



CLEMSON UNIVERSITY

Parking Utilization Study 2006 Biennial Report



CONTENTS

Introduction

Integrated Campus Parking Profile

Area [A] - Douthit Hills Parking

Area [B] - East Campus Resident Parking

Area [C] - Clemson House Parking

Area [D] - Sikes Hall Area Parking

Area [E] - Southeast Campus Parking

Area [F] - South Commuter Parking

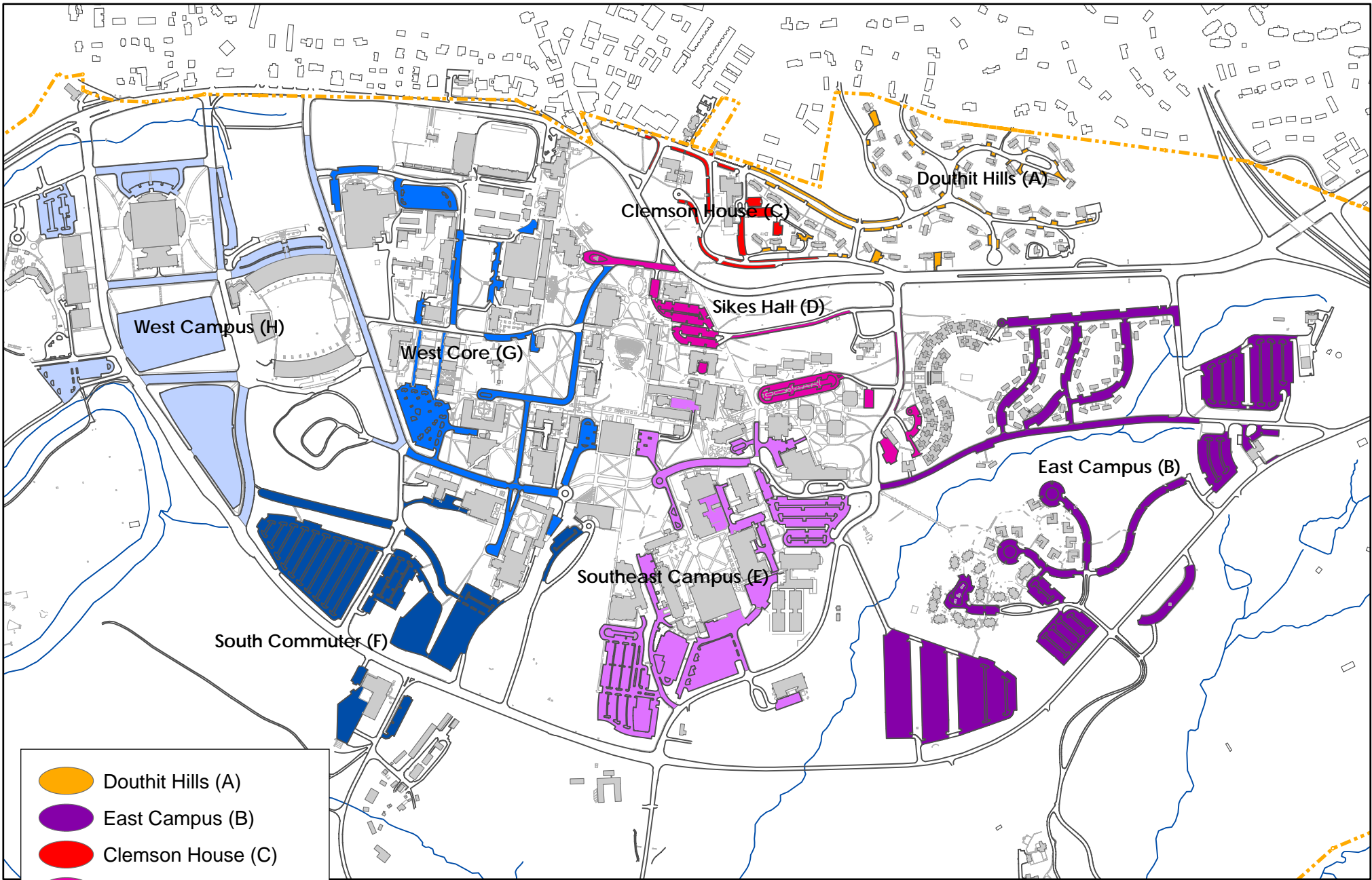
Area [G] - West Core Parking









Area [H] - West Campus Parking

INTRODUCTION

Purpose This document is a compilation of data gathered from February 27, 2006 - March 2, 2006 and March 6, 2006 - March 9, 2006. 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.

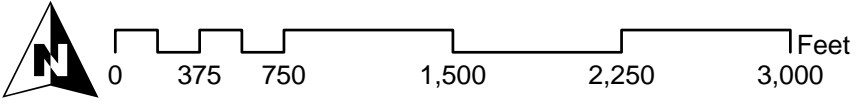
Scope The campus contains approximately 13,158 parking spaces. It is the goal of this study to ascertain the manner in which the spaces are used on a comprehensive level. This report documents peak hour (10:00AM & 2:00PM) utilization for two consecutive weeks. The average values of the surveys conducted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



-  Douthit Hills (A)
-  East Campus (B)
-  Clemson House (C)
-  Sikes Hall (D)
-  Southeast Campus (E)
-  South Commuter (F)
-  West Core Campus (G)
-  West Campus (H)

PARKING UTILIZATION

Study Areas



Area	Douthit Hills			
A	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	

Please Note that the numbers listed above for the Douthit Hills Study Area reflect the conditions surveyed in 2002. This area was not studied in 2006 because of imminent change coming to this part of campus. The graduate and family housing units in this area will soon be scheduled for demolition. Therefore, the parking facilities and usage in this area will change dramatically. Parking spaces for Clemson House residents continue to demonstrate very high utilization.

B	East Campus			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
Employee	14	8.13	58.04	
Motor Cycle	26	8.06	31.01	
Commuter	174	77.25	44.40	
Any Permit	519	430.13	82.88	
Timed	9	4.88	54.17	
H.C	30	5.81	19.38	
Resident	2650	2066.81	77.99	
Service	9	3.38	37.50	
Undesignated	0	0.00	0.00	
Visitor	79	8.63	10.92	
Bus	4	0.00	0.00	

C	Clemson House			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup.	
Employee	215	192.88	89.71	
Service	5	4.06	81.25	
H.C.	4	1.56	39.06	
Visitor	32	17.38	54.30	
M.Cycle	7	2.00	28.57	
Clemson Hse	44	43.50	98.86	
Timed	13	4.44	34.13	
Special Use	18	3.56	19.79	
Housing	16	15.19	94.92	

D	Sikes			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
Employee	382.00	365.67	95.72	
Timed	121.00	85.10	70.33	
Service	34.00	13.35	39.28	
H.C.	10.00	7.40	73.96	
Motor	28.00	15.23	54.39	
President	2.00	0.58	29.17	
Visitor	5.00	3.83	76.67	
Metered	24.00	19.77	82.38	

Area	SouthEast Campus			
E	Type	Total	Peak Hr	Avg%Occup
			Avg Occup.	
	Visitor	9	6.25	69.44
Visitor Meter	53	45.81	86.44	
Recruiter Meter	7	5.25	75.00	
Service	26	22.04	84.78	
Employee	769	755.69	98.27	
H.C.	46	26.79	58.24	
Bus	0	N/A	N/A	
Motorcycle	39	15.25	39.10	
Timed	19	16.02	84.32	
Commuter	664	652.10	98.21	
Redfern Permit	6	5.75	95.83	
Medical Permit	3	2.50	83.33	
Physician	2	1.54	77.08	
Any Valid permit	64	63.08	98.57	

F	South Commuter			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
Employee	251	234.63	93.48	
Visitor	48	12.06	25.13	
Timed	1	0.75	75.00	
H.C.	2	1.00	50.00	
Commuter	977	841.63	86.14	
Service	1	0.38	37.50	
Resident	829	803.56	96.93	
Motorcycle	2	0.63	31.25	

G	West Core			
	Type	Total	Peak Hr	Avg%Occup
			Avg Occup	
Employee	772	738.77	95.70	
Service	63	40.96	65.01	
H.C.	37	27.29	73.76	
Timed	58	47.50	81.90	
Special Use	5	2.13	42.50	
Visitor	17	14.35	84.44	
Motor Cycle	79	33.23	42.06	

H	West Campus			
	Type	Total	Peak Hr	Avg%Occup.
			Avg Occup	
Employee	281.00	194.31	69.15	
Commuter	771.00	542.69	70.39	
Any Permit	1142.00	675.63	59.16	
Timed	5.00	4.25	85.00	
H.C	13.00	1.81	13.94	
Resident	778.00	454.56	58.43	
Visitor	6.00	5.75	95.83	
President	0.00		Relocated	
E.M.S	0.00		Relocated	
Service	11.00		Under Construction	
Motorcycle	3.00	1.75	58.33	

Integrated Campus Parking Profile			
Type	Total	Peak Hr	Avg% Occup
		Avg.Occup	
Employee	2689	2490.69	92.63
Commuter	2586	2113.67	81.73
Resident	4257	3324.94	78.11
Douthit Res.	110	65.63	59.66
Clemson Res	236	232.50	98.52
H.C.	143	71.79	50.20
Timed	226	162.94	72.10
Visitor	196	68.25	34.82
Service	149	84.17	56.49
Motor Cycle	184	76.15	41.38
E.M.S.	0	Relocated	Relocated
Resident	2	0.58	29.17
Redfern Permit	6	5.75	95.83
Physician	2	1.54	77.08
Medical Permit	3	2.50	83.33
Recruiter Meter	7	5.25	75.00
Visitor Meter	53	45.81	86.44
Meter	24	19.77	82.38
Any Permit	1725	1168.83	67.76
Undesignated	71	38.88	54.75
Total	12669	9979.63	78.77

Note:

"Type" is the parking designation.

"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.

According to the most recent survey, there are 13,018 parking stalls on campus. The 2006 Parking Utilization Study focuses on the most highly-utilized parking facilities on campus. This study does not account for each parking space on campus. The following lots are examples of facilities not included in the study:

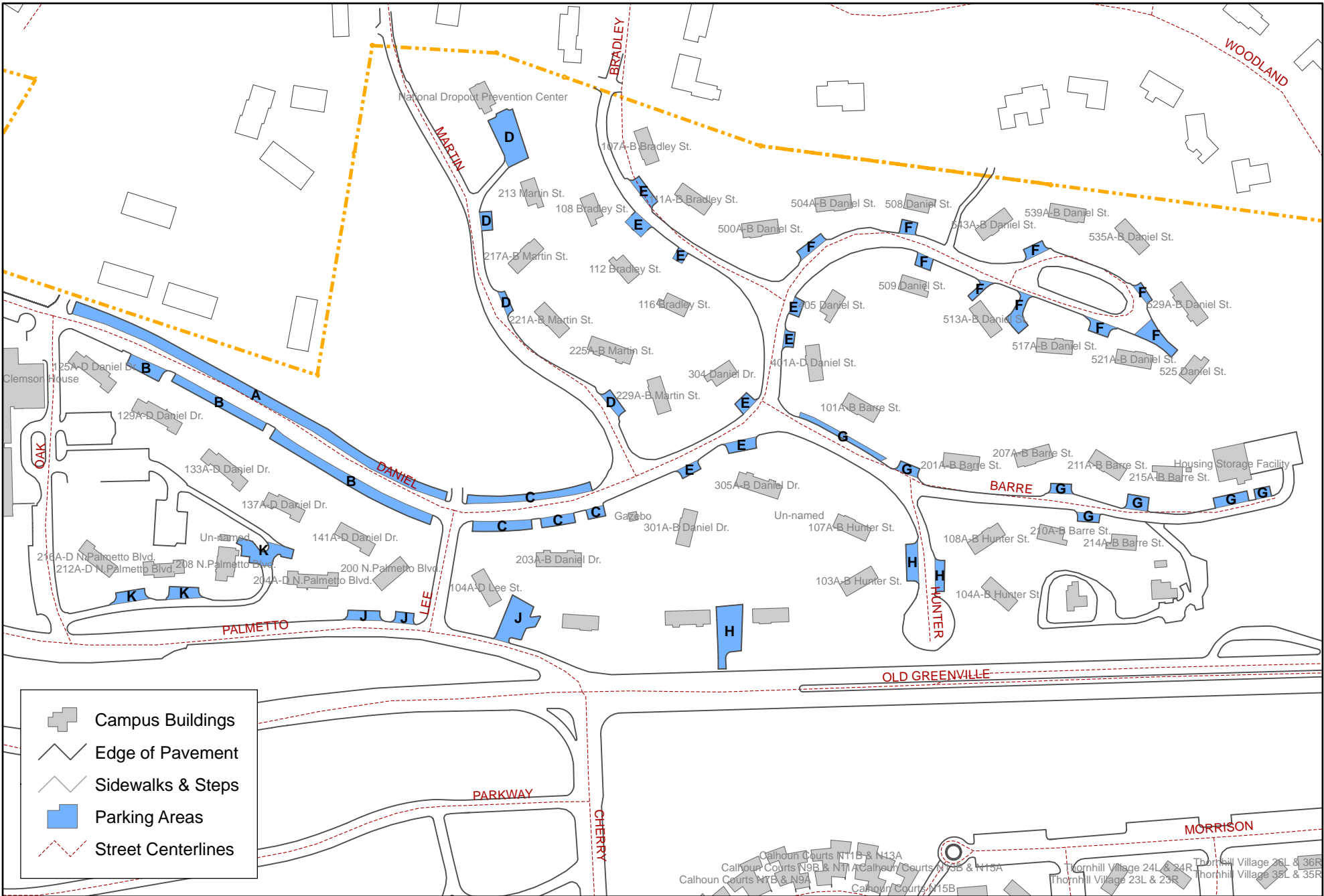
Mell Hall Lot	29 Spaces
Gentry Hall Lot	31 Spaces
Daniel House Lot	21 Spaces
Endocrine Lab Lot	181 Spaces (Unmarked)
Kingsmore Stadium	29 Spaces

INTEGRATED CAMPUS PARKING PROFILE



AREA [A] - DOUTHIT HILLS

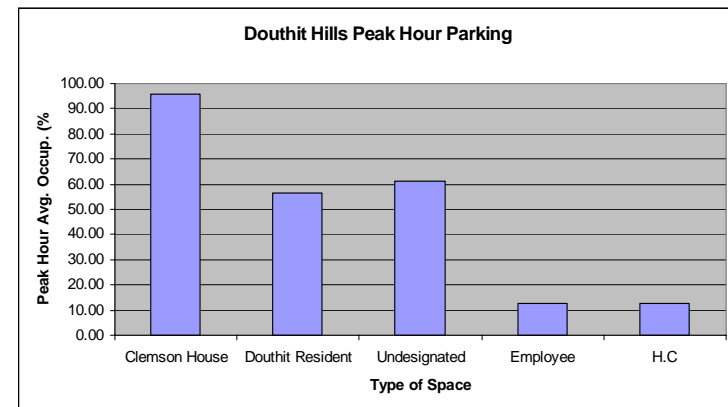
[A]



DOUTHITT HILLS Area Locator Map

(A) Douthit Hills Parking

Area	(a)		(b)				Average Occupancy (b/a)	
	Total # Spaces	Type	10:00		2:00			10:00-4:00 (occup.Spaces)
			M/W	Tu/Th	M/W	Tu/Th		
A	95	Clem.Hse Res	95	95	93.5	94.5	94.50	99.47
B	21	Douthit Assigned	16	14.5	14	17	15.38	73.21
	6	Undesignated	5	3.5	3.5	3.5	3.88	64.58
	42	Clem Hse Res	42	41.5	41.5	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	45.5	46.5	47	47.5	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	11.5	8	8	8.5	9.00	56.25
F	21	Douthit Assigned	11.5	12.5	17	14.5	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 Resident	110	56.69
Undesignated	71	61.04
Employee	5	12.50
H.C	1	12.50
Total Spaces	379	

Type	10:00-4:00 Avg. (occup.Spaces)
Clemson House	189.00
Douthit Resident	65.63
Undesignated	38.88
Employee	0.63
H.C	0.13
Total Spaces	294.25

[A]

Observations:

-The total parking in this area (379 spaces) accounts for less than 3% of the total parking on campus.

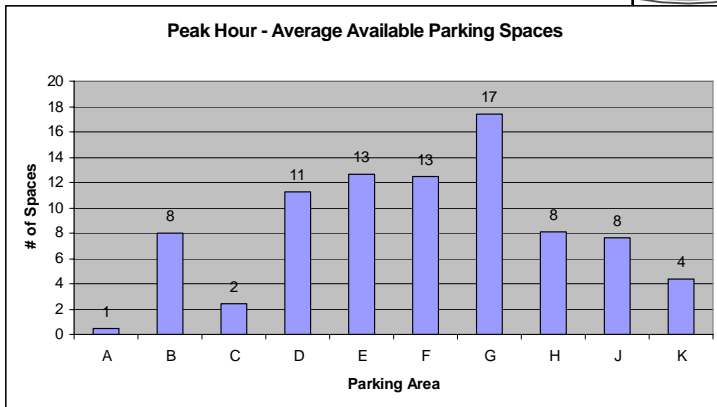
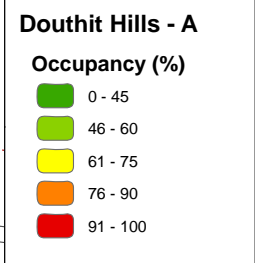
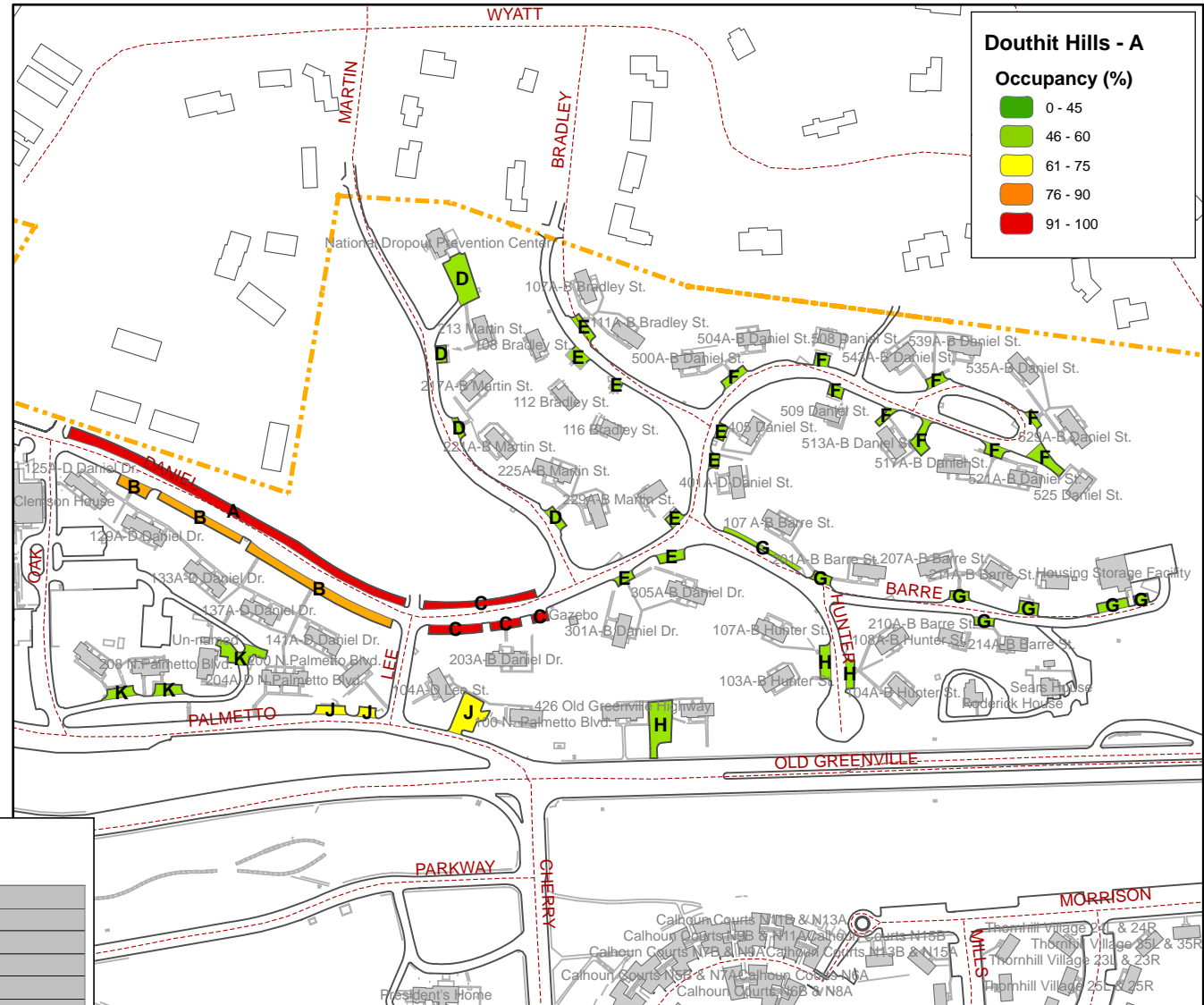
-This area was not counted during the study period because of imminent change coming to this part of campus. The following observations are based upon data recorded in 2002:

-Clemson House Resident permits show extensive utilization. This trend has remained consistent for the past ten years.

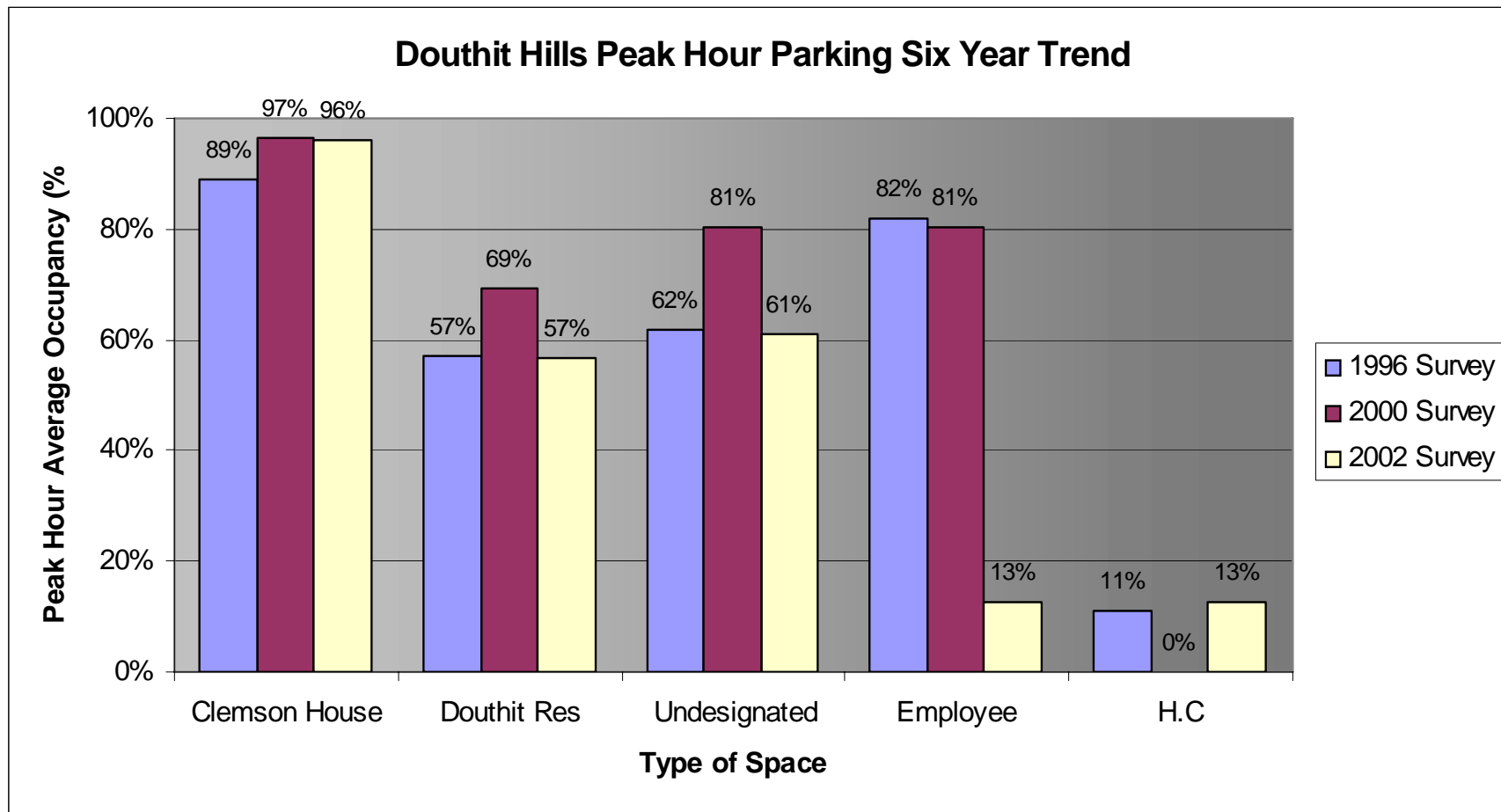
-All other types of spaces show low levels of utilization.

Opportunities:

-Many of the graduate student and family housing units in this area will be demolished in the near future. Many of these units will not be occupied after August 2006. Therefore, the parking facilities and usage in this area will change dramatically. The future of this area is to be explored in a charrette to be held in September 2006.



Peak Hour Occupancy by Parking Area



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%
Total Spaces	390	

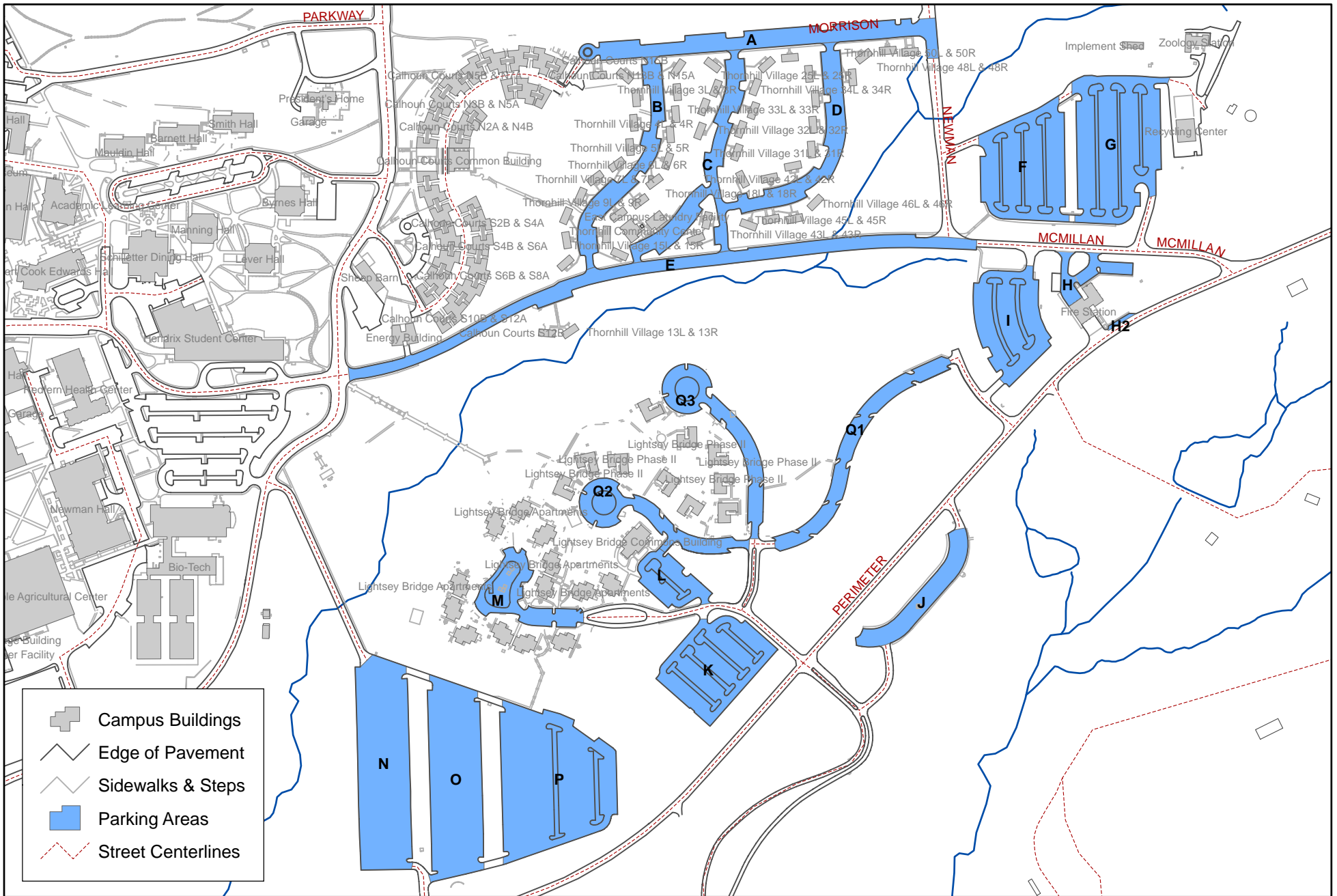
2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Clemson House	192	97%
Douthit Res	184	69%
Undesignated	15	81%
Employee	34	81%
H.C	1	0%
Total Spaces	426	

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%
Total Spaces	379	

The image shows a detailed architectural site plan for 'Area [B] - East Campus'. The drawing is rendered in a light brown or sepia tone on aged paper. It features a grid of streets and several large, rectangular building footprints. The buildings are arranged in rows, with some having internal divisions suggesting multiple units or rooms. There are several irregular, shaded areas scattered throughout the plan, which likely represent landscaped zones, parking areas, or undeveloped plots. The overall layout is organized and systematic, typical of a campus or institutional site plan.

AREA [B] - EAST CAMPUS

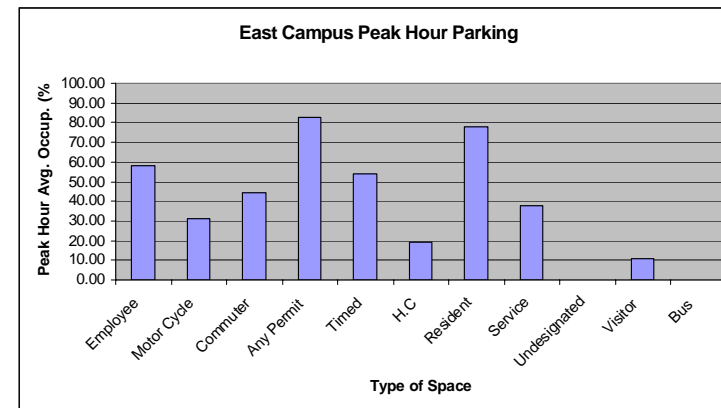
[B]



EAST CAMPUS Area Locator Map

(B) East Campus Parking

Area	(a)		(b)				Average		Occupancy			
	Total # Spaces	Type	10:00		2:00		10:00-4:00 Avg. (occup.Spaces)	(b/a)	M/W	Tu/Th	AM	PM
A	4	Timed	0.75	1.25	2.25	3	1.81	45.31	37.50	53.13	25.00	65.63
	184	Resident	160.5	162	149	153	156.06	84.82	84.04	85.60	87.70	81.93
	2	H.C	1.25	1	1.5	1.25	1.25	62.50	68.75	56.25	56.25	68.75
B	112	Resident	111.25	112	110	107	109.69	97.94	98.55	97.32	99.44	96.43
C	122	Resident	121.75	122	108	109	114.94	94.21	93.95	94.47	99.80	88.63
	5	Timed	3.75	3.25	2.5	2.75	3.06	61.25	62.50	60.00	70.00	52.50
	1	H.C	0	0	0	0.25	0.06	6.25	0.00	12.50	0.00	12.50
	1	Employee	0.75	0.75	0.75	0.75	0.75	75.00	75.00	75.00	75.00	75.00
	9	Motorcycle	1.25	1.75	0.75	1	1.19	13.19	11.11	15.28	16.67	9.72
	1	Service	0.5	0.25	0.25	0	0.25	25.00	37.50	12.50	37.50	12.50
D	143	Resident	98.25	102	90.5	86.8	94.38	66.00	66.00	66.00	70.02	61.98
E	129	Resident	115.25	112	108	102	109.31	84.74	86.53	82.95	88.18	81.30
F & G	508	Any Permit	424.25	449	404	419	423.81	83.43	81.47	85.38	85.95	80.91
	8	H.C	0.25	0.25	0	0	0.13	1.56	1.56	1.56	3.13	0.00
H1	5	Employee	4.75	4	4.5	3.75	4.25	85.00	92.50	77.50	87.50	82.50
	11	Any Permit	7	6.25	5.5	6.5	6.31	57.39	56.82	57.95	60.23	54.55
	3	Service	2.75	2.75	2.25	2.75	2.63	87.50	83.33	91.67	91.67	83.33
H2	2	Visitor	0	0.25	0	0.25	0.13	6.25	0.00	12.50	6.25	6.25
	2	H.C.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
I	174	Commuter	62.75	69.3	79.3	97.8	77.25	44.40	40.80	47.99	37.93	50.86
J	77	Visitor	4.5	5.75	11.3	12.5	8.50	11.04	10.23	11.85	6.66	15.42
	2	H.C	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	4	Bus	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
K	209	Resident	144.75	155	125	134	139.69	66.84	64.53	69.14	71.65	62.02
L	54	Resident	54	53.5	52.3	52.5	53.06	98.26	98.38	98.15	99.54	96.99
	2	H.C	0	0.5	0	0.25	0.19	9.38	0.00	18.75	12.50	6.25
	8	Employee	4.75	1.5	4	2.25	3.13	39.06	54.69	23.44	39.06	39.06
	1	Service	0.25	0.5	0.25	0	0.25	25.00	25.00	25.00	37.50	12.50
M	41	Resident	41	40.8	40.5	40	40.56	98.93	99.39	98.48	99.70	98.17
	6	H.C	1	2	1.25	1	1.31	21.88	18.75	25.00	25.00	18.75
	2	Service	0	0	0	0.5	0.13	6.25	0.00	12.50	0.00	12.50
	8	Motorcycle	1.75	0.75	0.5	0.5	0.88	10.94	14.06	7.81	15.63	6.25
N,O & P	1364	Resident	1043.3	1046	1011	989	1022.06	74.93	75.28	74.58	76.57	73.30
Q1	127	Resident	76	76.3	61.5	59.5	68.31	53.79	54.13	53.44	59.94	47.64
	70	Resident	69.75	68.5	67.8	68.5	68.63	98.04	98.21	97.86	98.75	97.32
	5	H.C.	3	1.75	2	1.75	2.13	42.50	50.00	35.00	47.50	37.50
	1	Service	0	0	0.25	0.25	0.13	12.50	12.50	12.50	0.00	25.00
	6	Motorcycle	3	3	3	3.25	3.06	51.04	50.00	52.08	50.00	52.08
	95	Resident	91.75	91.8	87.5	89.5	90.13	94.87	94.34	95.39	96.58	93.16
Q3	2	H.C.	1	1	0.5	0.5	0.75	37.50	37.50	37.50	50.00	25.00
	1	Service	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	3	Motorcycle	3	2.75	3	3	2.94	97.92	100.00	95.83	95.83	100.00
Total	3514		2659.8	2700	2538	2554	2613.06	74.36	73.961	74.762	76.266	72.457



Type	Total # Spaces	Peak Hour Avg. Occup.
Employee	14	58.04
Motor Cycle	26	31.01
Commuter	174	44.40
Any Permit	519	82.88
Timed	9	54.17
H.C	30	19.38
Resident	2650	77.99
Service	9	37.50
Undesignated	0	0.00
Visitor	79	10.92
Bus	4	0.00
Total Spaces	3514	74.36

Type	10:00-4:00 Avg. (Occup. Spaces)
Employee	8.13
Motor Cycle	8.06
Commuter	77.25
Any Permit	430.13
Timed	4.88
H.C	5.81
Resident	2066.81
Service	3.38
Undesignated	0
Visitor	8.63
Bus	0
Total Spaces	2613.06

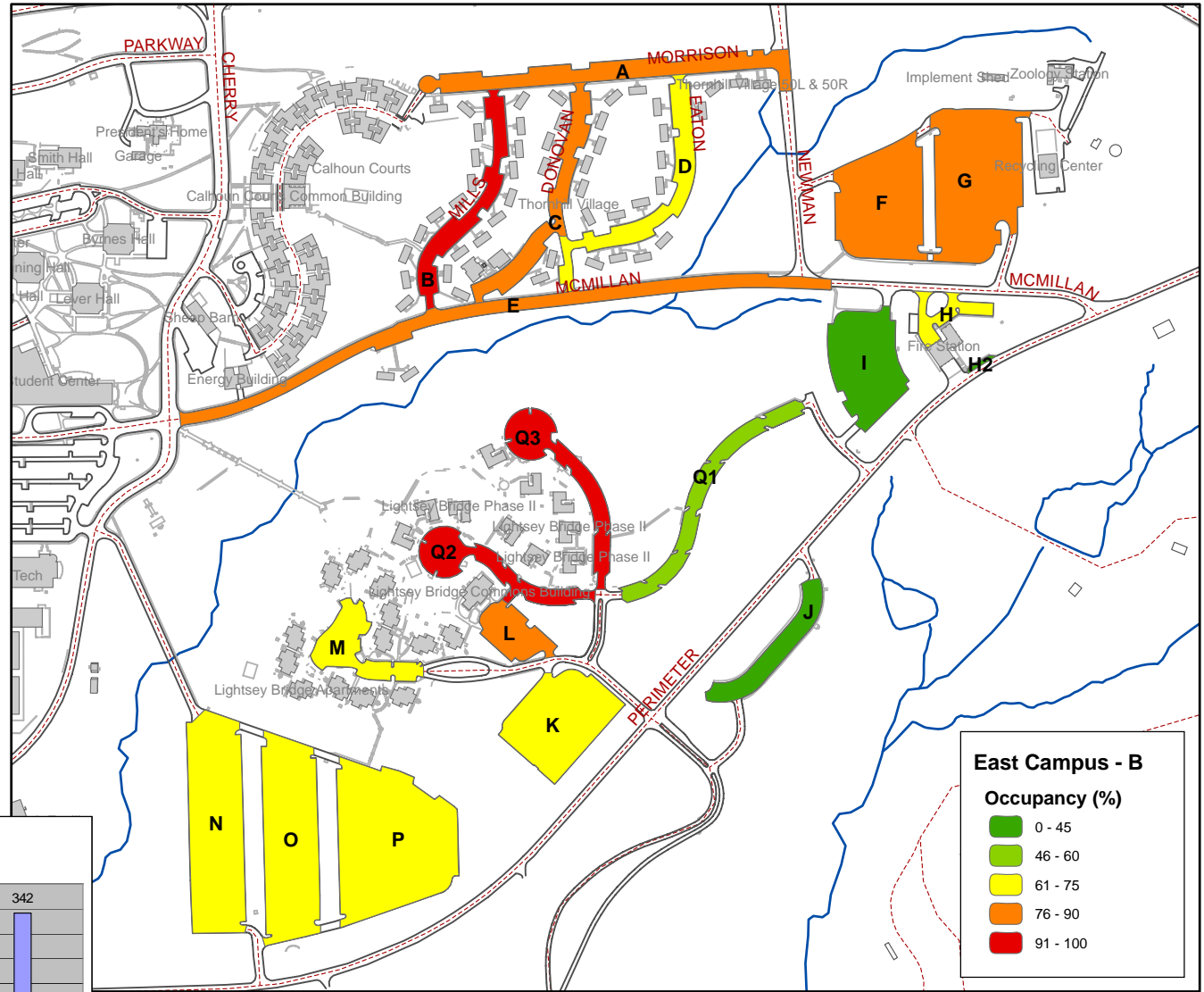
[B]

Observations:

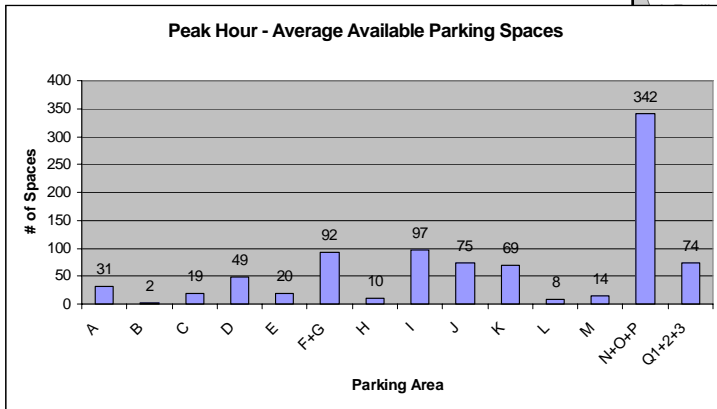
- Resident parking is highly utilized except in lots that are located further away from the apartments they serve (K, D, and Q1).
- Commuter spaces are under utilized (44%) despite frequent transit service.
- Use of Handicapped spaces in this district is minimal (20%), particularly in the more remote lots further east. Utilization less than 2% was witnessed in P-1.
- Over 300 parking spaces were available at each of the count periods during the two-week study in resident parking lot R-1.
- Only the parking facilities immediately adjacent to student housing in this district are nearing maximum utilization.

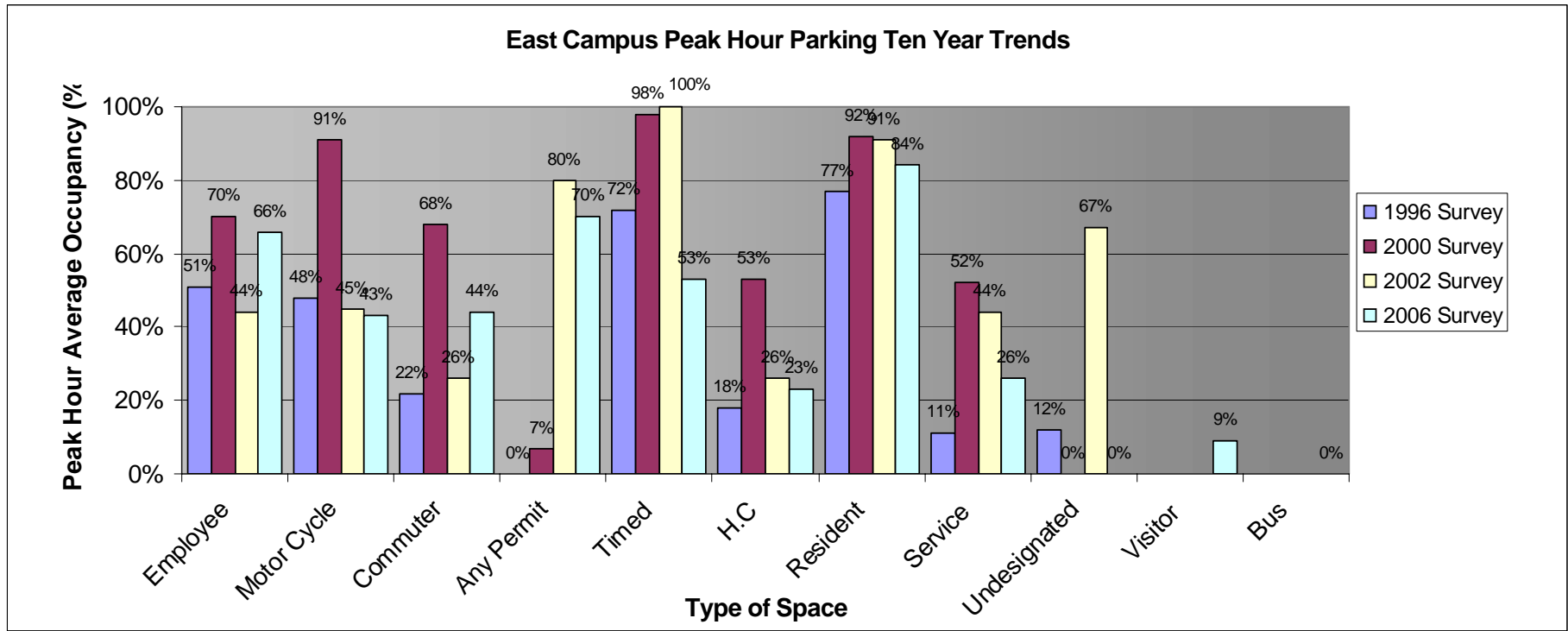
Opportunities:

- Reassignment of a portion of R-1 to Any Valid Permit may promote increased utilization.



Peak Hour Occupancy by Parking Area





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%
Total Spaces	2913	

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%
Total Spaces	2804	

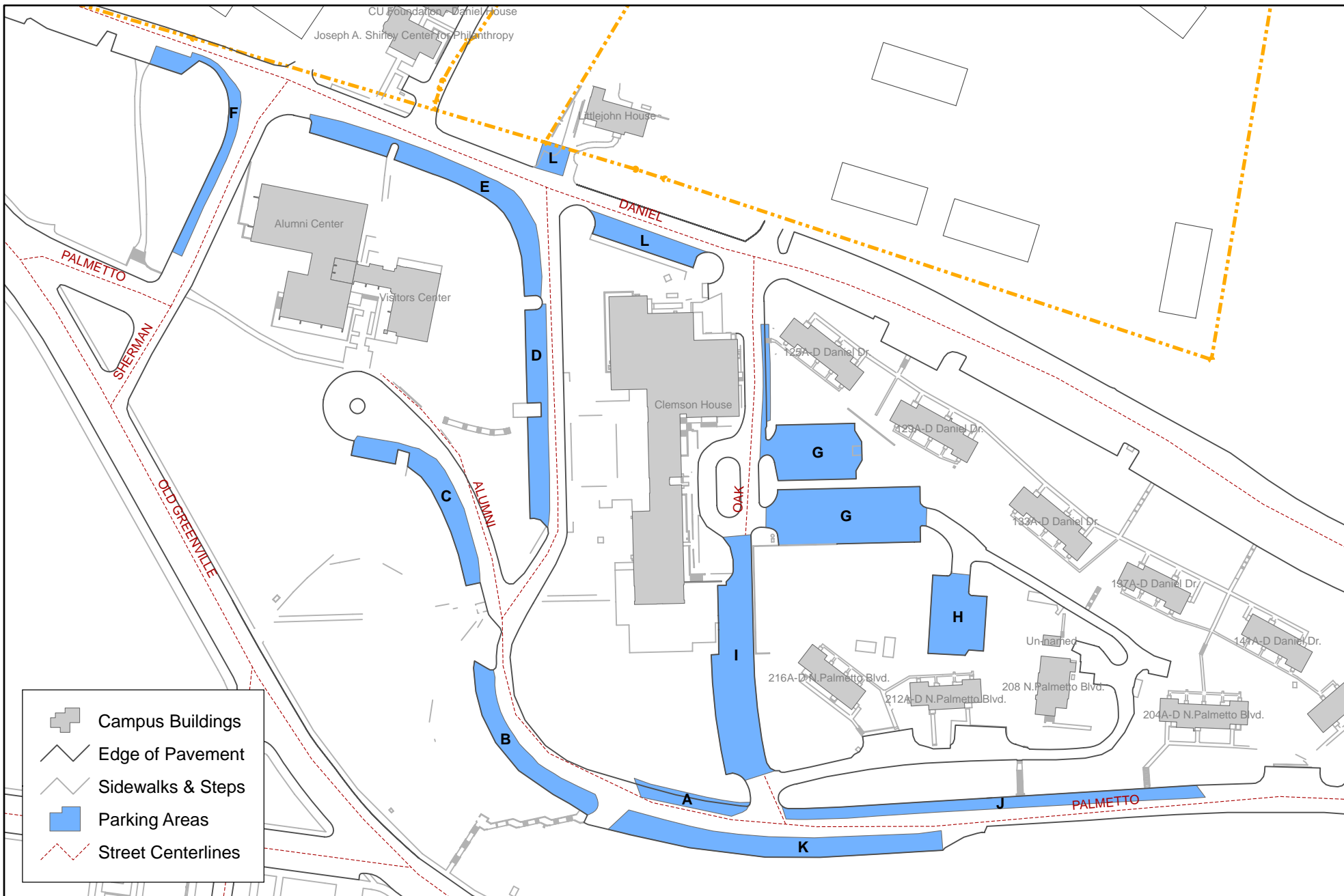
2002 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	21	44%
Motor Cycle	17	45%
Commuter	173	26%
Any Permit	476	80%
Timed	9	100%
H.C	28	26%
Resident	2378	91%
Service	8	44%
Undesignated	90	67%
Total Spaces	3200	

2006 Survey		
Type	Total # Spaces	Peak Hr. Avg. Occup.
Employee	14	66%
Motor Cycle	26	43%
Commuter	174	44%
Any Permit	519	70%
Timed	9	53%
H.C	30	23%
Resident	2650	84%
Service	9	26%
Undesignated	0	0%
Visitor	79	9%
Bus	4	0%
Total Spaces	3514	

The image shows a detailed architectural floor plan of a house, likely a two-story structure. The drawing is rendered in a light brown or sepia tone on aged paper. It features a central hallway, several rooms, and a prominent circular area on the right side, which is shaded in a darker brown. The drawing includes fine lines for walls, doors, and windows, as well as some shading to indicate depth and structure. The overall style is that of a technical architectural drawing.

AREA [C] - CLEMSON HOUSE

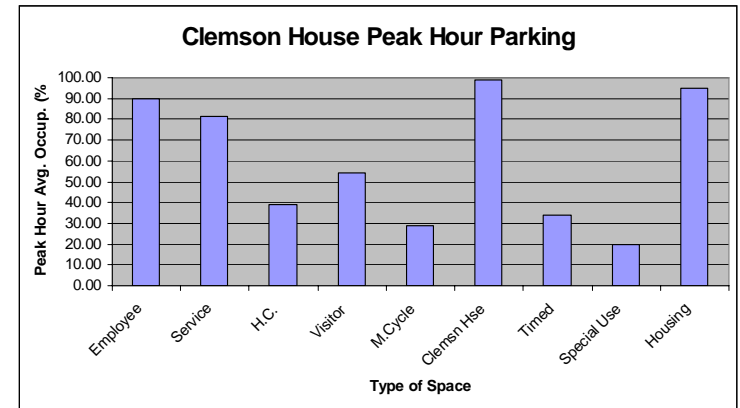
[C]



CLEMSON HOUSE Area Locator Map

(C) Clemson House Area Parking

(a) Area	Total # Spaces	Type	(b)				Average		Occupancy			
			10:00		2:00		10:00-4:00	Avg.	Occupancy		Occupancy	
			M/W	Tu/Th	M/W	Tu/Th	(occup.Spaces)	(b/a)	M/W	Tu/Th	AM	PM
A	7	Employee	7	7	7	5	6.50	92.86	100.00	85.71	100.00	85.71
B	19	Employee	18.8	19	18.8	18.3	18.69	98.36	98.68	98.03	99.34	97.37
C	1	Service	0.75	0.75	1	0.75	0.81	81.25	87.50	75.00	75.00	87.50
	1	H.C. (Handicap)	0.25	0	0.5	0.25	0.25	25.00	37.50	12.50	12.50	37.50
	18	Visitor	12.3	12.5	9.25	13.5	11.88	65.97	59.72	72.22	68.75	63.19
	2	Timed	1.75	1.25	1	1.25	1.31	65.63	68.75	62.50	75.00	56.25
D	12	Vistor	4.25	6	4	7.25	5.38	44.79	34.38	55.21	42.71	46.88
	11	Timed	2.25	2.75	3	4.5	3.13	28.41	23.86	32.95	22.73	34.09
E	33	Employee	33	31.8	32.3	31.3	32.06	97.16	98.86	95.45	98.11	96.21
	7	Motorcycle	2.5	1.75	2	1.75	2.00	28.57	32.14	25.00	30.36	26.79
F	37	Employee	37	36	33.3	36.8	35.75	96.62	94.93	98.31	98.65	94.59
G	41	Employee	22.5	25.3	26	25.3	24.75	60.37	59.15	61.59	58.23	62.50
	1	Service	0.25	0.25	0.25	0.25	0.25	25.00	25.00	25.00	25.00	25.00
	18	Special Use	3.75	3	2.75	4.75	3.56	19.79	18.06	21.53	18.75	20.83
H	17	Clemson Hse.	17	17	17	16.8	16.94	99.63	100.00	99.26	100.00	99.26
I	24	Employee	21.8	22.5	23.3	20.8	22.06	91.93	93.75	90.10	92.19	91.67
	1	Visitor	0.25	0	0	0	0.06	6.25	12.50	0.00	12.50	0.00
	2	H.C	1	1.5	1.25	1.25	1.25	62.50	56.25	68.75	62.50	62.50
	3	Service	3	3	2.75	3.25	3.00	100.00	95.83	104.17	100.00	100.00
J	27	Clemson Hse.	26.8	26.8	26.5	26.3	26.56	98.38	98.61	98.15	99.07	97.69
	1	Visitor	0.25	0	0	0	0.06	6.25	12.50	0.00	12.50	0.00
	16	Housing	16	14.8	15.5	14.5	15.19	94.92	98.44	91.41	96.09	93.75
K	39	Employee	38.8	38.3	38.8	37.8	38.38	98.40	99.36	97.44	98.72	98.08
L	15	Employee	14.8	14.3	14.8	15	14.69	97.92	98.33	97.50	96.67	99.17
	1	H.C.	0	0	0.25	0	0.06	6.25	12.50	0.00	0.00	12.50
Total	354		286	285	281	286	284.50	80.37	80.01	80.72	80.65	80.08



Type	Total	Peak Hr Avg. Occup.
Employee	215	89.71
Service	5	81.25
H.C.	4	39.06
Visitor	32	54.30
M.Cycle	7	28.57
Clemson Hse	44	98.86
Timed	13	34.13
Special Use	18	19.79
Housing	16	94.92
Total	354	80.38

Type	10:00-4:00 Avg. (occup.Spaces)
Employee	192.88
Service	4.06
H.C.	1.56
Visitor	17.38
M.Cycle	2.00
Clemson Hse	43.50
Timed	4.44
Special Use	3.56
Housing	15.19
Total	284.56

[C]

Observations:

-Employee spaces compose over 60% of the parking in this area. This parking use is showing extensive utilization (90%). Several of the employee parking areas saw over 97% utilization (B, E, L, K).

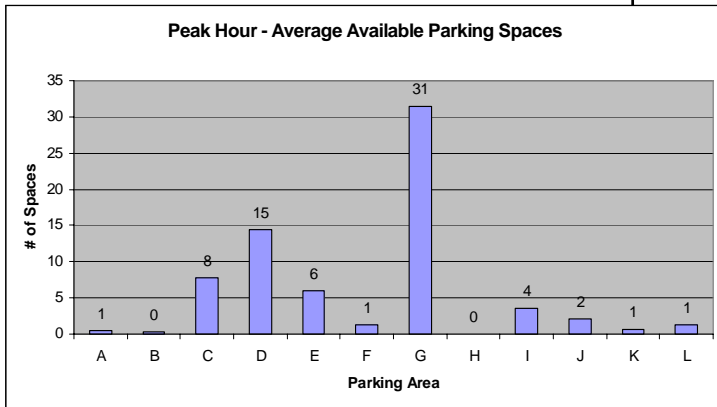
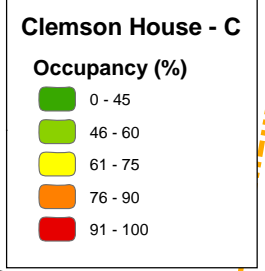
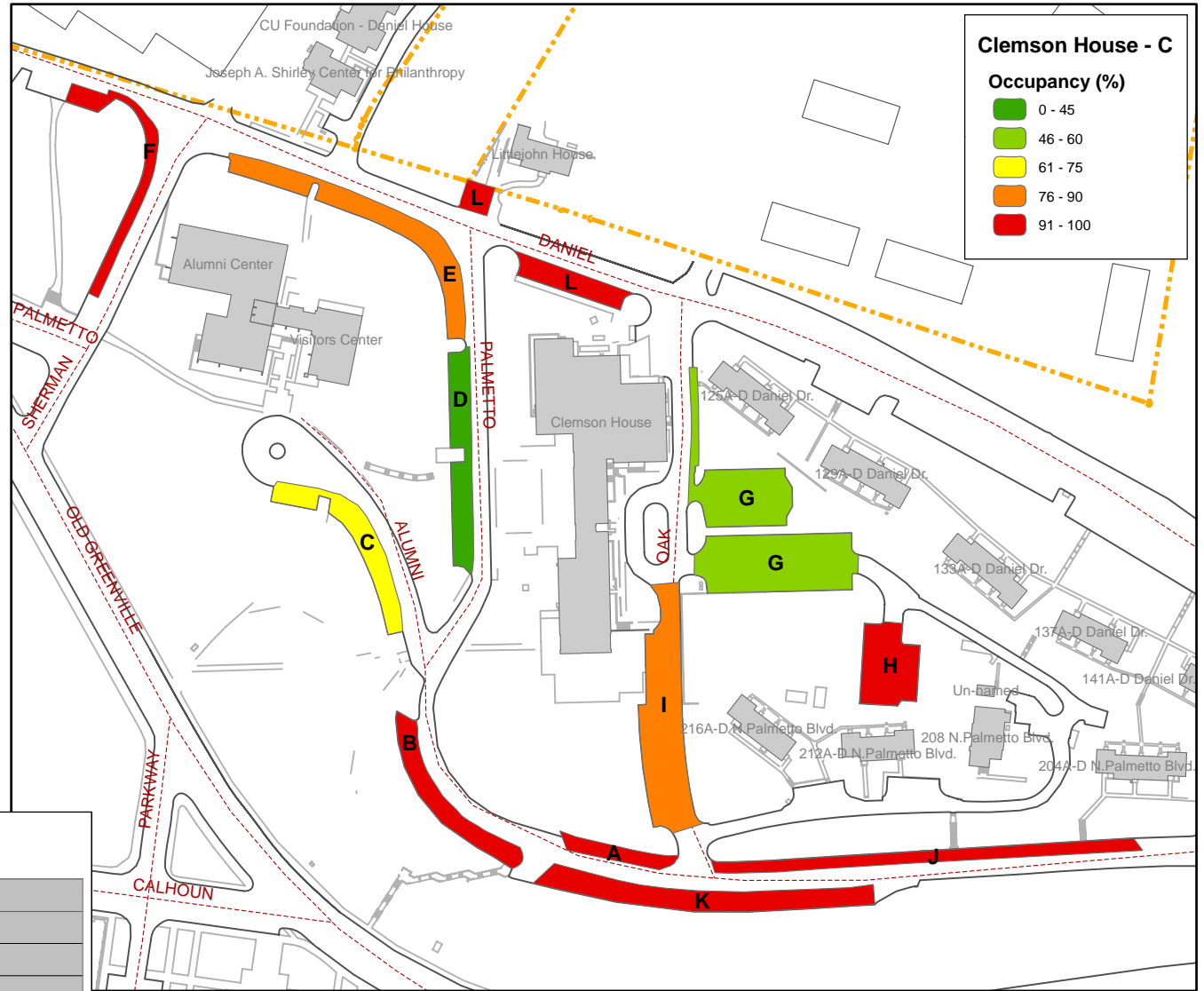
-Parking spaces reserved for Clemson House residents continue to show almost complete utilization at every count period (98.9%).

-Visitor Parking despite being reduced from 68 to 32 spaces between 2002 and 2006, continues to show only moderate utilization (54.3%).

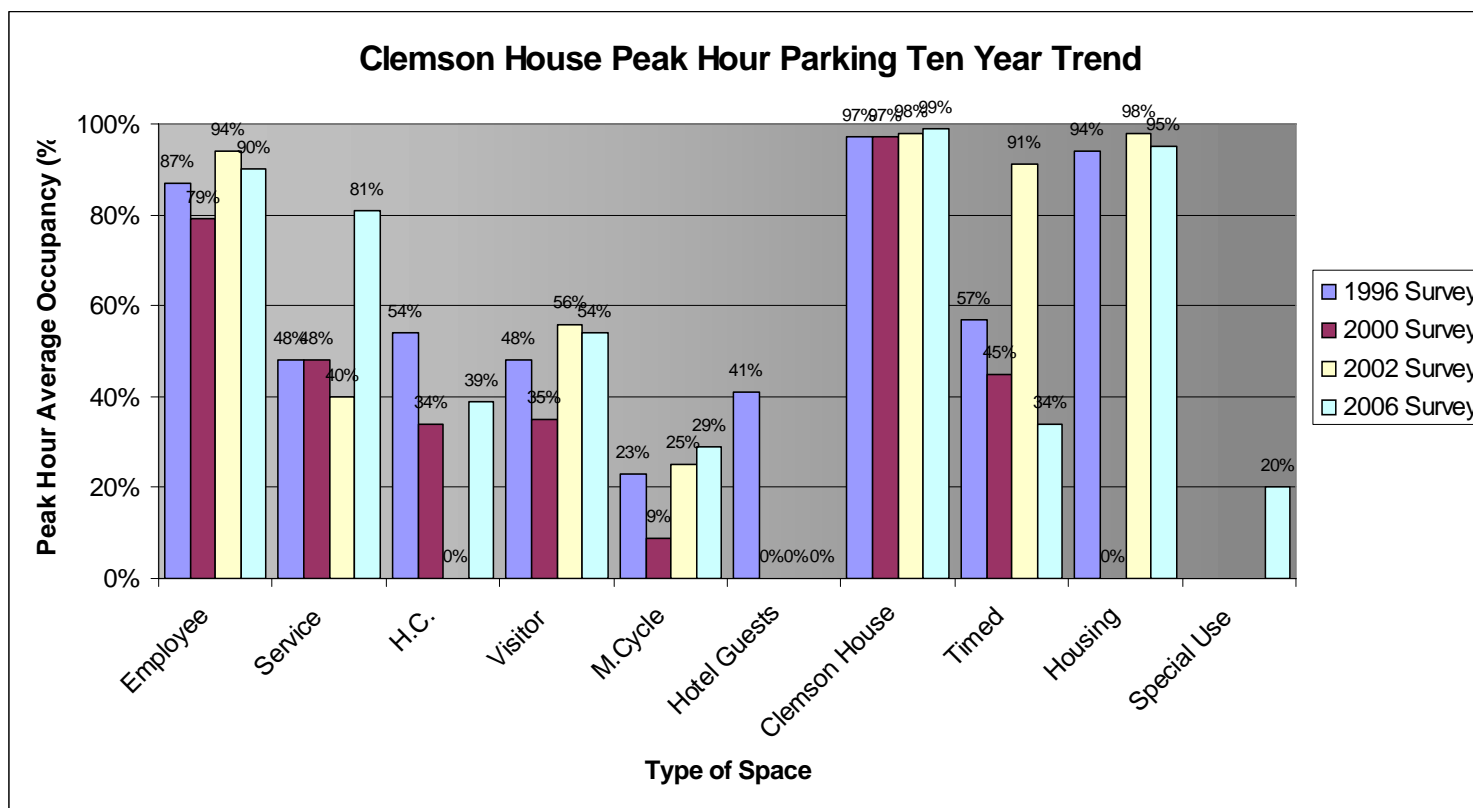
-Timed spaces were reduced from 23 to 13 spaces. Despite this reduction, utilization actually decreased from 91% in 2002 to just 34% in 2006.

Opportunities

-Perhaps some of the Visitor and Timed parking spaces near the Visitors Center and in front of the Clemson House should be reassigned to promote greater utilization.



Peak Hour Occupancy by Parking Area



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	56	41%
Clemsn Hse	17	97%
Timed	24	57%
Housing	10	94%
Total Spaces	346	

2000 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	225	79%
Service	4	48%
H.C.	3	34%
Visitor	26	35%
M.Cycle	7	9%
Hotel Guests	0	0%
Clemsn Hse	28	97%
Timed	59	45%
Housing	0	0%
Total Spaces	352	

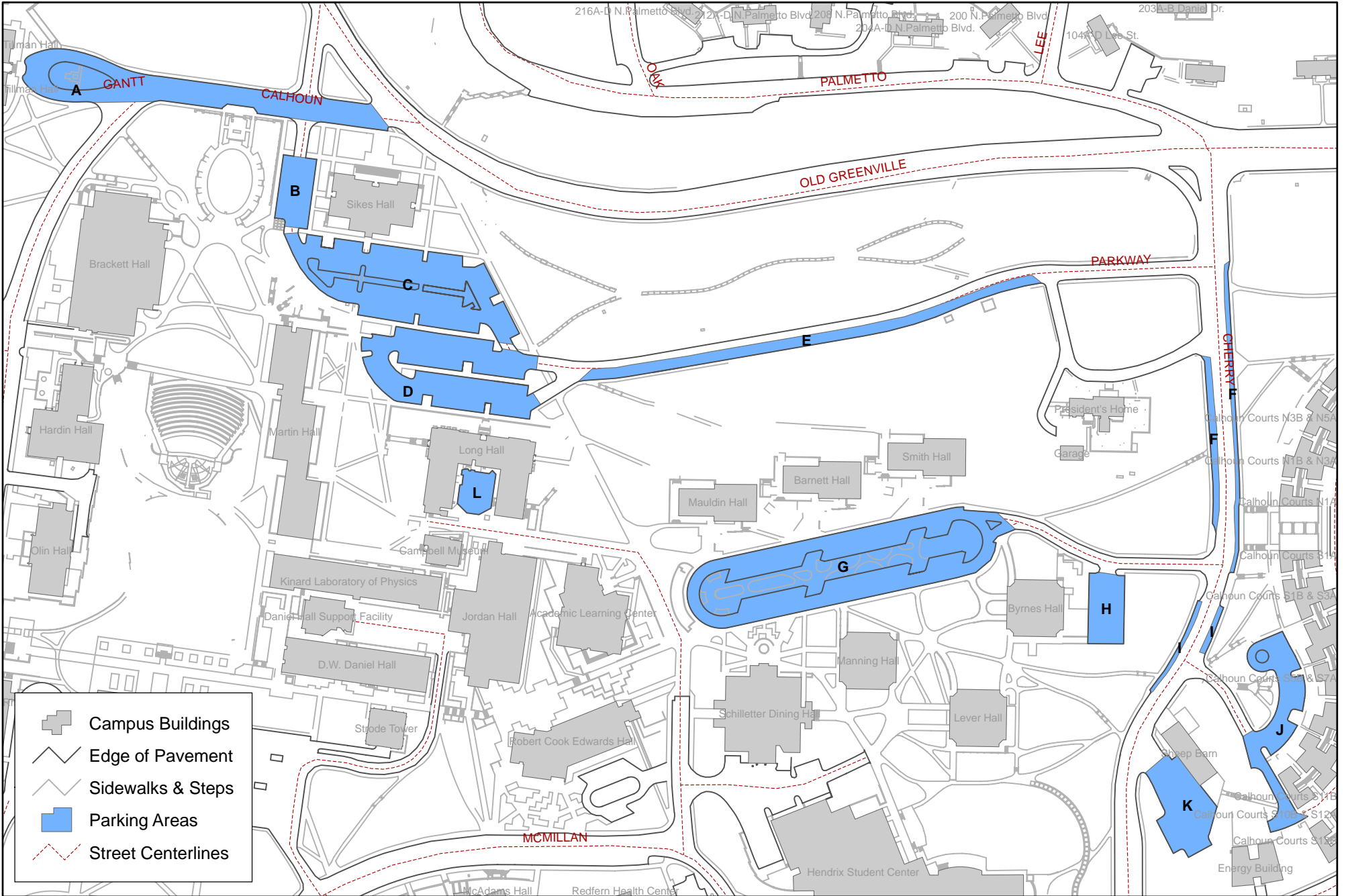
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	220	94%
Service	4	40%
H.C.	3	0%
Visitor	68	56%
M.Cycle	7	25%
Hotel Guests	0	0%
Clemsn Hse	18	98%
Timed	23	91%
Housing	10	98%
Total Spaces	353	

2006 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	215	90%
Service	5	81%
H.C.	4	39%
Visitor	32	54%
M.Cycle	7	29%
Hotel Guests	0	0%
Clemson House	44	99%
Timed	13	34%
Housing	16	95%
Special Use	18	20%
Total Spaces	354	

The image shows a detailed architectural floor plan of a building, likely Sikes Hall. The drawing is rendered in a light brown or sepia tone on a textured, aged paper background. It features a grid of rooms, corridors, and structural elements. A large, irregularly shaped area in the upper right corner is shaded in a darker brown, possibly indicating a specific zone or a damaged section of the plan. The text 'AREA [D] - SIKES HALL' is superimposed in the center of the drawing in a bold, blue, sans-serif font. The overall appearance is that of a historical or archival architectural document.

AREA [D] - SIKES HALL

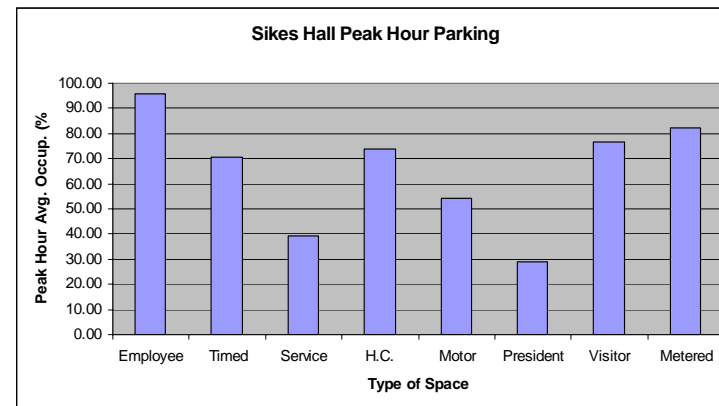
[D]



SIKES HALL Area Locator Map

(D) Sikes Hall Area Parking

Area	(a) Total # Spaces	Type	(b) Average Occupancy									
			10:00		2:00		10:00-4:00		Avg. Occupancy (b/a)		Occupancy	
			M/W	Tu/Th	M/W	Tu/Th	(occup.Spaces)	(b/a)	M/W	Tu/Th	AM	PM
A	24	Employee	20.25	18	18.5	21.7	19.60	81.68	80.73	82.64	79.69	83.68
	2	Service	0.75	0	0	1.33	0.52	26.04	18.75	33.33	18.75	33.33
	3	Timed	2	0	0	2	1.00	33.33	33.33	33.33	33.33	33.33
	5	Visitor	3.75	3.25	4	4.33	3.83	76.67	77.50	75.83	70.00	83.33
	2	H.C.	1	0	0	1.33	0.58	29.17	25.00	33.33	25.00	33.33
B	12	Employee	12	12	12	12	12.00	100.00	100.00	100.00	100.00	100.00
	4	Service	3	3.25	2.75	2.33	2.83	70.83	71.88	69.79	78.13	63.54
	5	Timed	4	3.75	4.75	4	4.13	82.50	87.50	77.50	77.50	87.50
	2	President	1	1	0	0.33	0.58	29.17	25.00	33.33	50.00	8.33
	1	H.C.	1	1	0.5	1	0.88	87.50	75.00	100.00	100.00	75.00
C	85	Employee	83	84.3	84.8	78.3	82.58	97.16	98.68	95.64	98.38	95.93
	24	Metered	22	20.5	21.3	15.3	19.77	82.38	90.10	74.65	88.54	76.22
	2	H.C.	1.5	2	1.5	1.67	1.67	83.33	75.00	91.67	87.50	79.17
D	92	Employee	91.75	91.8	88.5	87	89.75	97.55	97.96	97.15	99.73	95.38
	15	Mot	7.75	11.3	9.5	12	10.13	67.50	57.50	77.50	63.33	71.67
	2	Service	1.25	0.5	0	0.67	0.60	30.21	31.25	29.17	43.75	16.67
	2	H.C.	2	2	1.5	1.67	1.79	89.58	87.50	91.67	100.00	79.17
E	78	Employee	77.75	78	75	74.7	76.35	97.89	97.92	97.86	99.84	95.94
F	37	Employee	36	37	35.3	29.3	34.40	92.96	96.28	89.64	98.65	87.27
G	17	Employee	16.5	17	14.5	16.7	16.17	95.10	91.18	99.02	98.53	91.67
	71	Timed	63	57.5	68.3	56.3	61.27	86.30	92.43	80.16	84.86	87.73
	2	Service	0.75	0.75	0	0.33	0.46	22.92	18.75	27.08	37.50	8.33
	8	Motorcycle	2.25	4.5	2.5	2	2.81	35.16	29.69	40.63	42.19	28.13
	1	H.C	0.75	1	1	0.67	0.85	85.42	87.50	83.33	87.50	83.33
H	23	Timed	7	11	9	8	8.75	38.04	34.78	41.30	39.13	36.96
	1	H.C.	0.75	1	1	1	0.94	93.75	87.50	100.00	87.50	100.00
I	12	Employee	12	12	11.8	10	11.44	95.31	98.96	91.67	100.00	90.63
J	19	Timed	10.5	5.25	12.8	11.3	9.96	52.41	61.18	43.64	41.45	63.38
	11	Service	3.75	6.25	10.5	9.33	7.46	67.80	64.77	70.83	45.45	90.15
	5	Mot	2.75	2.5	2.25	1.67	2.29	45.83	50.00	41.67	52.50	39.17
	1	H.C.	0.5	0.75	0.5	1	0.69	68.75	50.00	87.50	62.50	75.00
K	25	Employee	23.25	25	24.3	21	23.38	93.50	95.00	92.00	96.50	90.50
	2	Service	1.25	2	2	0.67	1.48	73.96	81.25	66.67	81.25	66.67
L	11	Service	8.25	7.5	9.25	10	8.75	79.55	79.55	79.55	71.59	87.50
Total	606		516.8	516	520	491	510.94	84.31	85.54	83.086	85.21	83.416



Type	Total	Peak Hour Avg. Occup.
Employee	382	95.72
Timed	121	70.33
Service	34	39.28
H.C.	10	73.96
Motor	28	54.39
President	2	29.17
Visitor	5	76.67
Metered	24	82.38
Total Spaces	606	84.31

Type	10:00-4:00 Avg. (occup.Spaces)
Employee	365.67
Timed	85.10
Service	13.35
H.C.	7.40
Motor	15.23
President	0.58
Visitor	3.83
Metered	19.77
Total Spaces	510.94

[D]

Observations:

-Parking Area A was partially unavailable during the study period due to construction activity associated with the Gantt Circle Renovation.

-Employee spaces compose of 64% of the parking in this district. This parking use is nearing maximum utilization (95%).

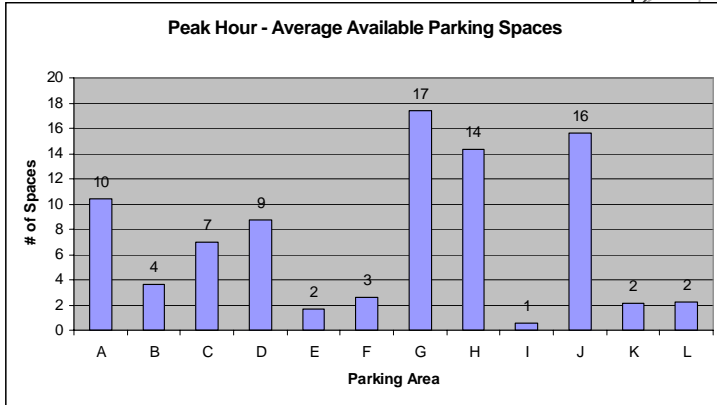
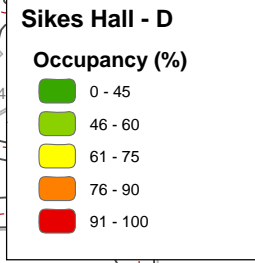
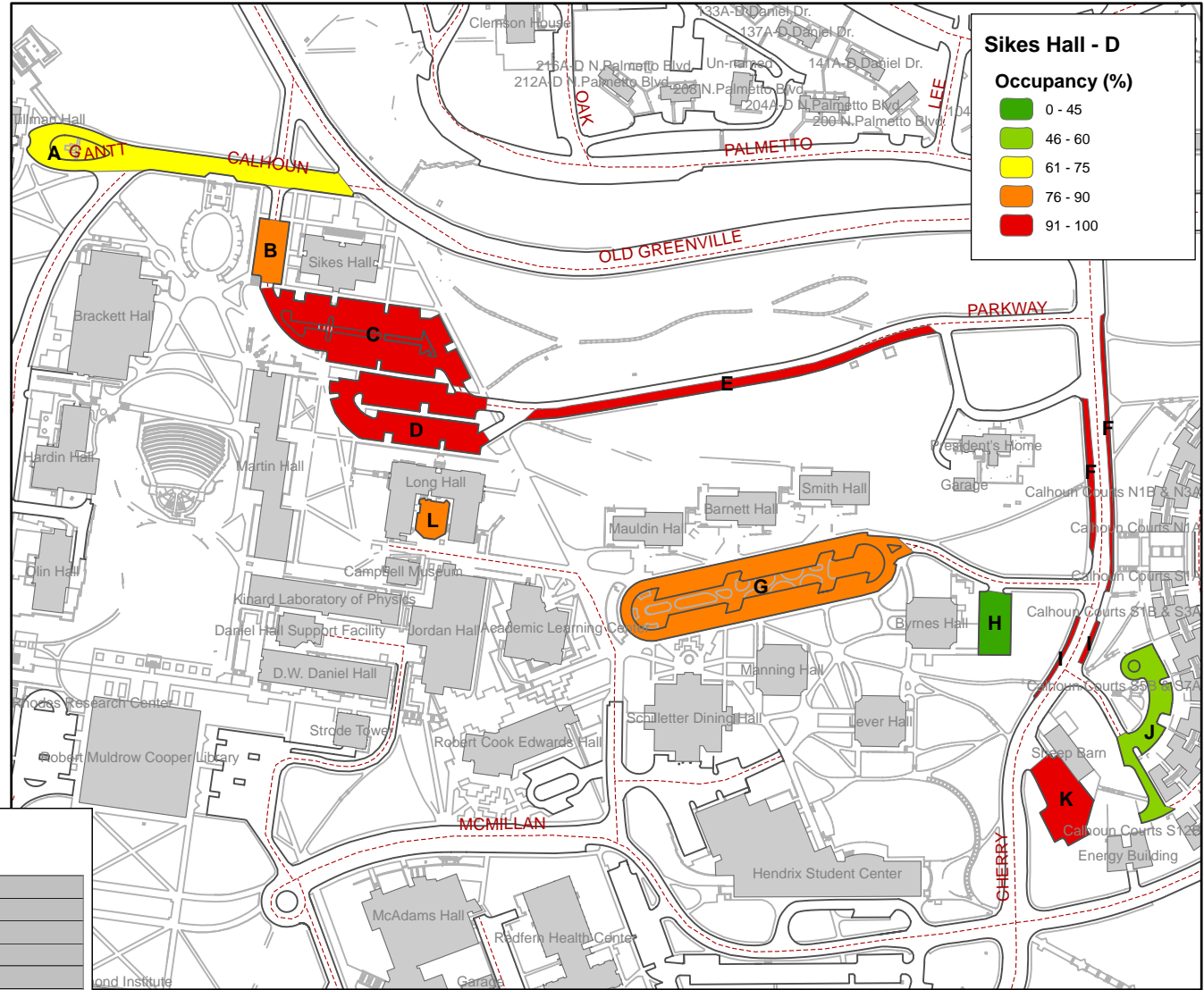
-The Timed spaces adjacent to Sikes Hall and those around Bryan Circle are highly utilized. Utilization for timed spaces at H and J were surprisingly low when compared to 2002 figures.

-The metered spaces introduced in 2001 continue to be highly utilized (82%).

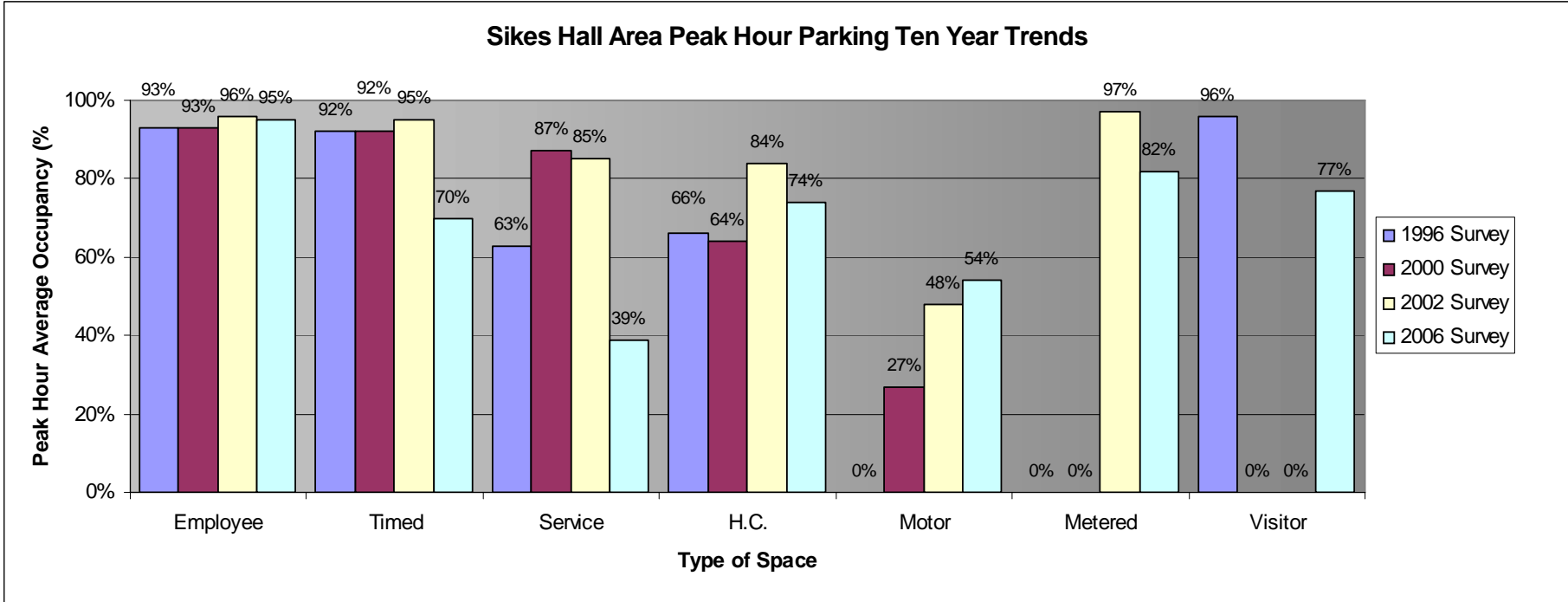
-Parking spaces reserved for Service vehicles saw only moderate peak hour utilization (49%).

-The handicapped spaces in this district are more highly utilized (77%) than those located in more remote districts.

Opportunities:



Peak Hour Occupancy by Parking Area



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

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

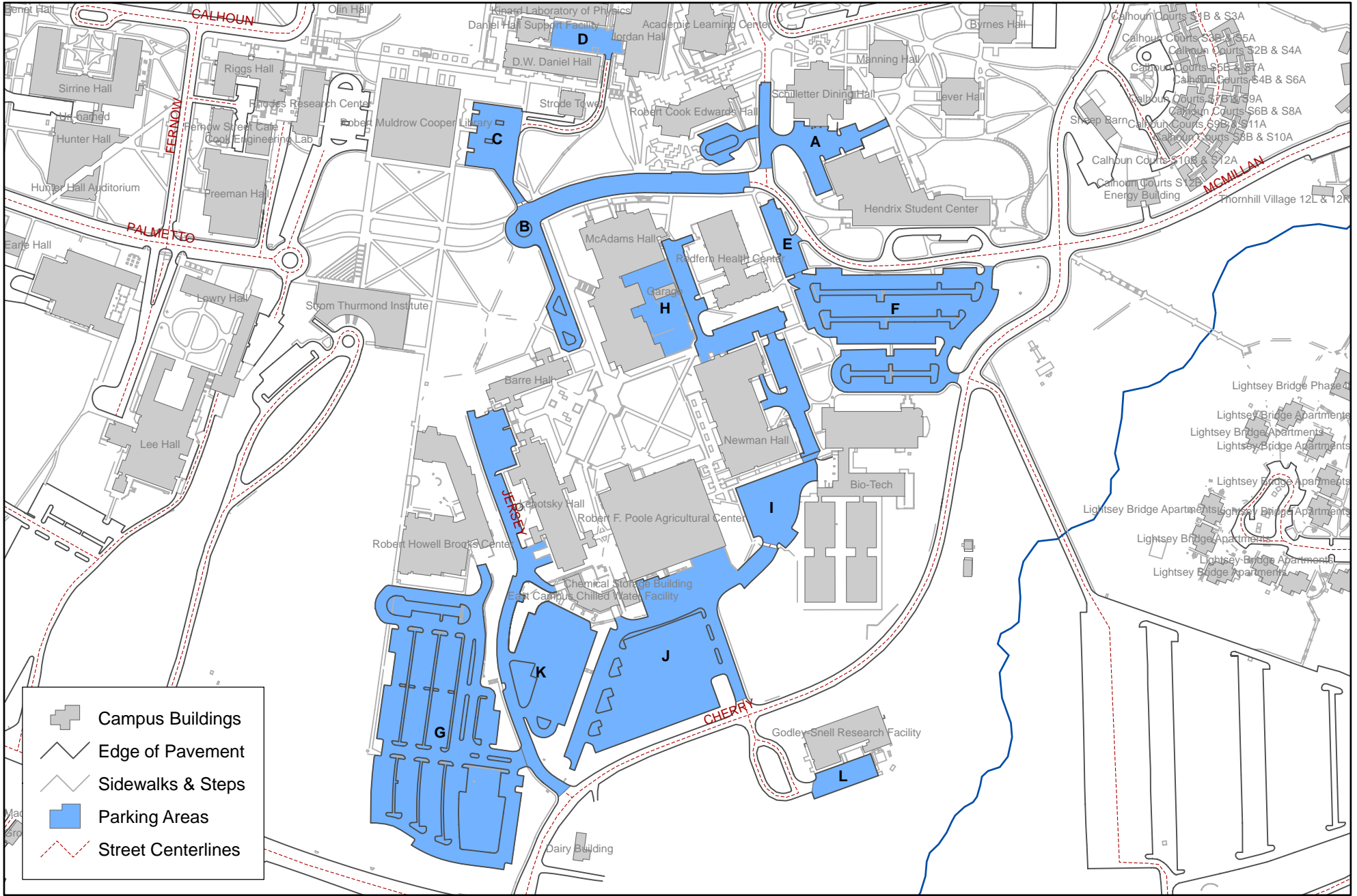
2002 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	401	96%
Timed	128	95%
Service	22	85%
H.C.	10	84%
Motor	28	48%
Metered	24	97%
Visitor	0	0%
Total Spaces	613	

2006 Survey		
Type	Total	Peak Hr. Avg. Occup.
Employee	382	95%
Timed	121	59%
Service	34	49%
H.C.	10	77%
Motor	28	49%
Metered	24	82%
Visitor	5	77%
President	2	29%
Total Spaces	606	

The image shows a detailed architectural site plan for Area [E] - Southeast Campus. The plan is drawn on aged, yellowish paper with some water damage and staining. It features a grid of streets and several large, rectangular building footprints. The buildings are arranged in a row, with some having internal divisions. A prominent feature is a large, irregularly shaped area on the right side of the plan, which appears to be a large open space or a large building footprint. The text 'AREA [E] - SOUTHEAST CAMPUS' is overlaid in the center of the plan in a blue, sans-serif font.

AREA [E] - SOUTHEAST CAMPUS

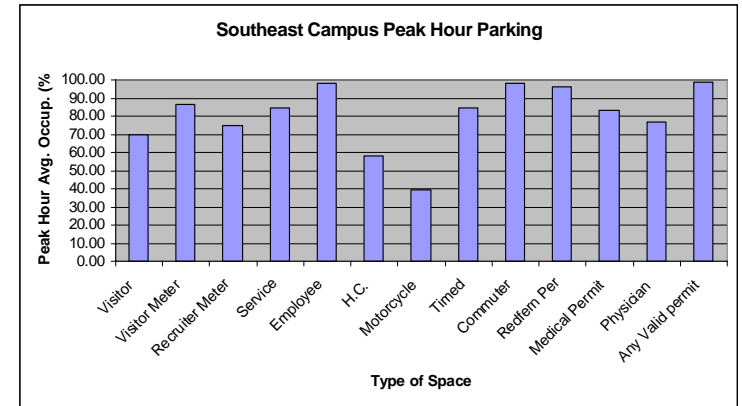
[E]



SOUTHEAST CAMPUS Area Locator Map

(E) Southeast Area Parking

Area	(a) Total # Spaces	Type	10:00		2:00		(b) Average 10:00-4:00 (occup.Spaces)		Avg. Occupancy (b/a)		Occupancy	
			M/W	Tu/Th	M/W	Tu/Th	M/W	Tu/Th	AM	PM		
A	21	Employee	21	21	20.5	21	20.88	99.40	98.81	100.00	100.00	98.81
	4	Timed	3	4	3.75	3.75	3.63	90.63	84.38	96.88	87.50	93.75
	3	Medical Permit	2.5	2.75	2.5	2.25	2.50	83.33	83.33	83.33	87.50	79.17
	4	Service	3.5	3.75	3.75	4	3.75	93.75	90.63	96.88	90.63	96.88
	2	H.C.	2	1.75	1.5	1.75	1.75	87.50	87.50	87.50	93.75	81.25
B	43	Employee	43	43	42	42	42.50	98.84	98.84	98.84	100.00	97.67
	22	Motorcycle	9.25	9.75	9.25	6.5	8.69	39.49	42.05	36.93	43.18	35.80
	2	H.C.	1.25	1.5	1.25	1.5	1.38	68.75	62.50	75.00	68.75	68.75
	8	Visitor	7.5	7.5	4.25	5.25	6.13	76.56	73.44	79.69	93.75	59.38
C	45	Employee	45	45	44.5	44.8	44.81	99.58	99.44	99.72	100.00	99.17
D	5	Service	5	4.25	4.25	4.25	4.44	88.75	92.50	85.00	92.50	85.00
	8	H.C.	6.75	6.5	5.25	5	5.88	73.44	75.00	71.88	82.81	64.06
E	20	Employee	20	20	20	20	20.00	100.00	100.00	100.00	100.00	100.00
	4	H.C.	2.75	2.75	1.75	2.5	2.44	60.94	56.25	65.63	68.75	53.13
	6	Redfern.Perm	5.75	5.75	5.75	5.75	5.75	95.83	95.83	95.83	95.83	95.83
F	233	Employee	233	233	229	229	231.13	99.20	99.20	99.20	100.00	98.39
	53	Visitor Metered	47.3	46	43.5	46.5	45.81	86.44	85.61	87.26	87.97	84.91
	7	Recruiter Metered	5.5	5.25	4.5	5.75	5.25	75.00	71.43	78.57	76.79	73.21
	6	H.C.	3.75	3	2.75	2.5	3.00	50.00	54.17	45.83	56.25	43.75
	5	Mot	1.75	2	2	3	2.19	43.75	37.50	50.00	37.50	50.00
G	371	Commuter	371	364	369	335	359.71	96.96	99.73	94.18	98.99	94.92
	10	H.C.	6.75	3	2.5	3.67	3.98	39.79	46.25	33.33	48.75	30.83
	7	Timed	5.25	6.5	1.75	5.33	4.71	67.26	50.00	84.52	83.93	50.60
	2	Service	2	1.25	2	1.33	1.65	82.29	100.00	64.58	81.25	83.33
	64	Any Valid permit	64	63.8	63.3	61.3	63.08	98.57	99.41	97.72	99.80	97.33
H	62	Employee	62	61.5	61.8	61	61.56	99.29	99.80	98.79	99.60	98.99
	2	Physician	1.5	1.75	1.25	1.67	1.54	77.08	68.75	85.42	81.25	72.92
	1	H.C.	0.75	0.5	0.5	0.67	0.60	60.42	62.50	58.33	62.50	58.33
I	69	Employee	68.8	68.8	67.8	67	68.06	98.64	98.91	98.37	99.64	97.64
	9	H.C.	6	7.25	4.75	7	6.25	69.44	59.72	79.17	73.61	65.28
J	65	Employee	65	65	64.8	64.3	64.77	99.65	99.81	99.49	100.00	99.29
	293	Commuter	293	292	293	291	292.40	99.79	100.00	99.59	99.87	99.72
	12	Motorcycle	7.75	5.25	1.5	3	4.38	36.46	38.54	34.38	54.17	18.75
	5	Service	4.25	4.25	4.5	4.67	4.42	88.33	87.50	89.17	85.00	91.67
	2	Timed	2	1.75	2	2	1.94	96.88	100.00	93.75	93.75	100.00
K	6	Timed	5.75	6	5.25	6	5.75	95.83	91.67	100.00	97.92	93.75
	7	Service	6.5	5.5	5	6.67	5.92	84.52	82.14	86.90	85.71	83.33
	194	Employee	194	194	191	177	188.94	97.39	99.16	95.62	100.00	94.78
	3	H.C.	1.75	1.25	1.75	1.33	1.52	50.69	58.33	43.06	50.00	51.39
L	1	H.C.	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00
	1	Visitor	0.25	0.25	0	0	0.13	12.50	12.50	12.50	25.00	0.00
	17	Employee	12.5	16.5	10.5	12.7	13.04	76.72	67.65	85.78	85.29	68.14
	3	Service	2	2.5	2	1	1.88	62.50	66.67	58.33	75.00	50.00
Total	1707		1652	1641	1608	1572	1618.08	76.80	95.49	94.09	96.46	93.13



Type	Total	Peak Hour Avg.Occup
Visitor	9	69.44
Visitor Meter	53	86.44
Recruiter Meter	7	75.00
Service	26	84.78
Employee	769	98.27
H.C.	46	58.24
Motorcycle	39	39.10
Timed	19	84.32
Commuter	664	98.21
Redfern Per	6	95.83
Medical Permit	3	83.33
Physician	2	77.08
Any Valid permit	64	98.57
Total Spaces	1707	94.79

Type	10:00-4:00 Avg. (occup.Spaces)
Visitor	6.25
Visitor Meter	45.81
Recruiter Meter	5.25
Service	22.04
Employee	755.69
H.C.	26.79
Motorcycle	15.25
Timed	16.02
Commuter	652.10
Redfern Per	5.75
Medical Permit	2.50
Physician	1.54
Any Valid permit	63.08
Total Spaces	1618.08

[E]

Observations:

-Not included in this survey is a temporary gravel lot that provides nearly 180 spaces for Employee and Commuter use. This lot is used extensively.

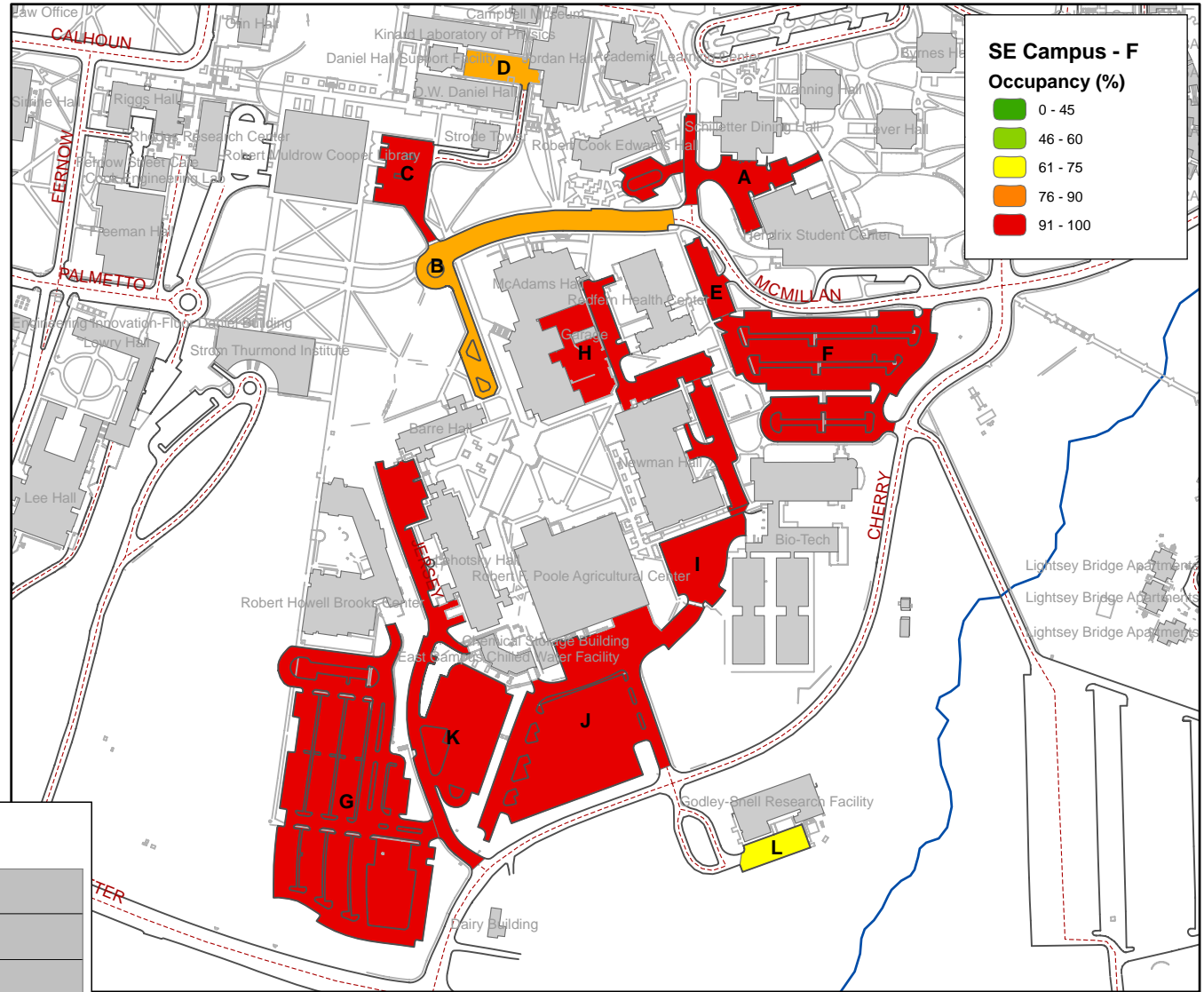
-As in 2002, 84% of the parking in this area is designated Employee or Commuter. These parking uses are both at or above 97% utilization once again.

-Likewise, the Any Valid Permit spaces located near the Brooks Center are at 99% utilization.

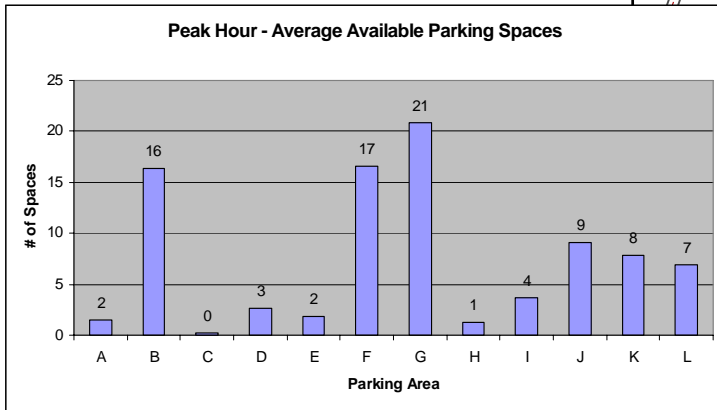
-Visitor Metered, Recruiter Metered, Timed, and Service parking uses are all at 75% utilization or higher.

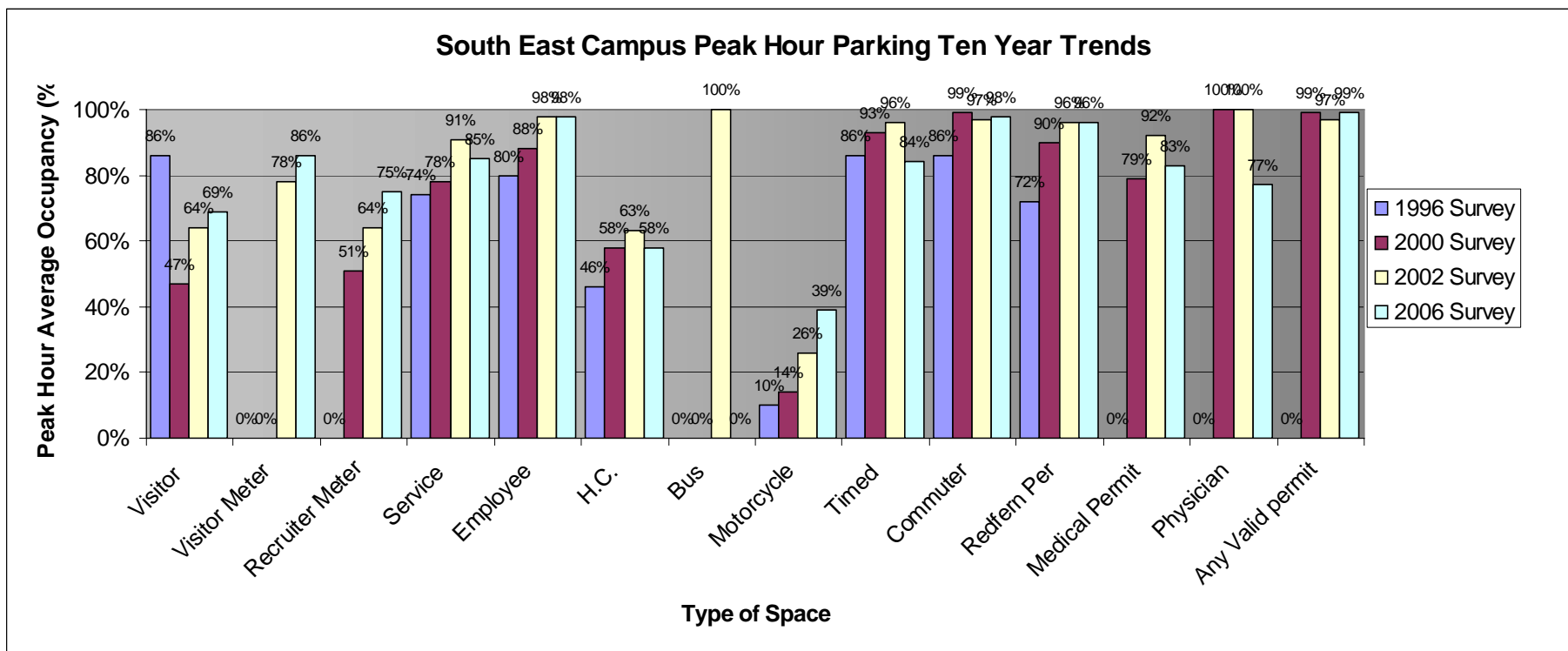
Opportunities:

-There is very little remaining capacity for any of the parking uses within this district. Elimination of the "temporary" gravel lot will only intensify the parking problems within this already highly utilized area.



Peak Hour Occupancy by Parking Area





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	

2006 Survey		
Type	Total	Peak Hour Avg. Occup
Visitor	9	69%
Visitor Meter	53	86%
Recruiter Meter	7	75%
Service	26	85%
Employee	769	98%
H.C.	46	58%
Bus	0	0%
Motorcycle	39	39%
Timed	19	84%
Commuter	664	98%
Redfern Per	6	96%
Medical Permit	3	83%
Physician	2	77%
Any Valid permi	64	99%
Total Spaces	1707	

The image shows a detailed architectural floor plan of a bus stop area. The plan is organized into a grid of rectangular sections, each containing a simplified drawing of a bus seat. The seats are arranged in two main rows. On the right side of the plan, there is a large, irregularly shaped area shaded in a light brown color, which appears to be a platform or a specific zone. The overall drawing is in a light, sketchy style with some darker shading to indicate depth or specific materials. The text 'AREA [F] - SOUTH COMMUTER' is overlaid in the center of the image in a blue, sans-serif font.

AREA [F] - SOUTH COMMUTER

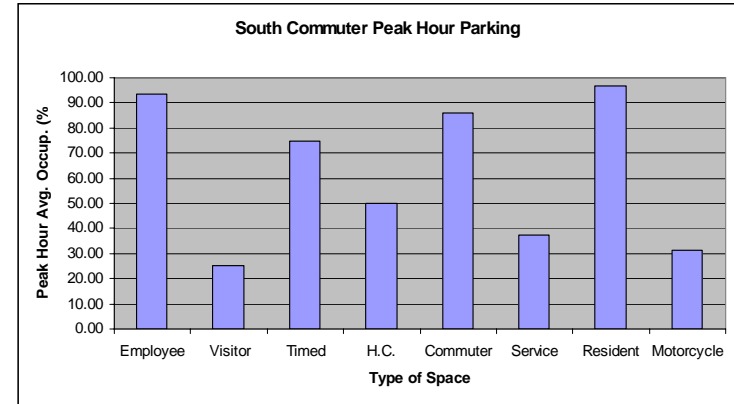
[F]



SOUTH COMMUTER Area Locator Map

(F) South Commuter Parking

Area	(a) Total # Spaces	Type	10:00		2:00		(b) 10:00-4:00 Avg. Occupancy (occup.Spaces)		Average Occupancy (b/a)			
			M/W	Tu/Th	M/W	Tu/Th	M/W	Tu/Th	AM	PM		
A	28	Employee	28	28	27.8	26.8	27.63	98.66	99.55	97.77	100.00	99.55
	38	Visitor	4.75	5.25	6.75	5	5.44	14.31	15.13	13.49	13.16	15.79
	1	Timed	0.75	0.75	0.5	1	0.75	75.00	62.50	87.50	75.00	62.50
	1	H.C.	0.75	1	1	1	0.94	93.75	87.50	100.00	87.50	100.00
B	268	Commuter	268	267.8	268	263	266.56	99.46	99.95	98.97	99.95	99.91
	64	Employee	64	63.5	62.8	61	62.81	98.14	99.02	97.27	99.61	98.63
C	58	Commuter	57	57.75	57.5	55.8	57.00	98.28	98.71	97.84	98.92	99.35
	10	Employee	10	9.5	9.75	7.75	9.25	92.50	98.75	86.25	97.50	96.25
D	1	Service	0.5	0.5	0	0.5	0.38	37.50	25.00	50.00	50.00	25.00
	11	Employee	10.75	10.5	10.5	10.3	10.50	95.45	96.59	94.32	96.59	95.45
E	193	Commuter	88.75	94.75	141	127	112.75	58.42	59.39	57.45	47.54	60.95
F	829	Resident	815	820.5	791	788	803.56	96.93	96.86	97.00	98.64	97.20
G	220	Commuter	170.8	183.5	215	167	184.13	83.69	87.73	79.66	80.51	90.63
H	238	Commuter	219.3	238	236	192	221.19	92.94	95.59	90.28	96.06	99.53
I1	12	Employee	7.75	7.75	6	8	7.38	61.46	57.29	65.63	64.58	57.29
	10	Visitor	6.5	6.75	6.75	6.5	6.63	66.25	66.25	66.25	66.25	67.50
	1	HC	0	0	0.25	0	0.06	6.25	12.50	0.00	0.00	12.50
	70	Employee	67.5	66.5	64.5	61.5	65.00	92.86	94.29	91.43	95.71	93.57
I2	2	Motorcycle	0.75	1	0.25	0.5	0.63	31.25	25.00	37.50	43.75	31.25
	56	Employee	54.5	54.5	49.5	49.8	52.06	92.97	92.86	93.08	97.32	92.86
Total	2111		1875	1918	1954	1832	1894.63	89.75	90.70	88.80	89.84	91.70



Type	Total # Spaces	Peak hour Avg. Occupancy
Employee	251	93.48
Visitor	48	25.13
Timed	1	75.00
H.C.	2	50.00
Commuter	977	86.14
Service	1	37.50
Resident	829	96.93
Motorcycle	2	31.25
Total Spaces	2111	89.75

Type	10:00-4:00 Avg. (occup.Spaces)
Employee	234.63
Visitor	12.06
Timed	0.75
H.C.	1.00
Commuter	841.63
Service	0.38
Resident	803.56
Motorcycle	0.63
Total Spaces	1894.63

[F]

Observations:

-56% of the parking in this district is designated Employee or Commuter. As in 2002, each of these parking uses is also highly utilized in 2006 at 90% and 86% respectively.

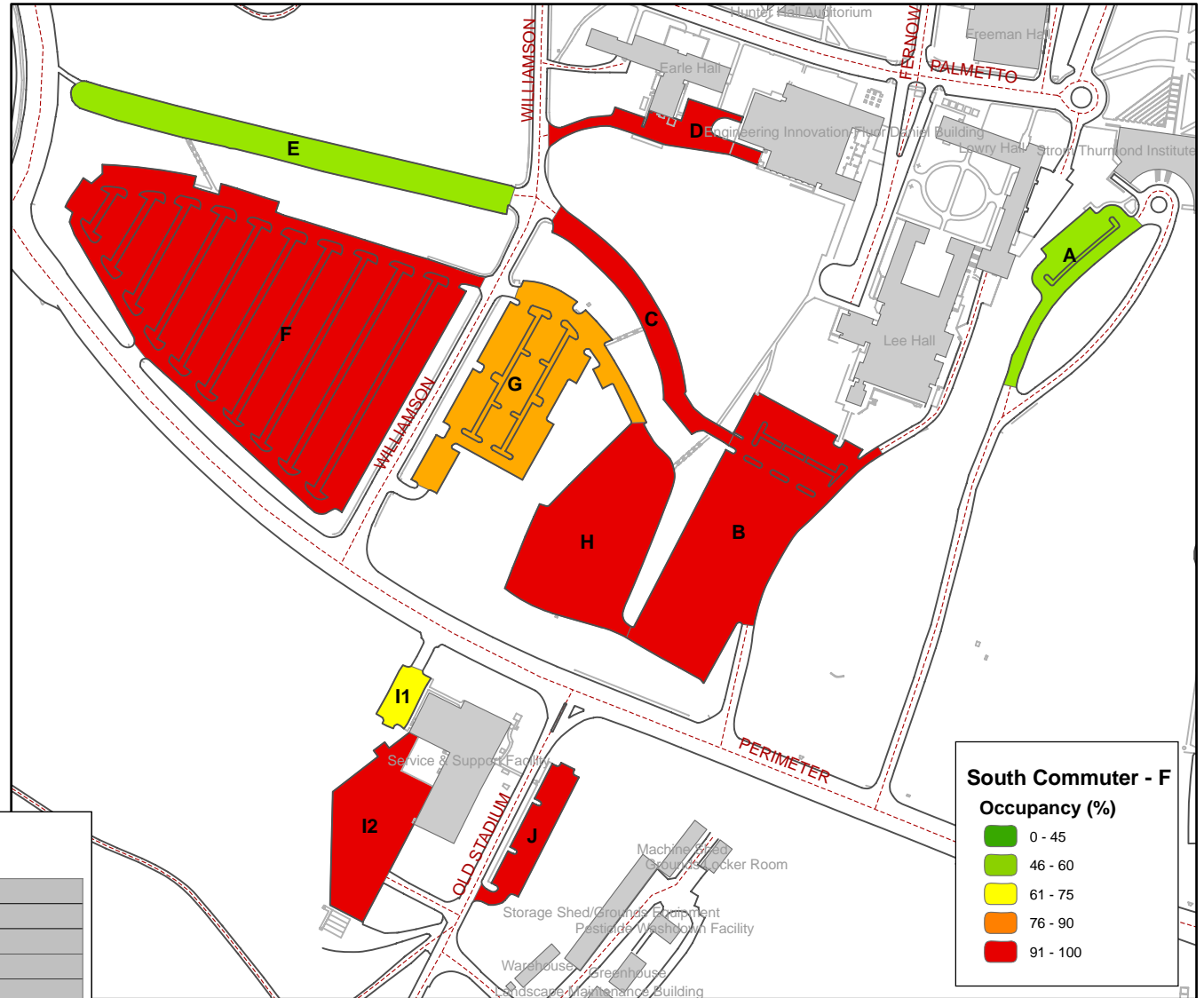
-Resident spaces, all of which are found in Lot R-2 (F), compose 41% of the parking in this area. This lot is nearing maximum utilization (97%).

-The 38 Visitor spots located at the Strom Thurmond Institute (A) are poorly utilized (14%) while the 28 Employee spaces located here are reaching maximum utilization (98%).

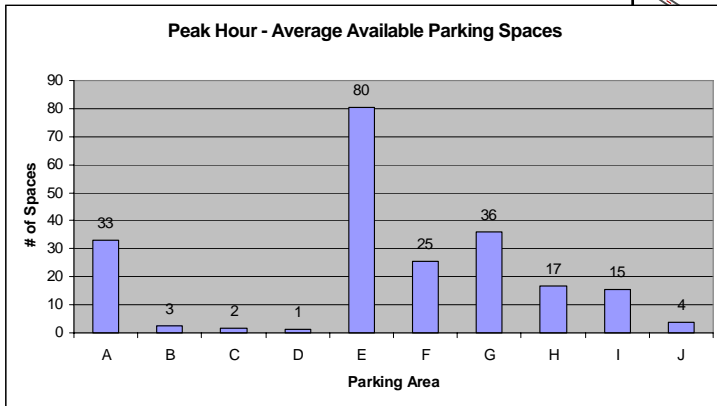
-Timed and Handicap spaces represent only 0.1% of the total parking in this area.

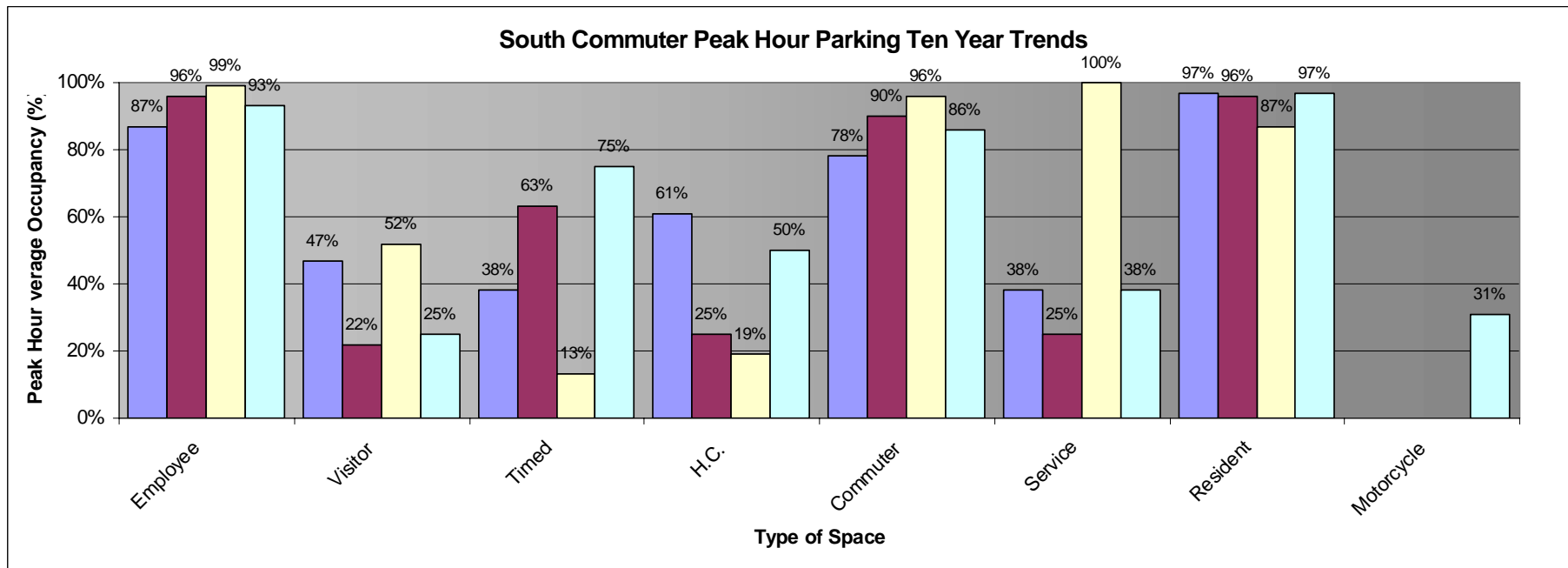
Opportunities:

-Several of the Visitor spaces at the Strom Thurmond Institute should be reassigned for use as Employee spaces.



Peak Hour Occupancy by Parking 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%
Total Spaces	1939	

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%
Total Spaces	2019	

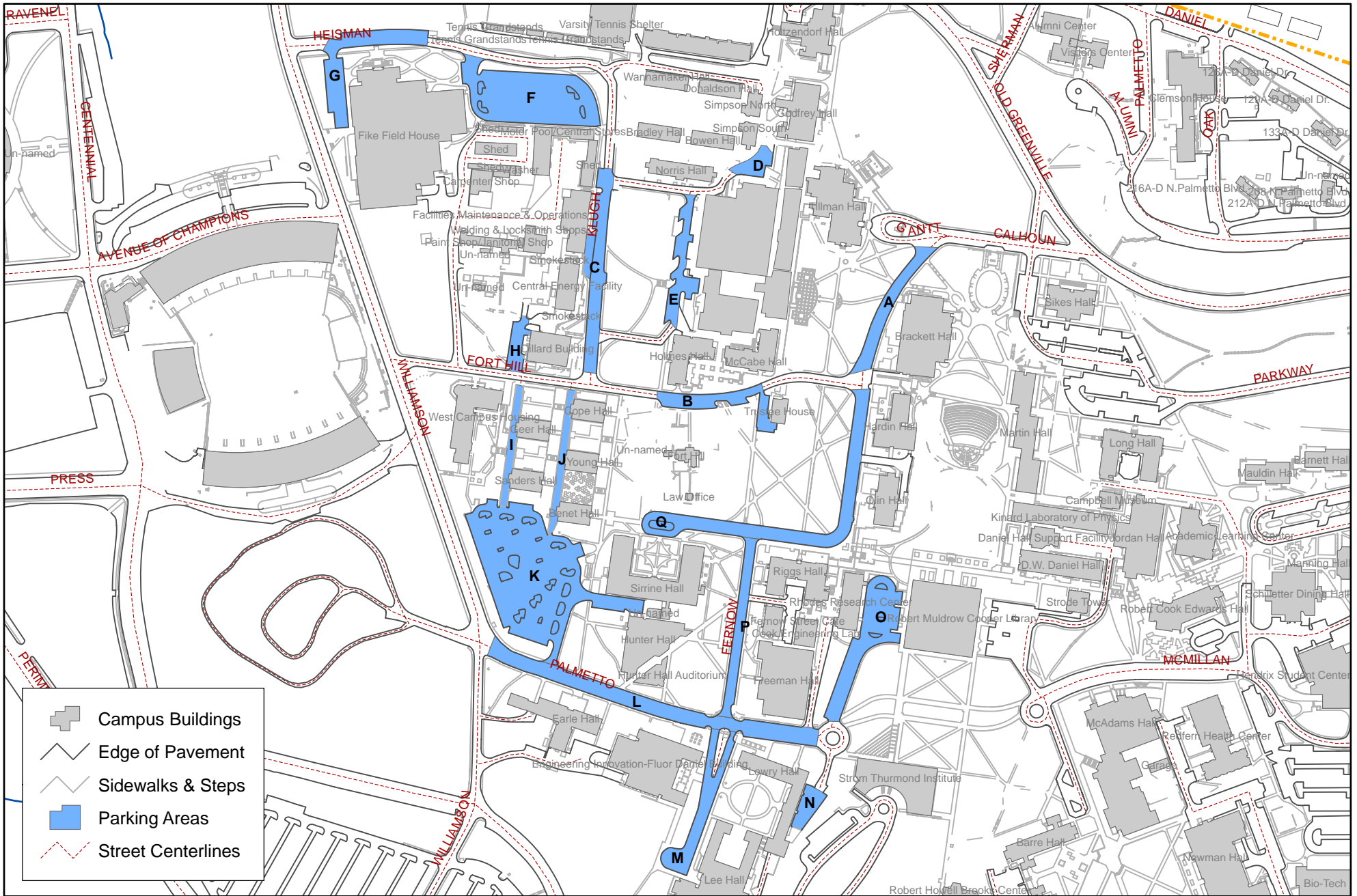
2002 Survey		
Type	Total	Peak Hr. Avg. Occup
Employee	180	99%
Visitor	60	52%
Timed	1	13%
H.C.	2	19%
Commuter	997	96%
Service	1	100%
Resident	848	87%
Total Spaces	2089	

2006 Survey		
Type	Total # Spaces	Peak hour Avg. Occupancy
Employee	251	90%
Visitor	48	40%
Timed	1	75%
H.C.	2	50%
Commuter	977	87%
Service	1	38%
Resident	829	97%
Motorcycle	2	31%
Total Spaces	2111	

The background is a detailed architectural drawing of a building facade. It features a grid of rectangular windows, some of which are shaded to indicate depth or light. On the right side, there is a large, irregular circular structure, possibly a dome or a large window. The drawing is rendered in a light, sketchy style with some darker shading for emphasis. The text 'AREA [G] - WEST CORE CAMPUS' is overlaid in the center in a bold, blue, sans-serif font.

AREA [G] - WEST CORE CAMPUS

[G]



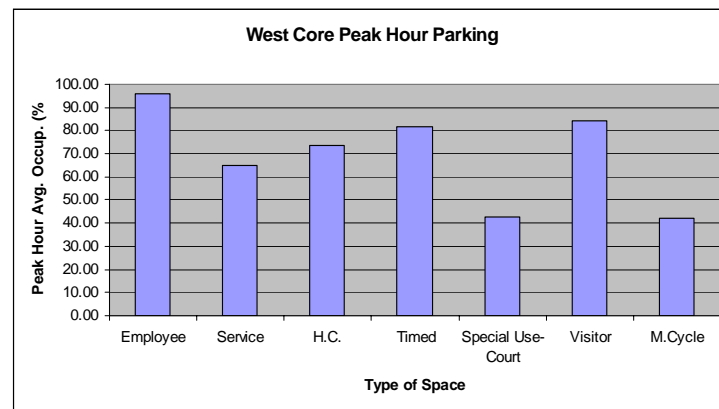
WEST CORE CAMPUS

Area Locator Map

(G) West Core Area Parking

Area	Total # Spaces	Type	(b)									
			10:00		2:00		10:00-4:00 Avg.	Occupancy	Occupancy		Occupancy	
			M/W	Tu/Th	M/W	Tu/Th	(occup.Spaces)	(b/a)	M/W	Tu/Th	AM	PM
A	14	Employee	13.8	13.8	14	14	13.88	99.11	99.11	99.11	98.21	100.00
B	13	Employee	13	13	13	13	13.00	100.00	100.00	100.00	100.00	100.00
	1	Service	1	1	1	0.75	0.94	93.75	100.00	87.50	100.00	87.50
	6	Visitor	5.5	6	5.75	6	5.81	96.88	93.75	100.00	95.83	97.92
	6	H.C.	5.75	5.75	5.25	5.5	5.56	92.71	91.67	93.75	95.83	89.58
	7	Timed	7	5.75	7	6	6.44	91.96	100.00	83.93	91.07	92.86
C	26	Employee	25.3	25.5	25	26	25.44	97.84	96.63	99.04	97.60	98.08
	3	Timed	0.5	1.5	1.5	1	1.13	37.50	33.33	41.67	33.33	41.67
	2	H.C.	1.25	1.5	1.25	1.25	1.31	65.63	62.50	68.75	68.75	62.50
	1	Visitor	0.75	0.5	0.5	0.75	0.63	62.50	62.50	62.50	62.50	62.50
	14	Mot	4.5	4.75	4.75	5.25	4.81	34.38	33.04	35.71	33.04	35.71
	20	Service	12	12.8	17.5	15.5	14.44	72.19	73.75	70.63	61.88	82.50
D	7	Service	6.75	6.5	6	6.5	6.44	91.96	91.07	92.86	94.64	89.29
	3	Timed	1.75	2.25	2.5	2.75	2.31	77.08	70.83	83.33	66.67	87.50
E	16	Timed	11.8	13.8	15	15.8	14.06	87.89	83.59	92.19	79.69	96.09
	2	Service	0.75	1	0.5	1	0.81	40.63	31.25	50.00	43.75	37.50
	5	Special Use-Court	1.5	1.5	2.75	2.75	2.13	42.50	42.50	42.50	30.00	55.00
	2	H.C.	2	1.25	1.75	1.75	1.69	84.38	93.75	75.00	81.25	87.50
	3	Motorcycle	3	3	3	2.75	2.94	97.92	100.00	95.83	100.00	95.83
	1	Service	0.75	0.5	0.5	0.75	0.63	62.50	62.50	62.50	62.50	62.50
F	5	H.C.	2.5	1.25	1.25	1.75	1.69	33.75	37.50	30.00	37.50	30.00
	163	Employee	163	162	156	159	159.94	98.12	97.85	98.39	99.77	96.47
G	58	Employee	53.8	54.5	44	45.8	49.50	85.34	84.27	86.42	93.32	77.37
	8	Timed	7.75	7	6.75	8	7.38	92.19	90.63	93.75	92.19	92.19
	4	Service	2	2.75	3	3	2.69	67.19	62.50	71.88	59.38	75.00
	14	Mot	0.5	1	1.5	1.5	1.13	8.04	7.14	8.93	5.36	10.71
H	20	Employee	19.8	20	19.8	19.8	19.81	99.06	98.75	99.38	99.38	98.75
	6	Service	4	3	3.5	4	3.63	60.42	62.50	58.33	58.33	62.50
I	4	Timed	2.5	2.67	3.25	3.25	2.92	72.92	71.88	73.96	64.58	81.25
J	9	Timed	6	4	9	8.5	6.88	76.39	83.33	69.44	55.56	97.22
	1	Service	0.5	0.33	0.25	0.25	0.33	33.33	37.50	29.17	41.67	25.00
K	262	Employee	261	258	252	232	250.63	95.66	97.85	93.46	99.05	92.27
	11	Service	6.75	5	6.5	6.5	6.19	56.25	60.23	52.27	53.41	59.09
	5	H.C.	4	3.67	4.75	3.5	3.98	79.58	87.50	71.67	76.67	82.50
L	61	Employee	51.8	59.3	51	57.8	54.96	90.10	84.22	95.97	91.05	89.14
	2	Serv	0	1	0	1.25	0.56	28.13	0.00	56.25	25.00	31.25
	3	H.C.	1.5	1.67	2	1.25	1.60	53.47	58.33	48.61	52.78	54.17
	22	Mot	3.5	10	8.75	16.5	9.69	44.03	27.84	60.23	30.68	57.39
M	3	H.C.	2.5	2.67	2.75	2	2.48	82.64	87.50	77.78	86.11	79.17
	10	Visitor	7	7.67	8	9	7.92	79.17	75.00	83.33	73.33	85.00
	1	Service	0.25	0.33	0.75	0.5	0.46	45.83	50.00	41.67	29.17	62.50
	2	Timed	1.5	1	1.75	1.5	1.44	71.88	81.25	62.50	62.50	81.25
	2	Employee	1.75	2	2	2	1.94	96.88	93.75	100.00	93.75	100.00

Area	Total # Spaces	Type	(b)									
			10:00		2:00		10:00-4:00 Avg.	Occupancy	Occupancy		Occupancy	
			M/W	Tu/Th	M/W	Tu/Th	(occup.Spaces)	(b/a)	M/W	Tu/Th	AM	PM
N	16	Employee	15.3	16	13.3	15	14.88	92.97	89.06	96.88	97.66	88.28
	2	Service	1.25	2	0.75	1	1.25	62.50	50.00	75.00	81.25	43.75
O	60	Employee	59.8	60	59.8	58.3	59.44	99.06	99.58	98.54	99.79	98.33
	2	Service	0.25	2	0.25	1.5	1.00	50.00	12.50	87.50	56.25	43.75
	3	H.C.	2.25	2.67	2.75	2.25	2.48	82.64	83.33	81.94	81.94	83.33
	2	Timed	1.75	1.67	1.25	1	1.42	70.83	75.00	66.67	85.42	56.25
P	3	M.Cycle	1	2	1.25	1.75	1.50	50.00	37.50	62.50	50.00	50.00
	21	Employee	20.3	21	19	19.3	19.88	94.64	93.45	95.83	98.21	91.07
	1	Service	0.5	0.67	0.5	0.5	0.54	54.17	50.00	58.33	58.33	50.00
	3	H.C.	2.5	1.67	2.5	3	2.42	80.56	83.33	77.78	69.44	91.67
Q	5	H.C.	4.25	4.33	4.75	3	4.08	81.67	90.00	73.33	85.83	77.50
	56	Employee	55.5	56	55.5	55	55.50	99.11	99.11	99.11	99.55	98.66
	2	Service	0.5	2	0.75	1	1.06	53.13	31.25	75.00	62.50	43.75
	4	Timed	3	3.67	3.75	3.75	3.54	88.54	84.38	92.71	83.33	93.75
	23	Mot	12.3	13.7	9	17.8	13.17	57.25	46.20	68.30	56.34	58.15
Total	1031		903	922	892	901	904.23	87.70	87.02	88.39	88.48	86.93



Type	Total	Peak Hour Avg. Occup.	Type	10:00-4:00 Avg. (occup.Spaces)
Employee	772	95.70	Employee	738.77
Service	63	65.01	Service	40.96
H.C.	37	73.76	H.C.	27.29
Timed	58	81.90	Timed	47.50
Special Use-Court	5	42.50	Special Use-Court	2.13
Visitor	17	84.44	Visitor	14.35
M.Cycle	79	42.06	M.Cycle	33.23
Total Spaces	1031	87.70	Total Spaces	904.23

[G]

Observations:

-Employee parking makes up 75% of the parking in this district. This parking use is nearing maximum utilization (96%).

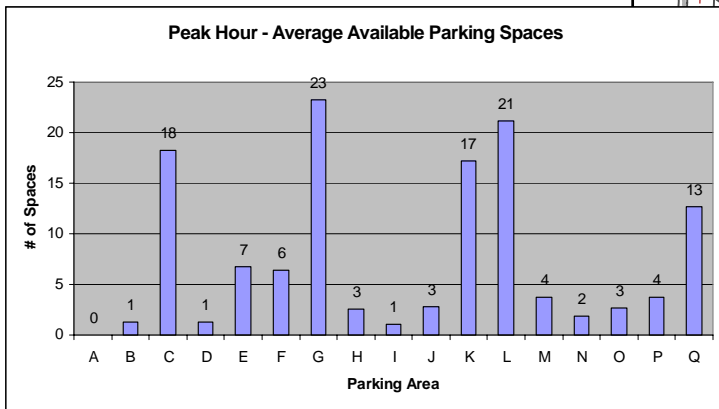
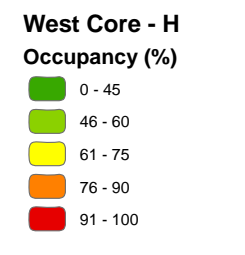
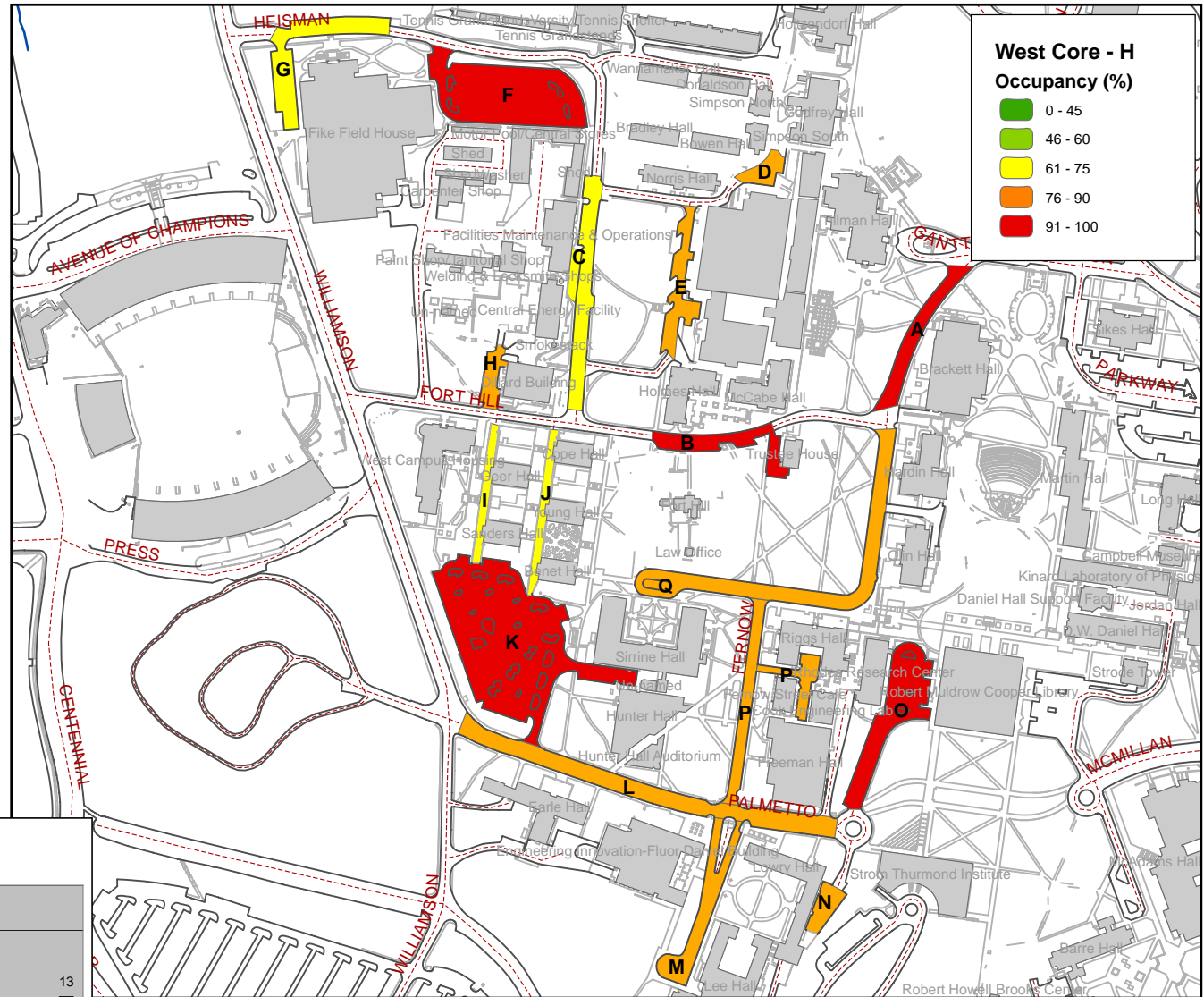
-Both Timed and Visitor parking spaces are highly utilized in this core campus district. Over 80% peak hour utilization was witnessed for each of these parking uses.

-Handicap spaces represent approximately 4% of the total parking in this area and show 74% utilization. As expected, this figure is much higher than handicap spaces located in areas further away from the core campus.

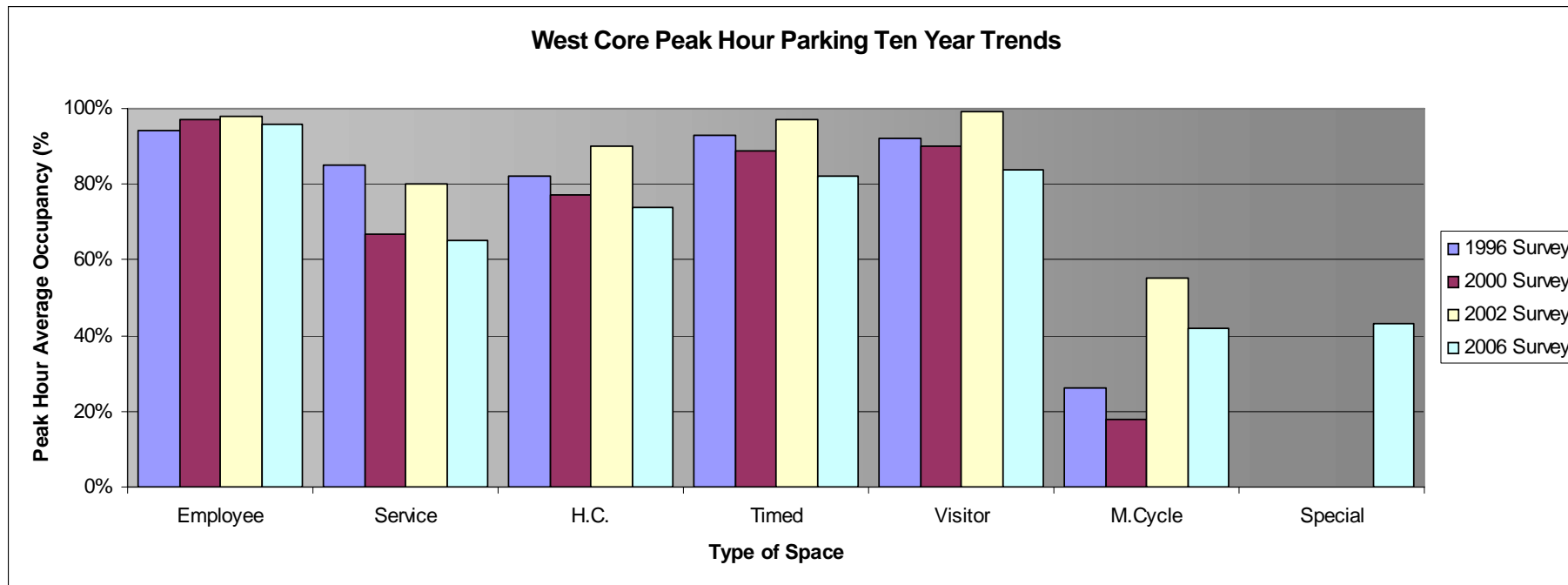
-Service Vehicle parking increased from 44 spaces in 2002 to 63 spaces in 2006. During the same time period, utilization decreased from 80% to 65%.

Opportunities:

-Most of the parking areas in this district are very highly utilized. Perhaps some of the Service parking should be studied further and possibly reassigned.



Peak Hour Occupancy by Parking Area



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%
Total Spaces	1061	

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%
Total Spaces	1022	

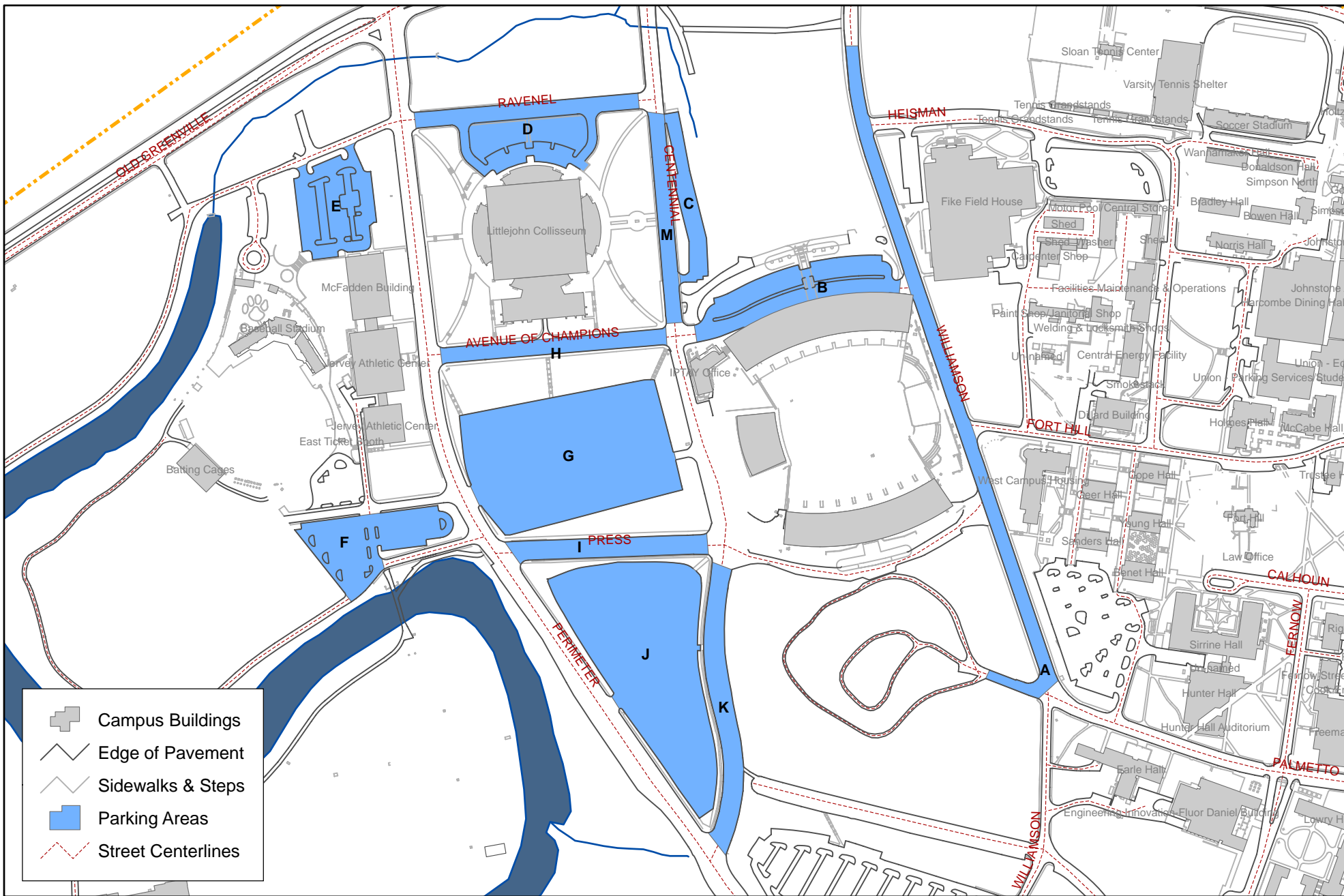
2002 Survey		
Type	Total	Peak Hr. Avg.Occup
Employee	715	98%
Service	44	80%
H.C.	30	90%
Timed	41	97%
Visitor	10	99%
M.Cycle	67	55%
Total Spaces	907	

2006 Survey		
Type	Total	Peak Hour Avg.Occup.
Employee	772	96%
Service	63	65%
H.C.	37	74%
Timed	58	82%
Visitor	17	84%
M.Cycle	79	42%
Special Use-Court	5	43%
Total Spaces	1031	

The image shows a detailed architectural site plan for 'Area [H] - West Campus'. The drawing is rendered in a light brown or sepia tone on aged paper. It features a grid of streets and several large, rectangular building footprints. Some of these buildings have internal divisions, possibly representing rooms or courtyards. There are also smaller, irregular shapes scattered throughout the plan, which could be trees, landscaping, or smaller structures. The overall layout suggests a structured urban or campus environment. The text 'AREA [H] - WEST CAMPUS' is overlaid in the center in a blue, sans-serif font.

AREA [H] - WEST CAMPUS

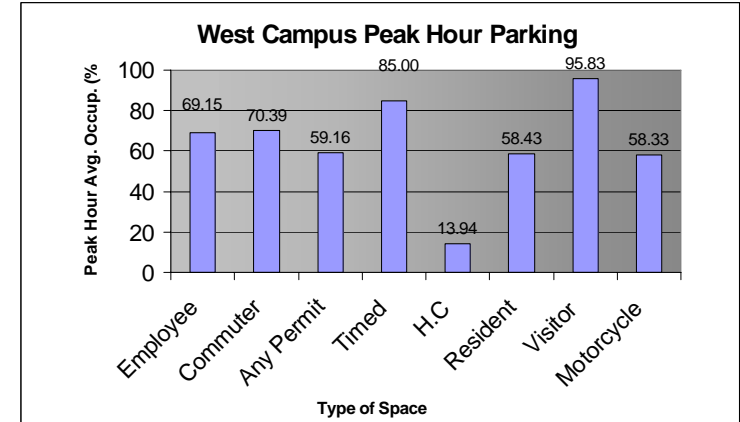
[H]



WEST CAMPUS Area Locator Map

(H) West Campus Parking

(a) Area	Total # Spaces	Type	(b)				10:00-4:00 Avg. (occup.Spaces)	Average Occupancy (b/a)	Occupancy				
			10:00		2:00				M/W	Tu/Th	AM	PM	
			M/W	Tu/Th	M/W	Tu/Th							
A	55	Commuter	53.5	53.3	53.5	53.5	53.44	97.16	97.27	97.05	97.05	97.27	
	125	Employee	104	108	109	103	105.81	84.65	85.00	84.30	84.50	84.80	
B	23	Employee	22	21.3	20.8	17.8	20.44	88.86	92.93	84.78	94.02	83.70	
	147	Commuter	147	146	144	144	145.25	98.81	98.81	98.81	99.66	97.96	
	47	Any Permit	47	47	46.3	47	46.81	99.60	99.20	100.00	100.00	99.20	
	3	Timed	1.25	3	2	2.75	2.25	75.00	54.17	95.83	70.83	79.17	
C	96	Commuter	84.5	93.8	87	88.8	88.50	92.19	89.32	95.05	92.84	91.54	
D	59	Commuter	42.8	57.8	43.8	47.5	47.94	81.25	73.31	89.19	85.17	77.33	
	48	Any Permit?	7	7.25	6	7	6.81	14.19	13.54	14.84	14.84	13.54	
E	118	Employee	55.5	54	53	52.3	53.69	45.50	45.97	45.02	46.40	44.60	
	1	Service	1	1	1	1	1.00	100.00	100.00	100.00	100.00	100.00	
	2	Timed	2	2	2	2	2.00	100.00	100.00	100.00	100.00	100.00	
	6	Visitor	6	5.75	5.5	5.75	5.75	95.83	95.83	95.83	97.92	93.75	
	5	H.C.	0.25	0	0	0	0.06	1.25	2.50	0.00	2.50	0.00	
F	231	Any Permit	55.5	57	131	87.3	82.75	35.82	40.42	31.22	24.35	47.29	
	3	Motorcycle	1.75	2	1.75	1.5	1.75	58.33	58.33	58.33	62.50	54.17	
	8	H.C.	0.5	0.5	3.25	2.75	1.75	21.88	23.44	20.31	6.25	37.50	
G	788	Any Permit	471	534	530	513	511.81	64.95	63.48	66.42	63.75	66.15	
H	28	Any Permit	28	28	27	26.8	27.44	97.99	98.21	97.77	100.00	95.98	
	11	Employee	10.8	10.8	10.8	10.8	10.75	97.73	97.73	97.73	97.73	97.73	
I	136	Commuter	84.8	86.3	84.5	89	86.13	63.33	62.22	64.43	62.87	63.79	
J	778	Resident	455	449	467	448	454.56	58.43	59.21	57.65	58.08	58.77	
K	209	Commuter	62	58.8	64.8	60.8	61.56	29.46	30.32	28.59	28.89	30.02	
L	71	Employee	UNDER CONSTRUCTION										
	6	Timed	UNDER CONSTRUCTION										
	2	H.C.	UNDER CONSTRUCTION										
	10	Service	UNDER CONSTRUCTION										
M	4	Employee	4	3.5	3.5	3.5	3.63	90.63	93.75	87.50	93.75	87.50	
	69	Commuter	58.3	68.5	59.8	53	59.88	86.78	85.51	88.04	91.85	81.70	
Total	3089		1804	1898	1956	1869	1881.75	60.92	60.87	60.97	59.93	61.91	



Type	Total # Spaces	Peak Hour Avg.Occup.	Type	10:00-4:00 Avg. (occup.Spaces)
Employee	281	69.15	Employee	194.31
Commuter	771	70.39	Commuter	542.69
Any Permit	1142	59.16	Any Permit	675.63
Timed	5	85.00	Timed	4.25
H.C.	13	13.94	H.C.	1.81
Resident	778	58.43	Resident	454.56
Visitor	6	95.83	Visitor	5.75
President	0	Relocated	President	Relocated
E.M.S	0	Relocated	E.M.S	Relocated
Service	11	Under Construction	Service	Under Construction
Motorcycle	3	58.33	Motorcycle	1.75
Total Spaces	3010	62.48	Total Spaces	1880.75

Note: Total Spaces does not include those that were unavailable due to construction during the study period.

[H]

Observations:

-The parking area to the immediate west of the West End Zone project (L) was unavailable due to construction. This parking accounts for just 3% of the total available parking in this district.

-Despite having increased usage since 2002, Any Valid Permit spaces continue to be under-utilized (59%). There are often as many as 500 of these spaces available during peak hours.

-Usage of Commuter spaces has increased dramatically from 24% in 2002 to 70% in 2006. This is the highest utilization of this parking use in ten years.

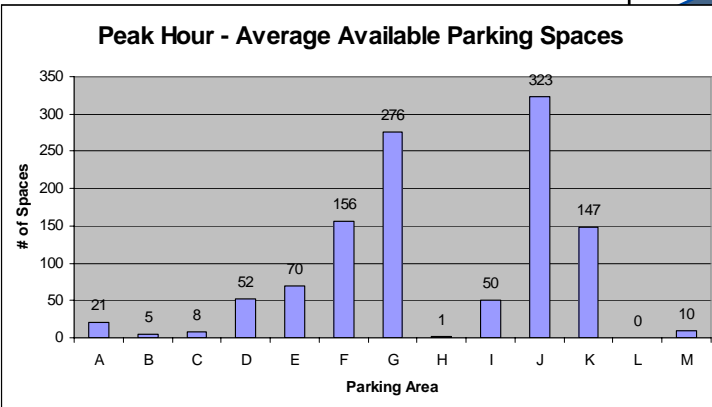
-Resident parking continues to see only moderate utilization (58%, 60% in 2002). There are typically more than 300 Resident parking spaces available during the peak hours of the day.

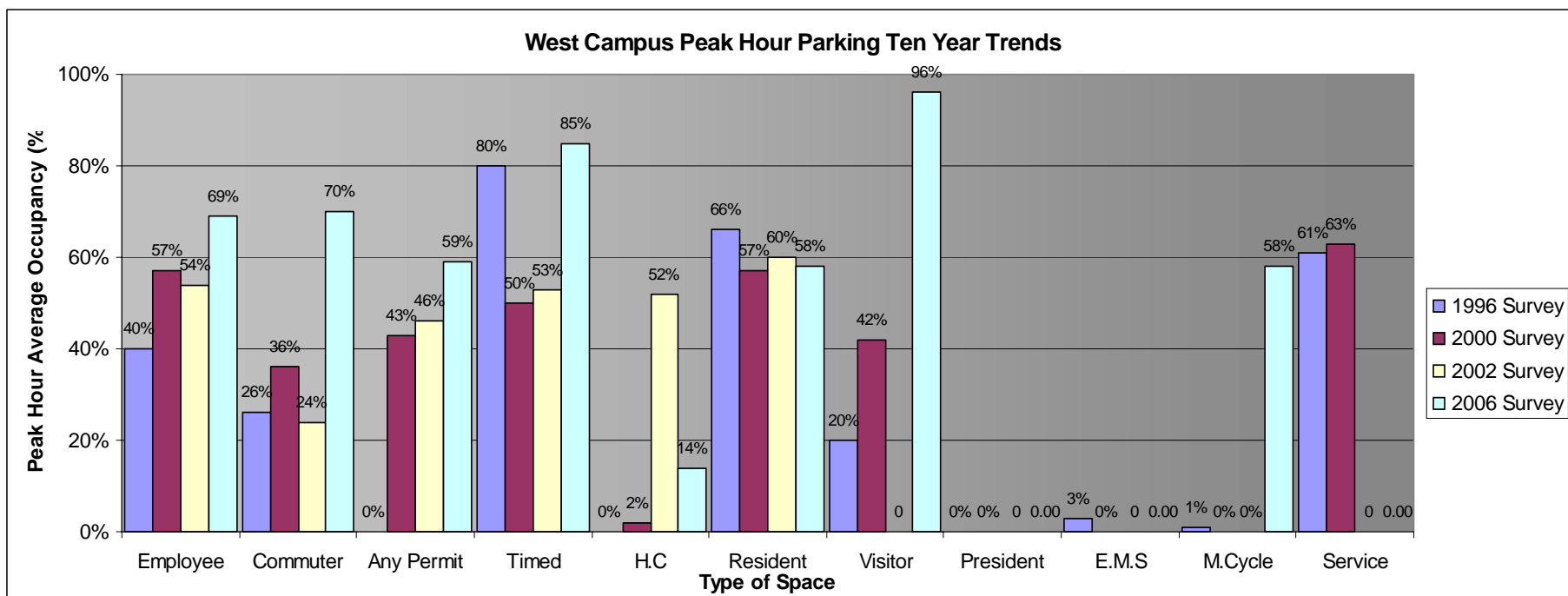
Opportunities:

-Ensure consistent transit service to promote parking in this district. Perhaps an express route along Perimeter Road from P-3 and R-3 to Lee Hall, Poole Agricultural



Peak Hour Occupancy by Parking Area





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%
Total Spaces	3164	

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%
Total Spaces	3298	

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
Total Spaces	3158	

2006 Survey		
Type	Total # Spaces	Peak Hour Avg.Occup.
Employee	352	69%
Commuter	771	70%
Any Permit	1142	59%
Timed	11	85%
H.C	15	14%
Resident	778	58%
Visitor	6	96%
President	0	Relocated
E.M.S	0	Relocated
Motorcycle	3	58%
Service	11	Under Construction
Total Spaces	3089	

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Clemson University
University Facilities
Campus Planning Services