

SIU Bicycle Master Plan

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Research funded by: The Green Fee

ASA Research Symposium

League of American Bicyclists

- National Bike organization
- Dedicated to
 - Creating safe roads
 - Stronger communities
 - Bicycle-friendly America

Bicycle Friendly University

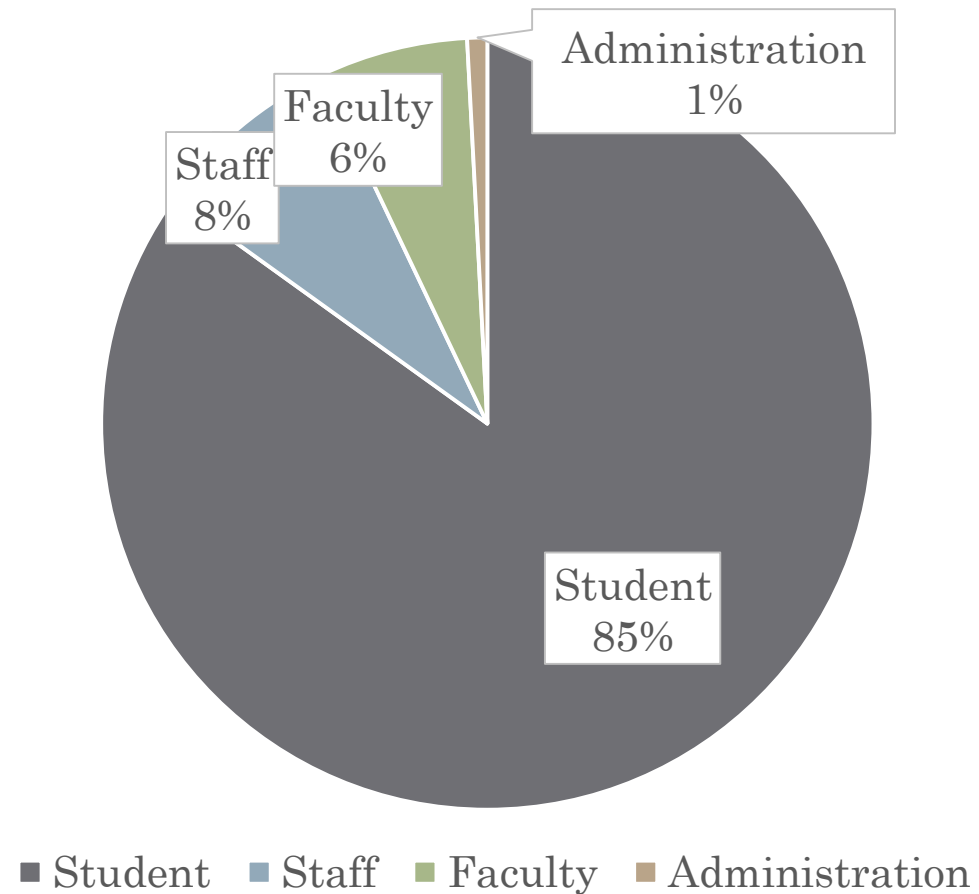
- SIU applied to be a Bicycle Friendly University in August
 - Currently reviewing application
 - Will hear in late October
- SIU would be the 4th university in Illinois to be bicycle friendly

SIU Bicycle Survey

- Why: Part of the application process to be a Bicycle Friendly University
- When: March 28 – April 10, 2016
- Who: SIU Students, Faculty, Staff, Administration
- Total: 836 People

Bike Survey Campus Role

- Student: 710
- Staff: 67
- Faculty: 52
- Administration: 7



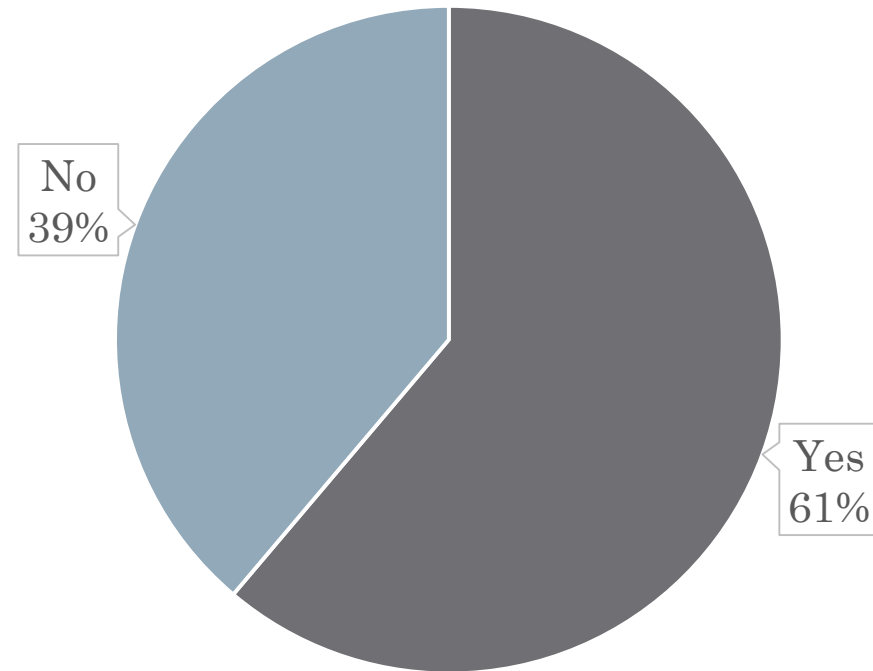
Live on/off campus

- Majority of students (260) live off campus and drive to school.
- 388 Students either live on or off campus and use a non-motorized means of transportation to get to class.
- Nearly all staff, faculty, administration drive to work.
- Average commute distance for everyone is 7 miles.

General Data

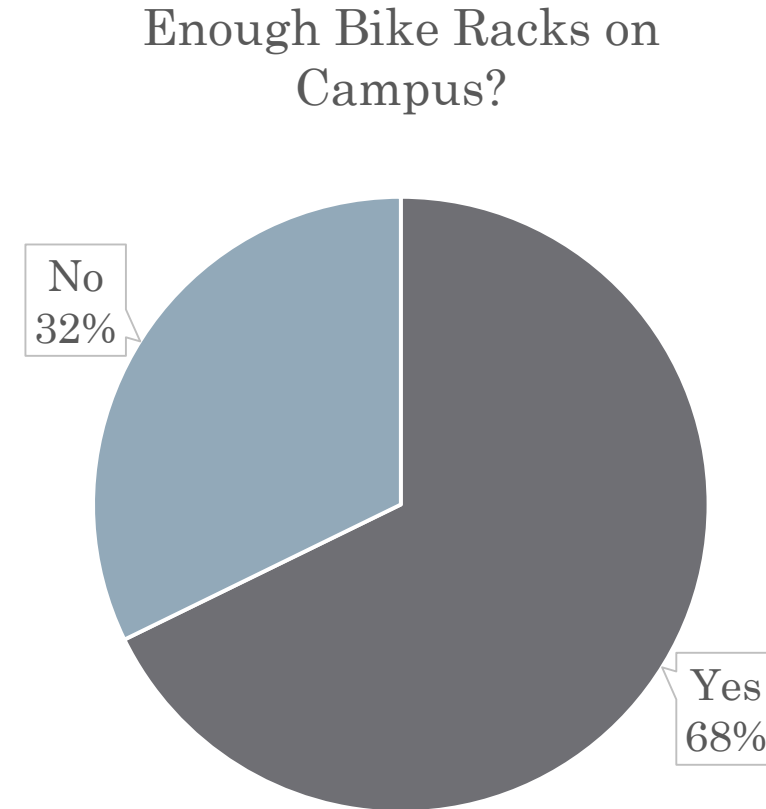
- 509 have an active parking permit
- 2/3 Own a bike
- 62% of bikes are not registered
- 184 Ride their bike every day or most of the week. Over 250 ride at least once a week.
- 61% Campus is the typical destination

Active Parking Permit



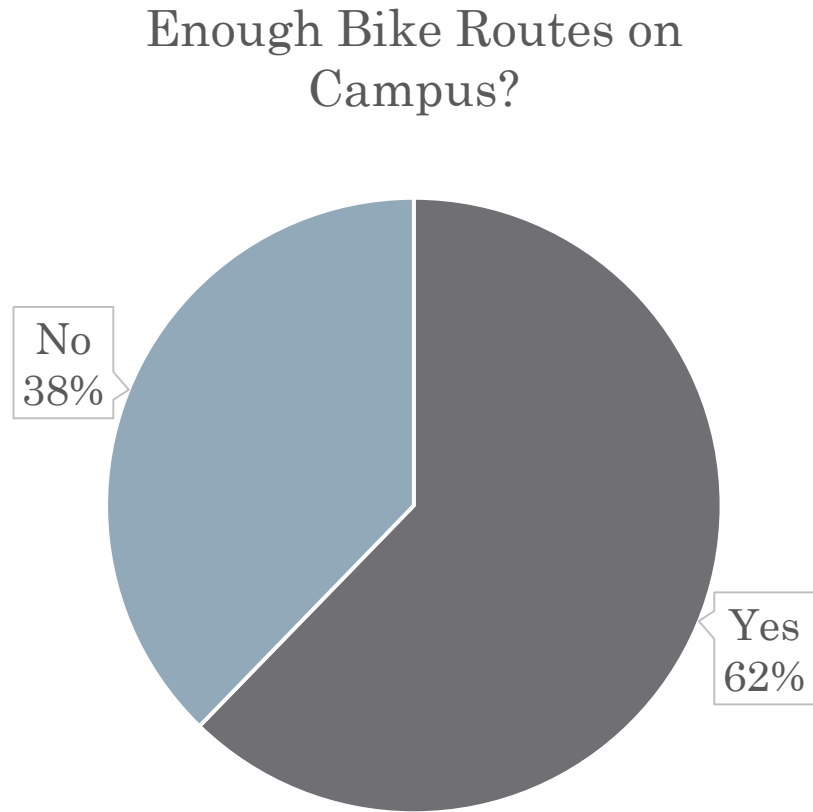
Bike Rack Data

- Bike racks most used
 - Morris Library -117
 - Faner Hall -106
 - Lawson Hall -98
 - Student Center -79
 - Engineering Building -69
- 176 said not enough bike racks.
- Where to add a bike rack
 - Morris Library -53
 - Student Center -40
 - Lawson Hall -19
 - Pulliam Hall -18
 - Lentz Hall -16



Bike Routes

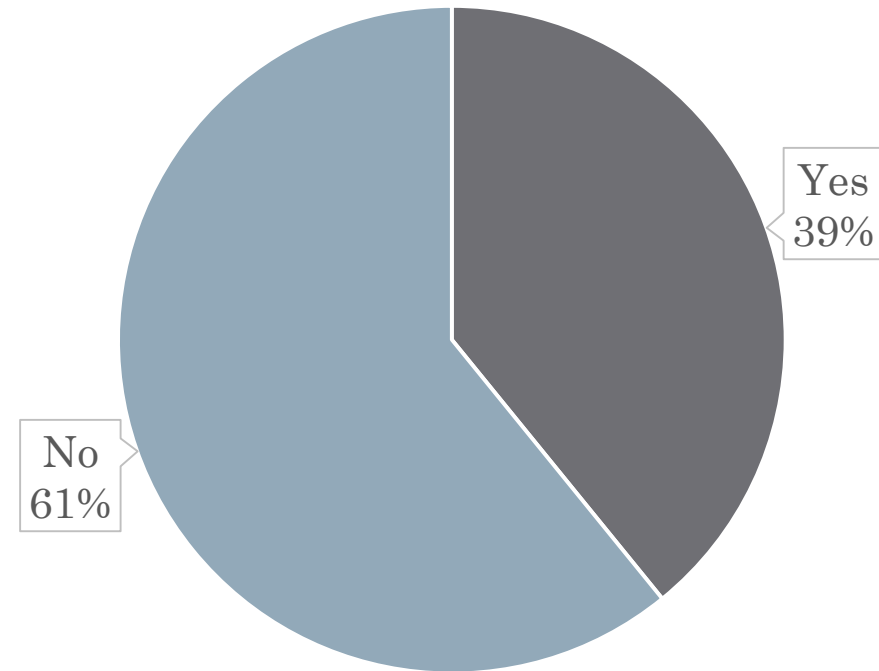
- 206 said not enough
- Top routes to add
 - Bike only paths
 - Bike lanes on campus
 - Thompson woods
 - Around the Library
 - Campus lake.



Fixit Stations

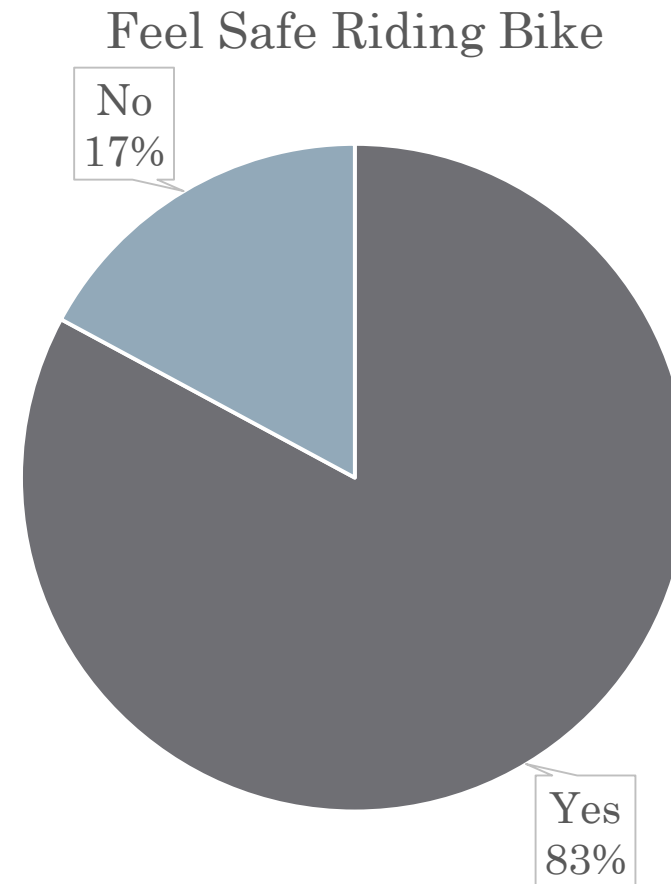
- 218 people have used the fixit stations

Used Bicycle Fixit Station?



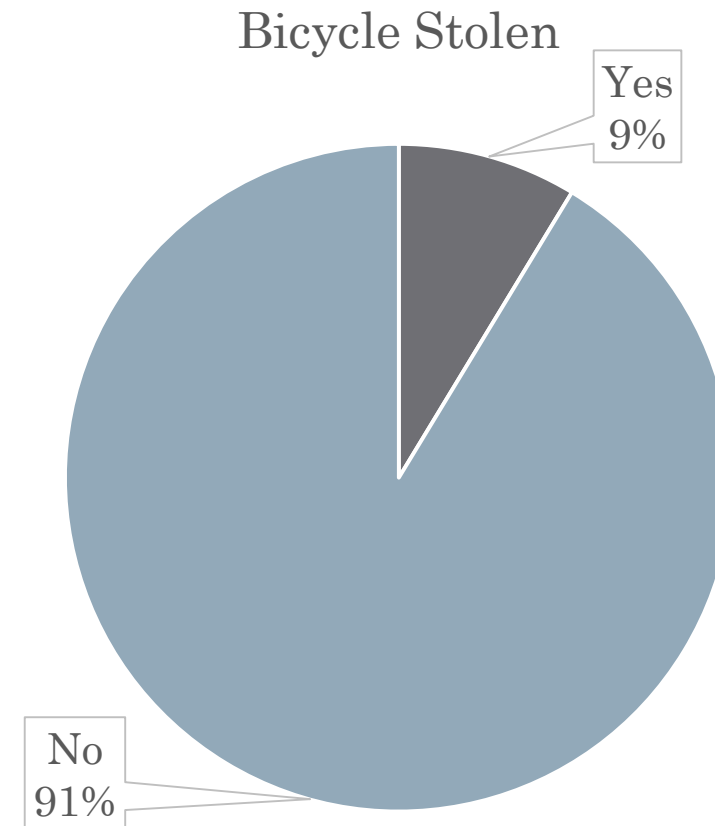
Bike Safety

- 92 People don't feel safe riding on campus
- 14% (118) Have been in a bike accident
- Top accident locations:
 - Morris Library -28
 - Thompson woods -12
 - Faner Hall -9
 - North pedestrian bridge -8
 - Engineering crosswalk -5
- Majority have been bike/pedestrian (49)



Stolen Bicycles

- 71 people have had a bicycle stolen.
- 39 of them happened at various residence halls, the majority on East Campus



Bike activities interest

- Bike share and Bike rentals combined had the most interest of 411 people
- Car free days had nearly 300 people interested
- 209 people interested in trail construction and a maintenance day
- 116 Commuters were interested in commuter events

412 General Comments

- Bikers biking through crosswalks
- Lack of education
- Bicycle/pedestrian accidents
- People not paying attention
- Fears of bike being stolen
- Carbondale is too dangerous to bike in
- Sidewalks are too narrow for both

Bicycle Master Plan Overview

- **What:** Long term plan on how to improve and expand biking on campus for the next 20-30 years.
- **Need:** There is currently no plan to continue to improve biking on campus and solve some of the problems that exist. This plan will fill that gap.
- **Goals:** Create the framework of a bicycle master plan and continue to develop it to better serve the students, faculty, staff, and administration.

The 5 “E”s of biking

- Engineering/Infrastructure
- Education
- Enforcement
- Encouragement
- Evaluation & Planning

Engineering/Infrastructure

- Current bicycle infrastructure
 - Bike racks – documented all over campus
 - Shared use paths
 - Bike lanes
 - Fix-it stations
- Address areas that need to be improved
 - Crosswalks
 - Carbondale/Campus connections
- Plan for the future
 - New paths
 - Covered bike parking
 - Bike lanes

Education

- Current bicycle education
 - What do people on campus know?
 - What do they need to know?
 - Bicycle education classes offered currently
- Plan for the future
 - Start a bicycle education course
 - Bicycle safety education events
 - Joint education information with Carbondale

Enforcement

- Current bicycle laws on campus/Carbondale
 - No biking on city sidewalks
 - No biking through crosswalks
 - Bike registration
- Plan for the future
 - Possible new safety laws
 - Easy access information about bicycle enforcement
 - Better bike registration
 - Anti-theft information/ deterrents

Encouragement

- Current bicycle encouragement
 - Saluki spokes
 - SIU cycling club
- Plan for the future
 - Bicycle events
 - Solar eclipse events
 - Week of Welcome events
 - Bike share/rental program
 - Biking incentives

Evaluation & Planning

- Evaluation of current campus conditions
- Set goals for biking on campus
- Evaluation of campus conditions in the future

Starting points

- Bicycle safety on campus
- Bike registration
- Connection between Carbondale and campus
- Education
- Bike events
- Bicycle Website

Questions and Comments

Thank you