

The background of the page features a large, light-colored watermark of the Clemson University seal. The seal is circular and contains the text "CLEMSON UNIVERSITY" at the top, "SOUTH CAROLINA" in the center, and "1889" at the bottom. There are two stars on either side of the bottom text. The seal is centered on the page.

CLEMSON UNIVERSITY

# Parking Utilization Study

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2002 Biennial Report

Including Parking Trends from the Past Six Years

Compiled by:  
Campus Planning Services  
A Department of University Facilities

Reported:  
March, 2002



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## *INTRODUCTION*

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### Purpose

This document is a compilation of data gathered from February 11 to February 22, 2002. This study depicts the nature of parking usage throughout the main campus of Clemson University. This data is a snapshot of parking utilization patterns. The purpose of this study is to generate reliable, objective information useful for informing modifications to existing parking facilities. This information also establishes parking use levels that can be applied to future campus development.

### Scope

The campus contains approximately 13,158 parking spaces. It is the goal of this study to ascertain the manner in which the spaces are used on a comprehensive level. This report documents peak hour (10:00am and 2:00pm) utilization for two consecutive weeks. The average values of the surveys conducted are depicted in this report.

# INTEGRATED CAMPUS PARKING PROFILE - GROUPS A - H

Area	Douthit Hills			
<b>A</b>	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Clemson Hse.	192.00	189.00	95.88
	Douthit Res	110.00	65.63	56.69
	Undesignated	71.00	38.88	61.04
	Employee	5.00	0.63	12.50
H.C.	1.00	0.13	12.50	
<b>C</b>	<b>Clemson House</b>			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Employee	220.00	206.63	94.01
	Service	4.00	1.38	39.58
	H.C.	3.00	0.00	0.00
	Visitor	68.00	56.00	55.80
	M.Cycle	7.00	1.75	25.00
	Clemson Hse	18.00	17.63	97.92
	Timed	23.00	22.13	90.73
	Housing	10.00	9.75	97.50
<b>E</b>	<b>SouthEast Campus</b>			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Visitor	9.00	6.75	64.06
	Visitor Meter	53.00	41.50	78.30
	Recruiter Meter	7.00	4.50	64.29
	Service	25.00	22.88	90.64
	Employee	696.00	688.63	98.31
	H.C.	35.00	22.75	59.03
	Bus	1.00	1.00	100.00
	Motorcycle	33.00	9.75	25.85
	Timed	19.00	18.25	96.21
	Commuter	668.00	647.88	97.18
	Redfern Per	6.00	5.75	95.83
	Medical Permit	3.00	2.75	91.67
	Physician	2.00	2.00	100.00
	Any Valid perm	64.00	61.88	96.68
<b>G</b>	<b>West Core</b>			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Employee	715.00	688.13	97.52
	Service	44.00	34.38	79.83
	H.C.	30.00	27.25	90.31
	Timed	41.00	40.25	97.22
	Visitor	10.00	9.88	98.75
Motor Cycle	67.00	18.75	55.42	

Area	East Campus			
<b>B</b>	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Employee	21.00	11.50	44.21
	Motor Cycle	17.00	7.63	45.23
	Commuter	173.00	44.88	25.94
	Any Permit	476.00	378.75	79.57
	Timed	9.00	9.00	100.00
	H.C	28.00	5.00	25.55
	Resident	2378.00	2115.38	91.28
	Service	8.00	2.75	43.75
	Undesignated	90.00	6.00	6.67
	<b>D</b>	<b>Sikes</b>		
Type		Total	Peak Hr	Avg%Occup
			Avg Occup	
Employee		401.00	391.00	96.53
Timed		128.00	125.38	95.43
Service		22.00	18.13	85.17
hcp		10.00	8.75	83.93
Motor		28.00	13.13	48.16
President		2.00	0.75	37.50
Metered		24.00	23.25	96.88
<b>F</b>		<b>South Commuter</b>		
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Employee	180.00	177.88	98.69
	Visitor	60.00	32.13	51.84
	Timed	1.00	0.13	12.50
	H.C.	2.00	0.38	18.75
	Commuter	997.00	952.88	95.83
	Service	1.00	1.00	100.00
	Resident	848.00	740.88	87.37
<b>H</b>	<b>West Campus</b>			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
	Employee	391.00	175.38	54.37
	Commuter	678.00	172.75	24.10
	Any Permit	1172.00	609.13	45.64
	Timed	12.00	2.00	53.13
	H.C	14.00	0.13	0.52
	Resident	759.00	453.50	59.75
	Visitor	118.00	11.25	Under Construction
President	1.00		Under Construction	
E.M.S	2.00		Under Construction	
Service	11.00		Under Construction	

Integrated Campus Parking Profile			
Type	Total	Peak Hr	Avg% Occup
		Avg.Occup	
Employee	2629	2339.75	89.00
Commuter	2516	1818.38	72.27
Resident	3985	3309.75	83.06
Douthit Res.	110	65.63	59.66
Clemson Res	210	206.63	98.39
H.C.	123	64.38	52.34
Timed	233	217.13	93.19
Visitor	265	116.00	43.77
Service	115	80.50	70.00
Motor Cycle	152	51.00	33.55
E.M.S	2	0.00	0.00
President	3	0.75	25.00
Redfern Permit	6	5.75	95.83
Physician	2	2.00	100.00
Medical Permit	3	2.75	91.67
Recruiter Meter	7	4.50	64.29
Visitor Meter	53	41.50	78.30
Meter	24	23.25	96.88
Any Permit	1712	1049.75	61.32
Undesignated	90	6.00	6.67
<b>Total</b>	<b>12240</b>	<b>9405.38</b>	<b>76.84</b>

**Note**

"Type" is the parking designations

"Total" is the number of parking spaces supplied

"Peak Hr. Avg.Occup" is the average number of spaces occupied during the 10:00am - 2:00 pm period.

"Avg % Occup" is the average occupancy in percent during peak hours.

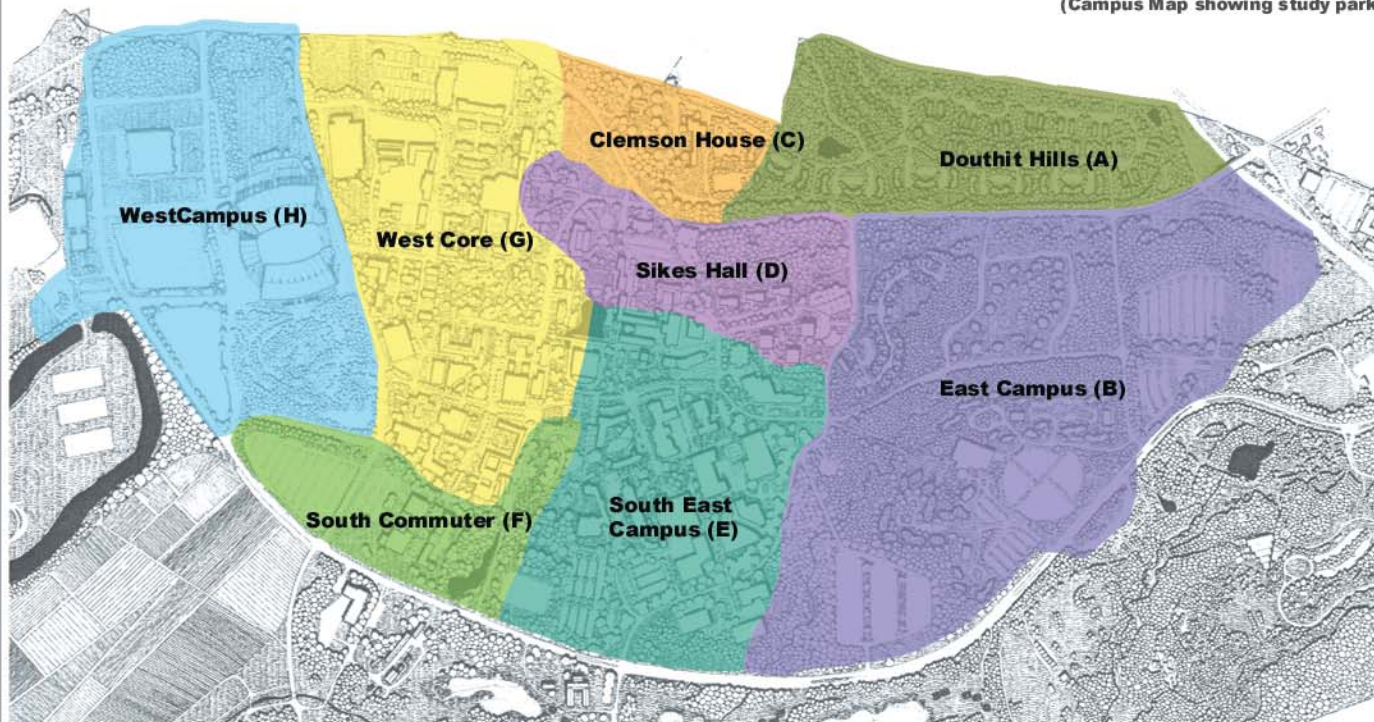
# PARKING UTILIZATION STUDY AREAS

Survey conducted in February 2002  
between 10:00am to 2:00pm

This map shows the extents of the survey areas.  
No other areas are included.

## Selected Parking Utilization Summary

Survey conducted in November 1999  
between 10:00 to 2:00pm  
(Campus Map showing study parking areas.)



Long Range Master Plan

## Parking Utilization Study

CLEMSON UNIVERSITY  
PLANNING OFFICE

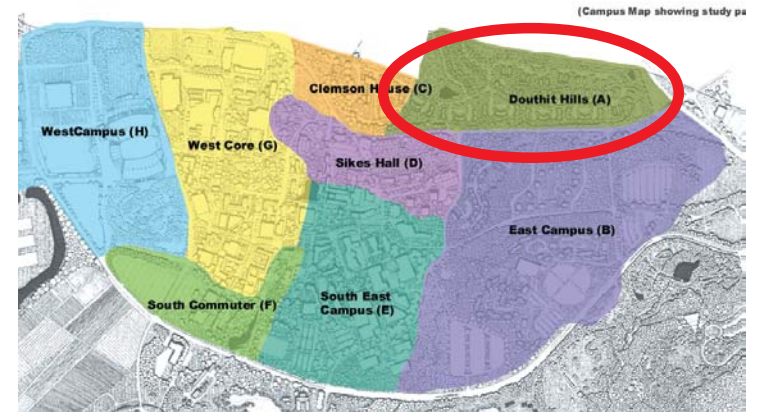




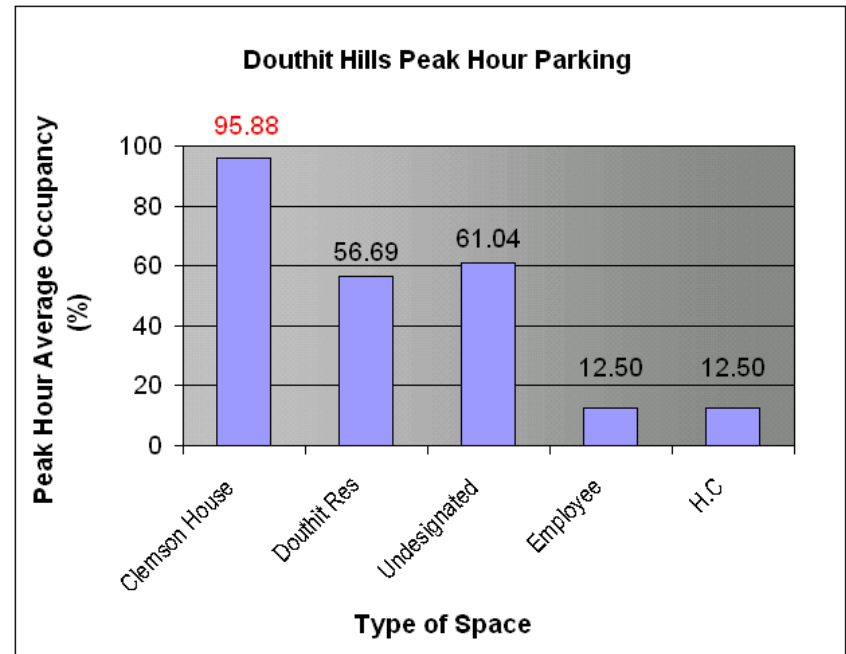
Area **A**

Douthit Hills

# A - Douthit Hills - Area Locator Map



Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 (occup.Space:	Av Occupancy (b/a)
			M/W	Tu/Th	M/W	Tu/Th		
A	95	Clem.Hse Res	95	95	94	95	94.50	99.47
B	21	Douthit Assigned	16	15	14	17	15.38	73.21
	6	Undesignated	5	3.5	3.5	3.5	3.88	64.58
	42	Clem Hse Res	42	42	42	42	41.75	99.40
C	2	Douthit Assigned	1	2	1	1	1.25	62.50
	2	Undesignated	2	1	2	2	1.75	87.50
	48	Clem Hse Res	46	47	47	48	46.63	97.14
D	8	Douthit Assigned	4	3.5	3	3.5	3.50	43.75
	16	Undesignated	10	9.5	9.5	8	9.25	57.81
E	15	Douthit Assigned	10	9.5	9	9	9.38	62.50
	16	Undesignated	12	8	8	8.5	9.00	56.25
F	21	Douthit Assigned	12	13	17	15	13.88	66.07
	9	Undesignated	3	4.5	2.5	4.5	3.63	40.28
G	7	Clem Hse Res	7	5.5	5.5	6.5	6.13	87.50
	11	Douthit Assigned	6	5	4.5	4	4.88	44.32
	8	Undesignated	4	2.5	2	3	2.88	35.94
	5	Employee	0	0.5	1	1	0.63	12.50
	1	H.C	0	0.5	0	0	0.13	12.50
H	8	Douthit Assigned	3	4.5	4.5	4.5	4.13	51.56
	7	Undesignated	3	2	3	3	2.75	39.29
J	16	Douthit Assigned	9	10	10	9	9.50	59.38
	4	Undesignated	3	3	2.5	3	2.88	71.88
K	8	Douthit Assigned	5	4	3	3	3.75	46.88
	3	Undesignated	3	2.5	3	3	2.88	95.83
Total	379		300	292	291	296	294.25	77.64

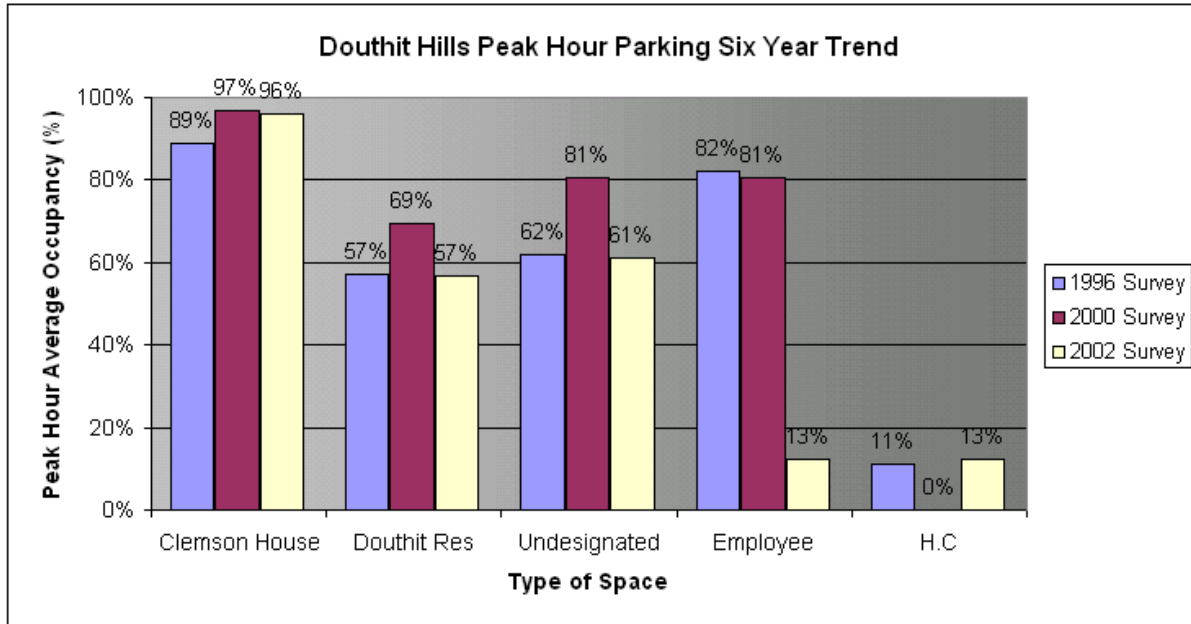


Type	Total	Peak Hour Avg.Occup
Clemson House	192	95.88
Douthit Res	110	56.69
Undesignated	71	61.04
Employee	5	12.50
H.C	1	12.50
Total Spaces	379	

Comments:

1. 'Clemson House' resident permits show extensive utilization. This is a consistent trend for the past six years.
2. All other types of spaces show low levels of utilization.

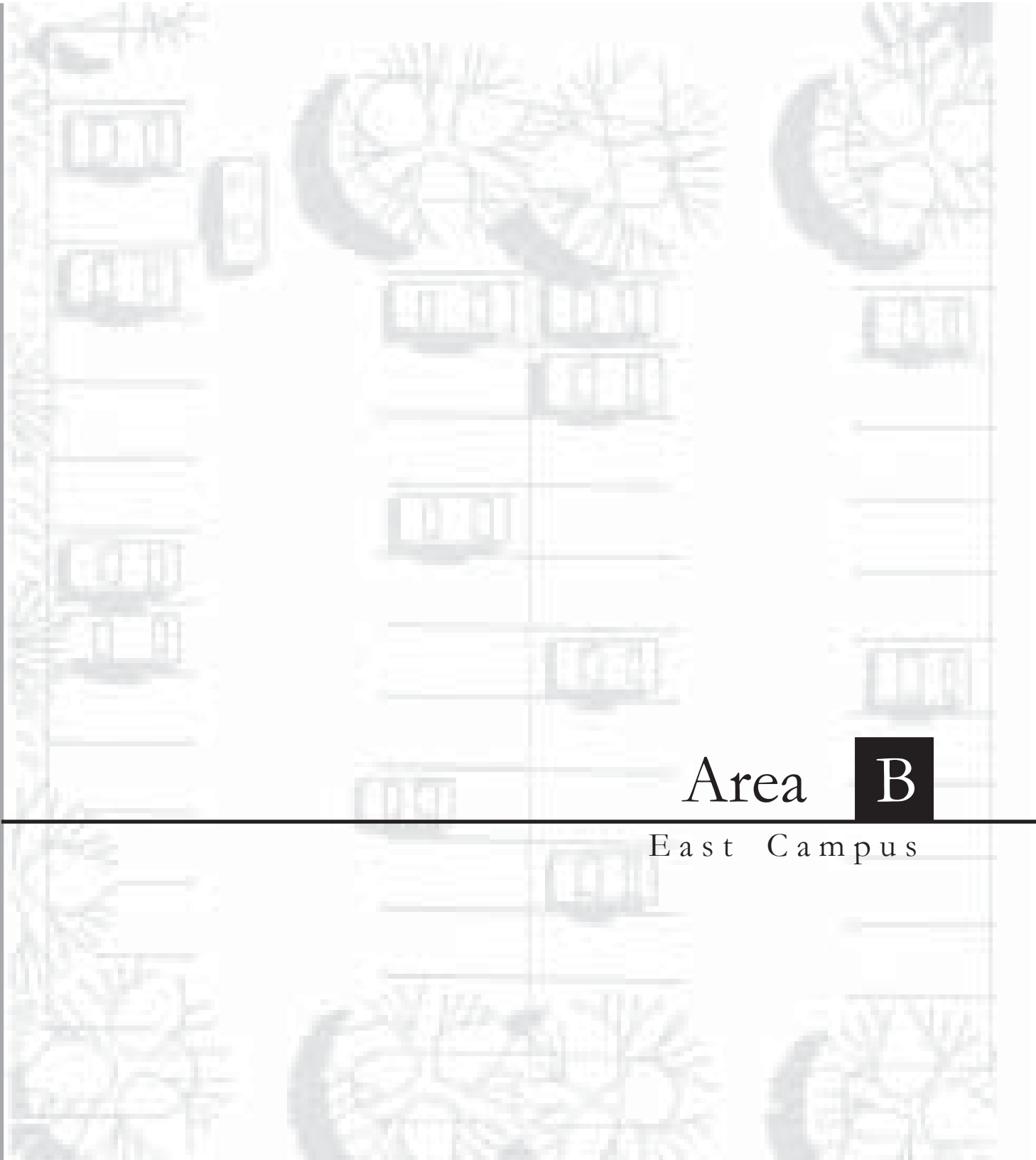




1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Clemson House	158	89%
Douthit Res	203	57%
Undesignated	20	62%
Employee	8	82%
H.C	1	11%
<b>Total Spaces</b>	<b>390</b>	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Clemson House	192	97%
Douthit Res	184	69%
Undesignated	15	81%
Employee	34	81%
H.C	1	0%
<b>Total Spaces</b>	<b>426</b>	

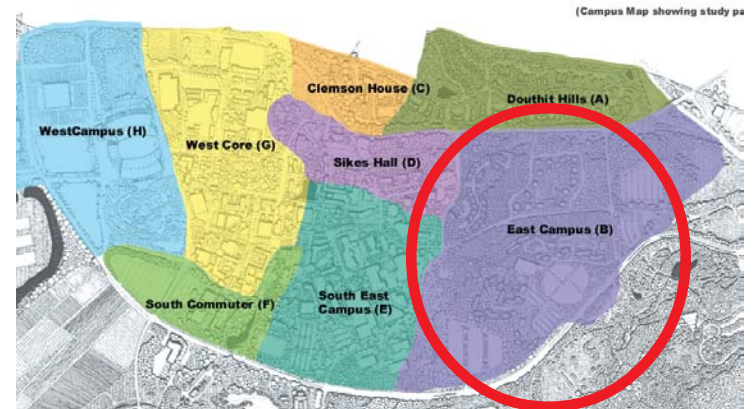
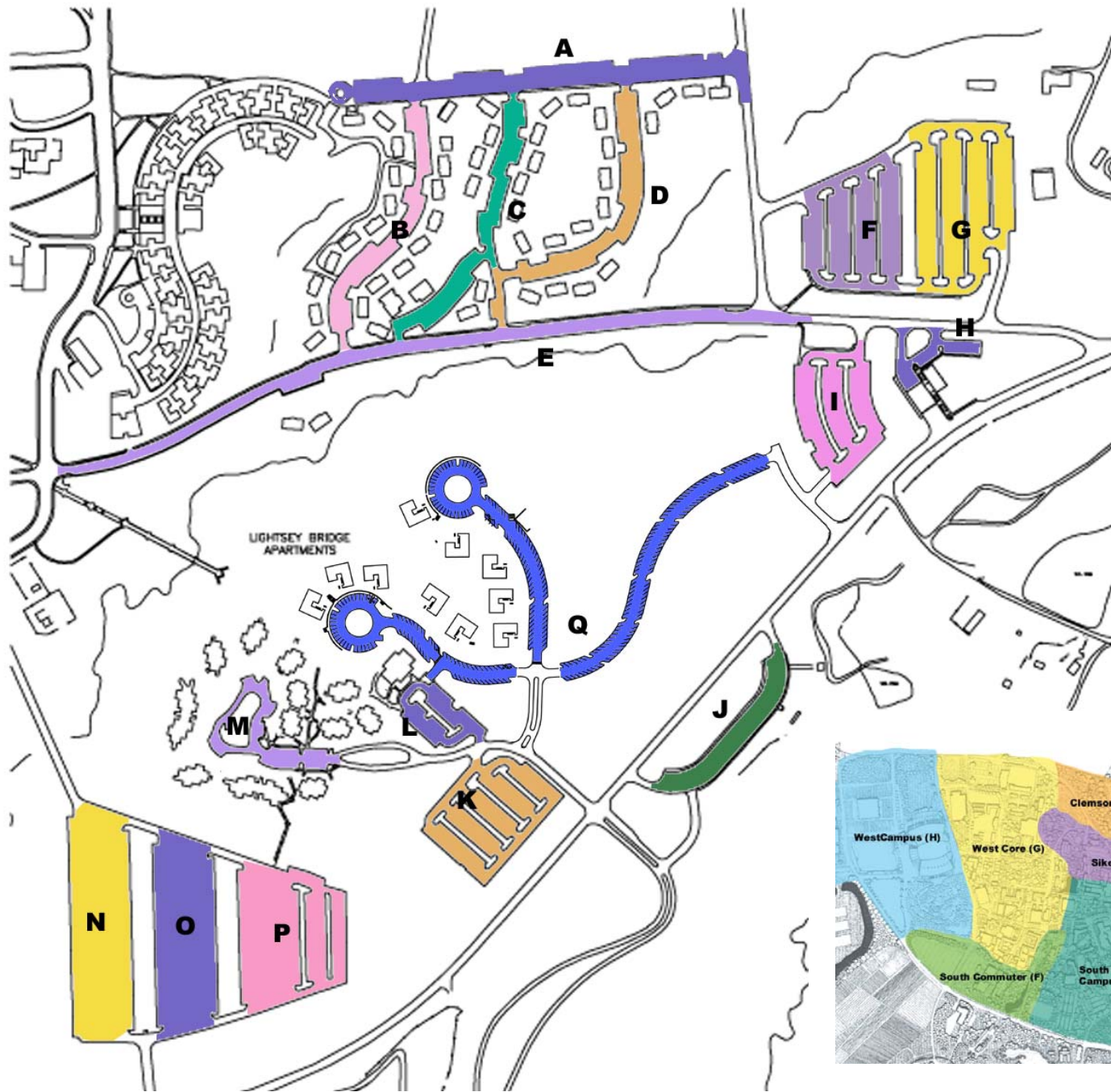
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Clemson House	192	96%
Douthit Res	110	57%
Undesignated	71	61%
Employee	5	13%
H.C	1	13%
<b>Total Spaces</b>	<b>379</b>	



Area **B**

East Campus

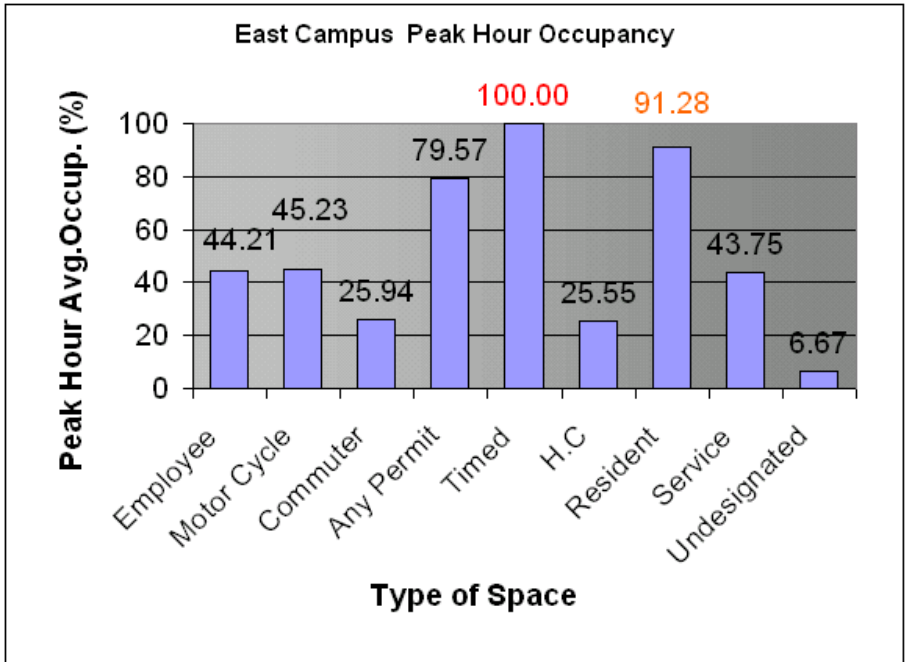
*B - East Campus - Area Locator Map*



# B - East Campus - Data Summary Sheet

B

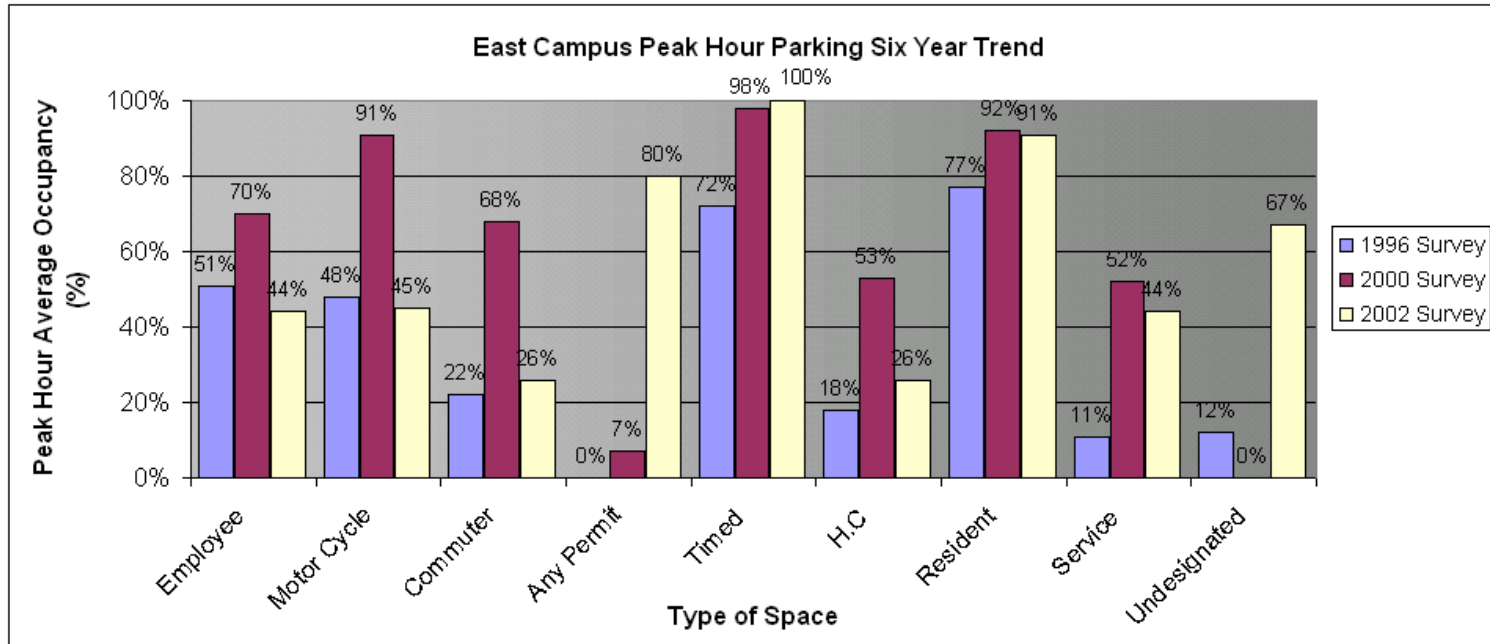
Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 (occup.Spaces)	Occupancy (b/a)
			M/W	Tu/Th	M/W	Tu/Th		
A	4	Timed	4	4	4	4	4.00	100.00
	184	Resident	178.5	179	172	176	176.38	95.86
	2	H.C	1.5	2	1	1.5	1.50	75.00
B	110	Resident	105.5	110	106	105	106.38	96.70
C	124	Resident	123	123	118	120	120.75	97.38
	5	Timed	5	5	5	5	5.00	100.00
	1	H.C	1	0.5	0	0	0.38	37.50
	1	Employee	0.5	0.5	0.5	0	0.38	37.50
	1	Service	0.5	0.5	0.5	1	0.63	62.50
D	142	Resident	137.5	140	120	119	128.75	90.67
E	136	Resident	132.5	135	129	128	131.00	96.32
F & G	476	Any Permit	383.5	412	382	338	378.75	79.57
	8	H.C	0	0	0	0	0.00	0.00
H	18	Employee	9.5	10.5	11	10.5	10.38	57.64
	2	Service	1	1	1	0.5	0.88	43.75
I	173	Commuter	22.5	69.5	28.5	59	44.88	25.94
J	90	Undesignated	1	2.5	12	8.5	6.00	6.67
	2	H.C	0	0	0	0	0.00	0.00
K	209	Resident	189	194	177	160	179.88	86.06
L	54	Resident	53.5	53.5	54	54	53.75	99.54
	2	H.C	0.5	1	0.5	0	0.50	25.00
	2	Employee	1	1	0.5	0.5	0.75	37.50
	1	Service	0.5	0	0	0.5	0.25	25.00
M	41	Resident	39.5	40.5	40	38.5	39.63	96.65
	6	H.C	1.5	2.5	2.5	0	1.63	27.08
	2	Service	0.5	1	0.5	1	0.75	37.50
	8	Motorcycle	1.5	5.5	4.5	5	4.13	51.56
N	430	Resident	430	430	418	413	422.50	98.26
O	346	Resident	335	340	324	319	329.25	95.16
P	313	Resident	179.5	220	175	193	191.63	61.22
Q	289	Resident	238.5	249	228	228	235.50	81.49
	2	Service	1	1	1.5	0.5	1.00	50.00
	7	H.C	2.5	0.5	1	0	1.00	14.29
	9	Motorcycle	4.5	4	3	2.5	3.50	38.89
Total	3200		2585.5	2735	2517	2489	2581.63	80.68



Type	Total # Spaces	Peak Hour Avg.Occup.
Employee	21	44.21
Motor Cycle	17	45.23
Commuter	173	25.94
Any Permit	476	79.57
Timed	9	100.00
H.C	28	25.55
Resident	2378	91.28
Service	8	43.75
Undesignated	90	6.67
Total Spaces	3200	

Comments:

1. 'Timed' and 'Resident' parking usage indicates at or near maximum utilization.
2. 'Commuter' and 'Undesignated' spaces are under utilized.



1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	25	51%
Motor Cycle	6	48%
Commuter	617	22%
Any Permit	0	0%
Timed	42	72%
H.C	19	18%
Resident	2086	77%
Service	18	11%
Undesignated	100	12%
<b>Total Spaces</b>	<b>2913</b>	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	25	70%
Motor Cycle	8	91%
Commuter	173	68%
Any Permit	476	7%
Timed	49	98%
H.C	19	53%
Resident	2049	92%
Service	5	52%
Undesignated	0	0%
<b>Total Spaces</b>	<b>2804</b>	

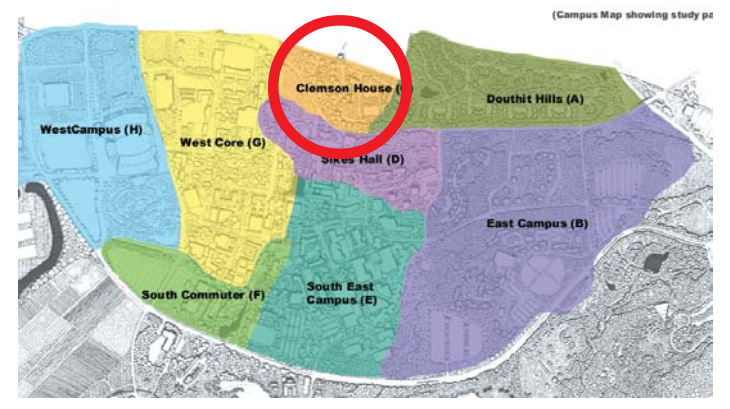
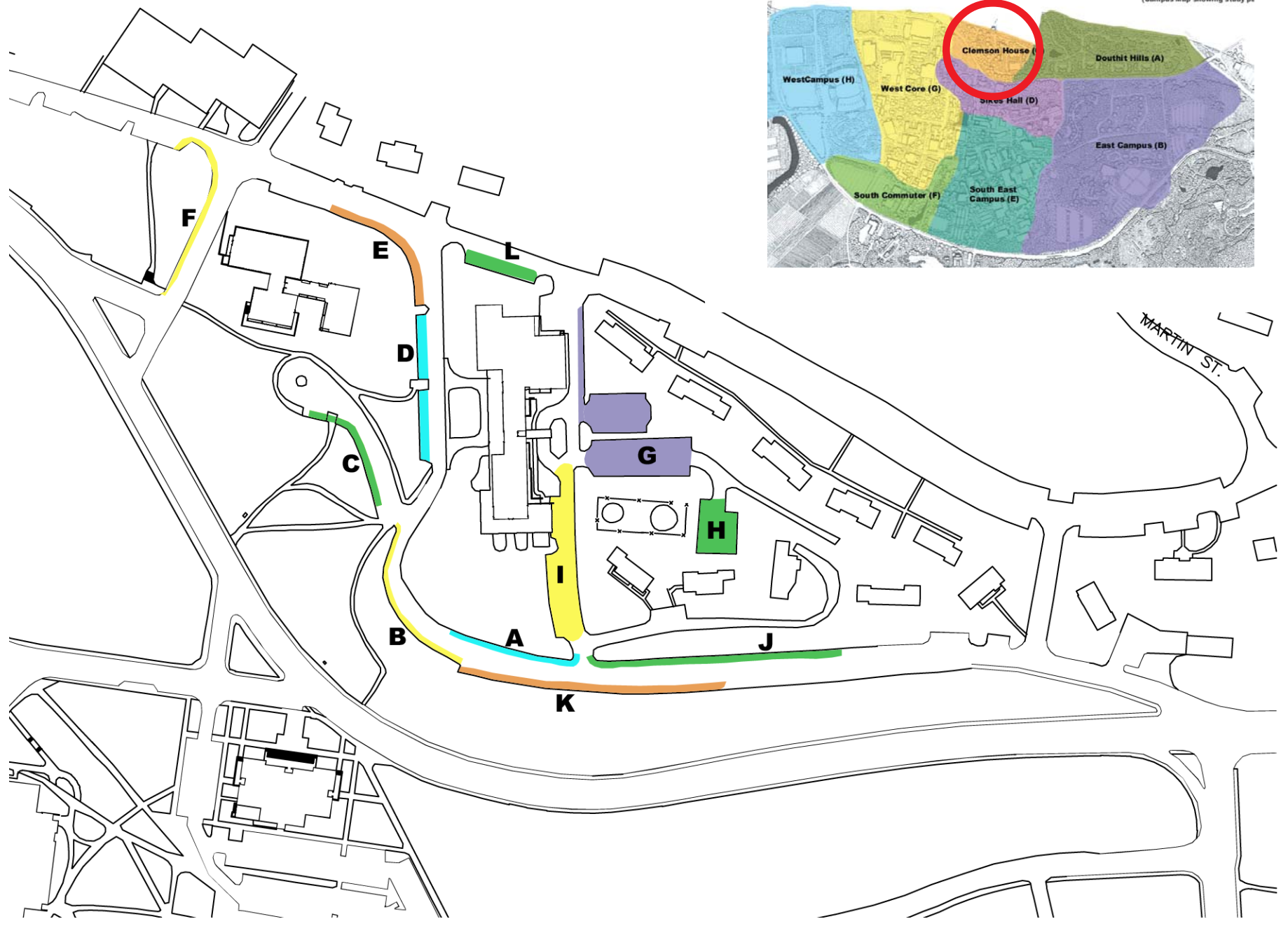
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	21	44%
Motor Cycle	17	45%
Commuter	173	26%
Any Permit	476	80%
Timed	9	100%
H.C	28	26%
Resident	2378	91%
Service	8	44%
Undesignated	90	67%
<b>Total Spaces</b>	<b>3200</b>	



Area **C**

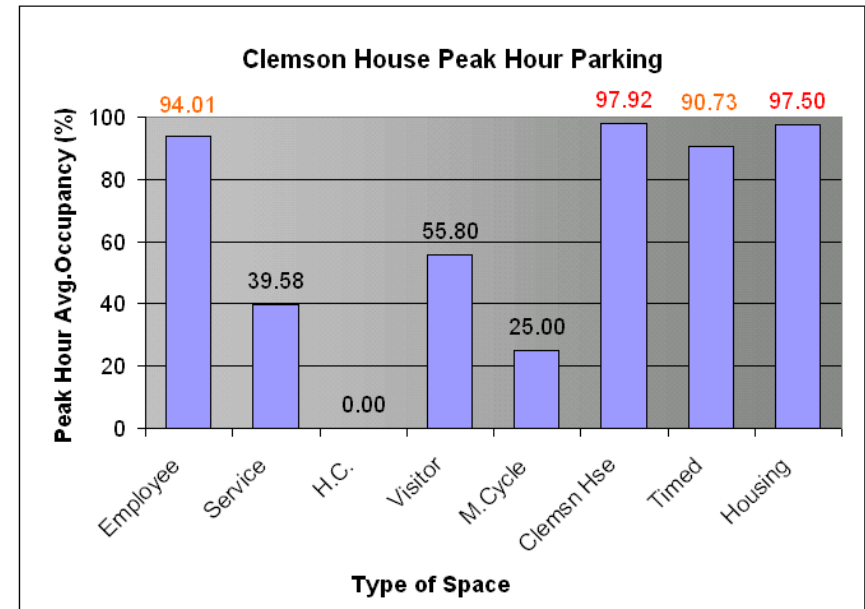
Clemson House Area

# C - Clemson House Area - Area Locator Map



# C - Clemson House Area - Data Summary Sheet

Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 (occup. Spaces)	Avg Occupancy (b/a)
			M/W	Tu/Th	M/W	Tu/Th		
A	7	Employee	7	7	6.5	6.5	6.75	96.43
B	19	Employee	18	17.5	18	17.5	17.75	93.42
C	17	Employee	16.5	17	15.5	14	15.75	92.65
	1	Service	1	0	0.5	0.5	0.50	50.00
	1	H.C	0	0	0	0	0.00	0.00
	3	Timed	3	2.5	2.5	2	2.50	83.33
D	23	Vistor	13.5	12.5	18.5	16	15.13	65.76
E	33	Employee	32.5	32.5	27.5	28	30.13	91.29
	7	Motorcycle	1	1.5	2	2.5	1.75	25.00
F	36	Employee	34	34	34	33	33.75	93.75
G	42	Visitor	41.5	40	39	39	39.88	94.94
	20	Timed	19.5	19.5	20	19.5	19.63	98.13
H	18	Clemson Hse.	17.5	17	18	18	17.63	97.92
I	24	Employee	21.5	22	22	22.5	22.00	91.67
	1	Visitor	0.5	0.5	0	0	0.25	25.00
	2	H.C	0	0	0	0	0.00	0.00
	3	Service	1.5	0.5	1	0.5	0.88	29.17
J	32	Employee	31	31	30	29.5	30.38	94.92
	2	Visitor	0.5	0.5	0.5	1.5	0.75	37.50
	10	Housing	10	9.5	9.5	10	9.75	97.50
K	39	Employee	38.5	37.5	37	38	37.75	96.79
L	13	Employee	12.5	12.5	11.5	13	12.38	95.19
Total	353		321	315	314	312	315.25	89.31

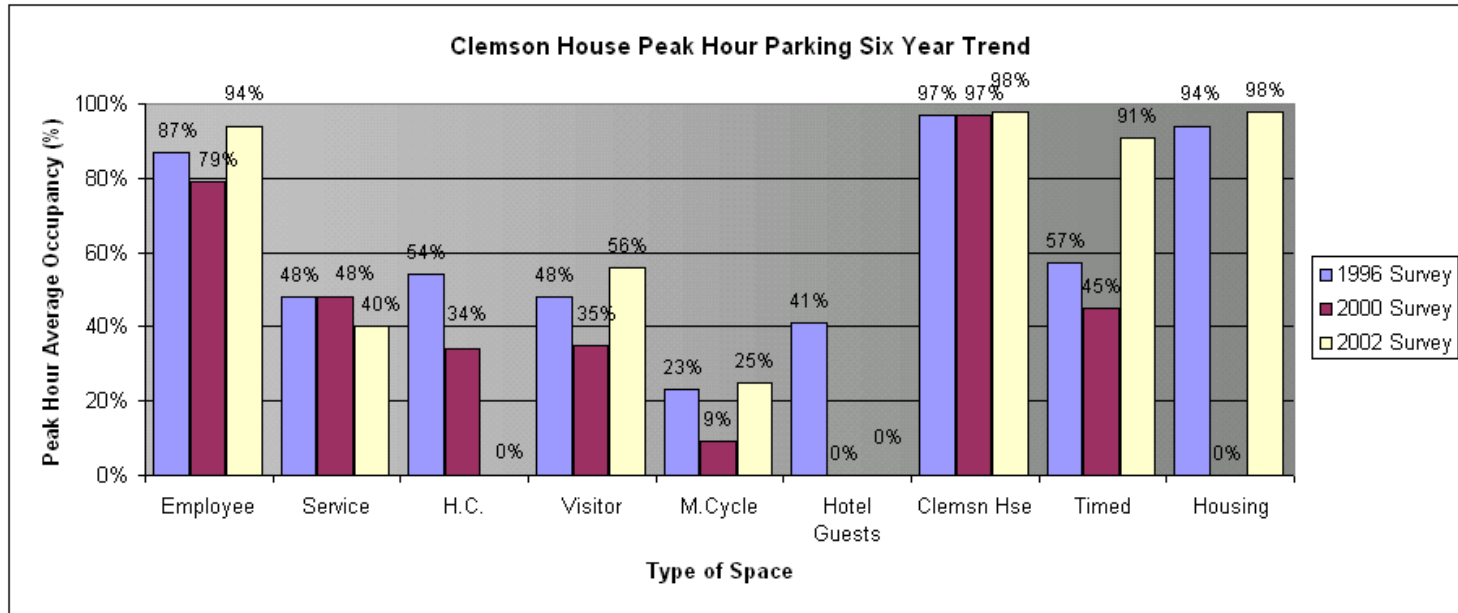


Type	Total	Peak Hr Avg. Occup.
Employee	220	94.01
Service	4	39.58
H.C.	3	0.00
Visitor	68	55.80
M.Cycle	7	25.00
Clemson Hse	18	97.92
Timed	23	90.73
Housing	10	97.50
Total	353	

**Comments:**

1. 'Employee' spaces compose about 62% of the parking in this area. This parking use is showing extensive utilization.
2. 'Clemson House', 'Timed', and 'Housing' spaces compose 14% of the parking in this area. These uses are nearing maximum utilization.
3. 'Motorcycle', 'Handicap' and 'Services' uses are under utilized.

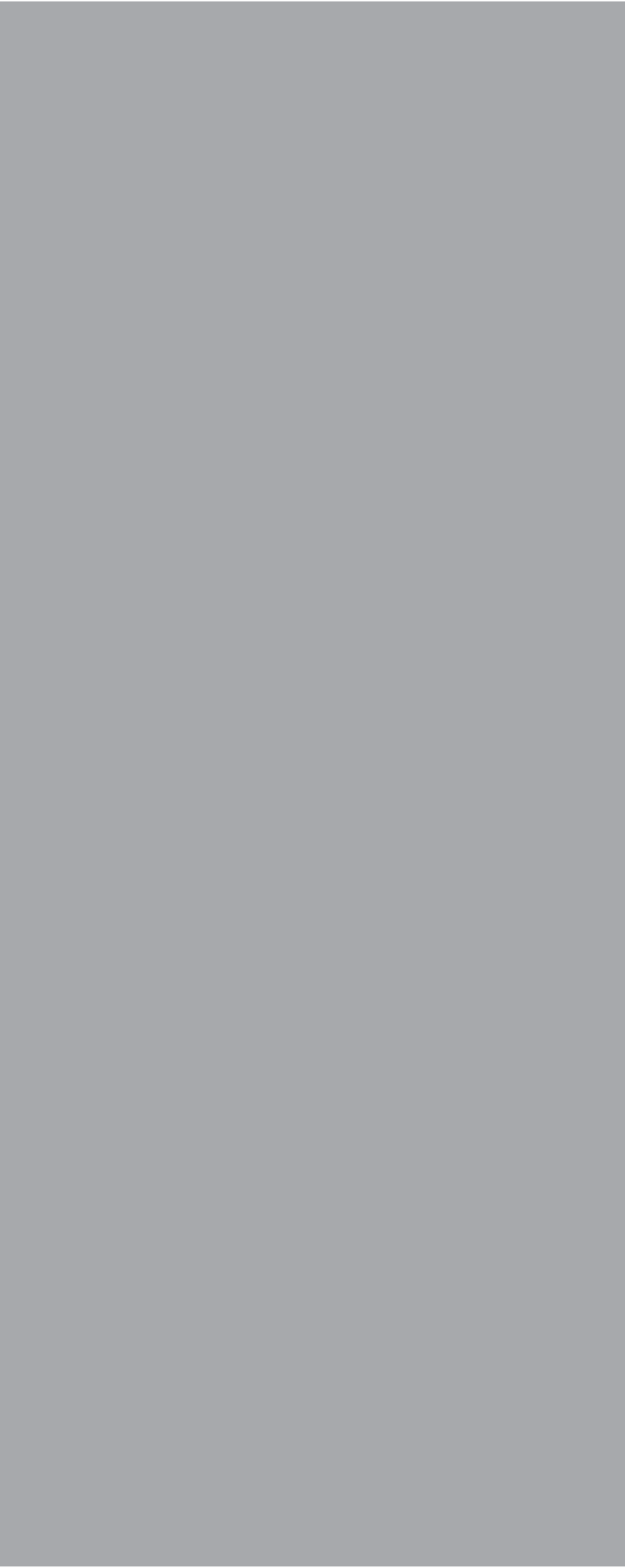




1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	197	87%
Service	3	48%
H.C.	3	54%
Visitor	29	48%
M.Cycle	7	23%
Hotel Guests	58	41%
Clemson Hse	17	97%
Timed	24	57%
Housing	10	94%
<b>Total Spaces</b>	<b>346</b>	<b>94</b>

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	225	79%
Service	4	48%
H.C.	3	34%
Visitor	28	35%
M.Cycle	7	9%
Hotel Guests	0	0%
Clemson Hse	28	97%
Timed	59	45%
Housing	0	0%
<b>Total Spaces</b>	<b>352</b>	

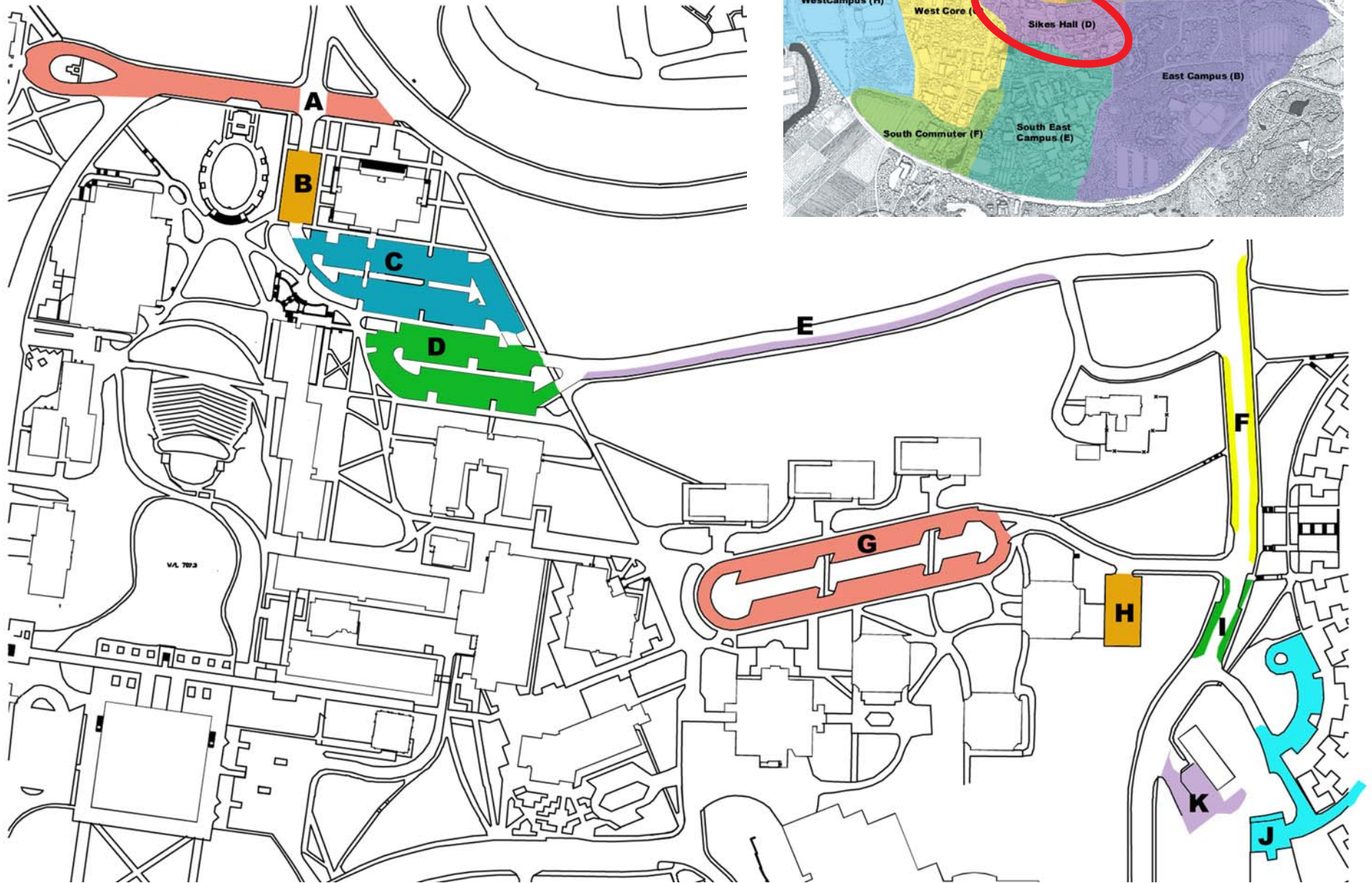
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	220	94%
Service	4	40%
H.C.	3	0%
Visitor	68	56%
M.Cycle	7	25%
Hotel Guests	0	0%
Clemson Hse	18	98%
Timed	23	91%
Housing	10	98%
<b>Total Spaces</b>	<b>353</b>	



Area **D**

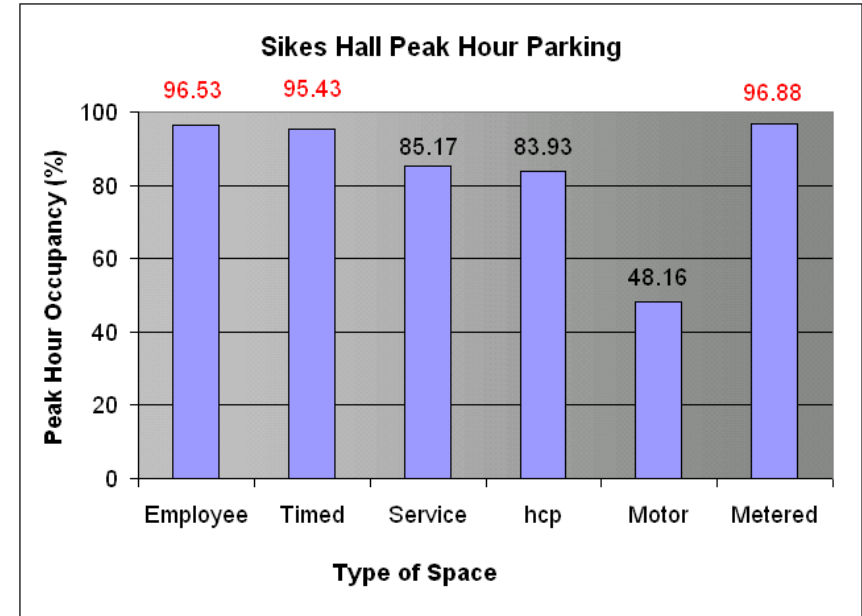
Sikes Hall Area

# D - Sikes Hall Area - Area Locator Map



## D - Sikes Hall Area - Data Summary Sheet

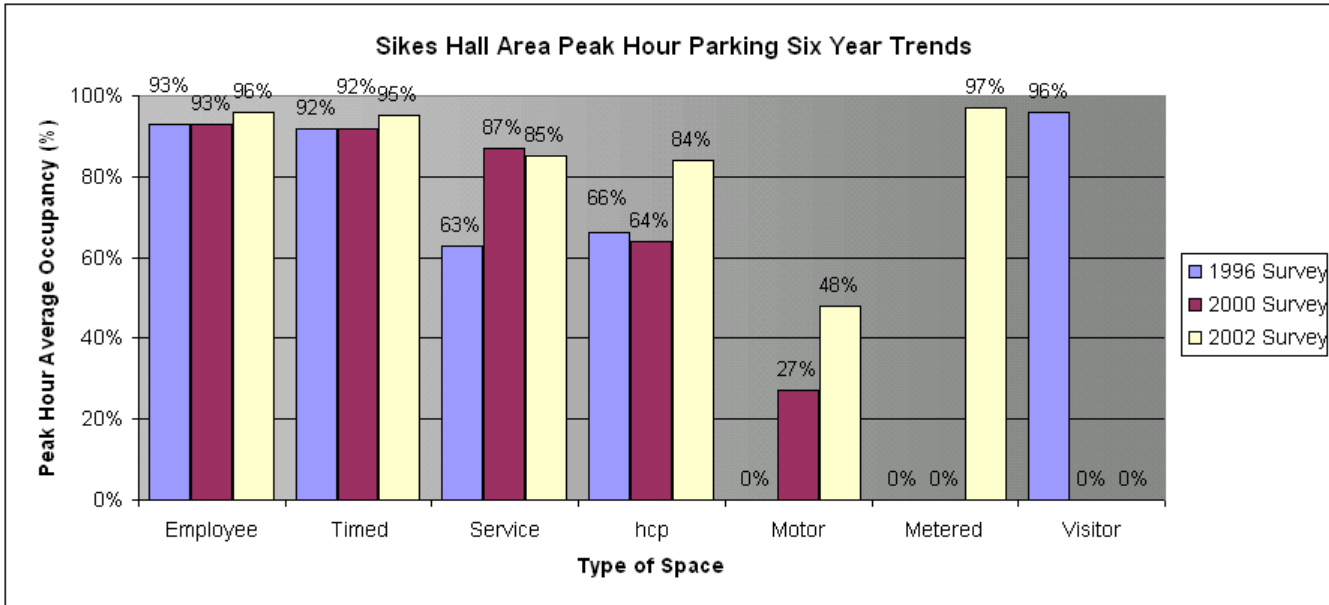
Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 Avg Occupancy (b/a)	
			M/W	Tu/Th	M/W	Tu/Th (occup. Spaces)		
A	31	Employee	30.5	31	31	31	30.88	99.60
	2	Service	2	2	1.5	2	1.88	93.75
	3	Timed	3	2.5	2	3	2.63	87.50
	2	H.C.	2	2	2	2	2.00	100.00
B	12	Employee	12	12	11	12	11.75	97.92
	4	Service	4	3.5	4	4	3.88	96.88
	5	Timed	5	4.5	4.5	5	4.75	95.00
	2	President	1	1	0	1	0.75	37.50
	1	H.C.	1	1	1	0.5	0.88	87.50
C	95	Employee	95	95	93.5	95	94.63	99.61
	24	Metered	24	22.5	22.5	24	23.25	96.88
	2	H.C.	1.5	2	1.5	2	1.75	87.50
D	92	Employee	92	91.5	91	91.5	91.50	99.46
	15	Mot	6	8	10	5.5	7.38	49.17
	2	Service	2	1.5	2	2	1.88	93.75
	2	H.C.	2	2	2	2	2.00	100.00
E	78	Employee	77	72.5	78	77.5	76.25	97.76
F	39	Employee	33	31.5	35.5	34	33.50	85.90
G	17	Employee	17	16.5	17	17	16.88	99.26
	78	Timed	78	77.5	75	77	76.88	98.56
	1	Service	0.5	1	1	0.5	0.75	75.00
	8	Mot	3	2	2.5	3	2.63	32.81
	1	H.C.	0.5	1	0.5	0.5	0.63	62.50
H	23	Timed	22.5	23	22	21.5	22.25	96.74
	1	H.C.	1	1	1	1	1.00	100.00
I	12	Employee	11.5	11.5	11	10.5	11.13	92.71
J	19	Timed	18.5	19	19	19	18.88	99.34
	11	Service	7	6.5	9.5	9	8.00	72.73
	5	Mot	3.5	3.5	3	2.5	3.13	62.50
	1	H.C.	0.5	0.5	0.5	0.5	0.50	50.00
K	25	Employee	25	24	24	25	24.50	98.00
	2	Service	2	2	2	1	1.75	87.50
<b>Total</b>	<b>615</b>		<b>583.5</b>	<b>575</b>	<b>581</b>	<b>582</b>	<b>580.38</b>	<b>94.37</b>



Type	Total	Peak Hour Avg. Occup.
Employee	401	96.53
Timed	128	95.43
Service	22	85.17
hcp	10	83.93
Motor	28	48.16
Metered	24	96.88
<b>Total Spaces</b>	<b>613</b>	

**Comments:**

1. 'Employee' spaces compose about 65% of the parking in this area. This parking use is nearing maximum utilization.
2. 'Timed' spaces compose 21% of the parking in this area. This use is nearing maximum utilization.
3. 'Metered' spaces were introduced to the campus in August of 2001. The meters in this area are for visitor use only. Composing 4% of the total parking in this area, 'Metered' spaces show extensive utilization.



1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	346	93%
Timed	132	92%
Service	19	63%
hcp	9	66%
Motor	0	0%
Metered	0	0%
Visitor	41	96%
<b>Total Spaces</b>	<b>547</b>	<b>97%</b>

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	367	93%
Timed	135	92%
Service	20	87%
hcp	11	64%
Motor	41	27%
Metered	0	0%
Visitor	0	0%
<b>Total Spaces</b>	<b>574</b>	<b>45%</b>

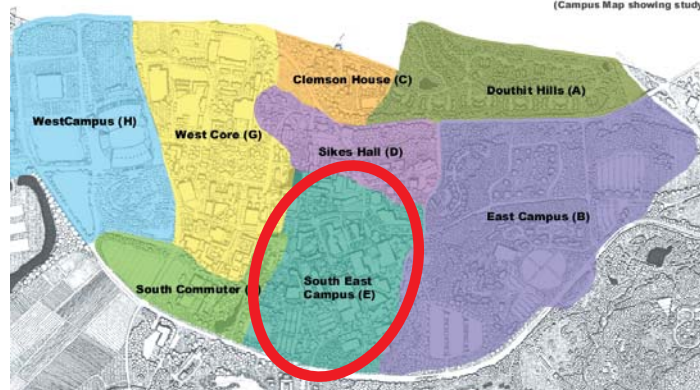
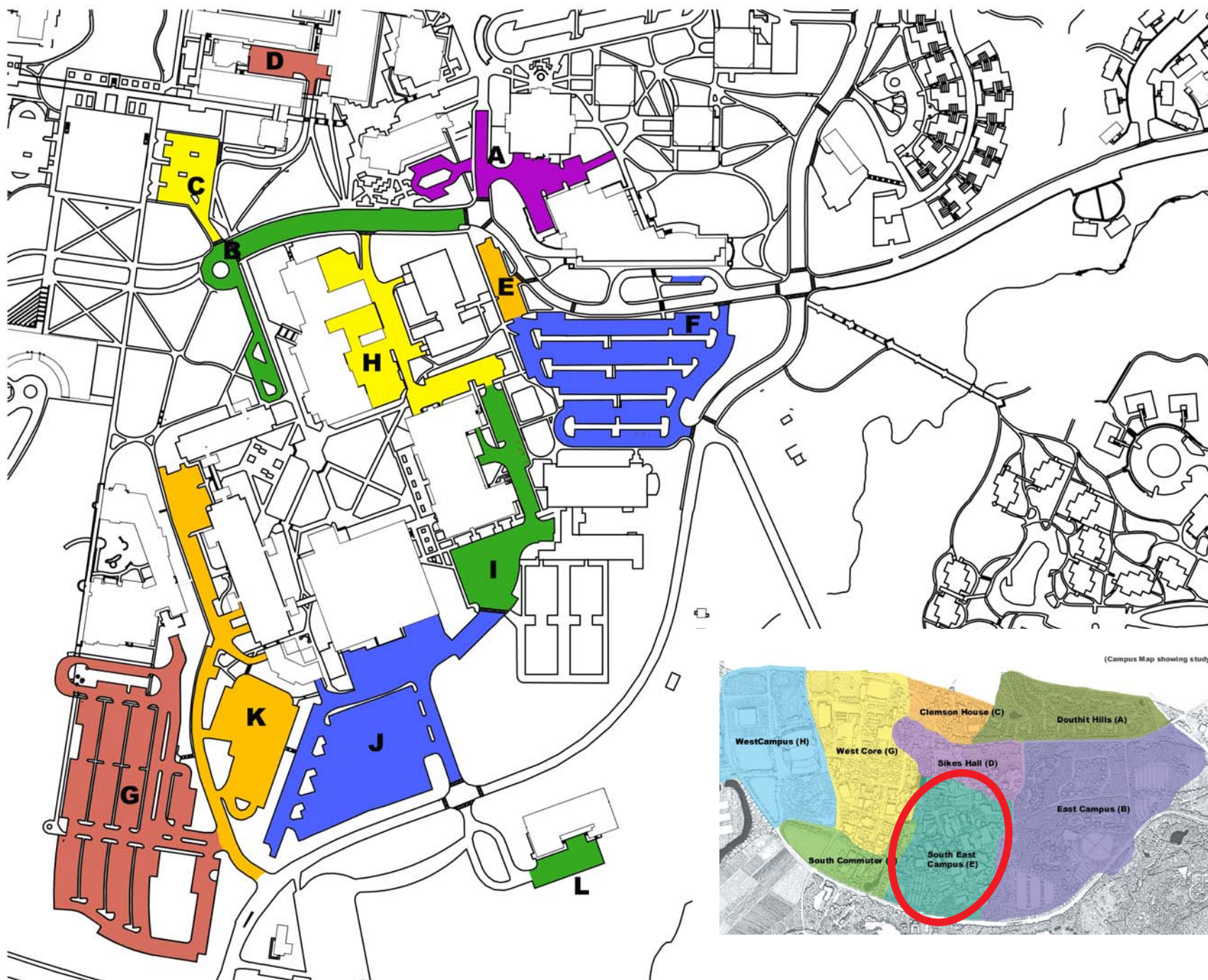
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	401	96%
Timed	128	95%
Service	22	85%
hcp	10	84%
Motor	28	48%
Metered	24	97%
Visitor	0	0%
<b>Total Spaces</b>	<b>613</b>	



Area **E**

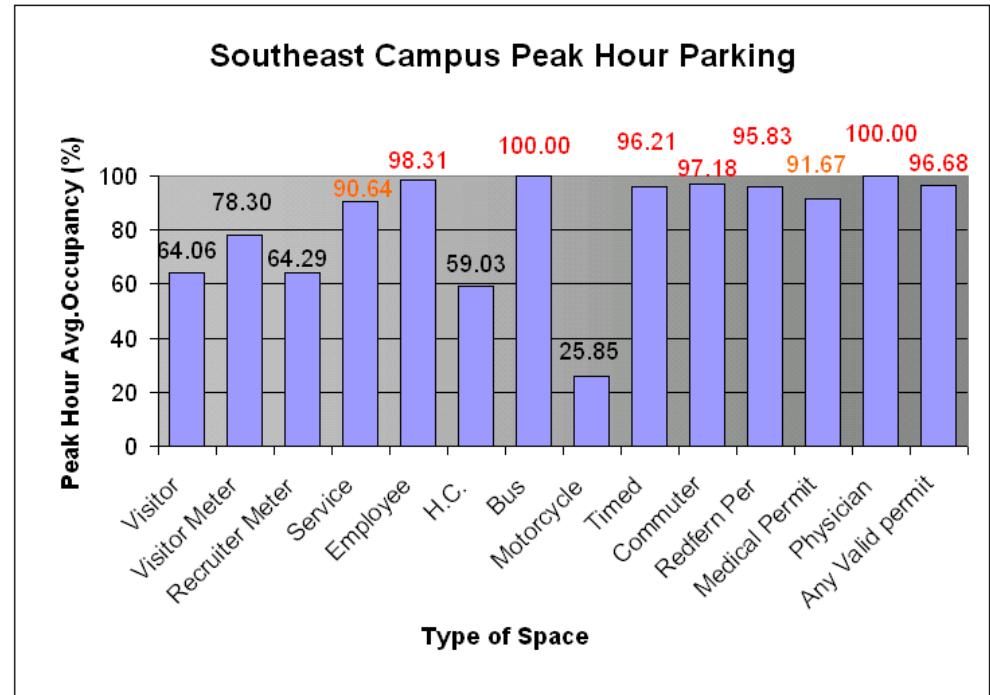
South East Campus

# E - South East Campus - Area Locator Map



# E - South East Campus - Data Summary Sheet

Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 Avg Occupancy (b/a)	
			M/W	Tu/Th	M/W	Tu/Th		
A	20	Employee	20	20	20	20	20.00	100.00
	1	Bus	1	1	1	1	1.00	100.00
	4	Timed	4	4	4	4	4.00	100.00
	3	Medical Permit	3	2.5	3	2.5	2.75	91.67
	4	Service	3	3	3	3.5	3.13	78.13
	2	H.C.	1	2	2	1	1.50	75.00
B	41	Employee	41	41	41	40.5	40.88	99.70
	16	Mot.	9.5	5	6.5	8.5	7.38	46.09
	2	H.C.	1.5	1.5	1.5	1.5	1.50	75.00
	8	Visitor	6.5	8	5.5	5	6.25	78.13
C	45	Employee	45	44.5	45	42.5	44.25	98.33
D	5	Service	4.5	4.5	5	4.5	4.63	92.50
	8	H.C.	7.5	8	6.5	7	7.25	90.63
E	20	Employee	20	20	20	19	19.75	98.75
	4	H.C.	1	3.5	4	2	2.63	65.63
	6	Redfern Perm	6	5	6	6	5.75	95.83
F	166	Employee	166	166	166	165	165.50	99.70
	53	Visitor Metered	43	42.5	47.5	33	41.50	78.30
	7	Recruiter Metered	3.5	5.5	3.5	5.5	4.50	64.29
	5	Mot	1.5	1	1	0.5	1.00	20.00
G	374	Commuter	373	374	358	325	357.38	95.55
	10	H.C.	6	6	2	1	3.75	37.50
	7	Timed	5.5	6.5	6.5	7	6.38	91.07
	1	Service	1	1	1	1	1.00	100.00
	64	Any Valid permit	63.5	58	63.5	62.5	61.88	96.68
H	62	Employee	62	62	61.5	61	61.63	99.40
	2	Physician	2	2	2	2	2.00	100.00
	1	H.C.	0.5	0	0.5	0	0.25	25.00
I	67	Employee	67	67	66.5	65.5	66.50	99.25
	5	H.C.	4.5	5	4.5	3.5	4.38	87.50
J	66	Employee	66	66	66	65.5	65.88	99.81
	294	Commuter	294	294	292	283	290.50	98.81
	12	Mot	1.5	0.5	0.5	3	1.38	11.46
	5	Service	5	5	5	5	5.00	100.00
	2	Timed	2	2	2	1.5	1.88	93.75
K	6	Timed	6	6	6	6	6.00	100.00
	7	Service	7	6.5	7	7	6.88	98.21
	192	Employee	192	192	190	184	189.00	98.44
	2	H.C.	2	1.5	2	0.5	1.50	75.00
L	1	H.C.	0	0	0	0	0.00	0.00
	1	Visitor	0.5	1	0.5	0	0.50	50.00
	17	Employee	16.5	16.5	14	14	15.25	89.71
	3	Service	2	2.5	3	1.5	2.25	75.00
Total	1621		1587	1563	1545	1471	1536.25	80.69

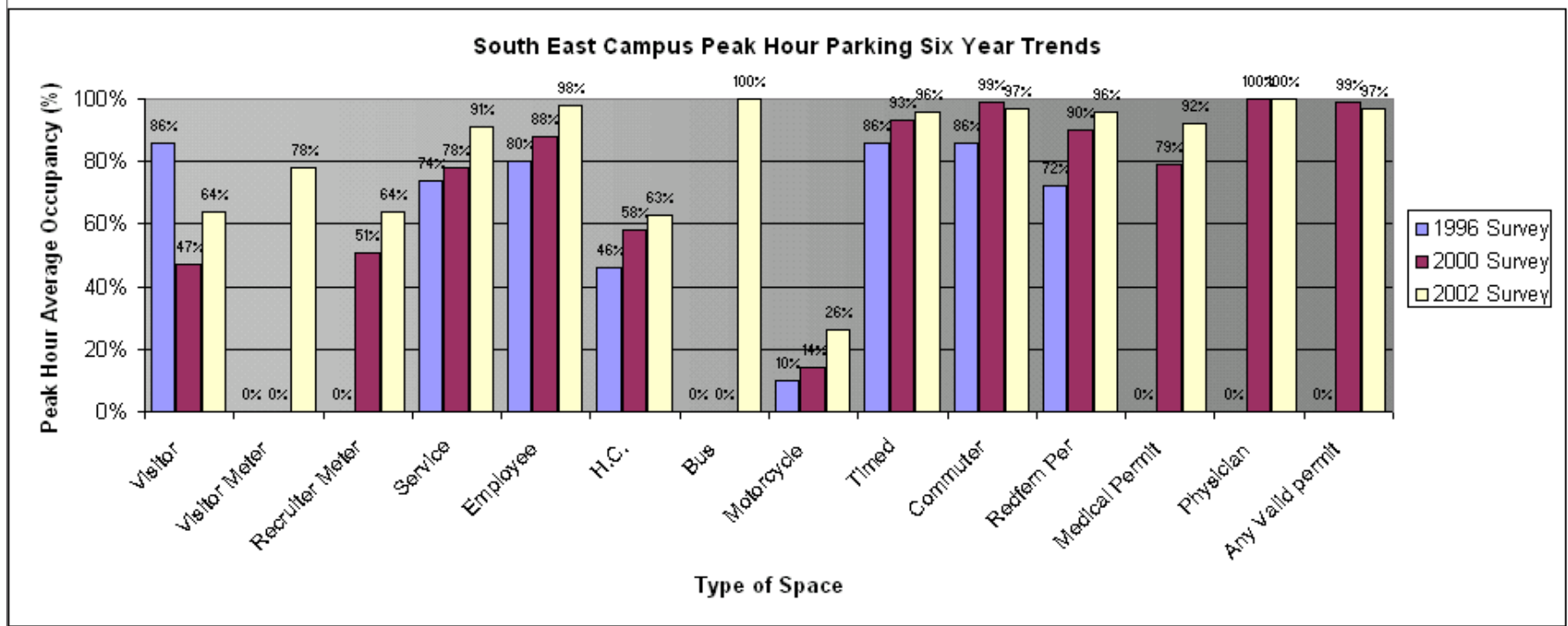


Type	Total	Peak Hour Avg. Occup
Visitor	9	64.06
Visitor Meter	53	78.30
Recruiter Meter	7	64.29
Service	25	90.64
Employee	696	98.31
H.C.	35	59.03
Bus	1	100.00
Motorcycle	33	25.85
Timed	19	96.21
Commuter	688	97.18
Redfern Per	6	95.83
Medical Permit	3	91.67
Physician	2	100.00
Any Valid permit	64	96.68
Total Spaces	1621	

Comments:

1. Not included in this survey is a temporary gravel lot that provides about 180 parking spaces for 'Employee' and 'Commuter' use. This lot is used extensively.
2. 84% of the parking in this area is designated 'Employee' or 'Commuter'. These parking uses are at or above 97% utilization.
3. 'Any Valid Permit' spaces, all of which are located in the Brooks Center parking lot, compose 4% of the parking in this area. This use is nearing maximum utilization.
4. 'Visitor Metered' spaces were introduced to this area after the completion of the Student Center. Composing 3.3% of the total parking in this area, 'Metered' spaces show moderate utilization.





1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Visitor	31	86%
Visitor Meter	0	0%
Recruiter Meter	0	0%
Service	32	74%
Employee	765	80%
H.C.	33	46%
Bus	0	0%
Motorcycle	51	10%
Timed	32	86%
Commuter	841	86%
Redfern Per	4	72%
Medical Permit	0	0%
Physician	0	0%
Any Valid permit	0	0%
Total Spaces	1789	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Visitor	29	47%
Visitor Meter	0	0%
Recruiter Meter	7	51%
Service	27	78%
Employee	892	88%
H.C.	32	58%
Bus	0	0%
Motorcycle	34	14%
Timed	67	93%
Commuter	668	99%
Redfern Per	6	90%
Medical Permit	3	79%
Physician	1	100%
Any Valid permit	64	99%
Total Spaces	1830	

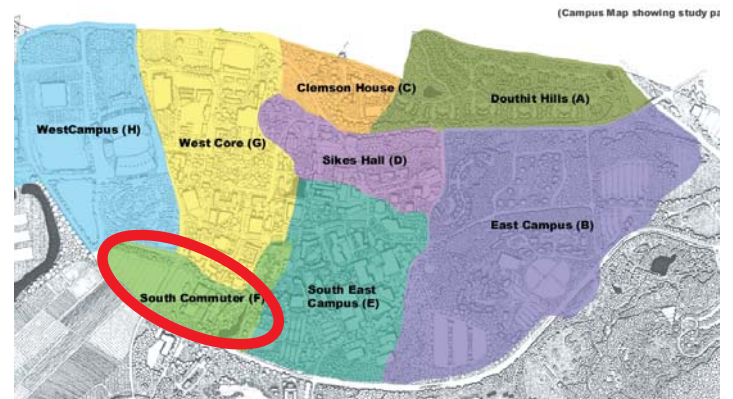
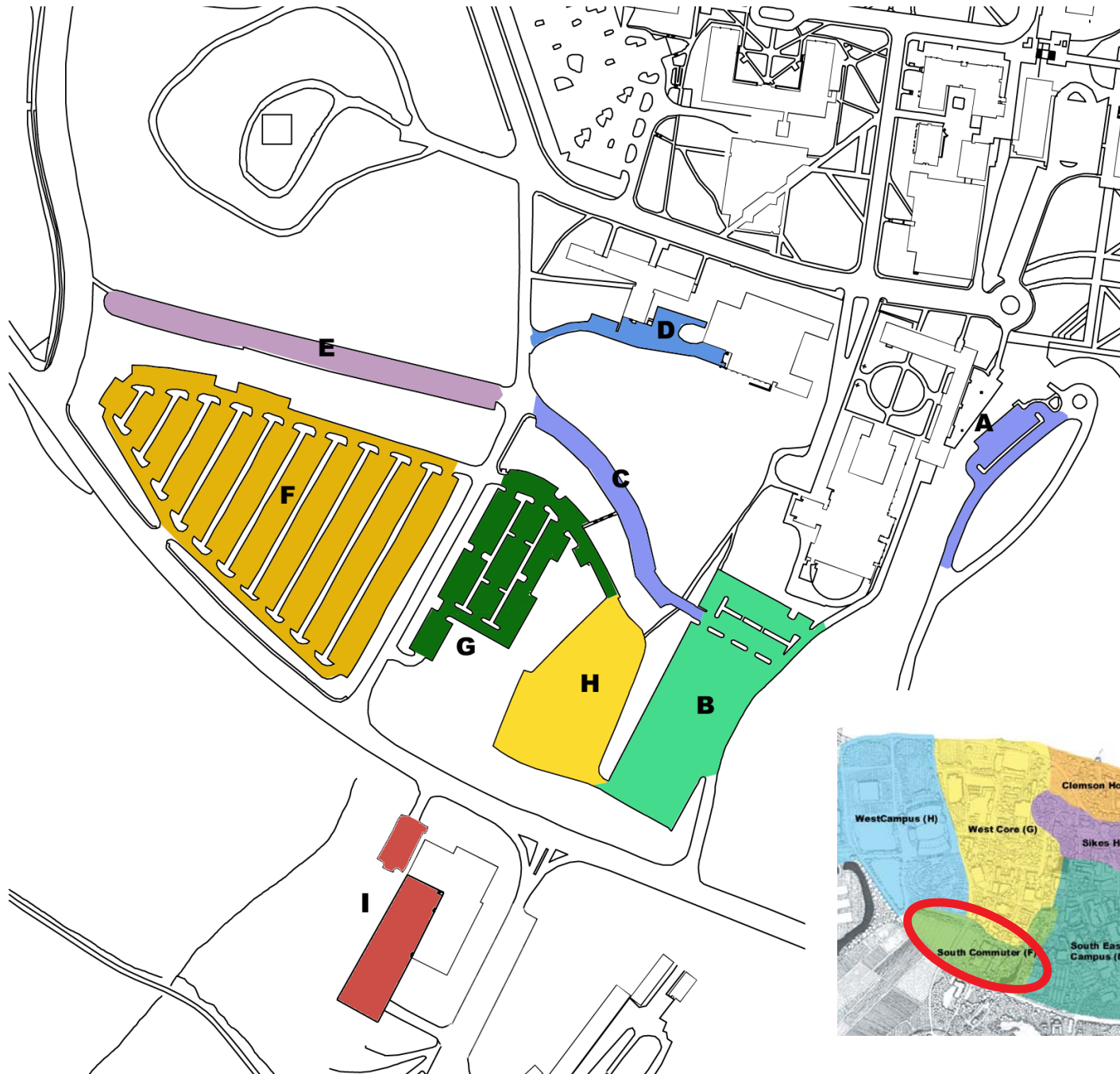
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Visitor	9	64%
Visitor Meter	53	78%
Recruiter Meter	7	64%
Service	25	91%
Employee	696	98%
H.C.	35	63%
Bus	1	100%
Motorcycle	33	26%
Timed	19	96%
Commuter	668	97%
Redfern Per	6	96%
Medical Permit	3	92%
Physician	2	100%
Any Valid permit	64	97%
Total Spaces	1621	



Area **F**

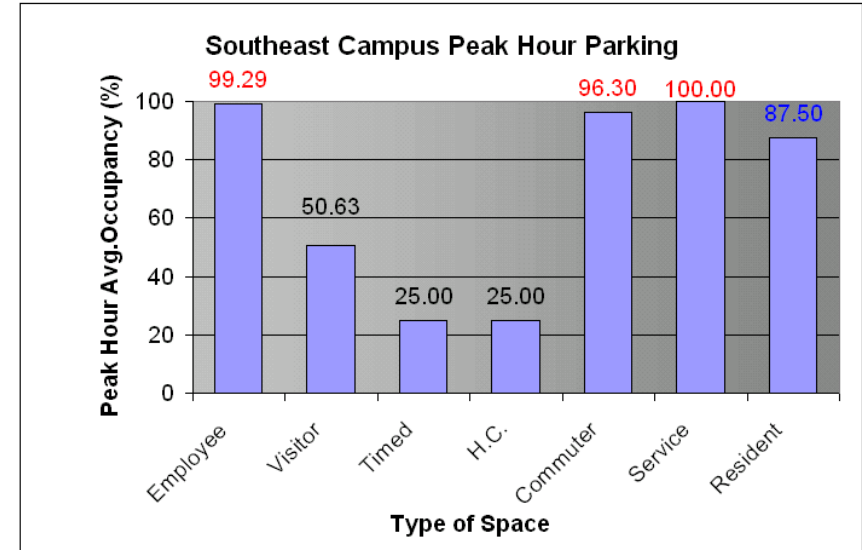
South Commuter

# F - South Commuter - Area Locator Map



## F - South Commuter - Data Summary Sheet

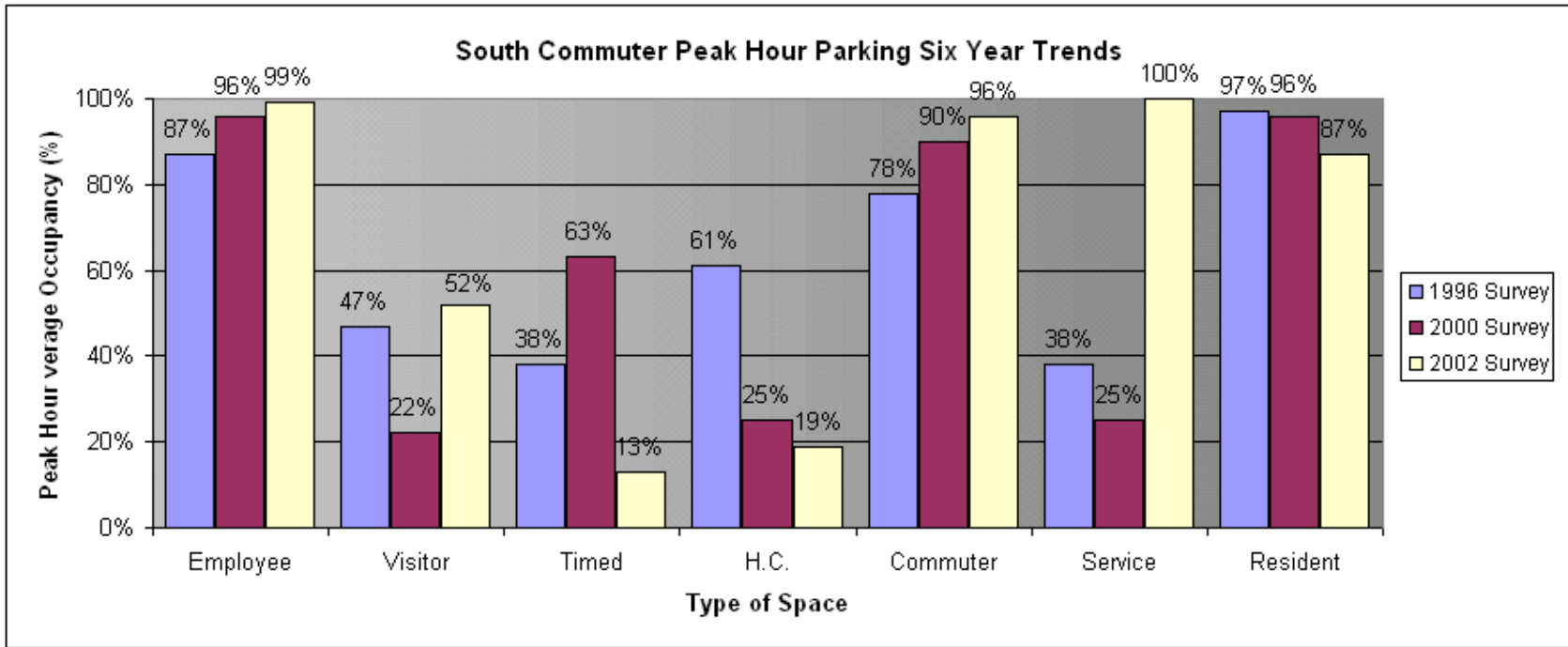
Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 (occup.Sp	Occupancy (b/a)
			M/W	Tu/Th	M/W	Tu/Th		
A	28	Employee	27	27.5	25.5	27	26.75	95.54
	38	Visitor	25.5	23.5	21	18.5	22.13	58.22
	1	Timed	0.5	0	0	0	0.13	12.50
	1	H.C.	0	0	0	0	0.00	0.00
B	273	Commuter	273	273	272	273	272.50	99.82
	73	Employee	73	73	73	70.5	72.38	99.14
C	73	Commuter	73	73	73	72	72.75	99.66
	20	Employee	20	20	20	19	19.75	98.75
D	1	Service	1	1	1	1	1.00	100.00
	11	Employee	11	11	11	11	11.00	100.00
E	193	Commuter	193	193	183	145	178.38	92.42
F	848	Resident	763	764	725	713	740.88	87.37
G	220	Commuter	220	220	213	153	201.25	91.48
H	238	Commuter	238	238	236	201	228.00	95.80
I	48	Employee	48	48	48	48	48.00	100.00
	22	Visitor	9.5	9	9	12.5	10.00	45.45
	1	HC	1	0.5	0	0	0.38	37.50
<b>Total</b>	<b>2089</b>		<b>1976</b>	<b>1974</b>	<b>1909</b>	<b>1763</b>	<b>1905.25</b>	<b>91.20</b>



Type	Total # Spaces	Peak hour Avg. Occupancy
Employee	180	98.69
Visitor	60	51.84
Timed	1	12.50
H.C.	2	18.75
Commuter	997	95.83
Service	1	100.00
Resident	848	87.37
<b>Total Spaces</b>	<b>2089</b>	

**Comments:**

1. 56% of the parking in this area is designated 'Employee' or 'Commuter'. These parking uses are at or above 96% utilization.
2. 'Resident' spaces, all of which are located in one parking lot, compose 41% of the parking in this area. This use shows high utilization.
3. 'Timed' and 'Handicap spaces represent only 0.1% of the total parking in this area.



**1996 Survey**

Type	Total	Peak Hr. Avg.Occup
Employee	116	87%
Visitor	2	47%
Timed	1	38%
H.C.	1	61%
Commuter	932	78%
Service	1	38%
Resident	886	97%
<b>Total Spaces</b>	<b>1939</b>	

**2000 Survey**

Type	Total	Peak Hr. Avg.Occup
Employee	132	96%
Visitor	38	22%
Timed	1	63%
H.C.	2	25%
Commuter	997	90%
Service	1	25%
Resident	848	96%
<b>Total Spaces</b>	<b>2019</b>	

**2002 Survey**

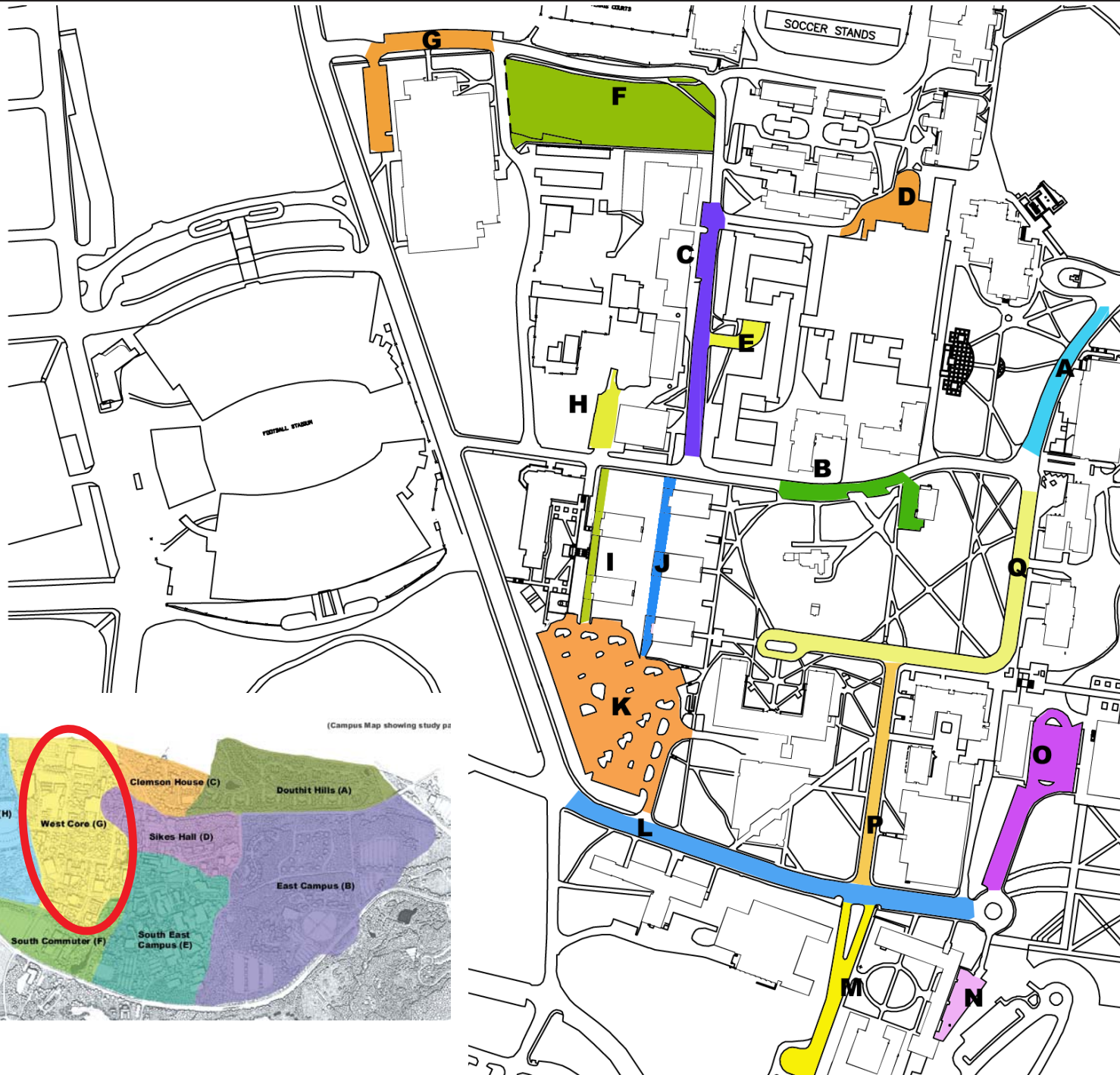
Type	Total	Peak Hr. Avg.Occup
Employee	180	99%
Visitor	60	52%
Timed	1	13%
H.C.	2	19%
Commuter	997	96%
Service	1	100%
Resident	848	87%
<b>Total Spaces</b>	<b>2089</b>	



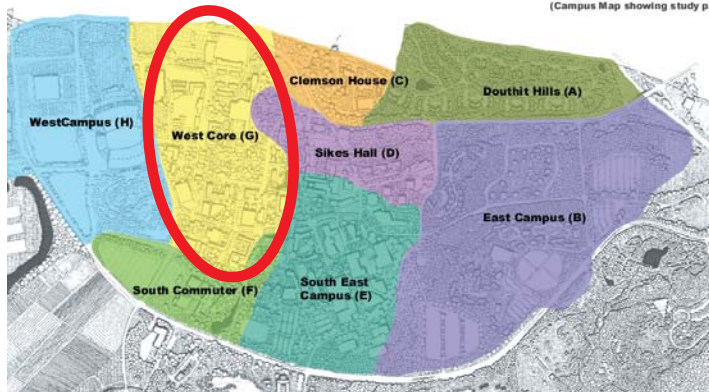
Area **G**

West Core Campus

# G - West Core Campus - Area Locator Map



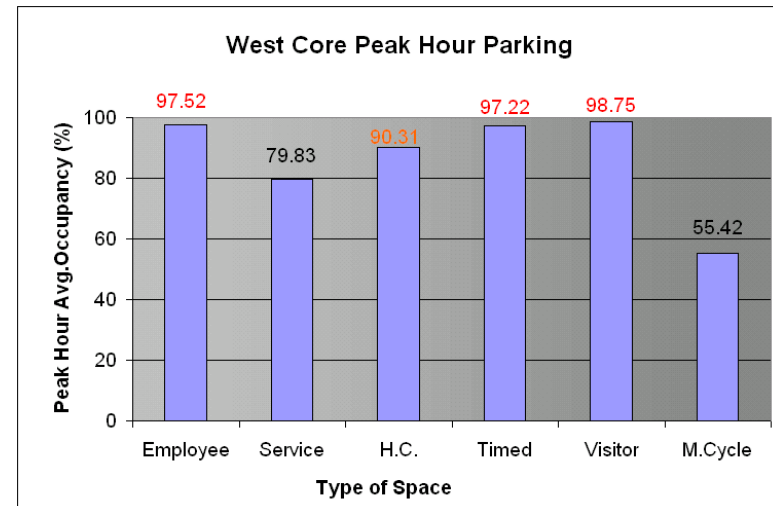
(Campus Map showing study pt



# G - West Core Campus - Data Summary Sheet

Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 Avg. Occupancy (b/a)	
			M/W	Tu/Th	M/W	Tu/Th		
A	14	Employee	14	14	14	14	14	100.00
B	13	Employee	13	13	13	13	13	100.00
	1	Service	1	1	1	1	1	100.00
	6	H.C.	5.5	5.5	6	5	5.5	91.67
	1	Timed	1	1	1	1	1	100.00
C	28	Employee	28	28	28	27	27.75	99.11
	3	Timed	2.5	1.5	3	2.5	2.375	79.17
	2	H.C.	1.5	1.5	2	2	1.75	87.50
	14	Mot	2.5	3	3.5	3.5	3.125	22.32
	20	Service	16.5	19	16.5	16	17	85.00
D	4	Service	3	4	4	4	3.75	93.75
	3	Timed	3	3	2.5	3	2.875	95.83
E	12	Timed	12	12	12	12	12	100.00
	1	Service	1	1	1	0.5	0.875	87.50
F	3	Service	1	1.5	2.5	2.5	1.875	62.50
	152	Employee	152	145	149	150	148.625	97.78
G	29	Employee	18	16.5	24	21	19.875	68.53
	14	Mot	0	0	0	1.5	0.375	2.68
H	20	Employee	18.5	20	20	20	19.625	98.13
	6	Service	5.5	4	3.5	4.5	4.375	72.92
I	4	Timed	4	4	4	4	4	100.00
J	9	Timed	9	9	9	9	9	100.00
	1	Service	1	0.5	0.5	0	0.5	50.00
K	262	Employee	259	261	262	259	260.125	99.28
	5	H.C.	4.5	3.5	5	4.5	4.375	87.50
L	59	Employee	59	59	59	58.5	58.875	99.79
	2	Serv	1	1.5	2	0.5	1.25	62.50
	3	H.C.	3	3	1.5	3	2.625	87.50
	28	Mot	8	9	3.5	4.5	6.25	22.32
M	3	H.C.	3	2.5	2	2.5	2.5	83.33
	10	Visitor	10	9.5	10	10	9.875	98.75
	1	Service	1	1	1	0.5	0.875	87.50
	3	Timed	3	3	3	3	3	100.00
	2	Employee	2	2	2	2	2	100.00

N	Don't count							
O	59	Employee	59	59	59	58	58.75	99.58
	2	Service	2	2	2	1.5	1.875	93.75
	3	H.C.	3	2.5	2.5	3	2.75	91.67
	2	Timed	2	2	2	2	2	100.00
P	3	M.Cycle	2.5	3	2	2.5	2.5	83.33
	21	Employee	21	20.5	21	21	20.875	99.40
	1	Service	1	1	1	0	0.75	75.00
	3	H.C.	2.5	3	3	3	2.875	95.83
Q	5	H.C.	5	4.5	5	5	4.875	97.50
	56	Employee	45	44.5	45	44	44.625	79.69
	2	Service	2	1.5	2	1.5	1.75	87.50
	4	Timed	4	4	4	4	4	100.00
8	M.Cycle	6	7.5	7	5.5	6.5	81.25	
Total	907		821	818	826	816	820.125	90.42



Type	Total	Peak Hour Avg. Occup.
Employee	715	97.52
Service	44	79.83
H.C.	30	90.31
Timed	41	97.22
Visitor	10	98.75
M.Cycle	67	55.42
Total Spaces	907	

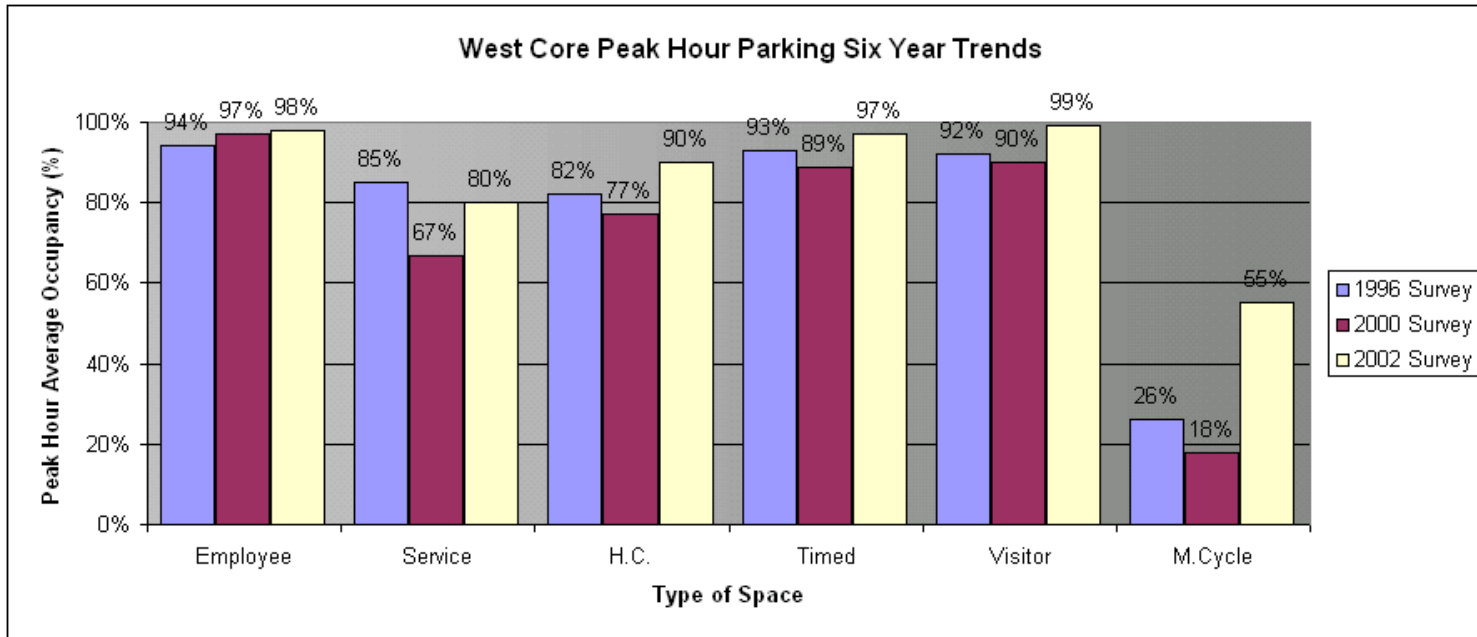
1. Comments:

84% of the parking in this area is designated 'Employee', 'Timed' or 'Visitor'. These parking uses are at or above 97% utilization.

2.

'Handicap' spaces represent 3.3% of the total parking in this area and show 90% utilization.





1996 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	811	94%
Service	39	85%
H.C.	33	82%
Timed	72	93%
Visitor	14	92%
M.Cycle	92	26%
<b>Total Spaces</b>	<b>1061</b>	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	816	97%
Service	43	67%
H.C.	29	77%
Timed	83	89%
Visitor	10	90%
M.Cycle	41	18%
<b>Total Spaces</b>	<b>1022</b>	

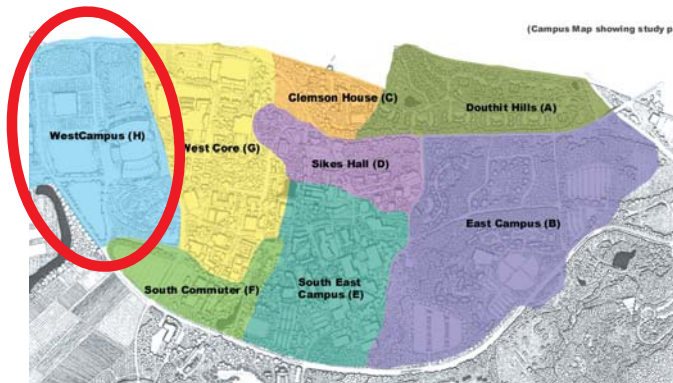
2002 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	715	98%
Service	44	80%
H.C.	30	90%
Timed	41	97%
Visitor	10	99%
M.Cycle	67	55%
<b>Total Spaces</b>	<b>907</b>	



Area **H**

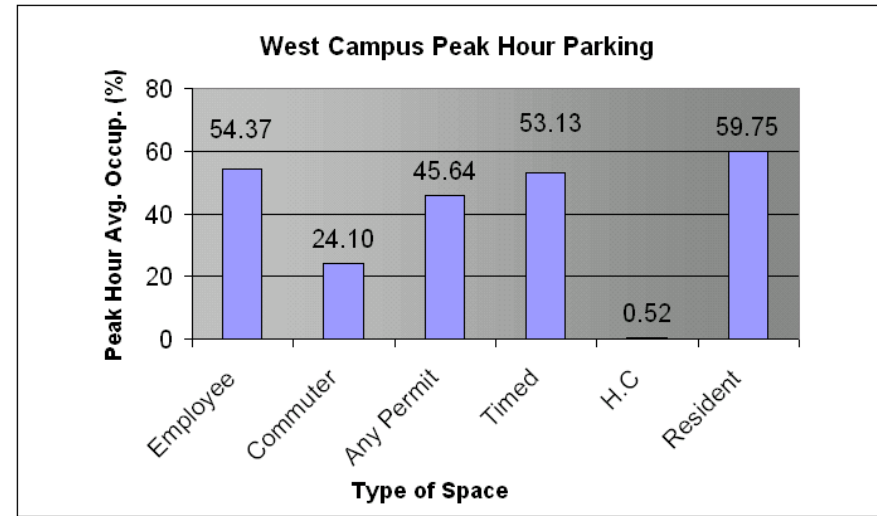
West Campus

# H - West Campus - Area Locator Map



# H - West Campus - Data Summary Sheet

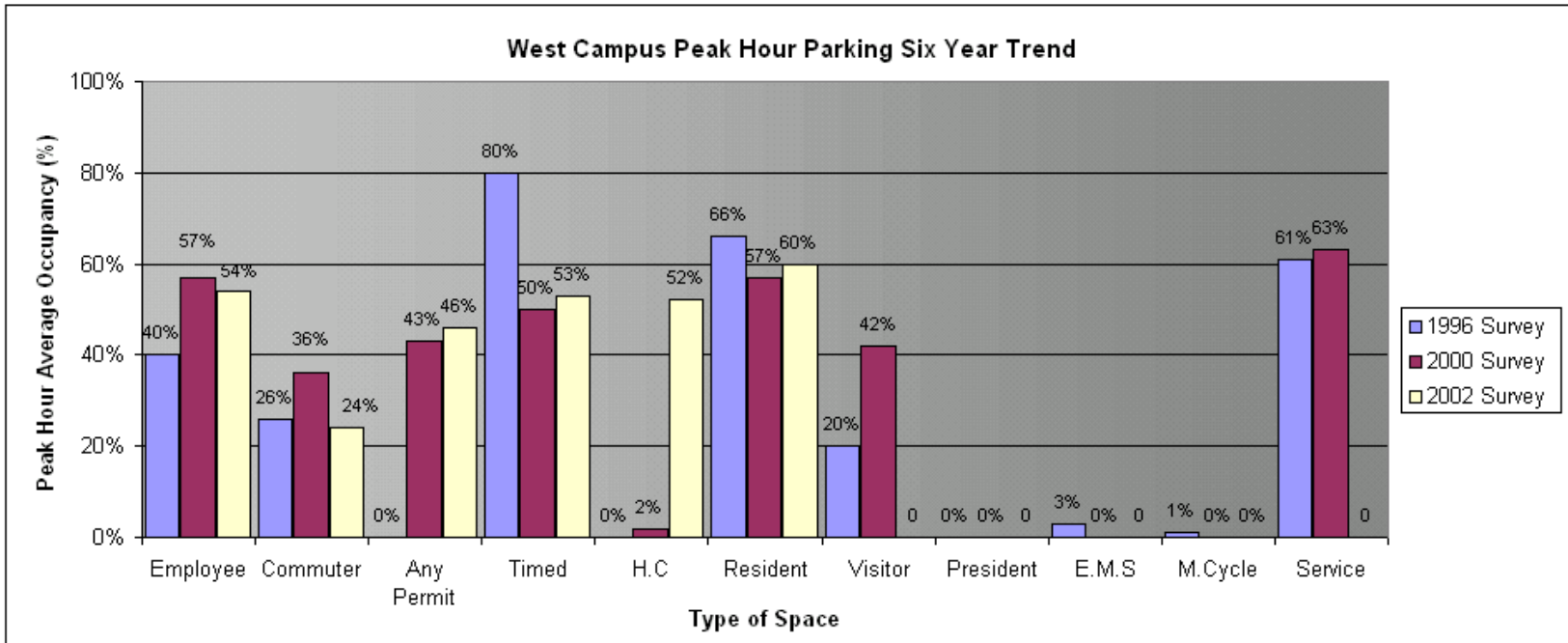
Area	Total # Spaces	Type	10:00		2:00		10:00-4:00 (occup. Spaces)	Avg. Occupancy (b/a)
			M/W	Tu/Th	M/W	Tu/Th		
A	144	Employee	57.5	63	59	64	60.88	42.27
B	14	Employee	10	11.5	11	11	10.88	77.68
	111	Commuter	109	111	110	109	109.63	98.76
	93	Any Permit	92.5	93	93	91.5		
	4	Timed	2.5	3	1	1.5	2.00	50.00
C	96	Commuter	18	12	21	20	17.75	18.49
D	59	Commuter	0	1.5	0	0	0.38	0.64
E	122	Employee	49	51.5	49	48.5	49.50	40.57
	7	Visitor	6.5	7	7	6.5		
	5	H.C.	0	0	0	0	0.00	0.00
F	231	Any Permit	56.5	71	108	97	83.13	35.98
	8	H.C.	0	0	0.5	0	0.13	1.56
G	784	Any Permit	387	459	422	467	433.50	55.29
H	57	Any Permit	UNDER CONSTRUCTION					
I	136	Commuter	2.5	3.5	2.5	5	3.38	2.48
J	759	Resident	487	447	448	434	453.50	59.75
K	209	Commuter	14.5	37	47.5	50.5	37.38	17.88
L	71	Employee	32	17	20	19	22.00	30.99
	8	Visitor	7	3	3.5	4.5	4.50	56.25
	1	H.C.	0	0	0	0	0.00	0.00
	11	Service	UNDER CONSTRUCTION					
M	61	Visitor	UNDER CONSTRUCTION					
	67	Commuter	4.5	4	4.5	4	4.25	6.34
N	57	Visitor	UNDER CONSTRUCTION					
	1	President	UNDER CONSTRUCTION					
	2	E.M.S.	UNDER CONSTRUCTION					
O	40	Employee	29	37.5	26.5	35.5	32.13	80.31
Total	3158		1336	1394	1407	1432	1292.75	40.94



Type	Total # Spaces	Peak Hour Avg. Occup.
Employee	391	54.37
Commuter	678	24.10
Any Permit	1172	45.64
Timed	12	53.13
H.C.	14	0.52
Resident	759	59.75
Visitor	118	Under Construction
President	1	Under Construction
E.M.S	2	Under Construction
Service	11	Under Construction
<b>Total Spaces</b>	<b>3158</b>	

**Comments:**

1. 4% of the parking in this area is currently unavailable for parking due to construction activity.
2. 'Any Permit' spaces represent 37% of the total parking in this area. This parking is under utilized.
3. All measurable parking in this area appears to be under utilized.



1996 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	394	40%
Commuter	1698	26%
Any Permit	0	0%
Timed	16	80%
H.C	6	0%
Resident	891	66%
Visitor	138	20%
President	0	0%
E.M.S	2	3%
M.Cycle	8	1%
Service	11	61%
<b>Total Spaces:</b>	<b>3164</b>	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	264	57%
Commuter	850	36%
Any Permit	1107	43%
Timed	18	50%
H.C	12	2%
Resident	892	57%
Visitor	141	42%
President	1	0%
E.M.S	2	0%
M.Cycle	0	0%
Service	11	63%
<b>Total Spaces:</b>	<b>3298</b>	

2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	391	54%
Commuter	678	24%
Any Permit	1172	46%
Timed	12	53%
H.C	14	52%
Resident	759	60%
Visitor	118	Under Construction
President	1	Under Construction
E.M.S	2	Under Construction
M.Cycle	0	0%
Service	11	Under Construction
<b>Total Spaces:</b>	<b>3158</b>	



***C R E D I T S:***

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Gerald Vander Mey

Project Director

March 2002

Clemson University

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Campus Planning Services