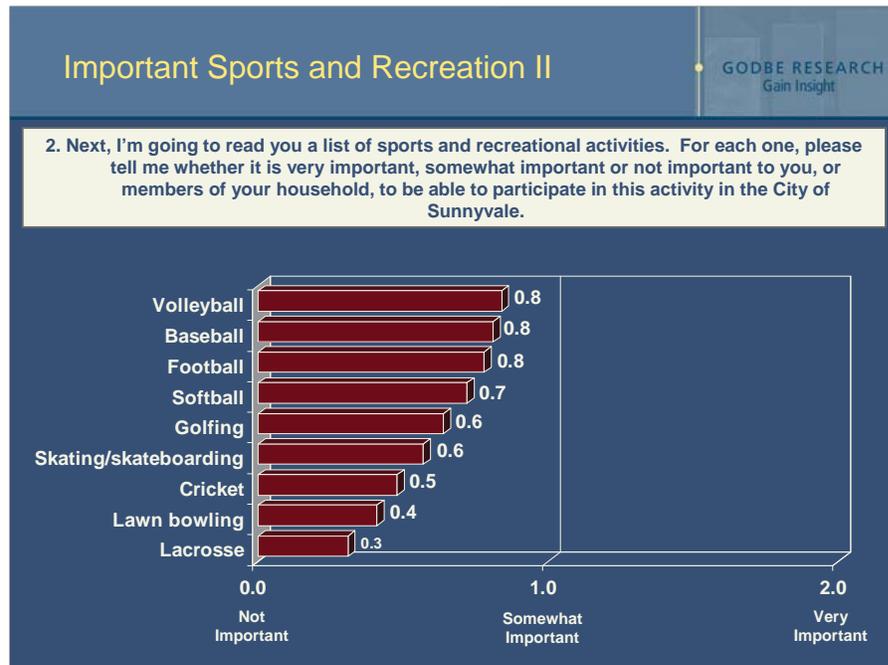
A higher percentage of those having children at home liked “Active outdoor sports and recreational activities,” whereas more of those not having children at home liked “Reading” and “Cultural activities, like theater, musical or art performances.”



With the next question in the survey, the respondents were given a list of 16 specific sports and recreational activities and were asked to rate the importance of each sport or recreational activity to them or to the members of their household. The responses to this question were recoded such that mean scores could be calculated (“Very Important” = +2, “Somewhat Important” = +1, “Not Important” = 0).

The chart above shows that five of the 16 sports and recreational activities tested were rated as at least “Somewhat Important” by the residents of Sunnyvale. In particular, the average respondent attributed the highest importance to “Walking or hiking,” with a mean score of 1.6. Following this, “Swimming” (1.3), “Biking” (1.2), and “Jogging” (1.1) were rated next in the order of importance. To a lesser extent, active sports like “Soccer” (1.0), “Basketball” (0.9), and “Tennis” (0.9) were also considered as somewhat important by the Sunnyvale residents.

To put these mean scores into perspective, the percentage breakdown for one of the most important recreational activities, “Walking or hiking,” was 65 percent “Very Important,” 28 percent “Somewhat Important,” seven percent “Not Important,” and one percent “Don’t Know/No Answer.”



Outside of the top tier of important sports, activities like volleyball, baseball, and football ranked relatively low in importance, each with a mean score of 0.8. Finally, the sports identified as the least important to the Sunnyvale residents include “Cricket” (0.5), “Lawn bowling” (0.4), and “Lacrosse” (0.3).

Again, to put these mean scores into perspective, the percentage breakdown for the least important sport, “Lacrosse,” was six percent “Very Important,” 19 percent “Somewhat Important,” 71 percent “Not Important,” and four percent “Don’t Know/No Answer.”

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

		Gender		Age			
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older
2I. Walking or hiking		1.5	1.7	1.6	1.6	1.7	1.4
2H. Swimming		1.3	1.4	1.4	1.6	1.3	0.9
2K. Biking		1.3	1.2	1.2	1.4	1.3	0.8
2J. Jogging		1.1	1.1	1.4	1.3	1.0	0.7
2F. Soccer		1.0	1.0	1.3	1.1	0.9	0.6
2B. Basketball		0.9	1.0	1.1	1.0	0.9	0.7
2A. Tennis		0.9	0.9	1.1	1.0	0.9	0.5

		Ethnicity				Children in the Household	
		Caucasian	Hispanic	Asian	Other	Yes	No
2I. Walking or hiking		1.6	1.6	1.6	1.4	1.6	1.6
2H. Swimming		1.2	1.4	1.5	1.2	1.6	1.1
2K. Biking		1.2	1.3	1.2	1.2	1.3	1.1
2J. Jogging		0.9	1.4	1.4	1.0	1.3	1.0
2F. Soccer		0.9	1.6	1.0	1.0	1.3	0.8
2B. Basketball		0.8	1.3	1.0	1.1	1.2	0.7
2A. Tennis		0.6	0.9	1.2	0.8	1.1	0.8

Gender

“Walking or hiking” was more important to the female respondents than to their male counterparts.

Age

Each of the top seven activities were more important to the younger residents than to those over the age of 60 years. In particular, the 44-to-59-year-old respondents attributed more importance to “Walking or hiking,” while biking, jogging, tennis, and swimming were more important to those younger than 60 years old. Similarly, “Basketball” was more important to the 18-to-29-year-old residents and “Soccer” was more important to the 18-to-44-year-old respondents.

Ethnicity

Overall, the Asian residents attributed more importance to swimming, tennis, and jogging than the Caucasian residents. On the other hand, active sports like soccer and basketball were more important to the Hispanic residents than to their Caucasian and Asian counterparts.

Children in the Household

All the top seven activities except for walking or hiking were significantly more important to the respondents having children at home.



Following the list of sports and recreational activities, the respondents were read a list of local facilities and sites for recreation, and were asked to rate the importance of each to their household. Here again, the responses were recoded to compute mean scores ("Very Important" = +2, "Somewhat Important" = +1, and "Not Important" = 0).

As illustrated in the chart above, "Open space parks, such as the Baylands Park" and "Children's play areas" emerged as the most important recreational facilities or sites to Sunnyvale residents, with mean scores of 1.7 and 1.6, respectively. Next in the order of importance were "Picnic areas," "Outdoor sports fields," "Community recreation center," "Swimming pools," and "Trails," each with a mean score of 1.5.

To gain a better perspective of these mean scores, the most important recreational facility or site, "Open space parks, such as Baylands Park" was rated as "Very Important" by 73 percent, "Somewhat Important" by 21 percent, and "Not Important" by five percent of the respondents.



In contrast to the most important recreational facilities and sites, “Community theater” (1.1), “Community meeting rooms” (1.1), “Tennis courts” (1.1), “Skate parks” (1.0), and “Golf courses” (0.8) garnered the lowest importance ratings.

In terms of percentages, the least important recreational facility or site, “Golf courses” was rated as “Very Important” by 22 percent, “Somewhat Important” by 30 percent, and “Not Important” by 47 percent of the respondents.

		Gender		Age			
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older
3H. Open space parks		1.7	1.7	1.7	1.7	1.7	1.5
3L. Children's play areas		1.6	1.6	1.7	1.7	1.4	1.2
3J. Picnic areas		1.5	1.5	1.5	1.6	1.4	1.2
3G. Outdoor sports fields		1.4	1.5	1.6	1.6	1.4	1.2
3Q. Community recreation center		1.4	1.6	1.5	1.5	1.5	1.3
3E. Swimming pools		1.4	1.5	1.5	1.5	1.4	1.2
3K. Trails		1.4	1.5	1.5	1.5	1.6	1.2

		Ethnicity			
		Caucasian	Hispanic	Asian	Other
3H. Open space parks		1.7	1.6	1.7	1.6
3L. Children's play areas		1.4	1.7	1.7	1.7
3J. Picnic areas		1.4	1.5	1.5	1.5
3G. Outdoor sports fields		1.3	1.7	1.6	1.4
3Q. Community recreation center		1.4	1.5	1.5	1.5
3E. Swimming pools		1.3	1.6	1.6	1.4
3K. Trails		1.5	1.4	1.5	1.4

Gender

When compared to the men, the women in the survey attributed more importance to “Community recreation center.”

Age

Similar to the importance of sports and recreational activities, most of the top facilities and sites for recreation were significantly more important to the younger residents than to those over the age of 60 years. More specifically, facilities like children’s play areas, outdoor sports fields, and swimming pools were more important to the 18-to-44-year-old residents. Similarly, the 30-to-59-year-old residents found trails to be more important, while picnic areas were more important to those between the age of 30 and 44 years.

Ethnicity

When compared to the Caucasian residents, the Asians and Hispanics gave higher importance ratings to “Children’s play areas” and “Outdoor sports fields.” Additionally, “Swimming pools” were more important to the Asian than to the Caucasian residents.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

Important Recreational Facilities
Difference in Subgroups II

GODBE RESEARCH
Gain Insight

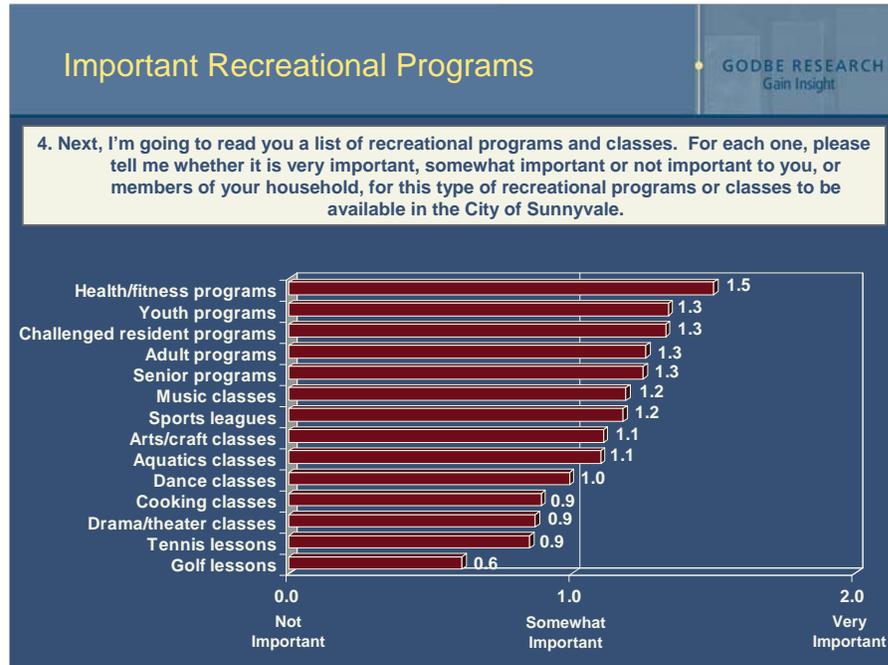
	Children in the Household		Zip Code of Residence			
	Yes	No	94085	94086	94087	94089
3H. Open space parks	1.7	1.7	1.7	1.6	1.7	1.7
3L. Children's play areas	1.8	1.4	1.8	1.5	1.6	1.4
3J. Picnic areas	1.6	1.4	1.7	1.4	1.4	1.5
3G. Outdoor sports fields	1.6	1.3	1.6	1.5	1.5	1.4
3Q. Community recreation center	1.5	1.4	1.6	1.4	1.5	1.4
3E. Swimming pools	1.6	1.3	1.7	1.5	1.4	1.4
3K. Trails	1.5	1.4	1.5	1.4	1.5	1.5

Children in the Household

Recreational facilities like children's play areas, picnic areas, outdoor sports fields, community recreation center, and swimming pools were significantly more important to those with children at home than to those who do not.

Zip code of Residence

The residents of 94085 attributed more importance to swimming pools, children's play areas, and community recreation center, when compared to those residing in the zip codes 94086, 94087, and 94089, respectively.



The next question in the survey was designed to gauge the importance Sunnyvale residents attributed to various recreational programs and classes in the City. The responses were coded to calculate the mean importance score for each program or class tested (“Very Important” = +2, “Somewhat Important” = +1, and “Not Important” = 0).

Overall, Sunnyvale residents attributed at least some importance to two-thirds of the recreational programs and classes tested. Of these, “Health and fitness programs” emerged as the most important recreational program to Sunnyvale residents (1.5), followed by programs for the youth, adults, seniors, and physically or mentally challenged community members, each with a mean score of 1.3. In the third tier of important recreational programs were items such as “Music classes” (1.2), “Sports leagues” (1.1), “Arts or craft classes” (1.1), “Aquatics classes” (1.1), and “Dance classes” (1.0). As opposed to these programs, “Golf lessons” garnered the lowest importance ratings (0.6).

To put these mean scores into perspective, the most important “Health and fitness programs” were rated as “Very Important” by 58 percent of the respondents, “Somewhat Important” by 34 percent, and “Not Important” by eight percent. By contrast, the percentage breakdown for the least important “Golf lessons” was thirteen percent “Very Important,” 36 percent “Somewhat Important,” 51 percent “Not Important,” and one percent “Don’t Know/No Answer.”

		Gender		Age			
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older
4H. Health and fitness programs		1.4	1.6	1.6	1.6	1.4	1.2
4F. Youth programs		1.2	1.4	1.4	1.4	1.3	1.2
4N. Programs for physically or mentally challenged		1.2	1.5	1.5	1.3	1.3	1.3
4G. Adult programs		1.1	1.4	1.3	1.2	1.3	1.3
4E. Senior programs		1.1	1.4	1.2	1.1	1.3	1.5
4D. Music classes		1.1	1.2	1.3	1.3	1.1	1.0
4I. Sports leagues		1.1	1.3	1.3	1.4	1.1	0.8

Gender

The women respondents attributed more importance to health and fitness programs and to programs for youth, adults, seniors, and community members with physical or mental challenges.

Age

“Health and fitness programs” and “Sports leagues” were significantly more important to the 18-to-44-year-old than to the 60-years-and-older residents. As opposed to this, “Senior programs” were of more importance to the 60-years-and-older residents than to those between the ages of 18 and 44 years. In addition to this, the 30-to-44-year-old residents gave higher importance ratings to “Music classes” than the oldest age group.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

Important Recreational Programs Difference in Subgroups II					GODBE RESEARCH Gain Insight	
	Ethnicity				Children in the Household	
	Caucasian	Hispanic	Asian	Other	Yes	No
4H. Health and fitness programs	1.3	1.7	1.6	1.4	1.6	1.4
4F. Youth programs	1.3	1.6	1.3	1.5	1.5	1.2
4N. Programs for physically or mentally challenged	1.3	1.7	1.3	1.3	1.3	1.3
4G. Adult programs	1.2	1.7	1.2	1.2	1.2	1.3
4E. Senior programs	1.2	1.6	1.2	1.2	1.2	1.3
4D. Music classes	1.1	1.4	1.3	1.2	1.3	1.1
4I. Sports leagues	1.1	1.7	1.1	1.1	1.4	1.0

	Zip Code of Residence			
	94085	94086	94087	94089
4H. Health and fitness programs	1.6	1.4	1.5	1.5
4F. Youth programs	1.4	1.4	1.3	1.3
4N. Programs for physically or mentally challenged	1.6	1.2	1.4	1.2
4G. Adult programs	1.4	1.1	1.3	1.3
4E. Senior programs	1.4	1.2	1.2	1.2
4D. Music classes	1.4	1.3	1.1	1.0
4I. Sports leagues	1.4	1.1	1.1	1.2

Ethnicity

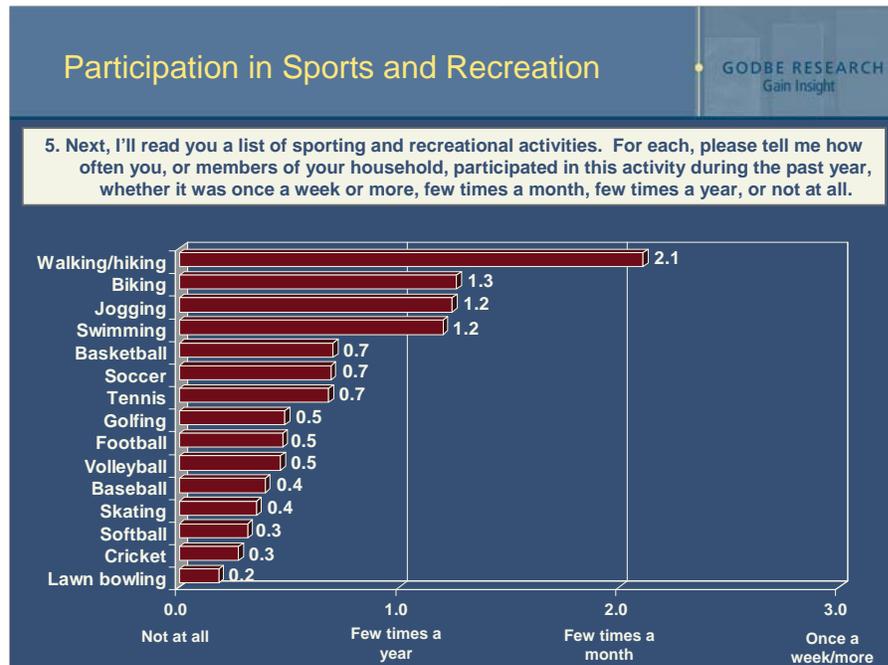
When compared to the Asian and Caucasian residents, those of Hispanic descent attributed more importance to sports leagues and programs for youth, adults, seniors, and for community members with physical or mental challenges. In addition to this, “Health and fitness programs” and “Music classes” were more important to Asian and Hispanic residents than to their Caucasian counterparts.

Children in the Household

Of the top seven items, music classes, youth programs, health and fitness programs, and sports leagues were more important to the residents having children at home.

Zip Code of Residence

The arts and craft classes were more important to the residents of 94085 than 94089. Likewise, adult programs and programs for community members with physical or mental challenges were more important to the residents of 94085 than 94086.



After identifying the importance, the survey respondents were presented with a list of the same 16 sports and recreational activities asked in Q2 and were asked to indicate the frequency at which they or members of their household participated in each activity. The responses to this question were recoded to compute mean scores: "Once a week or more" = +3, "Few times a month" = +2, "Few times a year" = +1, and "Not at all" = 0.

On average, Sunnyvale residents reported the most frequent participation in "Walking or hiking," with a mean score of 2.1. A few of the other sports and recreational activities in which the residents participated at least a few times a year were, "Biking" (1.3), "Jogging" (1.2), and "Swimming" (1.2). Active sports like basketball, soccer, and tennis garnered a mean participation rating of 0.7 (close to few times a year). On the other hand, the sports and activities in which the Sunnyvale residents reported the least participation include "Softball" (0.3), "Cricket" (0.3), and "Lawn bowling" (0.2).

To put these mean scores into perspective, the percentage breakdown for participation in the top activity "Walking or hiking" was 49 percent "Once a week or more," 25 percent "Few times a month," 14 percent "Few times a year," and twelve percent "Not at all." By contrast, the participation in the least popular activity, "Lawn bowling" was one percent "Once a week or more," three percent "Few times a month," nine percent "Few times a year," and 86 percent "Not at all." About one percent of the respondents did not know or did not provide any answer.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

Participation in Sports and Recreation Difference in Subgroups					GODBE RESEARCH Gain Insight	
	Age				Children in the Household	
	18 to 29	30 to 44	45 to 59	60 or older	Yes	No
5I. Walking or hiking	2.2	2.2	2.1	1.9	2.1	2.2
5K. Biking	1.3	1.6	1.2	0.6	1.4	1.1
5J. Jogging	1.9	1.5	0.9	0.5	1.5	1.1
5H. Swimming	1.4	1.5	0.9	0.8	1.5	0.9
5F. Soccer	1.1	0.9	0.4	0.2	1.1	0.3
5B. Basketball	1.1	0.8	0.6	0.2	1.0	0.5
5A. Tennis	1.0	0.9	0.5	0.2	0.9	0.5

	Ethnicity			
	Caucasian	Hispanic	Asian	Other
5I. Walking or hiking	2.1	1.8	2.2	2.1
5K. Biking	1.2	1.2	1.4	1.2
5J. Jogging	0.8	1.4	1.7	1.2
5H. Swimming	0.9	1.0	1.6	1.2
5F. Soccer	0.4	1.2	0.9	0.7
5B. Basketball	0.5	1.1	0.8	0.8
5A. Tennis	0.4	0.5	1.1	0.7

Age

When compared to the 45-years-and-older respondents, those in the younger age groups reported more frequent participation in tennis, basketball, soccer, swimming, and jogging. Similarly, those between the ages of 18 and 59 years did biking more frequently than the 60-years-and-older residents.

Ethnicity

Overall, either Asian or Hispanic residents reported more frequent participation in six of the top sports and recreational activities. In particular, Hispanic and Asian residents participated more frequently in jogging and soccer, while Hispanics reported a more frequent participation in basketball. In addition to this, swimming and tennis were more popular among Asians than among those of Caucasian and Hispanic descent. Likewise, the Asian residents also participated more frequently in walking or hiking than their Hispanic counterparts.

Children in the Household

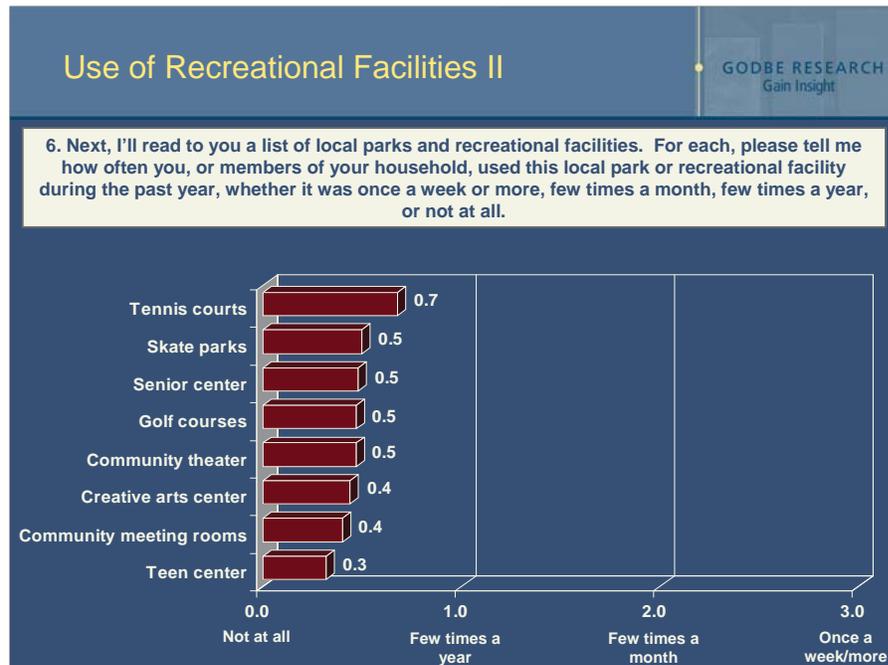
Those having children at home reported more frequent participation in each of the top seven activities excluding walking or hiking.



Similar to the sports and recreational activities, the respondents were presented with the same list of recreational facilities and sites as in Q3 to identify the ones that the Sunnyvale residents used the most frequently. Here again, the responses were recoded to compute mean scores: "Once a week or more" = +3, "Few times a month" = +2, "Few times a year" = +1, and "Not at all" = 0.

As seen from the chart above, the most frequent use was reported for "Open space parks, such as Baylands Park," with a mean score of 1.5. A few of the facilities and sites that the residents reported using at least a few times a year were "Trails" (1.3), "Outdoor sports fields" (1.2), "Picnic areas" (1.1), and "Swimming pools" (1.0).

To put these mean scores into perspective, the percentage breakdown for "Open space parks" was 22 percent "Once a week or more," 27 percent "Few times a month," 30 percent "Few times a year," and 22 percent "Not at all."



The least frequently used recreational facilities and sites were “Creative arts center” (0.4), “Community meeting rooms” (0.4), and “Teen center” (0.3).

Again, to gain better insights of the mean scores, the least used recreational facility, “Teen center,” was used by three percent of the respondents “Once a week or more,” by seven percent “Few times a month,” by eight percent “Few times a year,” and by 80 percent “Not at all.” One percent of the survey participants did not provide any answer to the question.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

		Gender		Age			
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older
6H. Open space parks		1.5	1.4	1.6	1.6	1.5	1.1
6K. Trails		1.4	1.3	1.7	1.3	1.4	0.8
6G. Outdoor sports fields		1.3	1.1	1.6	1.5	1.0	0.5
6J. Picnic areas		1.1	1.2	1.4	1.2	1.0	0.9
6E. Swimming pools		1.0	1.0	1.2	1.2	0.8	0.7

		Ethnicity				Children in the Household	
		Caucasian	Hispanic	Asian	Other	Yes	No
6H. Open space parks		1.3	1.8	1.6	1.3	1.6	1.4
6K. Trails		1.3	1.1	1.4	1.3	1.4	1.2
6G. Outdoor sports fields		0.9	1.6	1.5	1.3	1.6	0.9
6J. Picnic areas		1.0	1.3	1.2	1.2	1.3	1.0
6E. Swimming pools		0.8	1.0	1.4	0.9	1.3	0.8

Gender

The male respondents reported more frequent use of “Outdoor sports fields” than the women.

Age

Each of the top five recreational facilities and sites were used more frequently by the younger age groups than by those over the age of 60. More specifically, swimming pools, picnic areas, and trails were used more frequently by the 18-to-44-year-old residents, while outdoor sports fields and trails were used more frequently by those between the ages of 45 and 59 years. In addition to this, 30-to-44-year-old residents used “Open space parks such as Baylands Park” more frequently than the oldest age group. Likewise, “Sports fields” were used more frequently by the 18-to-44-year-old than by the 45-years-and-older residents.

Ethnicity

When compared to the Caucasian residents, those of Asian descent used “Swimming pools” more frequently, while those of Hispanic descent used “Open space parks, such as the Baylands Park” more frequently. In addition to this, “Outdoor sports fields” were used more frequently by both the Asian and Hispanic than by the Caucasian residents.

Children in the Household

The residents having children in the household reported more frequent use of the swimming pools, outdoor sports fields, open space parks, and picnic areas.



Finally, the respondents were asked about their frequency of participating in various recreational programs and classes that were asked in Q4. Again, the mean participation scores are illustrated in the chart above (“Once a week or more” = +3, “Few times a month” = +2, “Few times a year” = +1, and “Not at all” = 0.)

On average, none of the programs and classes tested was participated in by the Sunnyvale residents at least a “Few times a year.” Overall, the highest participation was reported for “Health and fitness programs” (0.8), followed by “Sports leagues” (0.6). By contrast, the programs garnering the lowest participation ratings include “Drama or theater classes,” “Programs for community members with physical or mental challenges,” and “Golf lessons,” each with a mean score of 0.2.

To put these mean scores into perspective, the percentage breakdown for “Health and fitness programs” was 16 percent “Once a week or more,” ten percent “Few times a month,” 18 percent “Few times a year,” and 57 percent “Not at all.” As opposed to this, the percentage of participation in “Golf lessons” was two percent “Once a week or more,” two percent “Few times a month,” five percent “Few times a year,” 90 percent “Not at all,” and one percent “Don’t Know/No Answer.”

Participation in Recreational Programs Difference in Subgroups					GODBE RESEARCH Gain Insight	
	Age				Children in the Household	
	18 to 29	30 to 44	45 to 59	60 or older	Yes	No
7H. Health and fitness programs	1.2	0.9	0.6	0.7	0.9	0.8
7I. Sports leagues	0.9	0.7	0.5	0.3	0.8	0.4
7A. Arts and craft classes	0.6	0.7	0.4	0.4	0.7	0.4
7G. Adult programs	0.5	0.5	0.5	0.7	0.5	0.5
7D. Music classes	0.5	0.7	0.3	0.3	0.7	0.3
7M. Aquatics classes	0.4	0.6	0.2	0.5	0.6	0.3

	Ethnicity			
	Caucasian	Hispanic	Asian	Other
7H. Health and fitness programs	0.7	0.8	1.0	1.0
7I. Sports leagues	0.4	1.0	0.6	0.7
7A. Arts and craft classes	0.4	0.9	0.5	0.5
7G. Adult programs	0.5	0.7	0.5	0.5
7D. Music classes	0.3	0.7	0.7	0.3
7M. Aquatics classes	0.3	0.2	0.7	0.4

Age

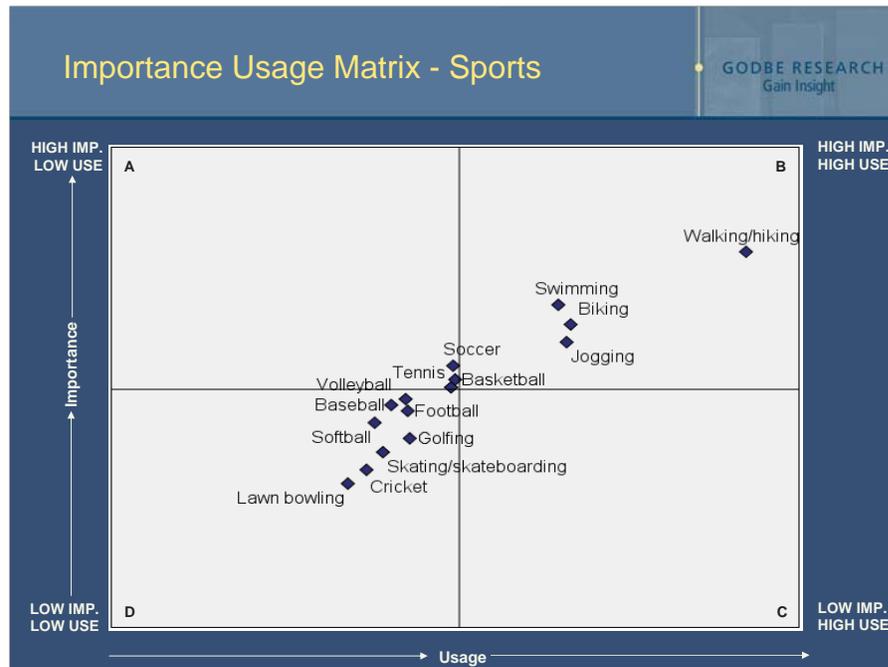
When compared to the 45-to-59-year-old respondents, those between the ages of 30 and 44 years reported a more frequent participation in arts and craft, music, and aquatics classes. Similarly, the 18-to-29-year-old respondents participated in “Health and fitness programs” and in “Sports leagues” more frequently than the 45-to-59-year-old and 60-years-and-older respondents, respectively.

Ethnicity

Overall, the ethnic minorities reported more frequent participation in recreational programs and classes offered by the City of Sunnyvale. Specifically, the frequency of participation was reportedly higher in “Sports leagues” by the Hispanics, “Health and fitness programs” by the Asians, and “Music classes” by both Hispanics and Asians. Besides these, the Asians participated more frequently in “Aquatics classes” than the Caucasians and Hispanics, while the Hispanics participated in “Arts and craft classes” more frequently than the Caucasians and Asians.

Children in the Household

The respondents having children at home participated more frequently in “Arts and craft classes,” “Music classes,” Sports leagues,” and “Aquatics classes” than those not having children at home.



Plotting the average importance and participation in sports and recreational activities together allows us to derive which sports and recreational activities warrant the most attention for future planning efforts. To that end, Godbe Research presents the above importance-usage matrix.

In the figure above, the mean importance score for each of the 16 sports and recreational activities tested are plotted along the vertical axis, such that the most important sports are near the top of the figure, while the relatively less important sports appear toward the bottom of the graph. Similarly, the average respondent's self-rated participation in each of the sports or recreational activities appear along the horizontal axis, ranging from "Not at all" on the left to "Once a week or more" on the right. Please note that the above chart displays *relative* low/high importance/use. For example, an item in the low importance/low use quadrant has *relatively* low importance and low use *in comparison to* the other activities.

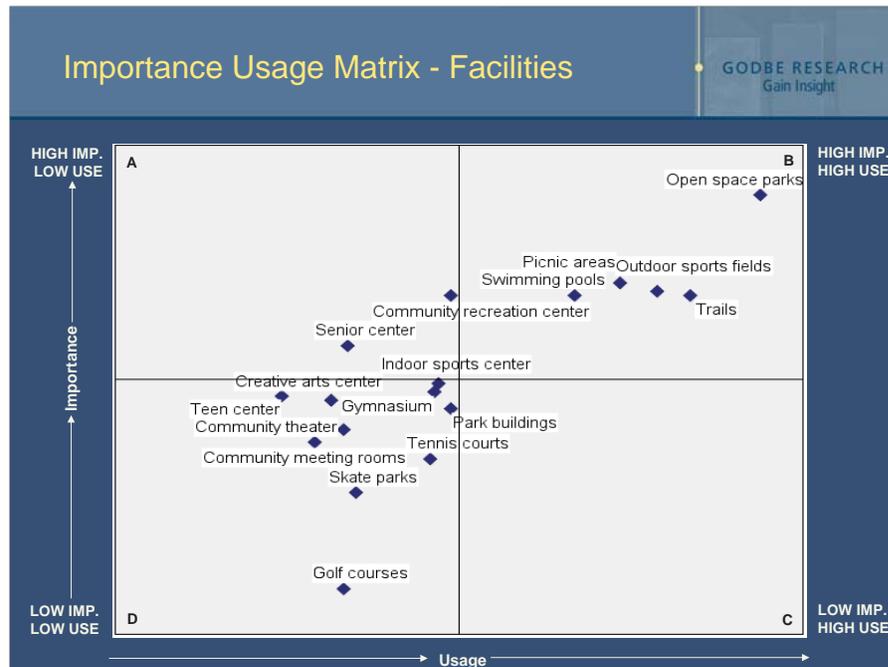
The matrix divides the 16 sports and recreational activities into the following four quadrants:

Quadrant B: Items in this quadrant – walking or hiking, swimming, biking, and jogging are relatively high in both importance and resident usage ratings. As such, the recreational facilities relating to these activities should receive the **highest priority attention** in maintenance and improvement efforts.

Quadrant A: This quadrant shows activities with relatively low usage but relatively high resident-perceived importance. The borderline cases that fall in this quadrant are soccer, basketball, and tennis. The facilities relating to these sports might be considered **second priority** for planning efforts, as they are used less frequently than those in Quadrant B.

Quadrant C: None of the tested sports and recreational activities were categorized in Quadrant C, which represents activities that have low importance and high usage ratings.

Quadrant D: Volleyball, football, baseball, softball, golfing, skating, cricket, and lawn bowling that appear in this quadrant received relatively low importance ratings and are also lower in resident expressed usage, when compared to the other sports and recreational activities. Therefore, these might be considered the **lowest priority** for maintenance and improvement efforts.



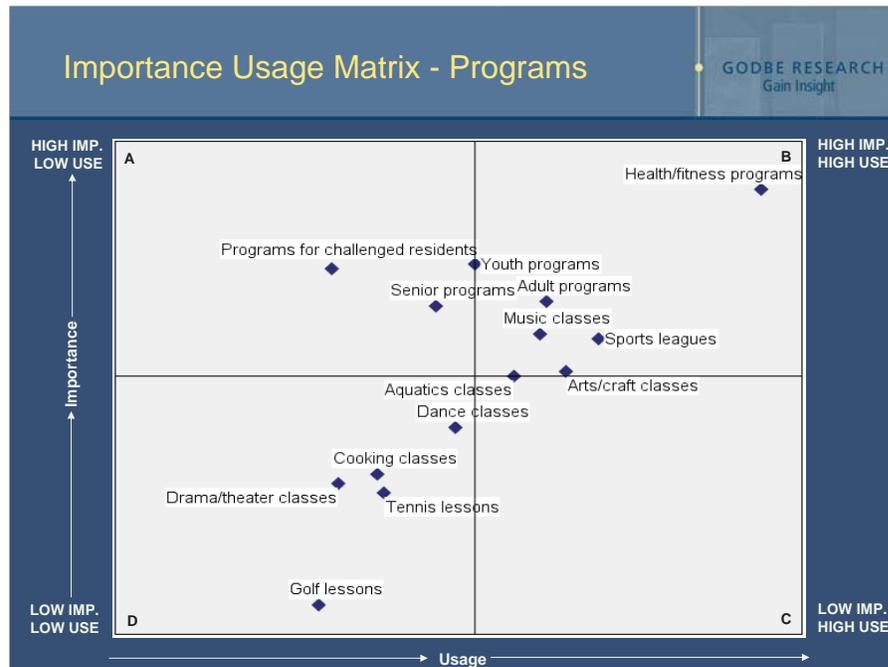
Similar to the sports and recreational activities, the above diagram illustrates an importance-usage matrix for the recreation facilities and sites tested in Q3 and Q6 in the survey. Again, the 17 recreational facilities and sites are classified in the following four quadrants.

Quadrant B: The recreational facilities and sites in this quadrant were rated relatively high in importance as well as usage. The facilities that are categorized in the quadrant are open space parks, picnic areas, outdoor sports fields, trails, and swimming pools. These facilities should receive the **highest priority** attention in the department's planning efforts.

Quadrant A: The items in this quadrant – senior center and community recreation center – were used less often than the ones in Quadrant B, but are reportedly high in resident importance. As such, these might be considered as **second priority** for maintenance and improvement efforts.

Quadrant C: None of the tested parks and recreational facilities were categorized in Quadrant C.

Quadrant D: This quadrant presents the facilities that were rated as relatively low in importance as well as usage. Therefore, these would be the **lowest priority** for improvement efforts. The facilities in this quadrant are creative arts center, gymnasium, teen center, community theater, community meeting rooms, tennis courts, skate parks, golf courses, and the borderline case of indoor sports center.



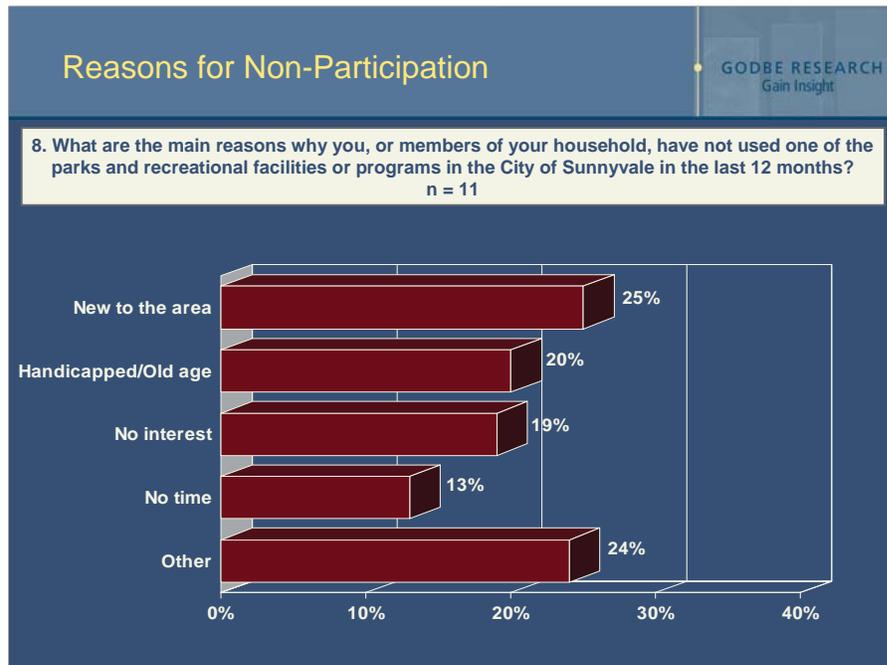
The tested importance and usage of various recreational programs and classes are plotted in the chart above, with importance on the vertical axis and usage on the horizontal axis. Similar to the charts on the previous two pages, the 14 recreational programs and classes are divided into the following four quadrants.

Quadrant B: The recreational programs classified in this quadrant – health and fitness programs, adult programs, music classes, sports leagues, and the borderline cases of youth programs, arts and crafts classes, and aquatics classes – were rated as relatively high in importance as well as participation by the Sunnyvale residents. Therefore, these programs warrant the **highest priority** attention in planning efforts.

Quadrant A: The only two items categorized in this quadrant are senior programs and programs for community residents with physical or mental challenges. Being rated as high in importance but low in resident usage, these programs might be considered to be the **second priority** for maintenance and improvement efforts.

Quadrant C: None of the tested items were categorized in the high use and low importance quadrant.

Quadrant D: Finally, the programs and classes that were rated as relatively low in importance as well as usage are presented in Quadrant D. Therefore, these would be the **lowest priority** for maintenance and improvement efforts. The facilities in this quadrant are dance classes, cooking classes, drama or theater classes, tennis lessons, and golf lessons.



The 11 respondents who reported not using any of the City's recreational facilities or sites or who did not participate in any of the tested recreational programs and classes were asked about the reason for non-usage or non-participation. Because of the small sample size, these results are anecdotal, and should not be over-generalized.

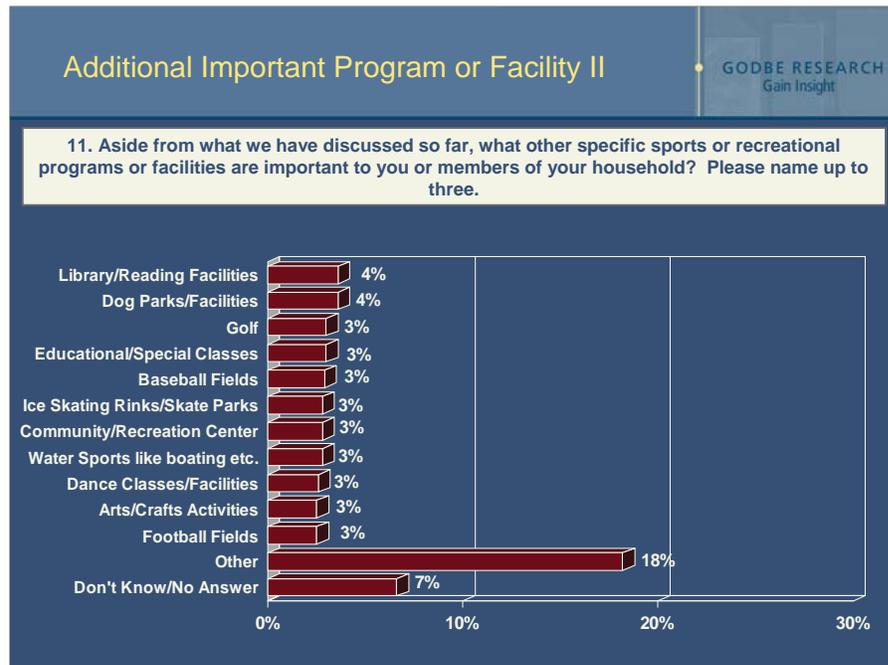
Overall, a few of the reasons mentioned for non-usage of the tested recreational facilities were "New to the area" (25%), "Handicapped or old age" (20%), "No interest" (19%), and "No time" (13%).

Due to the small sample size, segmentation analysis was not performed on this question.



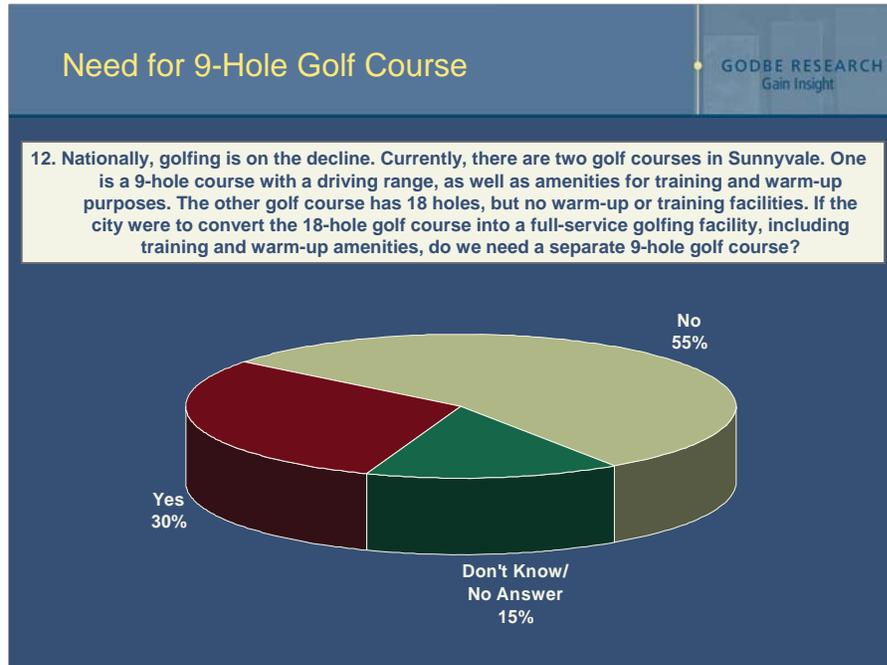
In an open-ended format (i.e., without prompting response choices), the survey participants were asked to indicate other recreational programs or facilities that were important to them or to the members of their household.

As illustrated in the chart above, 28 percent of the respondents stated that there was “Nothing” more than the tested sports and recreational programs or facilities that were important to them or to the members of their household. Some of the residents reiterated the importance of “Walking or hiking trails” (17%) and “Swimming pools” (10%). A few of the less prominent responses to this question were, “Parks or open space” (7%), “Indoor sports or recreational activities” (7%), and “Gymnasium or health and fitness centers” (7%).



The chart above is a continuation of additional recreational programs or facilities that are important to Sunnyvale residents. The list also includes activities and programs like community recreation center, water sports, dance classes and facilities, arts and craft activities, football fields, etc. that were mentioned by about three percent of the survey respondents.

Since most of the top responses to this question were reiterations of recreational activities, programs and facilities tested in the earlier questions, the subgroup differences have not been presented here.

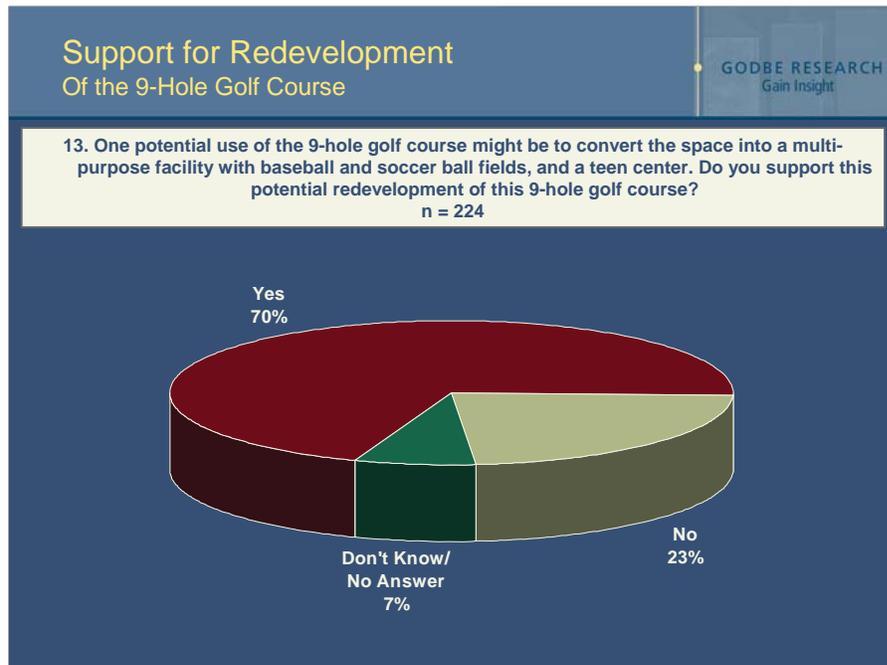


The next section in the survey focused on learning resident views about various potential sports and recreational (re-)development projects in Sunnyvale.

The first question in this section gave the respondents a little background of current facilities for golfing in the City. Here, they were told about the two golf courses in Sunnyvale, one being an 18-hole golf course without warm-up or training facilities and the other being a 9-hole golf course, which has a driving range and amenities for training and warm-up. Next, they were asked if they thought the 9-hole golf course was needed, if the 18-hole golf course were converted into a full-service golfing facility, including training and warm-up amenities.

In response to this, three in ten respondents (30%) thought that the 9-hole golf course was still needed, even if the 18-hole golf course was converted in a full-service golfing facility. On the other hand, 55 percent thought that the smaller golf course was not required, if the larger one was converted to accommodate the required amenities. About 15 percent of the respondents did not render an opinion on this issue.

In the comparison of responses across subgroups for this question, no significant differences were observed.



The respondents who did not want the separate 9-hole golf course were asked a follow-up question, where they were told about the potential conversion of the 9-hole golf course into a multi-purpose facility with baseball and soccer fields, and a teen center. Given this information, the respondents were asked if they supported the potential redevelopment of the 9-hole golf course.

In response to this, seven in ten respondents (70%) reported their support, whereas 23 percent were opposed to the conversion of the 9-hole golf course into a multi-purpose facility with sports fields and a teen center.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

Redevelopment of Golf Course Difference in Subgroups					GODBE RESEARCH Gain Insight			
	Age				Ethnicity			
	18 to 29	30 to 44	45 to 59	60 or older	Caucasian	Hispanic	Asian	Other
Total	43	90	54	33	87	27	87	13
Yes	68.1%	78.7%	73.9%	47.7%	70.1%	92.5%	65.6%	64.5%
No	14.9%	19.9%	19.3%	43.1%	24.3%	0.0%	26.6%	30.5%
Don't Know/No Answer	17.0%	1.4%	6.8%	9.2%	5.6%	7.5%	7.9%	4.9%

	Zip Code of Residence			
	94085	94086	94087	94089
Total	40	64	81	38
Yes	86.2%	70.3%	59.6%	76.9%
No	10.0%	25.3%	33.5%	8.8%
Don't Know/No Answer	3.8%	4.3%	6.9%	14.3%

Age

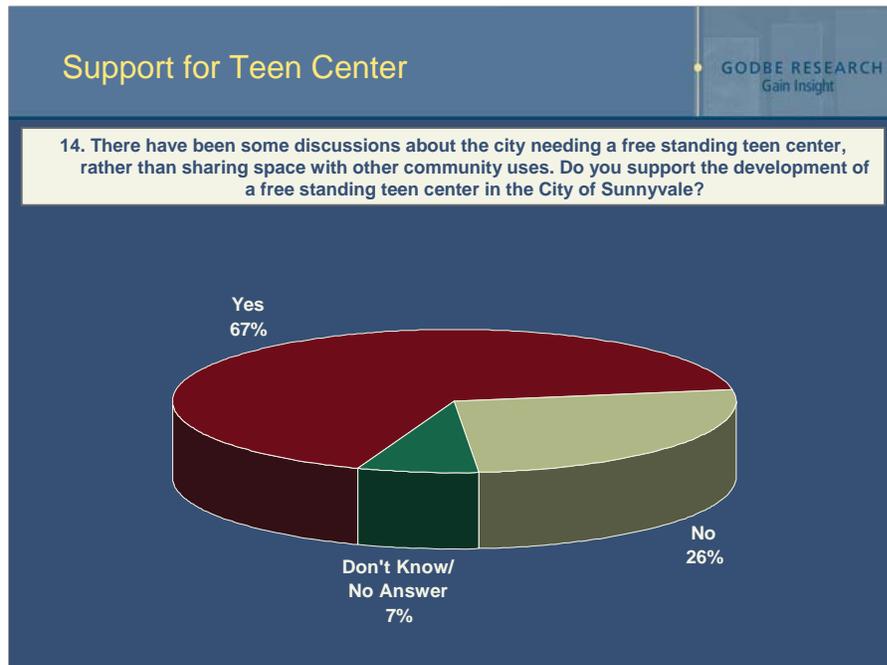
A significantly higher percentage of the 30-to-44-year-old respondents supported the redevelopment of the 9-hole golf course into a multi-purpose facility with baseball and soccer ball fields, and a teen center, when compared to those over the age of 60 years. By contrast, a higher percentage of the 60-years-and-older respondents reported their opposition to this project than the 18-to-29-year-old respondents.

Ethnicity

When compared to the Asian respondents, a significantly higher percentage of the Hispanic respondents supported the redevelopment of the 9-hole golf course into a multi-purpose facility.

Zip Code of Residence

A higher percentage of the 94085 residents than those living in zip code 94087 supported the redevelopment of the 9-hole golf course into a multi-purpose facility, whereas a higher percentage of the 94087 residents than those residing in 94085 and 94089 opposed this project.



In the next question, the respondents were asked about their support for a free-standing teen center in the City of Sunnyvale, rather than sharing space with other community uses.

As illustrated in the chart above, two-thirds of the respondents (67%) supported the development of a free-standing teen center, whereas 26 percent did not think this is necessary. About seven percent of the residents surveyed did not render an opinion.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

		Age				Ethnicity			
		18 to 29	30 to 44	45 to 59	60 or older	Caucasian	Hispanic	Asian	Other
Total		80	148	102	71	163	57	152	19
Yes		68.5%	75.7%	59.4%	57.6%	63.1%	87.2%	63.5%	68.7%
No		24.1%	17.3%	35.6%	30.7%	27.0%	12.8%	29.4%	18.2%
Don't Know/No Answer		7.4%	7.0%	5.0%	11.7%	9.9%	0.0%	7.2%	13.1%

		Zip Code of Residence			
		94085	94086	94087	94089
Total		63	113	162	69
Yes		68.7%	75.8%	60.6%	65.8%
No		24.0%	17.9%	31.5%	26.9%
Don't Know/No Answer		7.3%	6.2%	8.0%	7.3%

Age

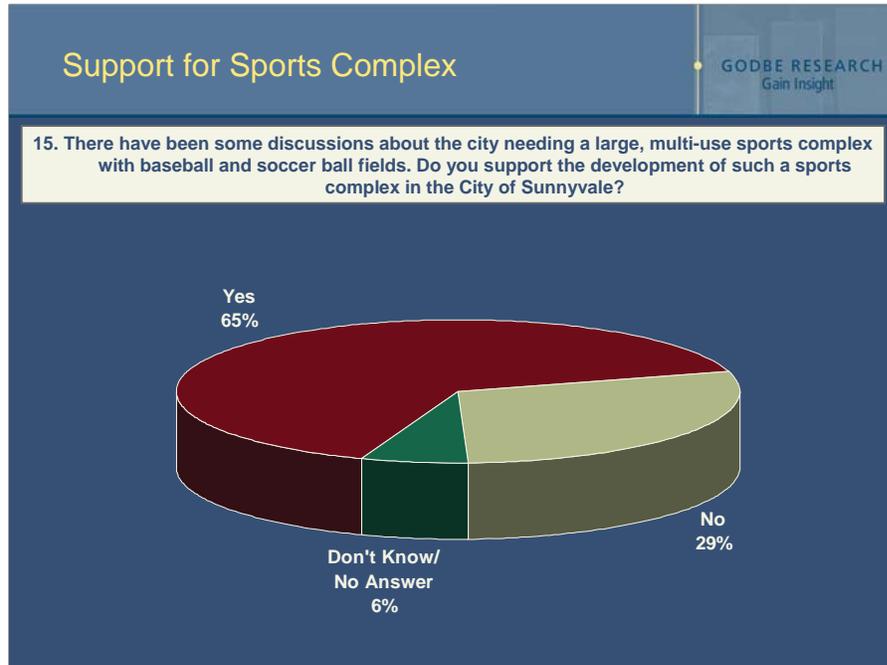
A higher percentage of those between the ages of 30 and 44 years reported their support for the free standing teen center than the 45-years-and-older residents.

Ethnicity

The percentage of Hispanic respondents who were in support of the development of the teen center was significantly higher when compared to the Caucasian and Asian respondents who reported the same.

Zip Code of Residence

There was greater support for the development of a teen center among the residents of zip code 94086 than among those living in 94087.



The respondents were also asked if they would support the development of a large, multi-use sports complex with baseball and soccer fields in the City of Sunnyvale.

In response to this, 65 percent reported their support for the potential project, while 29 percent were opposed to it. About six percent of the respondents did not know or provided no answer to the question.

Support for Sports Complex Difference in Subgroups					GODBE RESEARCH Gain Insight	
	Age				Children in the Household	
	18 to 29	30 to 44	45 to 59	60 or older	Yes	No
Total	80	148	102	71	183	222
Yes	72.2%	74.9%	55.5%	52.4%	78.2%	54.7%
No	23.0%	18.3%	39.3%	38.4%	18.4%	36.5%
Don't Know/No Answer	4.8%	6.8%	5.1%	9.2%	3.4%	8.7%

	Ethnicity			
	Caucasian	Hispanic	Asian	Other
Total	163	57	152	19
Yes	55.9%	82.3%	71.0%	66.6%
No	38.8%	11.1%	21.6%	27.4%
Don't Know/No Answer	5.3%	6.7%	7.3%	6.0%

Age

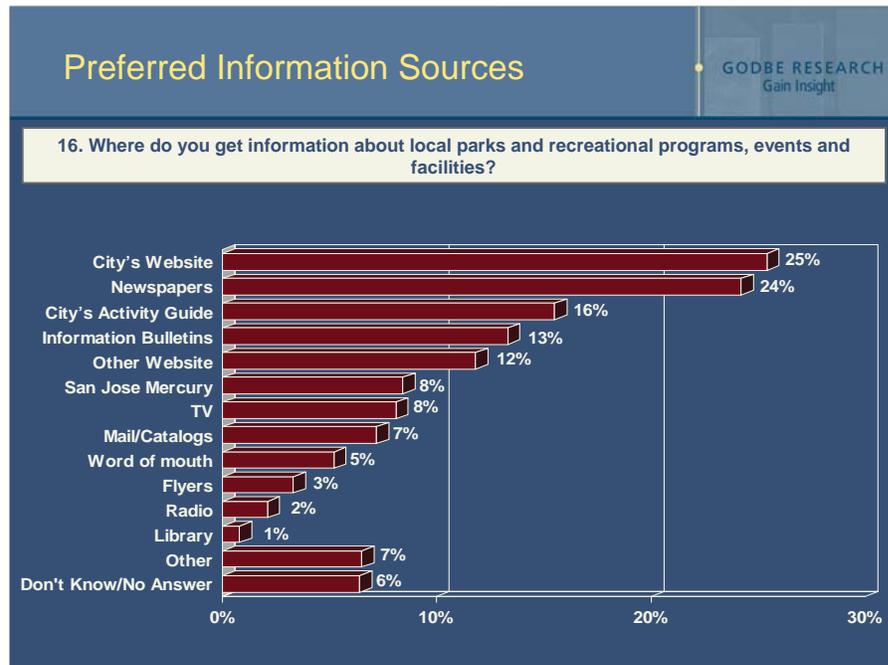
A higher percentage of the 30-to-44-year-old respondents supported the development of a large, multi-use sports complex with baseball and soccer ball fields, when compared to their older counterparts.

Ethnicity

When compared to the Caucasian respondents, a significantly higher percentage of the Hispanic and Asian respondents supported the development of the multi-use sports complex.

Children in the Household

Respondents having children at home supported the development of the multi-use sports complex, while those not having children at home were opposed to its development.



The final question in the survey focused on identifying the top sources that the Sunnyvale residents used to get information about local parks and recreational programs, events and facilities.

The highest percentage of the respondents reported using the "City's website" (25%) and "Newspapers" (24%) to obtain parks and recreation information in the City. Few of the less prominent information sources used were "City's Activity Guide" (16%), "City's Information Bulletins" (13%), and "Other websites" (12%).

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

City of Sunnyvale: 2007 Parks and Recreation Survey

		Gender		Age			
		Male	Female	18 to 29	30 to 44	45 to 59	60 or older
Total		212	195	80	148	102	71
City's Website		27.6%	22.9%	28.7%	32.3%	26.1%	4.8%
Newspaper - others		23.0%	25.6%	29.5%	17.0%	24.1%	32.4%
City's Activity Guide		8.6%	23.1%	11.6%	15.9%	18.5%	16.2%
City's Information Bulletins		14.1%	12.3%	8.3%	14.8%	18.8%	8.4%
Other Website		9.4%	14.4%	10.4%	13.5%	10.3%	12.8%

	Ethnicity			
	Caucasian	Hispanic	Asian	Other
Total	163	57	152	19
City's Website	19.7%	19.7%	33.4%	20.7%
Newspaper - others	32.0%	35.2%	13.8%	19.2%
City's Activity Guide	13.8%	23.4%	16.7%	5.6%
City's Information Bulletins	14.3%	16.2%	12.4%	12.8%
Other Website	12.3%	12.6%	9.7%	17.2%

Gender

A significantly higher percentage of the women than the men used the "City's Activity Guide" for obtaining information about local parks and recreation in the City.

Age

A higher percentage of the 18-to-59-year-old residents than their older counterparts used the "City's website" for getting local parks and recreation information.

Ethnicity

A substantially higher percentage of the Asian than the Caucasian respondents used "City's website" as an information source, while a higher percentage of the Caucasian and Hispanic respondents used newspapers as a source for getting information on local parks and recreational facilities.

Preferred Information Sources
Difference in Subgroups II

GODBE RESEARCH
Gain Insight

	Children in the Household		Zip Code of Residence			
	Yes	No	94085	94086	94087	94089
Total	183	222	63	113	162	69
City's Website	27.9%	23.5%	27.8%	28.7%	24.7%	18.9%
Newspaper - others	18.9%	28.2%	20.4%	18.1%	30.0%	24.2%
City's Activity Guide	18.2%	13.5%	18.6%	11.0%	12.0%	28.4%
City's Information Bulletins/Newsletters	13.8%	13.0%	7.9%	9.3%	13.4%	24.3%
Other Website	10.7%	12.8%	17.1%	8.4%	12.1%	11.7%

Children in the Household

A higher percentage of the respondents not having children at home reported using newspapers for obtaining local parks and recreational information.

Zip Code of Residence

When compared to the residents of 94086, a higher percentage of those living in the zip code 94089 used the "City's Activity Guide," "City's Information Bulletin," and "Newspapers" to get information about parks and recreation. Similarly, newspapers were used as an information source by a higher percentage of the 94085 than by the 94086 residents.

COMMUNITY WEB SURVEY SUMMARY

The following graphs provide key findings of the Community Web Survey which gathered community input through the Parks of the Future website in early 2008.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Sunnyvale Parks and Recreation Department
Parks of the Future Plan

Web Survey Summary
April 25, 2008

Prepared by:



Executive Summary

The City of Sunnyvale Parks and Recreation Department is developing the Parks of the Future Plan to guide parks and recreation facilities planning for the next 20 years. The department has been seeking community input and involvement in this process in order to better serve community needs in the future.

The project website, www.parksofthefuture.com, was launched in January 2008. Along with providing basic information about the planning process, the site hosted an online web survey designed to collect opinion about community preferences for parks and recreation activities. As David Lewis, Park and Recreation Department Director stated, “the survey responses will help city officials accomplish their goal of creating community through people, parks and programs!”

The survey was designed to determine residents' perceptions of the Parks and Recreation Department's provision of services; assess residents' perceptions of facility and program needs; evaluate residents' priorities for future park and recreation efforts; and gather attitudinal, demographic, and behavioral information to profile park users and non-users. It also allowed residents to provide additional comments and opinions about parks and recreation programming in Sunnyvale.

More than 800 people responded to the survey. Some highlights of the results include:

- When asked to identify their preferred activities, and given multiple choices, 80.4% of respondents indicated they prefer to participate in active sports or recreational activities during their leisure time.
- 65.4% of respondents indicated they visited Sunnyvale parks at least once a week or more. 31.2% indicated that children's play areas were the recreational facilities they used the most.
- Slightly more than half (53%) of respondents indicated that the community had “about enough” parks and facilities. Less than one percent indicated there were “too many”.
- Almost 40% of respondents indicated the system could be most improved by upgrading existing parks. This finding is consistent with findings from other communities in California.
- When given the opportunity to identify two types of parks most needed in Sunnyvale, the most popular responses were greenbelts and dedicated walking and biking paths (40.1%) and natural areas (28.9%). Small neighborhood parks (24.5%) were the third most popular response.
- When asked about additional amenities, 42.9% of respondents indicated that walking/biking paths were the most needed amenity in Sunnyvale.

Summary of Responses

Leisure Activities

Overall, active outdoor sports and recreational activities were identified as the top leisure activity by Sunnyvale residents. This was followed by dining out, movies and outdoor social gatherings. Cultural activities, indoor sports and spectator sports rounded out the list of preferred leisure activities.

Recreational Programs

When asked what kinds of recreational programs Sunnyvale should expand or offer that are not currently offered most expressed an interest in special events, such as park concerts, dances and festivals. This was followed by a desire for outdoor or environmental programs, fitness classes, and drop-in activities.

Park Types

When asked what types of parks are most needed in Sunnyvale, most expressed a need for greenbelts or dedicated walking and biking paths. Natural areas, neighborhood parks, and community parks were also mentioned.

Recreational Facilities

Overall, respondents indicated that there are enough available sports and recreational facilities in Sunnyvale. The most popular recreational facilities are children's play areas, athletic fields, greenbelts, and lawn areas. Residents expressed a desire to have more walking/biking paths, playgrounds, and restrooms in the parks.

Residents were asked their opinion about three specific facilities in or proposed for Sunnyvale: golf courses, a teen center, and multi-use sports complex. Respondents were given background information regarding the two current golf facilities in Sunnyvale; an 18-hole golf course without warm-up or training facilities and a 9-hole golf course with a driving range and training facilities. Respondents were asked if they thought the 9-hole golf course would still be needed, if the 18-hole golf course were converted into a full-service golfing facility. Twenty-two percent felt the 9-hole course would still be needed. For those who did not feel the smaller golf course was needed, 55 percent thought that the larger course could be converted. There were mixed attitudes about the ideal future configuration of golf courses in Sunnyvale, but no clear consensus.

Forty-three percent of the respondents indicated they would support the development of a free standing teen center. The same percent of respondents said they would support the development of a large, multi-use sports complex with baseball and soccer ball fields.

Park Benefits

Many respondents felt that parks were most beneficial when they provide opportunities for the community to enjoy nature and the outdoors, followed by promoting activities for youth and senior citizens, and connecting families and neighborhoods.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

In general, what do you like to do most during your leisure time? Select all that apply													Response Percent	Response Count
Answer Options														
Active outdoor sports or recreational activities													80.4%	638
Cultural activities, like theater, musical or art performances													39.0%	310
Dining out													57.8%	459
Indoor sports or recreational activities													23.3%	185
Movies													40.8%	324
Outdoor social gatherings, like picnicking													41.6%	330
Spectator sporting events, like baseball or football games													26.3%	209
Other (please specify)														276
													answered question	794
													skipped question	32

Thinking about the availability of open space, parks and facilities in Sunnyvale to serve your household's sports and recreational needs, would you say that there are about enough, too many or too few facilities?													Response Percent	Response Count
Answer Options														
Too many													0.9%	7
About enough													53.5%	431
Too few													45.6%	367
													answered question	805
													skipped question	21

Which of the following benefits of parks is most important to you? (Select your top choice)													Response Percent	Response Count
Answer Options														
Provide opportunities to enjoy nature/ outdoors													30.2%	222
Promote youth activity													16.2%	119
Improve health and wellness													10.6%	78
Protect the natural environment													6.7%	49
Help older adults remain active													12.5%	92
Connect people together, building stronger families and neighborhoods													16.3%	120
Enhance community image and sense of place													7.5%	55
Other (please specify)														53
													answered question	735
													skipped question	91

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

How can Sunnyvale's park system best be improved? (Select your top choice)														Response Percent	Response Count
Answer Options															
Acquiring land for future parks														14.8%	107
Developing new parks														13.4%	97
Upgrading existing parks														39.8%	288
Building major new facilities, such as pools, community centers or a dedicated sports complex														11.8%	85
Acquiring natural areas														12.3%	89
Increasing maintenance service standard														7.9%	57
														Other (please specify)	97
														answered question	723
														skipped question	103
<p>A good deal of respondents requested either improvements to or new developments of golf courses (particularly the 9-hole golf course), Cricket grounds, and a park with runway for remote controlled planes. These three interests were expressed repeatedly across all open-ended responses. Other common responses included developing more trails connections between parks, building a skate park, and simple requests to maintain existing parks and recreation facilities. Other less frequent responses included more small, neighborhood parks development, better amenities (such as restrooms) in existing parks, and more programs in general for teens and youth.</p>															

What additional types of park are most needed in Sunnyvale? (Please check your top TWO choices only)														Response Percent	Response Count
Answer Options															
Small parks in my neighborhood														24.5%	181
Large multi-use parks that serve the whole community														23.7%	175
Natural areas														28.9%	213
A park consisting primarily of sports fields														15.2%	112
Greenbelts, or dedicated walking and biking paths, like the John W. Christian Greenbelt														40.1%	296
Dog Parks														8.7%	64
Community Gardens														12.2%	90
Outdoor Amphitheater														4.6%	34
No additional parks are needed														13.4%	99
														Other (please specify)	73
														answered question	738
														skipped question	88

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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What additional types of amenities are most needed in Sunnysvale's parks? (Please check your top TWO choices only)														Response Percent	Response Count
Answer Options															
Picnic Areas														12.3%	90
Playgrounds for young children														17.4%	127
Tennis courts														4.0%	29
Basketball courts														3.0%	22
Restrooms														17.4%	127
Walking/biking paths														42.9%	313
Multi-use fields (soccer, lacrosse)														12.1%	88
Baseball/ Softball fields														2.7%	20
Par Course/ Exercise stations														9.1%	66
Recreational swimming pool														9.5%	69
Interactive water playground														5.5%	40
Dog exercise area														9.7%	71
Bocce ball														4.5%	33
Unstructured play areas														7.4%	54
Skateboard features														5.9%	43
Large climbing structures														5.2%	38
No additional amenities are needed														8.8%	64
														Other (please specify)	110
														answered question	729
														skipped question	97

As with other questions, there were a significant number of respondents requesting Cricket grounds (with amenities like changing rooms and practice nets), improvements at the 9- and 18- hole golf courses (including restrooms and driving range), and a landing strip and other amenities for remote controlled planes. Other requests included more community gardens, a par course, an indoor swimming pool, and more natural areas with areas for water and vegetation. Specific amenities suggested included more restrooms in parks; covered areas for picnics, swings, and benches; lighting at the skate park and all parks; and more amenities in general for toddlers and teenagers.

What additional types of facility spaces are most needed in Sunnysvale? (Please check your top TWO choices only)														Response Percent	Response Count
Answer Options															
Multi-use Community Center														29.1%	217
Aerobics/exercise classrooms														13.4%	100
Large multi-purpose/reception room														8.2%	61
Space for teen activities														27.7%	206
Space for senior activities														16.4%	122
Spaces for Recreation Department classes														14.9%	111
Meeting / conference rooms														7.9%	59
Special event (e.g. weddings)														8.7%	65
No additional facility spaces are needed														28.2%	210
														answered question	745
														skipped question	81

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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How often do you or members of your household visit parks in Sunnyvale?!													Response Percent	Response Count
Answer Options														
Once a week or more													65.4%	502
Once or twice a month													18.9%	145
A few time a year													10.9%	84
Seldom or never													3.3%	25
Don't know													1.6%	12
													answered question	768
													skipped question	58

If you seldom or never visit parks in Sunnyvale, what is the primary reason?													Response Percent	Response Count
Answer Options														
Not interested/No time													54.5%	12
Lack of facilities													4.5%	1
Too far away; not conveniently located													22.7%	5
Do not have transportation													0.0%	0
Don't know where they are													4.5%	1
Don't know what's available													9.1%	2
Too active or crowded													9.1%	2
													answered question	22
													skipped question	804

Do you participate in recreation or sports programs offered by the City of Sunnyvale?													Response Percent	Response Count
Answer Options														
Yes													54.1%	416
No													45.9%	353
													answered question	769
													skipped question	57

If you do not participate in recreation or sports programs offered by the City of Sunnyvale, what is your top reason for not participating?!													Response Percent	Response Count
Answer Options														
Not aware of programs													18.9%	57
Don't have activities I'm interested in													21.9%	66
Poor quality of programs													4.0%	12
Held at inconvenient times													10.9%	33
Held at inconvenient locations													2.0%	6
Classes or programs are full													0.7%	2
Need child care in order to participate													3.6%	11
Too busy; no time													32.8%	99
Lack of transportation													1.0%	3
Too expensive													4.3%	13
													Other (please specify)	42
													answered question	302
													skipped question	524

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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What are the most convenient recreational program times for you and others in your household? (Please check your top TWO choices only)														Response Percent	Response Count
Answer Options															
Weekday mornings														28.0%	210
Weekday afternoons														22.4%	168
Weekday evenings														31.8%	238
Weekend mornings														33.8%	253
Weekend afternoons														26.0%	195
Weekend evenings														4.3%	32
Drop-in formats, rather than ongoing activities.														21.4%	160
Don't know, n/a														5.2%	39
														Other (please specify)	25
														answered question	749
														skipped question	77

From the following list, which two public outdoor recreation facilities do members of your household use most often? (Please check your top TWO choices only)														Response Percent	Response Count
Answer Options															
Athletic fields such as baseball, softball, soccer, football or rugby														25.8%	170
Swimming pools														13.3%	88
Tennis courts														11.1%	73
Basketball courts														4.4%	29
Skate parks														5.9%	39
Children's play areas														31.2%	206
Picnic areas														22.0%	145
Neighborhood greenbelts														26.8%	177
Lawn areas														25.8%	170
Don't know, n/a														4.2%	28
														Other (please specify)	204
														answered question	660
														skipped question	166

Golf was the dominant response to this question, with a good deal of respondents listing Sunken Gardens as the facility they use most often. Other common responses included dog park, Cricket, bike paths, walking trails and community gardens.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

What recreation programs should Sunnyvale expand or offer that are not currently offered?													Response Percent	Response Count
Answer Options														
Outdoor/Environmental programs													26.3%	175
Aquatic programs													12.6%	84
General interest classes (music lessons, computers)													12.6%	84
Special events (concerts in the park, dances, festivals)													33.7%	224
Sports (baseball, ultimate frisbee)													9.3%	62
Arts (drama, painting, pottery etc.)													10.5%	70
Educational programs/hobby related classes (scrapbooking, etc.)													9.5%	63
Fitness classes (aerobics, yoga, etc.)													20.5%	136
Drop-in activities (gymnasium, gameroom, computers, etc.)													18.3%	122
Job related activities (volunteer, internship, training class)													8.6%	57
Extreme Sports/ Outdoor adventure (rock climbing, mountain biking, rafting, scuba etc.)													14.9%	99
No additional programs are needed													16.2%	108
													Other (please specify)	86
													answered question	665
													skipped question	161

As with other questions, several respondents listed Cricket, golf, and remote controlled planes as needed facilities. Other needs promoted included skate parks, extension of the Stevens Creek Trail, and more sports for seniors. Some respondents stressed the importance of simply maintaining what exists, while others requested some new concepts such as knitting, square dancing, bocce ball, and ping pong.

If the City of Sunnyvale were to expand the recreation programs offered, what specific programs or services would you like to see offered?													Response Count	
Answer Options														
See below													319	
													answered question	319
													skipped question	507

While respondents still requested expansion of golf and Cricket grounds, others promoted several new ideas as well. Additional hiking and biking trails (with linkages to Stevens Creek) were mentioned several times, as were the need for a new gym, for more community gardens, for adult- and senior- focused sports such as swimming and soccer, and for unprogrammed/unstructured playing fields. There were frequent requests for more health and wellness classes such as yoga and pilates, and a series of comments requesting more arts & culture focused classes such as music, dancing, wine tasting, sculpture, knitting, theater, and other crafts. Some respondents also suggested very tailored life-skills type classes like how to lower your carbon footprint/live green, and inventor/machine shop classes. There was a strong theme around more outdoor programming, including calls for concerts in parks, outdoor educational areas, and more lighting at parks. Respondents called out the need to develop programs for certain populations as well, most often for teenagers, special needs populations, and for family events.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Where do you get information about local parks and recreational programs, events and facilities?													Response Percent	Response Count
Answer Options														
City Activity Guide													64.7%	450
City information bulletins													12.9%	90
City website													34.1%	237
San Jose Mercury News													18.7%	130
Sunnyvale Sun													31.3%	218
Radio													2.3%	16
TV													2.6%	18
													Other (please specify)	70
													answered question	696
													skipped question	130

There are currently two golf courses in Sunnyvale. One is a 9-hole course with a driving range, as well as amenities for training and warm-up purposes. The other golf course has 18 holes, but no warm-up or training facilities. If the city were to convert the 18-hole golf course into a full-service golfing facility, including training and warm-up amenities, do we need a separate 9-hole golf course?													Response Percent	Response Count
Answer Options														
Yes													48.5%	361
No													21.7%	162
Don't know													29.8%	222
													Other comments	203
													answered question	745
													skipped question	81

Responses to this question can be grouped into three broad categories: 1) N/A because the respondent does not golf and cannot comment; 2) No, because golf courses in general are seen as a waste of water, space and other natural resources and respondents would prefer the city focus time, money and energy on other endeavors; or, 3) Yes, absolutely (which was the most common general response). Frequent reasons cited by those who feel that a separate 9-hole course would still be needed included that they are most appropriate for older adults who tire easily, and for junior golfers who are learning, and because the existing course is a critical source of revenue for the city.

One potential use of the 9-hole golf course might be to convert the space into a multi-purpose facility with baseball and soccer ball fields. Do you support this potential redevelopment of the 9-hole golf course?													Response Percent	Response Count
Answer Options														
Yes													54.5%	211
No													16.3%	63
Don't know													29.2%	113
													Other comments	56
													answered question	387
													skipped question	439

Several respondents simply asked if such a redevelopment were necessary and would like more data on what the actual demand is for this. Others still stressed their desire for more Cricket facilities instead. Other responses were generally very mixed. For example, there seems to be strong support for more multi-use fields, but a need to keep those fields flexible and some of them unprogrammed. Some felt that this question was too myopic and there is a need to first establish a vision -- maybe the city needs more open, natural spaces instead. Some asked if the city had already made this decision, and if there is money available to do it.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Some members of the community have suggested that the city develop a free standing teen center, rather than sharing space with other community uses. Do you support the development of a free standing teen center in the City of Sunnyvale?													Response Percent	Response Count
Answer Options														
Yes													43.0%	321
No													29.5%	220
Don't know													27.6%	206
Other comments														109
answered question														747
skipped question														79

As with other questions, several respondents wondered about the rationale behind this question, and asked if a new center was needed, what data was available to support this, and if this is what teens want (are they being consulted?). There was also some concern expressed that it not be housed at Sunken Gardens. Other comments can be grouped into three areas - 1) those who believe the center should be built but integrated into existing facilities where teens already spend a good deal of time; 2) those who felt that several centers should be developed throughout the city; and 3) those who felt that there is already plenty of space for teen facilities. Other comments stressed that the important decisions will be not where a center is, but how it is programmed and staffed.

Some members of the community have suggested that the city develop a large, multi-use sports complex with baseball and soccer ball fields. Do you support the development of such a sports complex in the City of Sunnyvale?													Response Percent	Response Count
Answer Options														
Yes													42.4%	312
No													36.2%	266
Don't Know													21.4%	157
Other comments														141
answered question														735
skipped question														91

Responses to this question were very diverse. Several respondents simply said no, while others were not in support because they felt that there is a need to focus more on neighborhood parks and do not want to see something new built at the expense of other facilities. Many respondents felt that it would "depend" on several factors, including the cost, what sports would be included, where it would be, what amenities would be built, if there would be enough parking, and if the community really needs it (is there true demand?). Others reported that such a facility already exists at Baylands and Twin Peaks. Several respondents did support this, but asked to include diverse sport uses, including lacrosse and Cricket.

Aside from what we have discussed so far, what other specific sports or recreational programs or facilities are important to you or members of your household? Please name up to three													Response Count
Answer Options													
See below													367
answered question													367
skipped question													459

Many respondents repeated programs that have been mentioned throughout the survey. Common ones included more golf facilities, Cricket fields, a remote control plane park, bike paths, and more community gardens. Other programs and facilities mentioned here included rock climbing, rugby, programs for the growing Indian community, soccer, a showcase aquatic center, nature preserves with trails, dog parks, and more community programs (e.g., community movie night out) in general.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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What zip code do you live in?												Response Percent	Response Count
Answer Options													
	94085											8.9%	61
	94086											31.7%	217
	94087											51.3%	351
	94089											8.0%	55
												Other (please specify)	65
												answered question	684
												skipped question	142

Using the map for reference, please indicate what park planning area in Sunnyvale you live in.												Response Percent	Response Count
Answer Options													
1. Lakewood												6.3%	45
2. Northwest Murphy												5.8%	42
3. Southwest Murphy												2.6%	19
4. East Murphy												3.6%	26
5. Washington												11.1%	80
6. De Anza												18.5%	133
7. Ponderosa												13.1%	94
8. West Serra												4.0%	29
9. East Serra												5.6%	40
10. Ortega												12.4%	89
11. Raynor												8.6%	62
12. Don't Know, n/a												8.5%	61
												answered question	720
												skipped question	106

How many years have you lived in Sunnyvale?												Response Percent	Response Count
Answer Options													
1 year or less												6.6%	46
2 to 3 years												6.3%	44
4 to 5 years												9.0%	63
6 to 9 years												12.0%	84
10 to 15 years												14.4%	101
16 to 20 years												9.7%	68
21 to 25 years												9.3%	65
26 or more years												32.8%	230
												answered question	701
												skipped question	125

Do you own or rent your place of residence?												Response Percent	Response Count
Answer Options													
Own												83.0%	583
Rent												17.0%	119
												Other (please specify)	27
												answered question	702
												skipped question	124

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

What is your gender?													Response Percent	Response Count
Answer Options														
Male													49.1%	363
Female													50.9%	376
													answered question	739
													skipped question	87

What is your age?													Response Percent	Response Count
Answer Options														
Under 18													1.1%	8
18-24													2.0%	15
25-34													13.9%	103
35-44													24.6%	182
45-54													22.5%	166
55-64													14.3%	106
65													21.5%	159
													answered question	739
													skipped question	87

What category best describes your total household income before taxes in 2007?													Response Percent	Response Count
Answer Options														
Under \$20,000													2.1%	14
\$20,000 to less than \$40,000													4.1%	27
\$40,000 to less than \$60,000													9.1%	60
\$60,000 to less than \$80,000													11.3%	74
\$80,000 to less than \$100,000													12.3%	81
\$100,000 to less than \$120,000													13.4%	88
\$120,000 or more													47.6%	313
													answered question	657
													skipped question	169

What ethnic group do you consider yourself a part of or identify with? Select all that apply													Response Percent	Response Count
Answer Options														
African-American/ Black													1.5%	10
Asian Indian													6.2%	43
Caucasian/White													78.4%	540
Chinese													8.3%	57
Filipino													2.5%	17
Japanese													3.9%	27
Korean													1.3%	9
Latino(a)/ Hispanic													6.1%	42
Pacific Islander													1.5%	10
Vietnamese													0.9%	6
Other Asian													0.6%	4
													Other (please specify)	19
													answered question	689
													skipped question	137

Corrections & Comments supporting Draft Stevens Creek Feasibility Study



PARKS OF THE FUTURE PLAN

FOCUS GROUP SUMMARY

MARCH 2008

Prepared by



OVERVIEW OF FINDINGS

This summary includes findings from four focus group sessions: General Stakeholder; Arts and Culture; Sports Groups (including two break-out groups: Adult & Youth Sports and Golf); and Neighborhoods. These focus groups were held between March 10 and March 18 and were designed to reach civic leaders, individuals and representatives for input on current community priorities, issues, perceived needs, and opportunities. (A complete list of participants of each focus group session can be found in Appendix A.)

The primary purpose of these sessions was to solicit more-in depth opinion about needs and perceptions related to Sunnyvale parks and recreation facilities. The focus groups' input will inform the development of the *Parks of the Future Plan*, a strategic document that will guide parks and recreation planning for the next 20 years.

Across all focus groups, several key themes and issues emerged:

- Need for a **first-rate community center downtown**, contributing to a stronger identity and sense of place in Sunnyvale;
- **Strong neighborhood parks as a focal point** in all—especially new and growing—residential neighborhoods;
- Need for creative means to **integrate the arts into residents' daily lives** and outdoor spaces;
- Need for **more exhibition and sports facility space** (at a minimum, improved mechanisms for reserving and sharing facilities for sports and recreation);
- **Growing concerns that residents from nearby cities have been crowding** Sunnyvale facilities
- Need for new **parks and facilities that reflect an increasingly diverse population**, in age and ethnicity; and
- **Balance revenue generation with the need to maintain high quality but low cost programs** for all Sunnyvale residents.

GENERAL STAKEHOLDER FOCUS GROUP SUMMARY

PRIMARY ISSUES

Crowded facilities; Underused by youth

- Participants expressed concern over both overuse and a lack of use in Sunnyvale parks. Some facilities continue to be overcrowded on weekends, with a perception of use by out of town visitors, and picnic and other areas that prevent drop-in use. At the same time, the group wanted to see more youth use of the park and recreation system.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Stronger data to understand consumers

- To address overcrowding, participants discussed the need to understand where weekend users are coming from and whether or not they are residents. Focus group participants also saw a need to address changing demographics (ethnicity and age), ensuring that parks and recreation facilities keep pace with the community's needs.

Integration of parks and new development

- Participants stressed the need to integrate new park development with new housing and other development. Participants also discussed opportunities to partner with area businesses, such as Google, to build more parks.

An expanded vision of what parks can provide

- Participants promoted several new concepts to expand the concept of what parks and recreation can provide for Sunnyvale residents, such as promoting civic pride, identity and health, and providing opportunities for environmental education and gardening.

PRIMARY NEEDS FOR SUNNYVALE RESIDENTS (General Stakeholders)

Understanding unique demographic needs

- Participants encouraged parks planners to look at existing activity and demographic research about parks and their users to determine future needs for the Sunnyvale park system. Specifically, participants saw a need to assess "time of life" activities; while young children use park facilities, more appropriate and appealing unstructured programs and facilities for teenagers are required. The needs of specific ethnic and cultural groups should also be examined, and detailed information about which residents are using which facilities should be gathered.

Youth sports and facilities

- As mentioned above, particular concern was expressed about developing adequate facilities for youth activities. Although there is sufficient demand for active recreation, some participants were also concerned that organized sports were given priority over spontaneous and informal recreation. While participants did mention that the City offers strong youth programs, they also remarked that park and recreation areas do not seem as busy with youth activity as they have been in the past, both on courts in the winter and with unprogrammed uses.

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TWENTY-YEAR VISION (General Stakeholders)

The group discussed their vision for what the Department should deliver to the community over the next 20 years.

Additional facilities

- The group mentioned several specific long-term goals, including a sports complex in the center of town; space to accommodate the increased demand for cricket players; and the need to develop more pocket parks within ¼ mile radius of residents to address the needs of small children. As before, the group stressed the need to tailor amenities to meet the needs of a changing population.

Parks as community centers

- The group discussed the idea of expanding the concept of parks and recreation to include community services, while stressing that structured parks for active recreation will always be needed. Participants expressed an interest in developing parks on a community-based model that incorporates a wide array of services for residents. They felt that a “neighborhood-oriented” park system would ensure diverse, neighborhood-serving facilities and programs, as opposed to a “function-oriented” system serving a limited range of specific activities.

Finding a balance to generate revenue

- The group acknowledged the need to increase and maintain fee-based activities such as golf, and to promote these activities as a way to support other parks and recreation programs. However, fee-based activities should not be emphasized to the point that they become exclusive or unattainable for low-income populations.

CRITICAL PARTNERS IN ACHIEVING THE VISION (General Stakeholders)

Community organizations

- Participants listed several existing and potential partners that can be strong allies with the Parks and Recreation Department. These included the school district (e.g., Columbia School/community center health and language classes, developed through joint use agreements), social and health services, hospitals (e.g., Kaiser’s farmers’ market), and several other nonprofits including Sustainable Community Gardens.

Community residents

- The group spoke of the need to partner with voters to ensure adequate financial support for the development of future facilities.

New alliances

- Participants encouraged the Department to seek out agencies with common goals, and to explore “off site” ideas, such as programs that could take place in the mall or throughout Sunnyvale. The group also discussed the potential for more collaboration with the business community at large and the Chamber of Commerce to enhance the park system.

ARTS & CULTURE FOCUS GROUP SUMMARY

PRIMARY ISSUES

Overall, focus group participants highlighted two main issues facing the arts and culture community: a lack of financial support, and a lack of exhibition space—a topic they discussed in great detail.

Lack of exhibition space: visual arts

- Participants expressed great pride in the Raynor Activity Center as an iconic Sunnyvale facility, and discussed the need for more studio space to address the key challenge of audience development. According to participants, visual arts are simply not “on the radar screen” of Sunnyvale residents, and more studio and exhibition spaces are needed throughout the community to raise the arts’ profile. Places to display art at no charge, except for the library, are few; the Sunnyvale Arts Club has a demonstration once a month, but there is an entry fee. The group has explored options for public displays, but has found that a dedicated exhibition space, as well as other ideas for public art displays, would be necessary. The group’s input consistently reflected the desire to increase visibility of art in all Sunnyvale neighborhoods, integrating art into civic pride and identity.

Lack of exhibition space: performance arts

- While some participants felt that performance arts are typically favored and supported over visual arts, others stressed the need to increase performance arts space. Performance groups throughout the Silicon Valley are looking for space, and medium-size performance halls that accommodate 450-500 people are needed. Participants referenced the 500-plus performances per year at the Sunnyvale Performing Arts Center as an indication of the strong demand for performing arts space in the community.

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OTHER CRITICAL NEEDS (Arts and Culture)

New concepts for art in outdoor facilities

- Participants discussed the need to think outside the box to accommodate arts and culture needs. They referenced some superior facilities, such as Columbia Neighborhood Center, Lakewood, and Encinal Parks, and suggested ideas such as creating more public art, bringing more art celebrations into parks, and adding amenities to encourage making art outdoors, including spigots for hand washing.

Better understanding of demographics

- The group discussed the need to ensure adequate arts programs for children, but also felt that all user data should be analyzed to determine interest and demand for specific arts programs, as well as where those programs should take place.

BARRIERS TO PARTICIPATION (Arts and Culture)

Cultural and ethnic issues

- The Department is currently conducting community outreach, and has a marketing specialist working to engage various ethnic groups. Still, the group felt these efforts could be expanded – for example, more outreach to the Russian community, and general partnerships between arts and culture and ethnic groups (particularly to address language barriers). Other outreach efforts could include developing foreign language performance groups, connecting with youth in schools, and looking to models such as the South Indian dancing groups. The group also noted that modern outreach methods and activities, including new media and digital photography, would engage more people. They stressed that working through the Department’s very active Teen Advisory Council would be an important factor in the growth and success of arts programming.

Financial issues

- Participants highlighted the common financial issues for arts and culture that limit new projects. The group suggested finding new funding and project partners, including businesses and San Jose State, to alleviate these financial problems.

IMPORTANT PROGRAMS TO MAINTAIN (Arts and Culture)

Participants mentioned some existing programs that could be enhanced, particularly the Euphrat Museum of Art, which provides free classes and has a relationship with Sunnyvale’s three “at risk” school districts (out of five total). The group proposed that this program be made an official part of the parks and recreation budget, instead of requiring an annual funding

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request. The group also mentioned the wealth of classes at the Creative Arts Center, especially the strong ceramics classes, and wondered about partnerships with the Sunnyvale Historical Society and Museum Association.

VISION FOR THE FUTURE (Arts and Culture)

Participants stressed the core concept that art builds communities and should be integrated into our communities. Strong themes included taking art into neighborhoods and having more community-driven art projects in order to help Sunnyvale develop a unique identity and sense of place. Promotional ideas included:

- Connecting the arts with environmental efforts, through “green art” or an “eco-art” program and by working with local gardens
- Bringing in regional artists to work with children in the schools.
- Linking studios to communities—open Raynor art studios to students and develop more civic outreach from the studios. Provide support for the artist’s open studios event, and look to surrounding communities for models .
- Developing more collaborative, community-built public art. Focus on engaging children and youth (who can then get their parents involved), through an outdoor family art appreciation day, a “paint out,” or by building installations in public places such as a kids’ puppet stage.
- Promoting art as a way to develop a sense of place.
- Having the City Council develop criteria for art projects to promote a stronger community vision and pride.
- Encouraging art as communication throughout City spaces, such as through a “City Camera Day” when everyone is encouraged to take and post pictures of their communities.
- Continuing to support studio space at Raynor Activity Center, an invaluable resource for local artists, and acquiring additional studio space.
- Encouraging developers to involve the community when designing required public art projects.

SPORTS GROUPS FOCUS GROUP SUMMARY

PRIMARY ISSUES

Safety and maintenance issues

- Participants expressed some concerns about safety in parks, referencing a recent gang fight and particular issues with Fair Oaks. The group mostly focused on maintenance issues to keep parks safe, welcoming, and well-used. In addition to calls for improved general maintenance, participants noted several watering issues (e.g., the broken sprinklers at Ponderosa Park), and maintenance issues at the old gymnastics facility.

Facilities sharing and concurrence issues

- While some participants commented that Sunnyvale is a land-poor area with a need for more dedicated parks and open space, most participants focused on issues of scheduling at existing parks and recreation facilities. Some felt that the mechanism for sharing facilities has become awkward, and that coordination across activities and scheduling could be improved to avoid conflicts between adult and youth sports group and concurrent demands for fields. Additional joint-use agreements with school spaces were promoted as a possible solution; participants noted that the Peterson School was a missed opportunity.

Financial issues

- The group agreed that the underlying theme behind all these issues is the money required to resolve them. They stressed the need to keep golf courses and the Las Palmas Tennis Center going strong, since they generate revenue and help subsidize other facilities.

MEETING THE NEEDS OF SPECIFIC POPULATIONS (Sports Groups)

Ethnic groups and specific age groups

- Participants stressed the need for more outreach to the senior population, and that this population should be considered when developing programs. Participants also suggested collaboration with the diverse ethnic populations in Sunnyvale to ensure culturally appropriate activities. The group pointed out that the City should understand the needs of the youth population, while not focusing too much on short-term fads or trends.

Specific facilities

- The group mentioned that tennis is not as popular as it once was, and that other facilities should be considered. The group also discussed locating additional space for cricket. Cricket players have been playing on the Lakewood baseball field (in addition to at

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Ortega Park, where there is a permanent cricket pitch), and participants explained that this group needs more dedicated space for their sport. Across the board, the group pointed out that programs such as fee waivers or fee assistance should be maintained to guarantee that everyone has access to Sunnyvale's facilities.

Non-resident populations

- The group debated critical issues of overcrowding; the general feeling was that the problem is created when residents from other cities such as Mountain View and Los Altos use Sunnyvale's facilities. However, addressing this situation will be a "monumental task," since Sunnyvale offers some unique programs and facilities, such as competitive swimming and lawn bowling, that other cities lack. The group shied away from making Sunnyvale's facilities exclusive by opening them only for residents, but did discuss other ways to manage overcrowding, such as charging non-resident fees at golf courses.

SPORTS GROUP FOCUS GROUP: ADULT AND YOUTH SPORTS BREAK-OUT

Specific Facility Needs

Break-out group participants suggested several new facilities to accommodate a wide variety of sports users. Better field maintenance and concerns over accommodating the gymnastics program were particularly stressed. Other specific suggestions included:

- A facility with at least two dedicated softball fields in the same location.
- A city gymnastics recreation program (as opposed to the current arrangement where the City contracts with a provider for gymnastics classes offered at the Community Center), which would coordinate with the Gymnastics Club to acquire more dedicated space for gymnastics. Group members expressed a desire to "get the box back" – a large facility at the community center – and pointed out that gymnastics space needs are approximately 15,000 square feet.
- All-weather turf and lighting (through a potential collaboration with area high schools).
- Permanent or semi-permanent soccer goals.
- More lanes and increased hours for lap swim at Washington and Lakewood Parks' aquatic centers.
- A track and field facility.
- A teen center in Lakewood Park.
- A locker room at the Murphy Park Building for the Senior Table Tennis Club.
- Bocce courts.
- A covered dugout at Little League baseball fields.

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Facility Reservations and Space-Sharing Needs

- Like the larger focus group, break-out group discussions emphasized the lack of space for recreational programs, scheduling with other groups, and the need for a new facility reservation system. Specifically, participants felt that equity and transparency in the reservation system could stand improvement, to dispel the appearance of unfair treatment. Currently, different organized sports groups use various methods for reserving fields. Some groups make reservations using letters and others use telephones, while some contact the City, and others are contacted by the City. No groups use a single online reservation system. Regarding the perceived lack of space, some organized sports have grown in popularity, but have not been allotted additional space for their programs. For example, participation in the Sunnyvale Alliance Sports Club has grown 52% in the last two years with no changes in the amount of field space.

The group offered several possible solutions, including:

- Have the city develop and publish a policy that allots space based on need and league enrollment.
- Look for ways to use any unused facilities or extra land. Use models of creative reuse such as City pump stations, and make use of underutilized properties, such as building fields on top of water storage facilities.
- Remove baseball practice field backstops to free space; soccer players in particular commented that they have had to be creative in trying to find ways to maximize space.

SPORTS GROUP FOCUS GROUP: GOLF BREAK-OUT

A break-out group of active golfers convened to discuss issues related to golf in Sunnyvale. The key points of the discussion are summarized below.

- Residents love both of their golf courses, and see Sunnyvale making golf accessible to all residents.
- The current configuration of the 18-hole course makes it unusable during rainy weather; pathway improvements would change this. Young people are also playing at this course, as high school golf teams use it.
- Sunken Gardens is special in many ways. It is an ideal location to learn to play golf, and also lends itself to promoting the sport as a family activity for all generations. In the past, the restaurant was well-maintained and popular; improving the quality and selection of food available might attract even more users. One participant volunteered to spearhead a beautification effort at Sunken Gardens to entice more people to play the course, or visit for special events.
- Fees are rising, but maintenance does not seem to be keeping up with wear and tear. The group proposed a fee menu divided into the following groups: resident, non-resident, youth, and seniors (60 and over).

NEIGHBORHOODS FOCUS GROUP

PRIMARY ISSUES

Concerns about the Department's focus on revenue generation

- Maintaining a balance of free, high quality services with those that generate revenue was discussed by other focus groups. However, the neighborhood focus group expressed a significant amount of concern about this particular issue. Specific comments, or areas of concern, included:
 - The City is trying to turn into “profit center,” which is not a city's job.
 - Many free services and facilities are being converted to fee-for-use City services.
 - There is a proposal to place cellular towers, which would require eight by ten foot sheds, into parks to generate revenue. The focus group would like to see other options, such as underground placement. There is a sense that the City Council is “holding hands with business.”
 - There is a concern that those who pay direct maintenance or usage fees have priority for use, which can prevent access to those without financial resources.
 - There is a perception that access to community pools is limited, and residents have to pay for entrance and lessons. Some of the group felt that pools and their staffing are already paid for through City taxes, and use fees should therefore not be charged.
 - Many families cannot afford private facilities such as the YMCA. The group saw a need for the City to develop a recreation center that is available to all.
 - Participants noted their perception that the City does not directly offer all the recreation classes, and that contractors who do offer classes are motivated to offer those that produce the most revenue.

Concerns about high-density development

- As did other focus groups, this group discussed new pressures on park use and overcrowding issues. This group focused on how increasing density and residential development in Sunnyvale have burdened existing parks. They felt that the City has not yet kept up with demand by creating new neighborhood parks. The group preferred that land for a park—even a small one—be set aside with all new developments, rather than the City accepting a fee in lieu of park land. The group provided examples, such as Butcher's Corners, where even small additional parks would be welcomed.

Need for a vision – a unifying center and widespread neighborhood parks

- The group discussed the need to have a unifying center, such as a “one-stop-shop” recreation center, which would draw users from across Sunnyvale and could give the City a clear identity and focus. To supplement this center, individual neighborhoods

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must be served with neighborhood-oriented parks. Participants suggested that this “hub and spokes” vision could be achieved by partnering with schools to develop joint uses, or by siting more parks near schools. While the idea of a central hub was popular, some participants expressed concern that travel distance could be a barrier to use, and promoted the idea of more localized, mixed-use facilities for neighbors to gather.

Specific facility maintenance issues

- Participants commented on specific facility maintenance issues that require attention throughout the City. These issues included:
 - Need for increased financial support for maintenance, specifically for bathrooms.
 - Need to enhance safety by increasing lighting.
 - Perception that Washington Park is run down, and speculation that it is difficult to maintain due to its odd shape.
 - Feeling that the Peterson Pool has been allowed to “rot.”
 - The Lakewood Pool is in a beautiful area that is underserved, but the pool is not heavily used and there is not enough pool equipment.

IMPORTANT FEATURES TO MAINTAIN (Neighborhoods)

Shared use facilities

- Participants stressed several times that “public-private sharing is a good thing.” The group repeatedly called for more facility-sharing with schools as a way to bring more events into communities and better utilize schools’ space. (One participant mentioned that recreation classes in Santa Clara are tied in with the schools and are cheaper, so they attend there.)

Specific programs

Participants named several specific programs and facilities that they value, or would like to see in the future, including:

- Free yoga classes;
- Hand on the Arts;
- Special events for different ethnic groups;
- Open gym;
- A traveling arts program, similar to the Bookmobile;
- Summer playground;
- Park and Recreation buildings in general (used for neighborhood meetings, dance classes, etc.);

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- Cooking classes;
- 4th of July celebration in Washington Park;
- Sunnyvale youth basketball league; and
- The community center grounds.

Baylands

- The group devoted a considerable amount of discussion to the use of Baylands. The group expressed several concerns about the open space, including having to pay to park and inconvenient access. Other concerns voiced were that the facility does not attract children and youth, and that it looks overgrown. Participants did note that they like the existence of such open space, and that senior citizens enjoy walking there, though their access is limited by the parking fee.

SUGGESTIONS FOR IMPROVED AMENITIES AND FEATURES (Neighborhoods)

Community access

- In general, participants would like to see more bicycle use and better bike paths connecting residents to recreation facilities. Currently, cyclists have to move through substantial auto traffic to access parks and recreation centers. The group also revisited the need for a community center or focal point that would draw visitors from the entire area, but offer discounts for residents. This could take the form of an updated performance arts center, a center for local artists, or a space with indoor and outdoor sports facilities.

Washington Park

- Participants commented extensively on potential features at Washington Park. They suggested a focus on multi-generational uses and facilities, including tennis courts, enhanced basketball courts, improvements to the swimming pool, improvements to the recreation room, a play area for kids that can accommodate all ages, large trees, picnic tables, and places to cook, snack, and shop during baseball season.
- Participants stressed the value of neighborhood parks located within easy walking distances, with plenty of amenities and nominal fees.

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NEIGHBORHOOD PARKS

Suggested amenities for other parks

- **Murphy Park:** While residents like to use the building and the lawn bowling areas at Murphy Park, it lacks ambience. The group suggested adding space for political debates and conversation groups.
- **Ortega Park:** The group praised the maintenance at Ortega, but suggested bigger discounts (or some preference given) for Sunnyvale residents for programs and events offered at the park.
- **Baylands:** Participants said that they love to walk at Baylands, but also introduced the idea of developing an area where they could access a plethora of amenities on one site, including active recreation.

PARKS OF THE FUTURE – A 20 YEAR VISION

Participants ended the focus group with their vision for the future, which included:

- parks being integral to neighborhood definition and togetherness, and
- sustainability, adding features such as recycling, and wind- and solar-powered facilities.

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APPENDIX A: LIST OF PARTICIPANTS

ARTS & CULTURE

Participant Name	Representing	Focus Group/Date
Audrey Wong	Arts Council of Silicon Valley	Arts - March 13
Diana Argabrite	Euphrat Museum	Arts - March 13
Diana Yu Johnson	Sunnyvale Art Club	Arts - March 13
Flo Wong	Artist renting studio space at Raynor Activity Center	Arts - March 13

NEIGHBORHOOD

Participant Name	Representing	Focus Group/Date
Betty Morin	San Miguel Neighbors Association	Neighborhood - March 18
Gopal Patangay	Sunnyvale West Neighborhood Association	Neighborhood - March 18
Kitty Chuang	Ortega Park Neighborhood Association	Neighborhood - March 18
Lorraine Larzabal	Morse Avenue Neighborhood Association; HOA Parkside Villas	Neighborhood - March 18
Lynn Asawa	Birdland Neighborhood Association/Sunnyvale Swim Club	Neighborhood - March 18
Milena Matzinger	Charles Street 100 Neighborhood Association	Neighborhood - March 18
Tara Martin-Milius	San Miguel Neighbors Association	Neighborhood - March 18

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STAKEHOLDERS

Participant Name	Representing	Focus Group/Date
Bob Kinder	Parks and Recreation Commission	Stakeholders - March 10
Bob Obrey	Arts Commission	Stakeholders - March 10
Holly Lofgren	Friends of Fremont Pool	Stakeholders - March 10
JoAnn Barr	Kiwanis Club of Silicon Valley	Stakeholders - March 10
Josh Salans	Sustainable Community Gardens	Stakeholders - March 10
Pat Vorreiter	Former Mayor	Stakeholders - March 10

SPORTS

Participant Name	Representing	Focus Group/Date
Al Mendoza	Lawn Bowling	Sports - March 10
Bob Carpenter		Sports - March 10
Chi-Kin Lee	Senior Table Tennis	Sports - March 10
Chuck Tapella	SG Couples (golf)	Sports - March 10
David Natwick	Sunnyvale Alliance Soccer Club	Sports - March 10
David Peterson	California Sports Center	Sports - March 10
Debbie Mendoza	Lawn Bowling	Sports - March 10
Diane Ammon	Gymnastics Club	Sports - March 10
Dolf Placencia	Sunnyvale Alliance Soccer Club	Sports - March 10
Francisco Rodriguez	Sunnyvale Sports Association	Sports - March 10
Gordon Markley		Sports - March 10
Isabel Shaw	SG Tuesday Ladies' Club (golf)	Sports - March 10
Jackie Rusch	Lawn Bowls Club	Sports - March 10
Joan Jacobson	Ladies' Golf Club	Sports - March 10
Karen Howard	Lakewood Pony Baseball	Sports - March 10

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Ken Waln	Sunnyvale Swim Club	Sports - March 10
Masood Mokhtary	Sunnyvale Alliance Soccer Club	Sports - March 10
Roger Geerts	SG Men's Golf Club	Sports - March 10
Sandra Havelka	Skyhawks Sports Academy	Sports - March 10
Skip Rice	Lawn Bowling	Sports - March 10
Wendy Bockholt	Sunnyvale Southern Little League	Sports - March 10
Willa Markley	SG Thursday Ladies' Club (golf)	Sports - March 10

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City of Sunnyvale Parks and Open Space of the Future Plan
October 13 Intercept Survey Summary

Prepared by:



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October 2007

Introduction

On October 13, 2007 staff from the Sunnyvale Parks and Recreation Department and MIG staffed a Parks and Recreation booth at the Sunnyvale Pancake Breakfast. In addition to distributing information about the Parks and Recreation Department, staff administered a four question “Intercept” survey of Sunnyvale residents. The survey was designed to provide a snapshot of resident attitudes and preferences for parks and facilities. One hundred surveys were completed, providing both the City of Sunnyvale and MIG a measurable amount of citizen sentiment that will inform the Parks and Open Space of the Future planning process.

Findings

Findings from the survey are listed below. A copy of the survey is included in this report as appendix A.

Length of Residency

56 Percent of survey respondents have lived in Sunnyvale for over 10 years

18 Percent of survey respondents have lived in Sunnyvale for 5-9 years.

26 Percent of survey respondents have lived in Sunnyvale for less than 5 years.

Favorite Park

Ortega, Las Palmas and Washington were the most commonly cited favorite Sunnyvale Parks. Raynor, De Anza and Serra Park were noted as favorites with less frequency than the other parks.

In response to the question about “why” these parks were selected as favorite parks, the most common answers were: proximity, water features and facilities for kids.

Preferred New Parks or Facilities

The top three responses to a question about preferences for New Parks or Facilities were:

1. Parks in neighborhoods
2. Pathways to connect neighborhoods
3. Sports and Aquatics Complexes

Preferred New Programs

The top three responses to a question about preferences for new programs were:

1. Programs for children
2. More special events for the whole family
3. Activities for teens

Other Comments

In addition to the survey questions, residents provided feedback about various aspects of the Sunnyvale Parks program including the need for improved playground equipment at Serra Park and increased programming offerings for disabled youth.



Next Steps

Public involvement activities will be ongoing during the Parks and Open Space of the Future Plan. An online community questionnaire and objective/random telephone survey will both move forward in November, 2007.

City of Sunnyvale Parks and Recreation Department

Parks and Recreation Survey

Hello! The City of Sunnyvale is beginning a Parks and Open Spaces of the Future Planning Process and we need your input. Please help us get a better understanding of what your park usage and preferences are by taking a moment to answer the following questions.

1. How long have you lived in Sunnyvale?

- Less than one year
- One to four years
- Five to nine years
- Ten to 15 years
- Fifteen years or more

2. Do you have a favorite Sunnyvale Park? Yes/No

If yes, which one? _____

Why?

3. If Sunnyvale could add new parks or facilities, what is the most important?

- Parks in neighborhoods
- Pathways to connect neighborhoods and commercial areas
- Access to the Bay Trail and shoreline
- Community Centers with spaces for many activities & group meetings
- Sports and Aquatics Complex
- Park areas for dogs
- Other special use parks such as _____
- Nothing, Sunnyvale has plenty of parks

4. What types of new programs should Sunnyvale provide?

- Programs for children
- Activities for teens
- Classes to support lifelong learning
- More special events for the whole family
- Services for older adults

INTERCEPT EVENTS SURVEY SUMMARY

HEALTH AND SAFETY FAIR 2008

HANDS ON THE ARTS 2008

The following tables were provided by the Sunnyvale Parks and Recreation Department to summarize two intercept events, the Health and Safety Fair and Hands on the Arts, where they administered surveys.

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ADMINISTRATIVE DRAFT / APPENDIX G

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Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-2: ADULT

Which Event	Resident	How long	Cross streets	Strengths	Strength	Strength	Weakness	Weakness	Weakness	Opportunities	Opportunities	Opportunities
Health & Safety	0			Clean parks	variety activities	great play structures	parks booked for parties					
Health & Safety	1	11	El Camino/Bernardo	All over the place close by	good for walking		no rock climbing facility	grass pollen-allergy to my son	no much facility in the park/ not enough activity	create job opportunities		
Health & Safety	1	1	Fair Oaks	Safe	Clean	Nice	None			school	recreation	
Health & Safety	1	16	Wolfe/Homestead	Tennis courts	nice environment		no organized activities in the parks	Need more outdoor gym equipment				
Health & Safety	1	14	Lawrence/Tasman	Quantity - Lots available			Entrance fee to Baylands					
Health & Safety	1	2.5	Borregas/Duane	Clean parks	spacious	shaded	Need modernized amenities	Need Community awareness/activities	Activities are planned during 8a - 5 p.m time - hard for working parents to accommodate youth program schedules	offer kids program at non-work times	updated physical activity equipment for adults (lap/exercise equipment)	
Health & Safety	1	8	Mathilda & Hwy237	well maintained	pretty	friendly	not enough of them, especially north of Hwy101 & west of Fair Oaks	Not enough shady areas	Canopies and Self-setup tables are not allowed and there's not enough non-reservable tables	Borregas Ave House is condemned - could be converted to a pool house	rental units adjacent to park at Orchard Gardens Park could be converted to park	
Health & Safety	1			all are good								
Health & Safety	1	14	Borregas/Mathilda	Play structures	Clean		Closed during school hours	Gate around Columbia Park	Facility rental (rooms, particularly) too expensive for me to utilize	would love to see public program with the ropes Course at Baylands		
HOTs	1	9	Homestead & Wright	Water play	clean	activities	parking					
HOTs	2		Cupertino	Great trees	family playgrounds				Banquet room rentals	playground	picnic/sports	The Community Center could be more vital if info was more readily available about activities in all buildings - Sports; Theatre (Need a marquee, lights/flags or posters to make it more visible); Sr. Ctr; Museum
HOTs	1	45	Fair Oaks & El Camino	picnic bbq's	swing playgrounds	active room	rooms cost too much to rent	rent a room is max 2 hours	Free for Sunnyvale resident to rent room in a building for max 3 hours.			
HOTs	1	33	Belleville & The Dalles	open areas					Group events			
HOTs	2		Santa Clara	Clean	recreation facilities	playgrounds	manage equipments	improvements in recreation equipments		fun fairs	sports events	
HOTs	1	30	Hollenbeck	nice shade	Clean		parking			Another skate park for younger kids		
HOTs	1	20	Swallow	plenty of them	updated equipment							
HOTs	1	12	Wolfe & Fremont	Lots of them	Good bathrooms							
HOTs	1	3	Reed & Evelyn	Lots of them	Easily accessible	safe and friendly	not upgraded	not very clean	parking is an issue	more parking	cleanliness	better TINYtots
HOTs	1	8	Mary & El Camino	Convenience	Safe	Fun	Not enough water activity			more water activities		
HOTs	1	3	Homestead	clean	not crowded	good playground						
HOTs	1	30	Borregas & Maude	Great being outside (clean)	programs for children to go to	Areas where the children could get wet during hot weather	have more programs for children	some of the picnic areas		keep clean environment	have water activities & field trips	have gatherings for children

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Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-1: ADULT (continued)

Which Event	Resident	How long	Cross streets	Strengths	Strength	Strength	Weakness	Weakness	Weakness	Opportunities	Opportunities	Opportunities
HOTs	1	1	Remington	Community Center as park is comprehensive								
HOTs	1	4	Tasman & Lawrence	dog parks	shade	water features	more dog parks (not any in northern part of City)	need to focus on water saving California native plants	BBQ pits and picnic tables	to have large body of water, like Vasona in Los Gatos	Use native plants and educate people on why to use and how to use	I don't go to many parks but would like a map of them to explore them. I'll use the one in Community Activities Booklet (Note thinks Baylands is dog area)
HOTs	1	20	Wolfe & El Camino	Ortega is the best!! Great structures!			old wood structures	run down structures		Please improve the structures; update them	more trees near the structure	include structures for age ranges
HOTs	0		Cupertino	Kept nice and clean						lots of sports activities		
HOTs	1	1	Manet & Remington	clean	Lots of activity for kids	Lots of space				do birthdays	jog	cycle
HOTs	1	4	Henderson	good environment	clean and neat	good and helpful staff	more activity	more slides	no see saw	HOTs	birthday parties	
Park Hopper	0		Mountain View	clean	have bathrooms	have parking	put more care into keeping up the bathrooms			group meetings	play days	daycamps
Park Hopper	0		Palo Alto	water activities	nice, clean restrooms	shade areas/sitting	too far from Palo Alto!			climbing wall (Ortega)	stream play (Serra)	Water play (Las Palmas)
Park Hopper	0		Palo Alto	quiet locations	clean, w/ good utilization	variety of equipment				getting together w/ friends	open arrangement	multi-age appropriateness
Park Hopper	0		Mountain View	lots of grassy areas	lots of picnic areas	nice play structure	wood chips used too much (sand is better)	not enough mat-covered playgrounds for babies and toddlers		big band concerts	open mike shows	dance workshops
Park Hopper	1	6	Mary & Homestead	variety of activities	cleanliness		cost associated with rentals	difficulty dealing with staff through whom rentals are done				
Park Hopper	0		San Jose	clean	good restrooms	water to drink	creeks	shade		community center (for meetings)	open grassy areas for play and running	sand, water and climbing structures
Park Hopper	0		San Jose	clean	variety of play structures	family friendly	some play structures are in direct sunlight			park hoppers homeschool meet	birthday parties	
Park Hopper	0		Campbell	clean, well kept	water is on	diverse for all ages	Las Palmas is hard to watch kids which are younger			water	picnic tables	play equipment
Park Hopper	1	10		well maintained	Good variety of play equipment	good parking; clean	too much watering of grass	not letting kids climb trees	some parks not well patrolled for	play opportunities	groups can meet	
Park Hopper	1	20	Hollenbeck &...	number of parks available	all parks are clean and	parking is available	none	(some parks have no soap)		children can get wet in some of the parks		

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

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Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-4: OPPORTUNITIES

Opportunities	Frequency	Variations
create job opportunities		
school		
Facilities for meetings	4	Free for Sunnyvale resident to rent room in a building for max 3 hours.
offer kids program at non-work times		
Borregas Ave House is condemned -- could be converted to a pool house		
would love to see public program with the ropes Course at Baylands		
playground		
fun fairs		
Another skate park for younger kids		
more parking		
more water activities	3	
keep clean environment		
to have large body of water, like Vasona in Los Gatos		
Please improve the structures; update them		
lots of sports activities		
do birthdays		
HOTs		
climbing wall (Ortega)		
getting together w/ friends		
big band concerts		
play opportunities		
recreation		
updated physical activity equipment for adults (lap/exercise equipment)		
rental units adjacent to park at Orchard Gardens		
Park could be converted to park		
picnic/sports		
sports events		
cleanliness		
have water activities & field trips		
Use native plants and educate people on why to use and how to use		
more trees near the structure		
jog		
birthday parties		
play days		
stream play (Serra)		
open arrangement		
open mike shows		
open grassy areas for play and running		
birthday parties		
picnic tables		
groups can meet		

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-3: OPPORTUNITIES

Opportunities	Frequency	Variations
The Community Center could be more vital if info was more readily available about activities in all buildings - Sports; Theatre (Need a marquee, lights/flags or posters to make it more visible); Sr. Ctr; Museum		
better Tinytots		
have gatherings for children		
I don't go to may parks but would like a map of		
Include structures for age ranges		
cycle		
daycamps		
Water play (Las Palmas)		
multi-age appropriateness		
dance workshops		
sand, water and climbing structures		
play equipment		

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Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-5: FUTRE ACTIVITIES -YOUTH

Future activity 1	Frequency	Variations
Act out Star War Scenes		
arts and crafts	2	
baseball	4	
basketball	4	
bike	3	
bowling		
bring all webkinz		
bring my dog		
climb	2	
do competitions		
fairs		
fly kites		
football	4	
free ice cream	2	
gymnastics		
hang with friends	3	more benches
have barbeques/picnics	2	
Have teams at parks more		
jog		
jump rope		
monkey bars		
more activities		
more clean grass		
more creeks		
more games		
more playgrounds	2	more swings; merryg-go-round
party rooms		
Play in sand and water	4	
play on trees		
play sports	2	
play webkinz tag		
remote control airplanes		
rent a ball center		
Restore Dog House		
rock climbing	2	
roller blade on smoother surface		
run	3	
scooter	2	
skate board	2	
soccer	6	
sprinklers		
Summer camps, etc.		
swim	12	
swing	4	
tag	2	
tennis	4	
think		
ultimate frisbee		
volleyball	3	

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Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-6: WEAKNESSES

Weakness	Number of times mentioned	Variations
parks booked for parties		
(some parks have no soap)		
Activities are planned during 8a. - 5 p.m time - hard for working parents to accommodate youth program schedules		
Rental costs--	4	Banquet room
BBQ pits and picnic tables	2	
Canopies and Self-setup tables are not allowed and there's not enough non-reservable tables		
Closed during school hours		
creeks		
difficulty dealing with staff through whom rentals are done		
Entrance fee to Baylands		
Gate around Columbia Park		
grass pollen-allergy to my son		
Group events		
improvements in recreation equipments	7	moderized amenities, manage it, more; more slides; see saw; more mat-covered playgrounds for babies and toddlers
Las Palmas is hard to watch kids which are younger		
more dog parks (not any in northern part of City)		
Need Community awareness/activities		
need to focus on water saving California native plants		
not much facility in the park/ not enough activity	4	need more for children
no rock climbing facility		
not enough of them, especially north of Hwy101 & west of Fair Oaks		
Not enough shady areas	3	play structures not shaded
Not enough water activity		
not letting kids climb trees		
not upgraded	2	run-down structures
not very clean	2	bathrooms
parking	3	
rent a room is max 2 hours		
some parks not well patrolled for illicit activities		
too much watering of grass		
wood chips used too much (sand is better - less splinters)		

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Survey Summary from the Health and Safety Fair and Hands on the Arts 2008

TABLE G-7: Strengths

Strengths	Number of times mentioned	Variations on Response
active room		
all are good/"nice"		5 pretty
bathrooms		5 2 on cleanliness
Clean		19
Community Center as park is comprehensive		
diverse for all ages		
dog parks		
friendly		4 good and helpful staff
Fun		
good environment		3 trees
good for walking		
good utilization of space/equipment		
lots of picnic areas		2
parking		3
playground		12 variety, Ortega
programs/activities		2 2 for children
Quantity - Lots available		7 accessible
quiet locations		
recreation facilities		
Safe		4
shade		4
spacious		5 lots of grassy areas
Tennis courts		
variety activities		
water features		5
water to drink		
well maintained		3

COMMUNITY WORKSHOP RESULTS SUMMARY

One community workshop was held on July 24, 2008. Participants had the opportunity to review draft recommendations and strategies for parks and facilities in the City of Sunnyvale. Community members provided feedback on the draft vision, strategic direction, core values, system-wide recommendations, and park-by-park needs.

Responses are provided below.

Table 1: Vision

VISION	NUMBER OF RESPONSES
A safe, secure and healthy place for all people	24
A city managed by a responsible and responsive government	21
A regional leader in sustainability	8
A strong, diverse community	2
A community with a vibrant and innovative local economy	2
A community with a distinctive identity	1

Table 2: Strategic Directions

STRATEGIC DIRECTIONS	NUMBER OF RESPONSES
Provide neighborhood-oriented services	20
Provide a balanced and equitable system	14
Encourage an interconnected and accessible city	11
Lead in sustainable practices	10
Provide sound management and stewardship	10
Enhance Sunnyvale's sense of place and identity	1

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Table 3: Core Values

CORE VALUES	NUMBER OF RESPONSES
Safe, clean and well-maintained	24
Healthy lifestyles	18
Fun and celebration	11
Inclusivity	5
Accessibility	8
Diversity of Experience	2
Flexibility and responsiveness	5
Lifelong learning	8
Environmental stewardship	5

Table 4: System-wide Recommendations

SYSTEM-WIDE RECOMMENDATIONS	NUMBER OF RESPONSES
Continue to implement the playground renovation/replacement program and scheduled resurfacing of sports courts to upgrade aging facilities	13
Proactively target acquisition of land and trails identified within this Plan	10
Amend the City of Sunnyvale's Park Dedication Ordinance to raise the City's adopted park standard to 3 acres per 1,000 residents	10
Encourage an interconnected and accessible city by developing and improving trails, pathways and connections throughout Sunnyvale	10
Implement additional projects as noted in the current Capital Improvement Plan that are consistent with the standards and guidelines in this Plan	7
Evaluate options to add facilities to existing parks to expand recreation opportunities in high density areas, underserved neighborhoods, and undeveloped parks	7
Adopt a level of service standards for parkland and individual park classifications	2
Continue to implement ADA transition plans	2
Follow design guidelines identified within this Plan	2
Develop an identity and signage program for the park system	1
Accept only parkland and trail Rights of Way consistent with this Plan	0
Develop new sports fields as single-use whenever possible	0

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Table 5: Park by Park Recommendations – Mini Parks and Neighborhood Parks

PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
Mini Park			
Fairwood Park	Improve John W. Christian Gateway and identity through signage.	3	
Orchard Gardens Park	Expand the park by converting the adjacent city-owned properties to park use.	3	
	Relocate picnic area to minimize potential conflicts with adjacent residences.	3	
Cannery Park	Maintain current conditions	1	
	Enhance recreation opportunities by using the eastern end of the site	2	
Greenwood Manor Park	Maintain current conditions	2	
	Provide facilities beyond what is typically included in mini-parks in order to meet neighborhood needs in this area.	0	
Victory Village Park	Add tot lot play area to meet design guidelines	1	
Neighborhood Park			
Panama Park	Add children's play areas to meet design guidelines	4	Maintain Current Conditions, Partnership
San Antonio Park	Add children's play areas to meet design guidelines	3	Partnership
Braly Park	Maintain current conditions	0	
Encinal Park	Replace older children's playground area	2	
			Community - Maintain Current Conditions, Identity improvement, programming involvement.
Murphy Park	Add tot play area to meet design guidelines	1	
	Expand the park by developing adjacent city-owned properties	1	

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Table 6: Park by Park Recommendations – Community Parks

PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
De Anza Park	Add additional sports courts (outdoor basketball, volleyball, or tennis) to meet design guidelines.	6	
Ponderosa Park	Maintain current conditions	5	Renovate and repair
	Adapt roller skating rink to accommodate skateboarding features.	5	
Raynor Park	Add additional sports courts (outdoor basketball, volleyball, or tennis) to meet design standards.	5	Maintain current conditions
Fair Oaks Park	Improve pedestrian and bike access from North Fair Oaks Avenue and North Wolfe Road.	4	Add facilities here. Staff - Homeless and alcoholics
	Improve turf quality.	3	
	Resurface southern parking lot.	0	
	Resurface walking path adjacent to NE end of site.	0	
	Improve hardscape around community building, add murals, benches and improve stairway.	1	
Serra Park	Consider relocating the baseball practice backstop to provide additional field space for other recreational activities, such as soccer.	4	
Washington Park	Proceed with renovation and expansion as planning beginning FY 2010/11	3	Partnership, Programming Improvement, Maintain current conditions.
Ortega Park	Maintain current conditions	3	Renovate and repair
Las Palmas	Add additional sports courts (outdoor basketball, volleyball, or tennis) to meet design standards.	3	Maintain current conditions.
Lakewood Park	Improve pathways between parking and group picnic areas	0	Community - Please put lights in the skatepark area.
	Improve surfacing under benches	2	
	Evaluate utility of bleachers, consider removal	2	

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PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
	Consider providing additional resources to meet design guidelines.	2	

Table 7: Park by Park Recommendations – Special Use Area

PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
Fair Oaks Skate Park	Maintain current conditions.	6	Please add lights for night use.
Las Palmas Tennis Center	Maintain current conditions.	6	
Sunnyvale Heritage Center (including Bianchi Barn)	When updating use agreement, consider developing an interpretive trail through the orchard.	4	
	Coordinate programming with active garden/food groups.	6	
Charles Street Community Garden	Maintain current conditions.	3	
Community Center Campus	Maintain current conditions.	1	
Fremont High School (Pool and tennis)	Maintain current conditions.	4	
Orchard adjacent to Tennis Center	Maintain current conditions.	0	
Peterson Middle School Pool	Maintain current conditions.	2	
Sunken Gardens Golf Course	Improve/increase marketing efforts	0	
Sunnyvale Golf Course	Improve/increase marketing efforts	2	
	Secure funding for cart path development, identified in 20-year capital improvement list.	0	
	Develop a tree management plan. Current backlog of tree work is estimated at \$330,000 over three years.	2	
	Improve golf course signage at the course and throughout surrounding neighborhood.	0	

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PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
	Upgrade irrigation system including mainline and lateral piping systems, to address inconsistent water pressure in an aging system.	1	
	Develop warm-up/practice facilities and driving range.	1	
West Hill, South Hill and Recycle Hill	Increase wayfinding signage in surrounding neighborhoods.	0	
	Increase interpretive trail signage and gateway features to promote branding and identity	0	
	Develop accessible trails to overlook point.	0	

Table 8: Park by Park Recommendations – Urban Plazas and Regional Open Space

PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
Urban Plaza			
Plaza del Sol	Add shading and moveable picnic benches as described in Phase II plans	6	
	Add interactive water feature to center of site, as described in Phase II plans.	3	
Regional Open Space			
Sunnyvale Baylands Park (Wetlands and Active Use area included)	Ensure vegetation consistency, develop a strategic and consistent planting regime.	5	Good location. Lots and lots of walking Islam worship. Social gathering. Nature.
	Add restroom to west end of site near ropes course	5	
	Investigate potential reuse/reconfiguration to accommodate more active recreational uses. Potential uses include: disc golf course, cricket	5	
	Add an interpretive trail opposite the group picnic area, between the drive and the fence, and enhance native plantings.	2	
	Consider renovation and expansion of existing interpretive	0	

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PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
	signage		
	Improve trail and wayfinding signage.	0	
	Improve drainage near Owl Burrow picnic ground.	0	
	Improve drainage at Child's Discovery Area.	0	
	Increase and improve bicycle and pedestrian connections to the park.	4	
	Replace/repair birding dock	2	
	Initiate tree/vegetation management plan to address aging trees	1	
	Add environmental education support facilities such as a nature center and viewpoints	1	
	Expand Great Meadow in available area to the west.	4	

Table 9: Park by Park Recommendations – Greenbelts and Trails

PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
John W. Christian Greenbelt	Consider opportunities to connect to Moffett Field and other regional facilities as they become available.	6	Drain water out. It is smelly! Staff - Get rid of over grown flax all through belt
	Resurface the pathway	6	
	Coordinate with Public Works to explore improving street crossings on neighborhood streets with features such as: Increased interpretive signage to enhance sense of community connectivity; gateway signage; bulbous; expanded crosswalks	4	
Bay Trail	Improve Bay Trail connections and signage at the closed landfill.	8	
Levee Trails	Add trailheads, informational kiosks, interpretive and directional signage, benches and other trail amenities, to improve trail opportunities and use.	8	

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PARK	RECOMMENDATION	NUMBER OF DOTS	COMMENTS
			Stevens Creek Trail - Coordinate with Mountain View to bring Stevens Creek Trail to Remington Avenue - received 16 votes!

ADDITIONAL COMMUNITY COMMENTS

Community members had the opportunity to provide comments on comment cards. The following responses were received:

- Open land on Pastoria is semi-industrial and should be considered as a possible sight for a new park.
 - If there is a need, the City looks at different land acquisition/use options.
 - City is talking with several land owners in the city
 - Also have to consider zoning
- Stevens Creek Trail
 - Not a current city facility - which is why it is not included on boards
 - Development of trail is in the works with other jurisdictions

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Parks of the Future Community Workshop - September 18, 2008

Group Exercise - Financing Options

	Total Supporting Each Option (Multiple selections possible)
<ul style="list-style-type: none"> • Consider establishing a non-profit Friends of Parks and Recreation group (Could do fundraising on behalf of parks and recreation projects, programs and services.) 	13
<ul style="list-style-type: none"> • Grant Revenue (Grants typically project based and dependent on availability of funds from state and federal sources.) 	12
<ul style="list-style-type: none"> • Raise Park Dedication fee standard from 1.25 acres to 3 acres per 1,000 residents under the Quimby Act (One time fees or dedication of land paid by developers at time of building permit issuance to provide facilities for new development. Quimby Act requires a minimum of 3 acres and a maximum of 5 acres. Sunnyvale requires 1.25 acres. Applies only to land subdivisions for housing.) 	12
<ul style="list-style-type: none"> • Consider a Sales Tax Revenue Bond (Increase in sales tax could generate revenue for capital improvements. Would require voter approval.) 	5
<ul style="list-style-type: none"> • Consider a Bond Measure (Bond is issued based on increasing the property tax rate on real property assessed value. Would require voter approval.) 	4
<ul style="list-style-type: none"> • Consider a Parcel Tax (Generally flat amount per parcel with variances by major land use category. Requires two-thirds voter approval.). 	3
<ul style="list-style-type: none"> • Consider establishing a development impact fee under the Mitigation Fee Act (One time fees paid by developers per new single family or multi-family dwelling unit. Would pertain to single lot and infill projects. Would require a nexus study to document the relationship between new development and increased park needs.) 	3
<ul style="list-style-type: none"> • Consider Benefit Assessment Districts (essentially an annual tax on a defined group of property owners correlating to a “benefit” the property owners might receive in addition to any general benefits accruing to all properties in a jurisdiction – increase in property value is not sufficient – property owners must approve a benefit assessment by majority vote) 	3
<ul style="list-style-type: none"> • Reduce service levels at all park sites and divert freed up funds to other priorities. (e.g., could include lower turf quality, lower cleanliness standards, etc.) 	1

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Parks of the Future Community Workshop - September 18, 2008

Group Exercise to Rank Development Options

Ave Ranking		Priority Ranking (1 high, 10 low)										Total Responding
		1	2	3	4	5	6	7	8	9	10	
3.3	Develop neighborhood and/or mini parks on land already owned by City in areas identified as underserved (e.g., Morse Ave and AMD sites)	1	8	2	2	3	1	0	1	0	0	18
4.3	Restore service levels at all facilities to include: edging, weed abatement and all ornamental ponds filled year round.	5	1	1	2	2	2	1	2	0	1	17
4.3	Maintain existing inventory of parks and park amenities, replacing/repairing as needed.	1	3	3	1	2	2	2	0	1	0	15
4.5	Pursue increased trail connections.	7	1	0	1	1	3	0	2	1	2	18
5.3	As development occurs in areas identified as underserved, require developers to dedicate land (as opposed to paying in-lieu fee) and then develop as mini and neighborhood parks	1	3	1	4	4	0	2	3	2	1	21
5.4	Add amenities at existing parks to meet Minimum Design Guidelines, bringing existing sites up to meet standards as far as type of amenity (e.g., playstructures) at the site.	3	0	3	1	0	4	4	2	2	0	19
5.4	Pursue expanded agreements with school districts at 9 sites identified as being in underserved areas in order to ensure public access to open space amenities over and above the athletic fields.	0	1	5	4	2	1	6	1	0	2	22
6.8	Add amenities at existing sites to exceed Minimum Design Guidelines.	0	0	2	3	1	1	1	0	4	3	15
7.8	Purchase or create a fund to purchase acreage and develop Community Parks (2 at 25 acres), which could include sports complex.	0	0	1	0	2	1	1	3	5	3	16
8.1	Develop Recycle Hill/West Hill as a regional park.	0	1	0	0	1	2	1	2	3	6	16

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Parks of the Future Community Workshop -- September 18, 2008

Comments

Light a fire under the City Council/City Manager to increase Park Dedication Fees

Very disappointed to see access to the Stevens Creek Trail being brought up in this context after the neighborhood was assured that the issue was dead.

Don't develop Baylands trail area. Promote usage where WTP area is. There are many acres there.

There is a need for a camping facility to support youth groups (Boy Scouts, Girl Scouts, etc. with an overnight capacity >500 people

PARKS OF THE FUTURE WEBSITE COMMENTS

An important feature of the Parks of the Future project was the project website, www.parksofthefuture.com, that served as a project information hub. In addition to background documents, project meeting announcements and progress reports, the site hosted the online survey and also allowed users to provide comments on any topic of their choosing. The comments provided below were submitted electronically to the Parks of the Future website between December, 2007 and June, 2008. The comments have been sorted by subject matter and have not been edited.

BICYCLE AND PEDESTRIAN COMMENTS

1/23/2008

I would strongly urge that Sunnyvale to give a high priority to establishing a direct pedestrian and bicycling connection to Stevens Creek Trail and to connect the existing bike lanes into a safe bike transportation grid.

1/28/2008

Please consider a pedestrian and bicycle connection to Stevens Creek Trail, possibly at the end of Remington Avenue.

1/28/2008

I forgot to mention in the survey that I would like to make the Remington Ave. overcrossing of Highway 85 top priority for the Parks budget. This will provide much needed open space access for residents to bike/walk in West Sunnyvale.

4/1/2008

I live in San Miguel neighborhood of Sunnyvale. I would like to have bike paths/greenbelts available for bike riding myself and my kids so as to be able to ride bikes safely and farther than we can around our neighborhood. There is a school playground, but no park or bike paths easily accessible to us. To get to a park, we have to ride on busy streets

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that do not have bike lanes. This is too dangerous, as cars are not used to driving with bikes.

GREENBELTS

12/8/2007

It is very important that project 900112 is completed. This is the upgrade to the greenbelt at Lakewood Elementary school. Please include in your plans.

PARK FEATURES

12/12/2007

Two suggestions: 1. Covered structure to do yoga under protected from direct sunlight and wind. Currently Ortega Park is the only park with something like this. I would prefer to have a nylon, canvas, sail -like covering to practice yoga individually or in small groups.

Covered amphitheatre would solve the wind block also.

2. Adult swing set, similar to what I saw in Venice Beach in LA under constant use. Go to swingaring.com to see examples. This is the only adult swing set I've seen which truly offers a whole-body work-out. The one on Venice Beach I saw was side-by-side to a child sized one and seemed to be very popular.

1/9/2008

I've been meeting with eight other men weekly at the Lakewood Park fire ring for the last four years. Last night we saw the new sign requiring a fire permit, and today found out it's \$25 per day. This seems extremely excessive, as though your real purpose is to end fires there completely. I suppose the Cub Scout troop may want to ante up \$25 for their annual campfire, but for our small group, you're essentially pushing us away. Considering we're a bunch of 40-60 year old men, clean the place up, and even repaired some of the missing stones over the years, I'm not sure what the issue is that moved the city to post this requirement, but suspect that the teens and vagrants that sometimes gather there are the real target of this rule. I'd like to find a way to continue using the fire ring in a responsible way, but \$1,300 is way beyond our means, especially since you aren't supplying firewood. Who can I discuss this with?

2/15/2008

I would love to see more areas for people, especially young children and families, to operate Radio Control vehicles. This can be such a great hobby, and it's a great way for parents and children to get involved in an activity together. It will offer people an alternative to being out on the streets. Every RC park and track that I have been to has been a great family environment and a safe place for children and parents alike. My Dad and I restored muscle cars when I was young, and I would not trade anything in this world for the time we spent together working on our cars. RC cars can be a great way for families to become involved in a wonderful hobby relatively cheap and it will offer kids a positive environment to grow up and spend time in, which is something that is becoming harder and harder to find each day.

4/12/2008

I would like to see a track at Cherry Chase School. The school is currently 650 students with a full time PE coach and the school will grow again by at least 40 students next year. I believe that we are also the only school in the district without a track.

This addition/change could potentially save water. Also, after the school's Fun Run and walk-a-thon the grass has turned to a muddy mess. Can you imagine what it looked like after 600 students walked 1/4 mile loops for 3-4 hours? A track would eliminate this damage. Also, a cricket field could be installed at the time the track is created. The field is set for changes this summer so please look into this soon.

6/27/2008

I love Martin Murphy Park. It's accessible, open, beautiful and spacious. It is also a peaceful place to walk or picnic. Some of the facilities are underused, though. The amphitheatre would be a perfect place for spring, summer and fall outdoor concerts and picnics and weddings, but the rules of the park state that there cannot be any amplified music. Unfortunately the noise from the Central Expressway is so heavy that it makes it almost impossible to be heard otherwise. Maybe that rule could

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be modified to allow amplification at a certain level for some events. Since the park closes at dark, it would not affect many residents in the evenings. Also, the bocce ball court is lovely, but not as accessible to everyone. Why not have a once a month introduction to bocce event or something of that nature?

I have heard that a playground has been suggested for the site. This I do not recommend. Many other parks nearby have playground facilities, which is great for families, but those of us who do not have families like to have someplace to go away from the masses of screaming kids. It's nice to have a place to go meditate and relax under the big trees away from the sea of humanity. It feels like getting away from it all without going anywhere. The facility center there could use a little facelift, too. It's often closed up and dark, not allowing anyone to see what it has to offer, yet it has big windows and views that could enhance any event.

RECREATION PROGRAMS

2/7/2008

I just filled out your questionnaire, but am concerned it does not ask the correct questions. If the classes offered are not full there may be reasons other than no interest. I think it is Important to provide recreation in the way people want to use it, even if it might be a little harder for Sunnyvale staff.

What do I mean?

1. I am interested in pottery, but know from previous experience that I want a long period to throw pots, then a short period later to trim them. The time between the two changes depending on the moisture content of the air. Sunnyvale only provides classes, and 4 hour blocks.
2. I am very interested in water exercise. I have participated in Sunnyvale classes on and off for years. I currently go to Mountain View even though I live a few blocks from Washington Pool. Sunnyvale prices are very high. (\$5.25/class vs. \$3.33/class at MV This includes the out of city premium) Over the last 6 years, people I know have moved on to the YMCA, De Anza or changed their exercise program.

Sunnyvale has had non-existent or incompetent staff (except for Sarah) and charged significantly more. Complaints to the city have been ignored, or I have been referred to the Fremont pool. Although the Fremont pool had the class listed, the classes had "contact the pool" for times. I contacted the pool and was told the classes did not exist. It was at this point I started attending the classes in Mountain View that go year round.

I am also concerned about maintenance. The Washington Pool still looks like crap, with the surrounding cement cracked, and the bleachers condemned. I had hoped the recent work would take care of it. The work was sent out for bid months AFTER the pool was closed so the work could be done, and was not completed before normal pool opening date last summer.

Before building new facilities, I would like to see the facilities we have maintained and managed competently.

2/8/2008

No-where in the survey did you ask how the disabled and families of the disabled' needs could be met. They are a small % but a very needy group. There is a one size fits all program available - Special Olympics - And whereas this is an excellent program for some, it is not flexible enough for many. Thank you for letting us have input.

MORSE PARK SITE

3/13/2008

Does this committee have any relationship with the planning or disposition of the park that was to be on Morse Avenue, between Toyama and Weddell? If so, could you tell me where it currently stands in the process?

3/14/2008

Could you please tell me what is the current status of the Morse Avenue Park project?

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

SUNNYVALE PARKS OF THE FUTURE PLAN

4/2/2008

How big is the park that is in plan/consideration for Morse Ave/Weddell? I realize that the park is currently unfunded. However, I would like to know how large the space is.

TIMING

4/4/2008

I was looking at the Process Graphic - Plan Timeline and Milestones pdf document and the draft report was planned out to be completed in April 2008. Is this proposed timeline still accurate or has there been changes to it?

If changes have been made, is there a date set for when the draft report is on the agenda for the Park and Rec Commission and City Council? Please let me know. Thank you.

SOCCER

12/15/2007

I read the "2002 Report of Community Recreation Needs Assessment" and was surprised to find no mention of pickup soccer games for adults (and for kids as well).

I play in pickup soccer games three times a week. Sundays, Tuesdays, and Thursdays.

I maintain email mailing lists for three of these games with about 50 names on three separate lists (150 names total). This is only a very small fraction of all the adult soccer pickup games going on in Sunnyvale. There are multiple games going on every day at Baylands Park, Sunnyvale Middle School, Fair Oaks Park, Cupertino Middle School, and on and on and on. Some of these are listed on Socster.com. AYSO, PAL, and South Bay Soccer add many additional more formal games.

So far all the groups that I play with have been able to find fields to play on most of the time. We are not interested in booking fields or paying to play.

The groups that I play with are interested in playing, rain or shine. We are very bent out of shape that Sunnyvale closes fields in bad weather. Sunnyvale should keep fields open regardless of weather. That's what playing fields are for.

Pickup soccer is characterized by:

- No one is in charge (no insurance liability)
- Everyone who shows up plays
- Rough play is not tolerated (i.e. you go back to work afterwards).
- No cost

I would be very pleased to take part in you planning group. I am retired and would have lots of time to participate.

12/20/2007

Please consider giving soccer a place when developing "Parks of the Future". My friends and I are always struggling to find a place where to play soccer, especially during winter since there are no illuminated fields.

Thank you!

12/20/2007

It would be great if Sunnyvale could provide more places for people to play pickup soccer. There is a large number of players in the area and no mention of plans to address this. In the winter, the traditional soccer season, there are almost zero places to play, and when it is a bit wet, there is nothing.

12/20/2007

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

SUNNYVALE PARKS OF THE FUTURE PLAN

The Parks of the Future web postings appear to completely ignore the fact that there are many people in the community who like to play soccer. That includes me. I am a registered voter and I vote. Thank you for your anticipated consideration of soccer in park uses.

2/4/2008

Currently the city is allowing organized an adult soccer league to utilize Las Palmas Park on Sundays. Las Palmas Park is not an athletic field. The soccer league monopolizes the entire from very early morning to very late afternoon. The traffic and parking problems created are significant to the neighborhood. The streets are littered with refuse, empty water bottles, etc. and the lawn area is devastated by the end of the playing season. In essence, Las Palmas Park is not an appropriate site for organized adult soccer.

Thank you.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

Section 508 Navigation

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Impacts of Trails and Trail Use

Hosted by AmericanTrails.org

Trail Effects on Neighborhoods: Home Value, Safety, Quality of Life

Are trails safe? How do they affect property values of adjacent residents?

Compiled by **Suzanne Webel, Boulder Area Trails Coalition**

Are trails safe? How do they affect property values of adjacent residents? These perennial issues have been the subject of a few studies which find that trails are quite benign in their social impact. The facts haven't stopped groups organized against rail trail development from trumpeting that the few instances of crime are proof that trails are unsafe.

Homeowners nationwide express the same concerns and fears about proposed trails in their neighborhoods. But studies in various parts of the United States seem to show that concerns about trails lowering property values and increasing crime are unfounded. In fact, trails have consistently been shown to increase (or have no effect on) property values, to have no measurable effect on public safety, and to have an overwhelming positive influence on the quality of life for trail neighbors as well as the larger community.

1. The Effect of Greenways on Property Values and Public Safety; The Conservation Fund and Colorado State Parks, State Trails Program (1995)

"The study of Property Values and Public Safety was to determine what effect, if any, the presence of urban trails has had on public safety to property owners who live adjacent to a trail and on property owners who live within one block of a trail. The study also evaluated the level of public acceptance for urban trails and their effect on the quality of life in these neighborhoods..."

"The need for the study arose due to concerns expressed by several different neighborhoods over the proposed construction of new trails. These concerns included fears that the presence of an urban trail might lower property values and also create a risk to public safety,

thus adversely affecting the quality of life in the neighborhood. These concerns are similar to concerns voiced in the past over proposed trails that are now established and accepted...."

Three Denver trails were studied in detail: "Data was collected in the summer of 1994 by telephone interviews of residents adjacent to or near to the trails, real estate agents who buy and sell homes in metro-Denver, patrol officers who work the trails, and biweekly surveys of the Denver Post Real Estate advertisements...."

Results of the survey show that "urban trails are regarded as an amenity that helps to attract buyers and to sell property. For residents of single family homes adjacent to a trail:

29% believed that the existence of the trail would increase the selling price of their home (and 43% said it would have no effect).

57% of the residents felt that the trail would make the home easier to sell (with 36% saying no effect).

57% of these residents had lived in their homes prior to construction of the trail

29% of those surveyed were positively influenced by the trail in their decision to buy the home.

Results were similarly positive for residents who lived near but not adjacent to the trail..."

"Of the real estate agents interviewed:

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[Economic impact](#)
[Health & trails](#)
[Rails to trails](#)
[Safe Trails Forum](#)
[Planning](#)

► More resources:

[Bibliography](#)
[Quotations](#)
[Glossary](#)
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[Tools](#)
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► For more opportunities for training on trail design, construction, and management see the [National Trails Training Partnership](#) area.

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

73% believed that a home adjacent to a trail would be easier to sell

55% agreed that the home would sell for more than a comparable home from a different neighborhood

82% of real estate agents used the trail as a selling point

100% believed trails are an amenity to the community around it...

"No public safety issues could be directly linked to the trail. Only one resident interviewed was concerned with this issue, and none of the officers interviewed believed trails had any effect on public safety...."

"[In summary,] concerns that urban trails might adversely affect [sic] public safety and property value in surrounding neighborhoods are not substantiated by the results of this study. The effect of a trail is beneficial, rather than detrimental."

2. The Impact of the Brush Creek Trail on Property Values and Crime; Santa Rosa, CA, Michelle Miller Murphy, Sonoma State University, (1992)

"The purpose of this study was to determine what effect, if any, a bicycle/pedestrian trail has on property values and crime rates. Concerns by local property owners that proposed trails may negatively affect property values or increase crime prompted this survey. Due to its 9 year existence, the Brush Creek Trail, built along Brush Creek in Santa Rosa's Rincon Valley, was selected as the focus of this survey...."

"Seventy five residents were surveyed on how long they had lived in the neighborhood, how the trail has affected their overall quality of life; what effect the trail would have on selling their homes, what effect the trail had in their decision to buy their homes; how the trail has affected their privacy, and what problems, if any, they have had with crime caused by trail users. Additionally, interviews were conducted with apartment and mobile home park managers near the trail, real estate agents with listings adjacent to trails, and law enforcement agencies; fifteen other cities were contacted for information on surveys regarding the effect of trails on property values and crime..."

64% of respondents felt the trail increased the quality of life in the neighborhood, with another 13% saying "no effect"

33% said the trail would make their home easier to sell, with 49% saying "no effect"

23% said the trail would make their home sell for more, with 69% saying "no effect"

Of real estate agents:

19% said homes next to a public trail would sell for slightly more, with another 48% saying "no effect"

61% of real estate agents said they use proximity to trails as selling points

"The law enforcement agencies had no data to determine crime statistics; survey results from 15 other cities showed only a small number of minor infractions including illegal motorized use of the trail, litter, and unleashed pets."

"The study shows neither increased crime nor decreased property values due to trails. On the contrary, the most overwhelming opinion by residents along the Brush Creek Trail is that the trail/creek has a positive effect on the quality of life in the neighborhood."

3. Economic Impacts of Protecting Rivers, Trails, and Greenway Corridors: a Resource Book (1990), Rivers and Trails Conservation Assistance, National Park Service;

This comprehensive volume includes studies from across the U.S., analyzed by impacts on Real Property Values, Expenditures by Residents (i.e. how people spend their leisure dollars), Commercial Uses, Agency Expenditures, Tourism, Corporate Relocation, Public Cost Reduction, Benefit Estimation, etc.

"The effect on property values of a location near a park or open space has been the subject of several studies... Many studies have revealed increases in property values in instances where the property is located near or adjacent to open spaces..."

A 1978 study of property values in Boulder, Colorado, noted that housing prices declined an average of \$4.20 for each foot of distance from a greenbelt up to 3,200 feet. In one neighborhood, this figure was \$10.20 for each foot of distance. The same study determined that, other variables being equal, the average value of property adjacent to the greenbelt would be 32% higher than those 3,200 feet away.

The same study revealed that "the aggregate property value for one Boulder neighborhood was

Corrections & Comments supporting Draft Stevens Creek Feasibility Study

approximately \$5.4 million greater than if there had been no greenbelt. This results in approximately \$500,000 additional property tax revenue annually. The purchase price of the greenbelt was approximately \$1.5 million. Thus, the potential increase in property tax alone could recover the initial costs in only three years."

A different 1988 Boulder study found that "the public cost for maintaining non-open space, such as developed acres, was estimated to be over \$2,500 per acre, and could be as high as \$3,200 per acre when utilities, flood control, transportation, and subsidiary governmental entities' costs are included. The cost for maintaining open space in the City was only \$75 per acre, or less than three percent of the cost on non-open space..."

4. Effects of Three Cary Greenways on Adjacent Residents (1995), Lauren A. Tedder, University of North Carolina at Chapel Hill

"The purpose of this study was to determine if such problems plague the adjacent and nearby residents of three Cary, North Carolina greenways... a survey of those living near the three greenways was conducted. Respondents were asked questions designed to reveal their satisfaction with the greenway, their initial feelings toward the greenway, the frequency of problems they experienced, their use of the greenway, and their perceptions of the effect of the greenway on their property value.

"The results of the survey, which achieved a 75% response rate, supported the hypothesis that most residents feel satisfied with the greenways and that problems are minimal.

"Planners should take care to instill positive feelings among affected residents toward a proposed greenway by involving them in the planning process, educating them on the benefits of greenways, presenting data that refute their fears of perceived problems, and calming their greatest fears of crime through crime prevention efforts. Reducing the number of occurrences of the most commonly reported problems will require adapting greenways to specific circumstances. For example, noise and loss of privacy problems may be ameliorated by increased buffers between the greenway and home, while open wood rail fences may more clearly signify property lines and reduce trespassing."

Spring 2000

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Updated March 18, 2007

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Supplement to Comment #530

Name: Steve Elich

Homestead Villas Homeowner's Association
Stevens Creek Trail Petition

BACKGROUND – There is an initiative underway involving the cities of Cupertino, Los Altos, Mountain View and Sunnyvale to complete the Stevens Creek Trail from San Francisco Bay to the Cupertino Foothills. There is also a private organization called Friends of Stevens Creek Trail that envisions a multi-use trail along the Stevens Creek corridor and many of their preferred routes pass through residential neighborhoods. The city of Cupertino City Council will decide how the trail proceeds in its jurisdiction. The City of Cupertino is considering two routes through the Homestead Villas neighborhood. One route is along Barranca Avenue to Peninsular Avenue to Caroline Drive. The other route runs along Maxine Avenue to Caroline Drive. At the elbow of Peninsular Avenue and Caroline Drive, one of two proposed bridges would cross 280 to the adjoining neighborhood on the other side of the freeway. This will require major funding with estimates ranging up to \$10 million. This construction and subsequent usage may cause potential harm to the ecosystem in that area of Stevens Creek according to several environmental groups. There may also be detrimental harm to the residents of the Homestead Villas subdivision from excessive bicycle traffic, vandalism, loitering, crime, noise, etc. Most importantly, the city has two existing, bike-friendly paths in the main corridor for the trail in the form of the Don Burnett Pedestrian and Bicycle Bridge (better known as the Mary Avenue Bridge) and the Foothill Boulevard undercrossing. The city of Cupertino, the city of Sunnyvale and the Vailey Transportation Authority spent \$14,800,000 (\$14.3 million) to build the Mary Avenue Bridge (Source: City of Cupertino website).

PETITION – By signing below, you urge the Cupertino City Council and staff **NOT** to route the Stevens Creek Trail through the Homestead Villas subdivision. You further urge the city to promote fiscal responsibility by routing trail traffic to routes that utilize existing bike paths and related infrastructure along Mary Avenue and the Mary Avenue Bicycle Footbridge and Foothill Expressway/Foothill Boulevard.

DATE	PRINT NAME
3/1/13	Bob BARBERA
3/1/13	Cecilia Marosi
3/1/13	Cassandra Lenker
3-1-13	GLENN LEFKER
3/2/13	BRIAN LUCAS
3/2/13	DEAN PHAM
3/2/13	Wendy
3/2/13	Cheryl Ching
3/2/13	Tennison Heen
3/3/13	Alice Hennessy
3/3/12	DAVID H. HENNESSY
3/3/13	FRANCIS ALONSO
3/3/13	LUCIE HONOSATOMO



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DATE	PRINT NAME	SIGNATURE	ADDRESS	EMAIL
3/3/13	JAN SIRI			
3/3/13	SUSAN PIMLOTT			
	Sylvia Lee			
3/6/13	Anthony Liming			
3/6/13	Latha SHETTY			
3/6/13	SHANNON ROY			
3/6/13	Sai Paspulati			
3/6/13	Sailaja Paspulati			
3/6/13	Grunjan Singh			
3/6/13	KICK CHAN			
3/6/13	WING KWAN			
3/6/13	TAI KO KWAN			

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DATE	PRINT NAME	SIGNATURE	ADDRESS	EMAIL
3/3/13	Man Wah Ching			
3/3/13	NIREW SUBING			
3/3/13	JUDY HULL			
3/3/13	Robert J. Hill			
3/3/13	Donna Barnett			
3/3/13	Yi SU			
3/3/13	Joe Young			
3/3/13	Ven Katesh Radhakr.			
3/3/13	MAY WONG			
3/3/13	Boris Osker			
3/3/13	Jim Hung			
3/3/13	Christina Branson			