


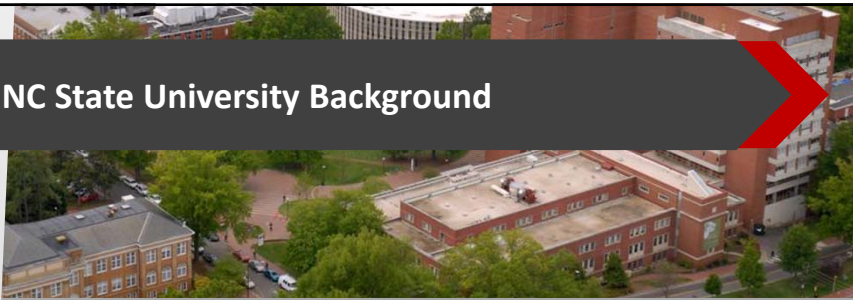
University Transportation Alternatives:

A Profile of NC State University




Michael Ousdahl
Transportation Planner

NC State University
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NC State University Background



CAMPUS ENROLLMENT 2012

Total undergraduates: 23,430	Land-grant university established in 1887
Graduate students: 8,808	
Non-Degree Students: 2,102	
Student Population: 34,340	Campus population has grown nearly 30% since the early 1990's
Faculty: 2,066	
Staff: 6,053	
Total Population: 42,459	

NC State Transportation Services

Parking



- ▶ Approximately 19,000 parking spaces on campus
- ▶ Operation and maintenance of parking facilities
- ▶ Parking citation review and adjudication
- ▶ Campus event parking

Planning & Operations



- ▶ External operations
- ▶ Transportation alternatives
- ▶ Multi-modal transportation planning initiatives

Transportation Alternatives - WolfTrails



WolfTrails

Program supporting alternative transportation options at NC State University

Commuter Alternatives Program

- Faculty/Staff Carpoolers
- Student Carpoolers
- Transit/bike/walk commuters
- Vanpool commuters



Transportation Alternatives - Transit



Operations

- Wolfline
- Regional transit

Programs




- "Go Pass"
- Events





Transportation Alternatives - Bicycling

Bicycling Facilities

On-road Encourage riders to travel with vehicular traffic

- ▶ Bicycle Lanes (partial segments)
- ▶ Share-the-road arrows ('sharrows')
- ▶ Signed bicycle routes

Off-road Encourage separation of riders from vehicles

- ▶ Multi-use paths (accommodate bicycles and pedestrians)
- ▶ Sidepaths (separated facilities for bicycles/pedestrians but located immediately adjacent to roadways)

On-Campus Amenities

- ▶ Showers and clothing lockers
- ▶ Bicycle locker rentals

Transportation Alternatives - Bicycling

Bicycling Programs

WolfWheels

Program administered by University Recreation



CCF Bicycle Loan Program for International Students

Bicycle repair classes at NC State Craft Center

Bicycle Safety

Events

Bicycle Friendly University

Bronze Level Designation in March 2012

Strengths

WolfTrails

Bicycle safety posters and pamphlets

“SmartCommute Challenge” participation

Rubbage Ride

WolfWheels

Bicycle Film Festival



Bicycle Friendly University

Bronze Level Designation in March 2012

Areas for Improvement

- ▶ Establish Bicycle Advisory Committee
- ▶ Expand bicycle coordinator's time devoted to scaling up Bicycle Friendly University efforts
- ▶ Expand bicycle network and increase network connectivity
- ▶ Increase the amount of secure bicycle parking
- ▶ Bus operator outreach



Transportation Alternatives - Walking

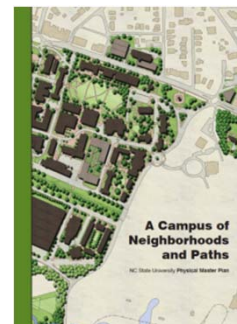
Walking Facilities

On Campus 2007 Physical Master Plan

- ▶ All campus path
- ▶ Connector path
- ▶ Neighborhood path
- ▶ Greenway/Multipurpose path

Off Campus

- ▶ Residential sidewalk network

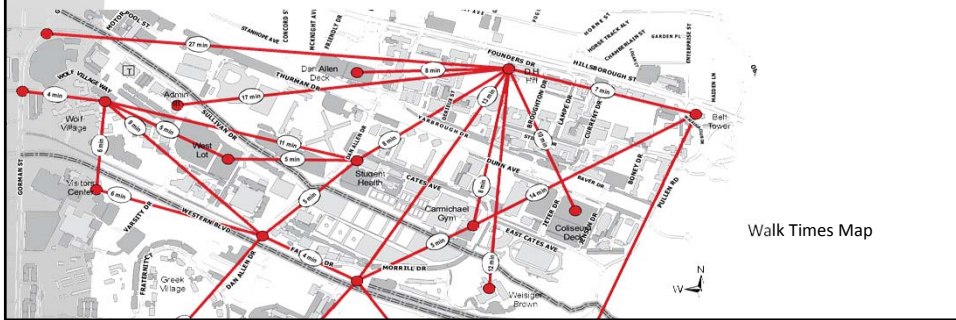


Transportation Alternatives - Walking

Walking Programs

Walk Times Map

Pedestrian health & safety



Transportation Alternatives - Other

Car share & rideshare programs

Zipcar



Zimride



Program collaboration with Triangle Transit

Vanpooling

Flextime and telework

Emergency Ride Home



Future NC State Planning Initiatives

2011 Campus Bicycle & Pedestrian Plan

Planned Bicycle Improvements (City of Raleigh streets)



- On-road bicycle lanes
- Wide outside lanes
- 'Sharrows'



Planned Pedestrian Improvements




- Connection of the Upper and Middle Walnut Creek Greenway Trails through Centennial Campus

Future NC State Planning Initiatives

2011 Campus Bicycle & Pedestrian Plan

Recommended Bicycle Improvements



- Network Improvements
- Ancillary facilities and amenities
 - Bicycle parking improvements
 - Intersection/signal improvements
 - Bicycle stations
 - Wayfinding
 - Shower facilities

Future NC State Planning Initiatives

2011 Campus Bicycle & Pedestrian Plan

Recommended Bicycle Improvements

Programs and Policies

- ▶ Bicycle Ambassador Program
- ▶ Comprehensive campus bicycle map
- ▶ Additional campus programs



Future NC State Planning Initiatives

2011 Campus Bicycle & Pedestrian Plan

Recommended Pedestrian Improvements



- ▶ Pedestrian paths and sidewalks
- ▶ Intersection and crossing improvements

Future NC State Planning Initiatives

2012 Campus Mobility Plan

Background

- ▶ Goal of the plan is to enhance campus mobility

Recommendations

- ▶ Overview
- ▶ Phased recommendations
 - Short-term (1-2 years)
 - Mid-term (3-5 years)
 - Long-term (6-10 years)



Questions, Comments & Discussion

Thank you for your time.

Additional questions may be directed to me at...

Michael Ousdahl
Transportation Planner
NC State University Transportation
919-515-1609
msousdah@ncsu.edu

www.ncsu.edu/transportation
www.ncsu.edu/wolftrails

