

NC A&T SU: Pedestrian Friendly Campus

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2005 ITE Student Chapter Meeting

April 26, 2005



Presentation Overview

- Pedestrian friendly areas.
 - Why are they needed?
- NC A&T's need for a pedestrian friendly campus.
- University Plans/Implementation.
- City of Greensboro's Contribution to campus improvements.
- Conclusion

Why Do We Need Pedestrian Friendly Areas?

➤ *Safety*

- Reduce the number and severity of crashes involving pedestrians.
- Requires:
 - A good understanding of the types of crashes that are occurring in the area.
 - Implementation of appropriate countermeasures to address these crashes

Why Do We Need Pedestrian Friendly Areas?

➤ *Access*

- Create an accessible community where all pedestrians can reach their desired destinations.
- Begins with being able to walk safely along streets and across streets at intersections and other appropriate locations.

Why Do We Need Pedestrian Friendly Areas?

➤ *Aesthetics*

- It is not enough to simply have a safe, accessible community.
 - The area should also be an aesthetically pleasing place to live and work.
- Pedestrian amenities should be considered to help create a “livable area”.
 - Landscaping
 - Lighting
 - Benches

NC A&T's Needs for a Pedestrian Friendly Campus

- Increase in university enrollment:
 - Fall of 2000: 7,748 students enrolled.
 - Fall of 2001: 8,319 students enrolled.
 - Fall of 2002: 9,115 students enrolled.
 - Fall of 2003: 10,030 students enrolled.
- Approximately 30% increase in student population.

NC A&T's Needs for a Pedestrian Friendly Campus

- Increase in number of residence halls on campus.
 - There have been 4 new residence halls built on campus in the last two years.



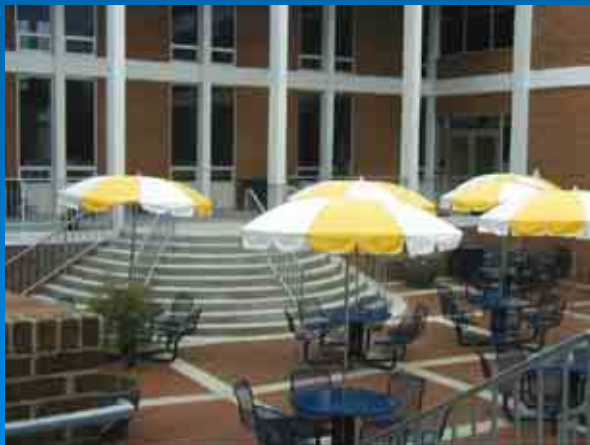
NC A&T's Needs for a Pedestrian Friendly Campus

- Increase in number of classroom buildings
 - Increased need for parking.
 - Increased vehicle and pedestrian congestion.
 - Increases need to walk further distances across campus.



University Plans/Implementation.

- Building Renovations:
 - Improved Landscaping
 - New Sidewalks
 - Placement of Benches
 - Improved Lighting



University Plans/Implementation.

- Increased Parking Facilities.
 - 400 car parking lot.
 - New Bebow Street parking lot.
- Proposed Parking Deck.
 - 500 car facility off Laurel Street.



City of Greensboro's Contribution to Campus Improvements

➤ East Market Street Streetscape

- The East Market Street Corridor Development Plan identifies improvements for pedestrian safety and access.
- Improves the physical image to develop “a sense of place” for the area.
- Streetscape and traffic management improvements are a critical component to the project.

Benefits of East Market Street Streetscape

- Enhanced Pedestrian environment.
 - Landscape.
 - Sidewalks
 - Enhanced width.
 - “Brick like” appearance.
- On Street Parking.
- Addition of crosswalks.



Conclusion

- Increase in student population will increase the number of pedestrians on campus.
- If the environment is more pedestrian friendly this could result in less vehicle traffic on campus.
 - Results in less congestion and pollution.
- A campus that creates a safe, easily accessible and aesthetic environment for the students, faculty and visitors will provide a valuable service to it's self and the community.

Questions?

➤ Feel free to contact me:

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References

- North Carolina Agricultural & Technical State University's Website.
 - <http://www.ncat.edu>
- Greensboro Department of Transportation Website.
 - <http://www.ci.greensboro.nc.us/GDOT/>