

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824-1216

MEMORANDUM

TO: Thomas W. Kehler

FROM: Bill Ratliff *WR*

DATE: September 29, 1993

SUBJECT: Bicycle Count

The 1993 fall bike count was taken on Wednesday, September the 22nd, between 9:30 AM. to 11:30 AM. The bike racks in each gardening zone were surveyed. At the same time, the residential dorm managers surveyed the storage rooms in their respective dorms.

	BIKES	MOPEDS	DORM STORAGE
Zone 1 -	2866	87	
Zone 2 -	1880	60	
Zone 3 -	3900	91	
<u>Zone 4 -</u>	<u>823</u>	<u>25</u>	<u> </u>
Total	9469	263	3483

WWRwvr

Total bikes 12,952

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824-1216

MEMORANDUM

TO: Thomas W. Kehler
FROM: Bill Ratliff
DATE: April 20, 1993
SUBJECT: Bicycle Count

The 1993 Spring bike count was taken on Friday, April the 16th, between 9:30 AM. to 11:30 AM. The bike racks in each gardening zone were surveyed. At the same time, the residential dorm managers surveyed the storage rooms in their respective dorms.

	BIKES	MOPEDS	DORM STORAGE
Zone 1 -	1303	112	
Zone 2 -	818	22	
Zone 3 -	2831	83	
Zone 4 -	475	14	
Total	6171	231	3459

9,630 bikes
231 Mopeds.

WWRwwr

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824-1216

October 25, 1988

M E M O R A N D U M

TO: Tom Kehler, Director
Campus Park and Planning

FROM: Gary Parrott, Director of Grounds *GRP*

SUBJECT: BICYCLE SURVEY SUMMARY

A summary of bicycles and mopeds was conducted by the gardeners on Monday, October 10, 1988. Our total count was 9,253 bicycles and 586 mopeds.

Using the campus analysis zones identified by the Campus Parking and Transportation Study, our survey shows the following:

	<u>BIKES</u>	<u>MOPEDS</u>
ZONE 1	680	51
2	290	27
3	601	31
4	169	11
5	416	26
6	976	74
7	294	25
8	150	10
9	210	24
10	99	2
11	72	5
12	10	3
13	24	1
14	41	3
15	12	2
16	30	1
17	9	0
18	0	0
19	66	4
20	1,271	51
21	1,452	125
22	1,060	12
23	<u>1,321</u>	<u>98</u>
TOTALS	9,253	586

Of possible interest, the bicycle count for Fall of 1986 was 7,520 bicycles and 121 mopeds.

MICHIGAN STATE UNIVERSITY

DIVISION OF CAMPUS PARK AND PLANNING
412 OLDS HALL
TELEPHONE (517) 355-9582

EAST LANSING · MICHIGAN · 48824-1047

10/19/1986

--Sent via EDD NETWORK--

M E M O R A N D U M

TO: Tom Kehler, Director
Campus Park and Planning

FROM: Gary Parrott, Director of Grounds

SUBJECT: BIKE COUNT, FALL 1986

Below is the bicycle count for fall term, 1986. The count was made on alternate days around the academic buildings with the resident halls being counted on one day only. We believe the count to be low by as much as 25%.

AREA	BIKE COUNT - FALL 1986	
	BIKES	MOPEDS
A-1	504	10
A-2	46	
A-3	511	22
A-4	644	16
A-5-1	127	3
A-5-2	227	
A-5-3	446	10
B-1	1529	
B-2	600	13
C	782	40
D	48	7
E	1218	
F	1047	
G	<u>6</u>	<u> </u>
	TOTAL	7520
		121

MICHIGAN STATE UNIVERSITY

OCT 23 1986

DIV. OF CAMPUS PARK & PLANNING

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY
October 7, 1981

10:20 A.M.

Academic Campus	4,152
Dormitory Housing	3,830
Married Housing	1,986
Total Housing	<u>5,816</u>
Total Count	9,968

This count does not include bicycles inside dorms.

Total count on October 29, 1980, at 10:20 AM	11,083
Total count on October 7, 1981, at 10:20 AM	<u>9,968</u>
Difference less than in 1980	1,115

Racks in use in 1980 = 1026
Racks in use in 1981 = 1027

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MICHIGAN STATE UNIVERSITY
 GROUNDS MAINTENANCE DEPARTMENT

CAMPUS BICYCLE AND BICYCLE RACK SURVEYS

Date Time	October, 1975		October, 1976		October, 1977		October, 1978		October, 1979
	6 AM	10:30 AM	6 AM	10:30 AM	6 AM	10:30 AM	6 AM	10:30 AM	10:30 AM
Academic Campus	229	5,847	268	6,772	255	5,190	313	5,340	5,320
Married Housing	2,267	1,963	2,402	1,985	2,249	1,867	2,058	1,705	2,038
Dormitory Housing	5,397	4,544	5,582	4,759	5,199	4,489	6,132	4,783	5,174
Est. in Dorms	3,120		3,000		6,663		6,663		
TOTAL	11,013	12,354	11,270	13,516	14,366	11,546	15,166	11,828	12,532
Registered Bikes at Public Safety	6,636		6,166		6,851		3,803		3,027
Racks in use	975		997		997		1008		1029
Racks in Storage					9				
TOTAL	975		997		1006		1008		1029

MICHIGAN STATE UNIVERSITY

JAN 08 1982

DIV. OF CAMPUS PARK & PLANNING

MICHIGAN ST. UNIVERSITY
 GROUNDS MAINTENANCE DEPARTMENT

CAMPUS BICYCLE AND BICYCLE RACK SURVEYS

Date	October, 1980	Oct. 7, 1981
Time	10:20 AM	10:20 AM
Academic Campus	4,210	4,152
Married Housing	1,992	1,986
Dormitory Housing	4,881	3,830
TOTAL	11,083	9,968
Registered Bikes at Public Safety		
Racks in use	1,026	1,027
Racks in Storage	4	
TOTAL	1,030	

MICHIGAN STATE UNIVERSITY

JAN 08 1982

DIV. OF CAMPUS PARK & PLANNING

CAMPUS PARK PLANNING

7/81

BICYCLE DATE FROM 1960

YEAR	ENROLLMENT	ENROLLMENT VARIANCE	BIKES REGISTERED	BIKE REGISTERED VARIANCE	BIKE COUNT	BIKE COUNT VARIANCE	BIKES FROM OFF CAMPUS	RACKS IN USE	MILES OF ROUTE	
									ADDED	TOTAL
1973										
Apr. 26	37,690	-3688	14,854	+2706	10,270	-2125		886		11.0
1973 June 30										
										added bike route
										.75
										11.75
1973 Oct. 3	41,649	+3959	9,333	-5521	9,370	- 79				
										3 Oct. 6:30a.m.
1973 Oct. 3	"	"	"	"	12,969	+ 574		903		11.75
										3 Oct. 10:30a.m.
1974										6:30 a.m.
Apr. 25	38,126	-3523	11,497	+2164	7,224	-2146		903		11.75
" "	"	"	"	"						10:30 a.m.
										9,841 -3128
1974										6: a.m.
Oct. 9	43,459	+5333	8,511	-2986	10,942	+1572		937	.13	11.88
" "	"	"	"	"						10:30 a.m.
										12,913 - 56
Oct. 15										at Brody.13
1975	44,580	+1121	6,636	-1875	11,013	+ 71				11.75
" "	"	"	"	"						6:00 a.m.
										10:30 a.m.
" "	"	"	"	"	12,354	- 559	1037	975		11.75
1976										6:00 a.m.
Oct. 13	43,749	- 831	6,166	- 470	11,270	+ 257				11.75
" "	"	"	"	"						10:30 a.m.
										13,516 +1,162
Oct. 12										1,829
1977	44,211	+ 462	6,851	+ 685	14,366	+3,096		1,006		11.75
" "	"	"	"	"						6:00 a.m.
										10:30 a.m.
" "	"	"	"	"	11,546	-1,970		1,006		11.75
Oct. 23										6:00 a.m.
1978	43,744	- 467	3,803	-3047	15,166	+ 800		1,008		11.75
" "	"	"	"	"						10:30 a.m.
										11,828 + 282
*1979 Oct.	44,756	+1,012	3,027	- 776	12,532	+ 704		1,029		11.75
										10:30 a.m.
1980 Oct.	44,940	+ 184	2,632	- 395	11,083	-1,449		1,026		11.75

*As of October 1979 bikes will be registered every 4 years.

CAMPUS PARK PLANNING

7/81
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BICYCLE DATE FROM 1960

YEAR	ENROLLMENT	ENROLLMENT VARIANCE	BIKES REGISTERED	BIKE REGISTERED VARIANCE	BIKE COUNT	BIKE COUNT VARIANCE	BIKES FROM OFF CAMPUS	RACKS IN USE	MILES OF ROUTE	
									ADDED	TOTAL
1960	21,000		1775						.9	.9
1961	22,637	+1637	3559	+1784					1	1.9
1962	25,014	+2377	4953	+1394					1.8	1.9
1963	27,669	+2655	5903	+ 950	Oct. 10:30a.m. 5330			401	.5	4.2
1964	31,500	+3831	5582	- 321	14 Oct. 10:30a.m. 8000	+2670			4.8	9.0
1965	35,580	+4080	5609	+ 27	Oct. 10:30a.m. 7510	- 490		718		9.0
1966	38,107	+2527	5662	- 347	Oct. 10:30a.m. 6300	-1210				9.0
1967	38,758	+1651	3871	-1391	11 Oct. 6:00 a.m. 5657	- 643		859	2.	11.0
1968	39,949	+1191	3240	- 631	15 Oct. 10:30a.m. 5339	- 318				11.0
1969	40,820	+ 871	2407	- 833	15 Oct. 10:30a.m. 4421	- 918		800		11.0
1970	39,000	-1820	2914	+ 507	23 Apr. 8:30a.m. 4226	- 195				11.0
"	40,511	+1511	2505	- 408	14 Oct. 10:30a.m. 4929	+ 703		732		11.0
1971	39,000	-1511	4258	+1752	2 June 10:30a.m. 5949	+1020	352	754		11.0
" Oct.	41,649	+2649	10032	+5774	5 Oct. 10:30a.m. 9235	+4306	775	775		11.0
1972	37,810	-3839	11927	+1895	27 Apr. 10:30a.m. 8937	- 298	1013	890		11.0
"Oct.	41,378	+3568	9566	-2361	4 Oct. 6:00 a.m. 9429	+492		880		11.0
"Oct.	"	"	"	"	4 Oct. 10:30a.m. 12,395	+3160	2543	880		11.0
"Nov. 9	"	"	12,148							

October 29, 1980

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - October 29, 1980

10:20 AM

Academic Campus	4,210
Dormitory Housing	4,881
Married Housing	1,992
Total Housing: 6,873	<u> </u>
TOTAL COUNT	11,083

This count does not include bicycles inside dormitory buildings

Total count, October 10, 1979 at 10:30 AM	12,532
Total count, October 29, 1980 at 10:20 AM	<u>11,083</u>
	1,449 less than in 1979

Racks in use in 1979: 1,029

Racks in use in 1980: 1,026

MICHIGAN STATE UNIVERSITY
 GROUNDS MAINTENANCE DEPARTMENT

Bicycle Survey - October 10, 1979

10:30 a.m.

Academic Campus	5,320
Dormitory Housing	5,174
Married Housing	2,038
Total Housing:	7,212
Total Count	12,532 Bicycles

This count does not include estimated bicycles inside dormitory buildings.

Total count, Cotober 10, 1979 at 10:30 a.m.	12,532
Total Count, October 18, 1978 at 10:30 a.m.	<u>11,828</u>
	704 more in 1979

Racks in use in 1978:	1008
Racks in use in 1979:	1029

Bicycles have been registered by the Department of Public Safety as of this date numbering 3,027

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MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824

October 26, 1978

M E M O R A N D U M

TO: Milton Baron, Director - Campus Park & Planning

FROM: Gilbert Lloyd - Director of Grounds Maintenance *G.L.*

SUBJECT: 1978 OCTOBER BICYCLE SURVEY

A count of bicycles on campus was taken at 6:00 a.m. and 10:30 a.m. on October 18, 1978. Summary prepared by John Zink is attached. The 6:00 a.m. count shows an increase of 800 bikes over one year ago and 282 more on the 10:30 a.m. count.

Because of difficulty in determining the number of bicycles housed inside residence halls, the total number on campus at both counts is an approximation.

With 1008 racks available, and assuming an average of 20 bicycles per rack, some 20,000 bicycles can be accommodated at any one time. This provides adequate storage at the residence halls, but does not always provide proper locking facilities at all classroom buildings during class periods.

cc: Richard Bernitt
Lyle Thorburn

MICHIGAN STATE UNIVERSITY
OCT 31 1978
DIV. OF CAMPUS PARK & PLANNING

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MICHIGAN STATE UNIVERSITY
 GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - OCTOBER 18, 1978

	October 18, 1978 6:00 a.m.	October 18, 1978 10:30 a.m.
Academic Campus	313	5,340
Dormitory Housing	6,132	4,783
Married Housing	2,058	1,705
Total Housing	8,190	6,488
Estimated in Dorms at 6:00 a.m.	<u>6,663</u>	_____
TOTAL COUNT	15,166	11,828

Total count, October 18, 1978 11,828

Total count, October 12, 1977 11,546

282 more bicycles than 1977 at 10:30 a.m.

Racks in Use - 1977 1006

Racks in use, -1978 1008

3803 Bicycles have been registered by Public Safety as of this date

cc: Richard Bernitt
 Mark Murphy
 Lyle Thorburn

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

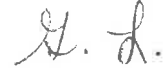
EAST LANSING • MICHIGAN • 48824

October 26, 1977

M E M O R A N D U M

TO: Milton Baron, Director - Campus Park & Planning

FROM: Gilbert Lloyd - Director of Grounds Maintenance



SUBJECT: OCTOBER 1977 BICYCLE COUNT SURVEY

A bicycle count taken at 6:00 a.m. and 10:30 a.m. on October 12, 1977 is attached. A five year comparison of total bicycles counted follows:

	<u>October 1973</u>	<u>October 1974</u>	<u>October 1975</u>	<u>October 1976</u>	<u>October 1977</u>
6:00 a.m.	9,370	10,942	11,013	11,270	14,366
10:30 a.m.	12,969	12,913	12,354	13,516	11,546
Racks	903	937	975	997	1,006

The current year shows an increase of 3,096 bicycles over last year or 27% more than one year ago. Over the five year period there was an increase of 4,996 bicycles or 53%. The 10:30 a.m. total does not provide any significant information due to lack of an inside dormitory count at the same time, the change of classes schedule, and the particular day of the week the count is made. As a result we are no longer able to estimate the number of bicycles coming from off campus during a given time of the day.

Within the last five years there has been 103 additional racks provided for both overnight storage and classroom area parking, representing an 11% increase in racks to correspond with the 53% increase in bicycles. This strongly emphasizes a need for additional racks and hard surface pads to accommodate them.

cc: Richard Bernitt
Robert Bissell
Lyle Thorburn

Attachment

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MICHIGAN STATE UNIVERSITY
OCT 27 1977
DIV. OF CAMPUS PARK & PLANNING

MICHIGAN STATE UNIVERSITY
 GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - OCTOBER 12, 1977

October 12, 1977
 6:00 a.m.

October 12, 1977
 10:30 a.m.

Academic Campus	255	.....	5,190
Dormitory Housing	5,199	.....	4,489
Married Housing	2,249	.....	1,867
TOTAL HOUSING	7,448	.....	6,356
ACTUAL COUNT BY GARDENERS	7,703	.....	11,546
Estimated in Dorms at 6:00 a.m.	<u>6,663</u>	.....	_____
GRAND TOTAL	14,366	.....	11,546

Total Count October 13, 197613,516

Total Count October 12, 197711,546

1,970 less bicycles than 1976
 count taken at 10:30 a.m.

Racks in Use - 1976.....997

Racks in Use - 1977.....997

Police Storage 9

1,006 in Use October, 1977

6,851 have been registered by Public Safety at this date.

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824

October 18, 1976

M E M O R A N D U M

TO: Milton Baron, Director - Campus Park & Planning

FROM: Gilbert Lloyd - Superintendent of Grounds

GL

SUBJECT: 1976 FALL BICYCLE SURVEY

The attached bicycle count was made October 14, 1976, at 6:00 a.m. and again at 10:30 a.m. There were 1,162 more bicycles on campus at the 10:30 count than last year but only 257 more than last year at the 6:00 survey. Apparently more bicycles are coming on campus from the surrounding area or there are more stored inside the residence halls than has been estimated by dorm personnel.

22 Additional racks have been placed in service but there is some over-crowding in a few classroom locations at varying times of the day. Relocating unused racks has helped this situation temporarily but increases the number of racks on lawn areas. This is not an extreme problem during the rest of fall term but will make it difficult to mow those areas during spring term.

Enclosure

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cc: Messrs: Richard Bernitt
Robert Bissell
Lyle Thorburn

MICHIGAN STATE UNIVERSITY
OCT 19 1976
DIVISION OF CAMPUS
PARK & PLANNING

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - OCTOBER 13, 1976

	October 13, 1976 6:00 a.m.	October 13, 1976 10:30 a.m.
Academic Campus	268	6,772
Dormitory Housing	5,582	4,759
Married Housing	2,402	1,985
TOTAL HOUSING	7,984	6,744
ACTUAL COUNT BY GARDENERS	8,252	13,516
Estimated in Dorms at 6:00 a.m.	<u>3,000</u>	_____
GRAND TOTAL	11,270	13,516

Married Housing at 6:00 a.m.	2,402
Married Housing at 10:30 a.m.	<u>1,985</u>
	417 Bicycles leaving Married Housing
Total Count at 10:30 a.m.	13,516
Total Count at 6:00 a.m.	<u>11,270</u>
Difference in count	2,246
Less Married Housing	<u>417</u>
	1,829 Bicycles coming from off-campus

Total Count October 13, 1976	13,516
Total Count October 15, 1975	<u>12,354</u>
	1,162 More bicycles in 1976 count
Racks in use October 13, 1976	997
Racks in use October 15, 1975	975

DEPARTMENT OF PUBLIC SAFETY HAS REGISTERED 6,166 BICYCLES SINCE AUGUST 1, 1976.

MICHIGAN STATE UNIVERSITY

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824

October 10, 1974

Mr. Milton Baron
Director
Campus Park and Planning
Manly Miles Building

Dear Mr. Baron:

Attached is the bicycle survey made October 9, 1974 at 6:00 a.m. and 10:30 a.m. It appears to me there are many more bicycles currently on campus this term, however, there are actually 56 less than compared to the count taken one year ago, October 3.

I am informed the Department of Public Safety has not completed the bicycle registration as of this date.

Sincerely,



Burt D. Ferris
Superintendent

Attachment (1)

cc Messrs Richard Bernitt, Robert Bissell, Lyle Thorburn

October 10, 1974

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - OCTOBER 10, 1974

	October 9, 1974 6:00 a.m.	October 9, 1974 10:30 a.m.
Academic Campus.....	249.....	6,396
Dormitory Housing (Outside 5,607 - Inside 3,000)...	8,607.....	4,756
Married Housing.....	2,086.....	1,761
Total Housing.....	10,693.....	6,517
Grand Total.....	10,942.....	12,913

Married Housing at 6:00 a.m.....2,086

Married Housing at 10:30 a.m.....1,761

325 Bicycles Leaving Married Housing

Total Count at 10:30 a.m.....12,913

Total Count at 6:00 a.m.....10,942

Difference in count.....1,971 Bicycles coming in from off campus

Current Count at 10:30 a.m. October 9, 1974.....12,913

Spring Count at 10:30 a.m. April 25, 1974.....9,841

3,072 More Bicycles than last spring survey

Racks in use October 3, 1973.....903

One Year Ago

Racks in use October 9, 1974.....937

October 3, 1973.....12,969

October 9, 1974.....12,913

56 Less
Bicycles

MICHIGAN STATE UNIVERSITY

*Linda - update your
graph + return to
Ora*

GROUNDS MAINTENANCE DEPARTMENT

EAST LANSING • MICHIGAN • 48824

April 30, 1974

Mr. Milton Baron
Director
Campus Park and Planning
Manly Miles Building
Campus

Dear Mr. Baron:

Subject: Bicycle Survey, April 25, 1974

Attached is the bicycle survey made April 25, 1974 at 6:00 a.m. and 10:30 a.m. This survey indicates a decrease of 3,100 as compared to the survey taken last October 3, 1973 at 6:30 a.m. and 10:30 a.m.

The Department of Public Safety reported from August 1973 to April 25, 1974 there were 11,430 bicycles registered.

Sincerely,

Burt D. Ferris

Burt D. Ferris
Superintendent

cc Messrs Richard Bernitt
Robert Bissell
Lyle Thorburn
Adam Zutaut

Attachment (1)

weather or what - good

April 30, 1974

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - APRIL 25, 1974

	April 25, 1974 6:00 a.m.	April 25, 1974 10:30 a.m.
ACADEMIC CAMPUS.....	308.....	3,934
DORMITORY HOUSING.....	4,736.....	4,123
MARRIED HOUSING.....	2,180.....	1,784
TOTAL HOUSING.....	6,916.....	5,907
GRAND TOTAL.....	7,224.....	9,841

Count taken October 3, 1973 10:30 a.m.....12,969

Racks in use October 3, 1973.....903

October 3, 1973 at 10:30 a.m.....12,969

April 25, 1974 at 10:30 a.m..... 9,841

3,128 Less Bicycles than October 3, 1973

Married Housing at 6:00 a.m..... 2,180

Married Housing at 10:30 a.m..... 1,784

396 Bicycles Leaving Married Housing

Total Count at 10:30 a.m..... 9,841

Total Count at 6:00 a.m..... 7,224

Difference in count.....2,617

Less Married Housing..... 396

2,221 Bicycles Coming In Off Campus

Racks in use.....903

One Year Ago

April 26, 1973.....10,270

April 25, 1974..... 9,841

429 Less Bicycles

MICHIGAN STATE UNIVERSITY EAST LANSING

GROUNDS MAINTENANCE DEPARTMENT

October 5, 1972

Mr. Milton Baron
Director
Campus Park and Planning

Dear Mr. Baron:

Attached is the bicycle survey made October 4, 1972 at 6:00 and 10:30 a.m. This survey indicates we have an increase of 3,158 as compared to the survey taken October 5, 1971.

The Department of Public Safety reported as of October 4, 1972 there were 9,566 bicycles registered and in addition to those with permits there are 2,541 bicycles coming onto campus from nearby vicinities.

We are endeavoring to compile a comprehensive bicycle growth record with a graph in color code. It is my belief such a report and graph would be informative for the ten plus years we have been making this survey.

Sincerely,



Burt D. Ferris
Superintendent

cc Messrs Richard Bernitt
Adam Zutaut
Robert Bissell

MICHIGAN STATE UNIVERSITY GROUNDS MAINTENANCE DEPARTMENT
BICYCLE SURVEY

	Oct. 5, '71 10:30 a.m.	April '72 10:30 a.m.	Oct. 4, '72 6:00 a.m.	Oct. 4, '72 10:30 a.m.	Change Oct. '71 to Apr. '72	Change Apr. '72 to Oct.	Change '71 to '72
Academic Campus			285	5,637			
Dormitory Housing			7,260	5,297			
Married Housing			1,884	1,461			
TOTALS	9,235	8,937	9,429	12,395	-298	+492	+3,160

Bikes from off campus

2,543

Public Safety bike permits

9,566

Racks in use

890

880

10 - lost during mt-on Grand Haven last spring

*A 1/16/72
16 bikes in a rack.*

MICHIGAN STATE UNIVERSITY GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY

	Oct. 5, '71 10:30 a.m.	April '72 10:30 a.m.	Oct. 4, '72 6:00 a.m.	Oct. 4, '72 10:30 a.m.
Academic Campus			285	5,637
Dormitory Housing			7,260	5,297
Married Housing			1,884	1,461
TOTALS	9,235	8,937	9,429	12,395

Bikes from off campus				2,543
Public Safety bike permits				9,566
Racks in use		890		880

10-5-72

MICHIGAN STATE UNIVERSITY
GROUNDS MAINTENANCE DEPARTMENT

BICYCLE SURVEY - OCTOBER 4, 1972

	October 4, 1972 6:00 a.m.	October 4, 1972 10:30 a.m.
ACADEMIC CAMPUS.....	285	5,637
DORMITORY HOUSING.....	7,260	5,297
MARRIED HOUSING.....	1,884	1,461
Total Housing.....	9,429	6,756
Grand Total.....	9,429	12,393

COUNT TAKEN APRIL 27, 1972 at 10:30 A.M...8,937

RACKS IN USE APRIL 27, 1972..... 890

October 4, 1972 at 10:30 a.m.....12,393

April 27, 1972 at 10:30 a.m..... 8,937

3,456 More Bicycles than April 1972

MARRIED HOUSING AT 6:00 a.m.....1,884

MARRIED HOUSING AT 10:30 a.m..... 1,461

423 Bicycles leaving Married Housing

TOTAL COUNT AT 10:30 a.m.....12,393

TOTAL COUNT AT 6:00 a.m..... 9,429

DIFFERENCE IN COUNT.....2964

LESS MARRIED HOUSING..... 423

2,541 Bicycles coming in from off campus

RACKS IN USE.....880

One (1) Year Ago

October 4, 1972.....12,393

October 5, 1971..... 9,235

3,158 more bicycles

*DEPARTMENT OF PUBLIC SAFETY REPORT:
9,566 PERMITS ISSUED AS OF 10-4-72

BICYCLE DATA FROM 1960

8/9/73

YEAR	ENROLLMENT	ENROLLMENT VARIANCE	BIKES REGISTERED	BIKE REGISTERED VARIANCE	BIKE COUNT	BIKE COUNT VARIANCE	BIKES FROM OFF CAMPUS	RACKS IN USE	MILES OF ROUTE	
									ADDED	TOTAL
1960	21,000		1775						.9	.9
1961	22,637	+1637	3559	+1784					1	1.9
1962	25,014	+2377	4953	+1394					1.8	3.7
1963	27,669	+2655	5903	+ 950	Oct. 10:30a.m. 5330			401	.5	4.2
1964	31,500	+3831	5582	- 321	14 Oct. 10:30a.m. 8000	+2670			4.8	9.0
1965	35,580	+4080	5609	+ 27	Oct. 10:30a.m. 7510	- 490		718		9.0
1966	38,107	+2527	5262	- 347	Oct. 10:30a.m. 6300	-1210				9.0
1967	38,758	+1651	3871	-1391	11 Oct. 6:00 a.m. 5657	- 643		859	2.	11.0
1968	39,949	+1191	3240	- 631	15 Oct. 10:30a.m. 5339	- 318				11.0
1969	40,820	+ 871	2407	- 833	15 Oct. 10:30a.m. 4421	- 918		800		11.0
1970	39,000	-1820	2914	+ 507	23 Apr. 8:30 a.m. 4226	- 195				11.0
"	40,511	+1511	2506	- 408	14 Oct. 10:30a.m. 4929	+ 703		732		11.0
1971	39,000	-1511	4258	+1752	2 June 10:30a.m. 5949	+1020	352	754		11.0
" Oct.	41,649	+2649	10032	+5774	5 Oct. 10:30a.m. 9235	+3286	775	775		11.0
1972	37,810	-3839	11927	+1895	27 Apr. 10:30a.m. 8937	- 298	1013	890		11.0
" Oct.	41,378	+3568	9566	-2361	4 Oct. 6:00 a.m. 9429	+492		880		11.0
" Oct.	"	"	"	"	4 Oct. 10:30 a.m. 12,395	+2966	2543	880		11.0
" Nov. 9	"	"	12,148							
1973 Apr. 26	37,690	-3688	14,854	+2706	10,270	-2125		886		11.0
1973 June 30									.75	11.75

VERY BRIEF HISTORY AND STATISTICAL DATA PERTAINING TO BICYCLES ON CAMPUS

1958* Consideration and planning began for the construction of bicycle routes on campus.

Routes - Years Constructed - Sizes - Material (C = concrete, A = asphalt) - Enrollment - Bike Counts or Registrations - Percent of Student Enrollment Having Bicycles

1960	21,000+	Enr.	1,775 reg.	(8.5%)
	Routes:		Abbot to Kalamazoo A--18"	
			Abbot to Library A--18"	
			Sparty to Kellogg A--18"	
1961	22,637	Enr.	3,559 reg.	(15.7%)
	Routes:		Brody Group A--18"	
			Kalamazoo to East Circle at Agr. Hall (unformed) A--18"	
1962	25,014	Enr.	4,953 reg.	(19.8%)
	Routes:		Sparty to Farm Lane A--18"	
			Wilson Complex C--18"	
1963	27,669	Enr.	5,903 reg. (Oct. 31)	(21.3%)
	Routes:		Bogue to McDonel Hall C--18"	
1964	31,500+	Enr.	8,000 count (10:30 a.m. Oct. 13)	(25.4%)
	Routes:		Farm Lane to Bogue C--24"	
			Abbot to East Circle at Morrill Hall C--24"	

Since 1964 all routes are concrete 2' and 6' width routes and have been constructed along with building development. Road routes were began also in 1964.

1965	35,580	Enr.	7,510 count (10:20 a.m. Oct. 14)	(21.1%)
1966	38,107	Enr.	6,300 count (10:30 a.m. Oct.)	(16.5%)
1967	38,758	Enr.	5,657 count (6:00 a.m. Oct. 11)	(14.6%)

Last bike route connection was constructed in 1967.

1968	39,949	Enr.	5,339 count (10:30 a.m. Oct. 15)	(13.4%)
1969	40,820	Enr.	4,421 count (10:30 a.m. Oct. 15)	(10.8%)
1970	39,000+	Enr.	4,226 count (8:30 a.m. Apr. 23)	(10.8%)
	40,511	Enr.	4,929 count (10:30 a.m. Oct. 14)	(12.2%)
1971	39,000+	Enr.	5,949 count (10:30 a.m. June 2)	(15.2%)
	41,649	Enr.	9,235 count (10:30 a.m. Oct. 5)	(22.2%)
	(Nov. 4		10,032 reg.	(24.1%)

Total Mileage - 11 miles in roadway and constructed routes.

* Enrollment at this time was 18,500+ students and there were 1,427 bicycle registrations which was 7.7% of enrollment.

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