SIU Bicycle Master Plan

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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 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.

Enough Bike Routes on Campus?

Yes 62%
No 38%
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)

Feel Safe Riding Bike

No
17%

Yes
83%
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