SIU Bicycle Master Plan

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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 compute 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
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?

Yes 39%
No 61%
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