



2016-2017

NC STATE TRANSPORTATION

ANNUAL REPORT



PARKING | TRANSIT | ALTERNATIVE TRANSPORTATION

From The Director

Catherine G. Reeve

It is a pleasure to present the 2016-17 NC State Transportation annual report. This report aims to provide information regarding the priorities and challenges of managing campus transportation, as well as highlighting the success of the department over the last academic year. Transportation has had a very productive year with technology upgrade projects, expansion of online services and continued maintenance of facilities.

The slogan "*Moving You To Succeed*" is more than a catchphrase. We have a team of hardworking and dedicated individuals who take great pride in providing stellar service to the campus community.

As we continue to introduce creative and innovative solutions to our most pressing transportation problems, we are also challenged to look ahead for the changing behaviors and breakthrough technology that will influence us in the future. Our responsibility is not only to manage our current parking system, but also to prepare our campus for future transportation needs. Our department remains committed to providing an effective, efficient and sustainable transportation program.

We value input and welcome comments that help us better serve the campus community.

Sincerely,



Catherine G. Reeve



AT @ GLANCE

FACILITIES



- Over 20,000 Parking Spaces
- 9 Parking Decks
- 9 Pay-By-Space Locations
- 2 Gated Paylots
- 2,500+ Signs (in-house sign producing capability; approx. 600 signs per year)
- 3 Traffic Signals

WOLFLINE TRANSIT



- 40 Bus Fleet
- 3.3 M riders per year
- Service Mon- Sun (weekend service connecting libraries)
- 10 daytime routes/ 4 night routes
- RedTerror Service To Athletic Events
- WolfProwl w/connection to City R-Line (Th/Fri/Sat) until 3 am

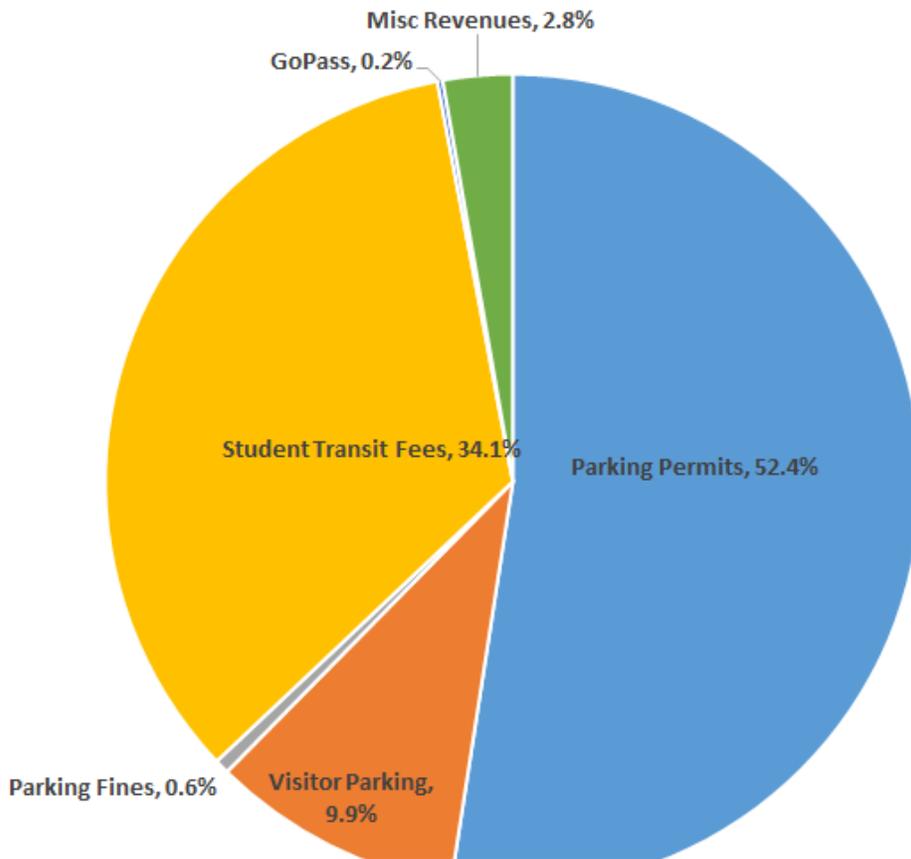
WOLFTRAILS (ALTERNATIVE TRANSPORTATION)



- 180 WolfTrails Participants (walk,bike, bus)
- GoPass (allows students to ride city/regional transit for \$5 annually); faculty/staff pay \$60 annual fee
- Carpool Participants (144 employee/323 students)
- Share The Ride NC - 404 participants
- ZipCar - 1373 participants
- Bike Registrants - 898

MAKING ¢ of the MONEY

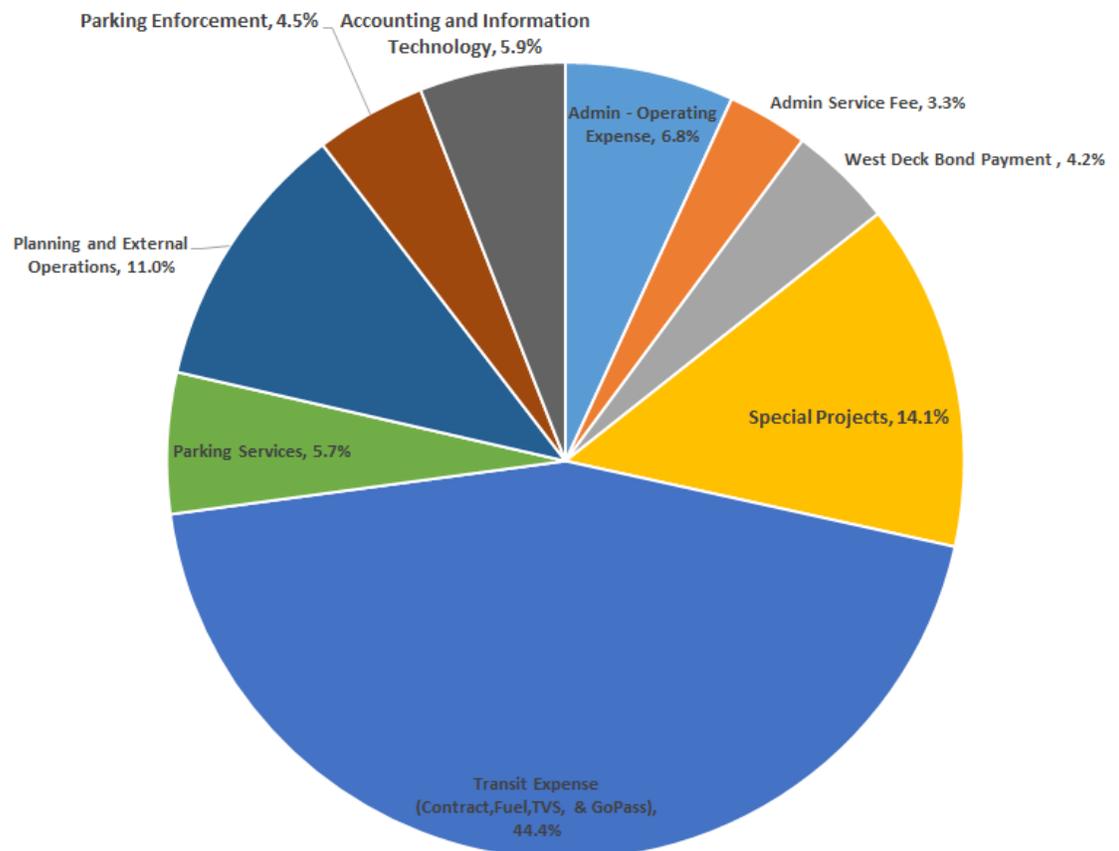
Transportation Revenues FY 16-17



Money is a tool that helps us achieve our vision of a better future. Transportation department receives no funding from the State of North Carolina. Income derived from permit sales, special events and a portion of student fees are used for the administration, maintenance, debt service and continual improvements of parking facilities.

Slight increases in fees are necessary in order to plan for future projects, secure loans and pay of debt. Our fees are determined by projecting operating, maintenance and project needs over a five year period and calculating the revenues needed to fund those efforts. Annually we review the five year projections and adjust as the needs of the campus change. This long range approach helps ensure we have the funds required without imposing sudden and significant annual fee increases on our customers.

Transportation Expenses FY 16-17





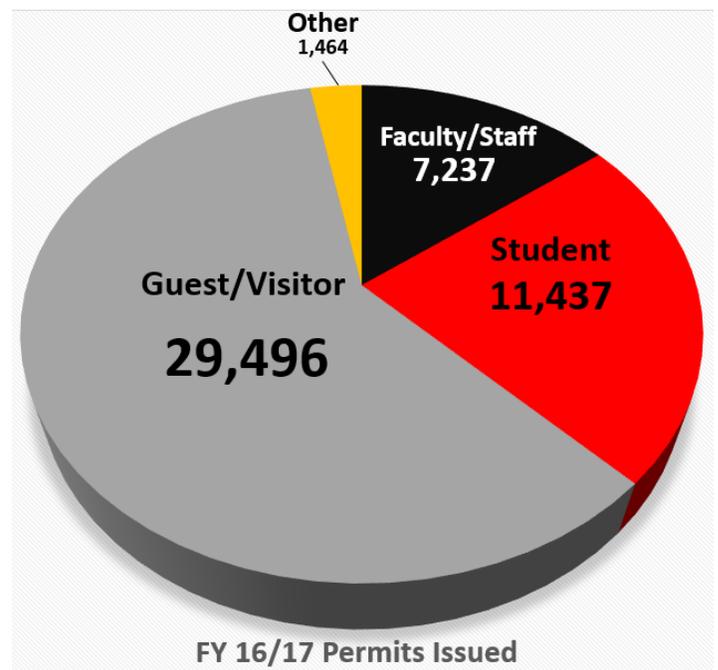
PARKING SERVICES

Imagine all things parking - Parking Services manages just that...all things parking. Over 20,000 parking spaces, 9 parking decks, 9 pay-by-space locations, and 2 gated paylots. From students, to staff and visitors parking operations strives to make all campus visits pleasurable and seamless.

As with most universities, parking demand exceeds parking supply in most areas. We are constantly monitoring usage to protect against selling "hunting" licenses. While we cannot guarantee parking "at the front door" we do strive to ensure reasonably proximate and available parking in assigned zones. Parking permits are required campus wide with some short term parking available in meter spaces and pay lots. We offer special permits for some types of vehicles, accessibility and events.

Parking enforcement of parking policy is used as an educational tool to encourage compliance. Enforcement officers do much more than issue citations. Each officer possess a wealth of information about campus and are able to provide directions and motorist assistance, such as jump starts.

Our parking events staff works with multiple campus departments as well as campus visitors to provide transportation needs for large and small scale events. Transportation assisted with many events over the past year from residential move-in, parent and family weekend, graduation and several political and public events that were held on campus.

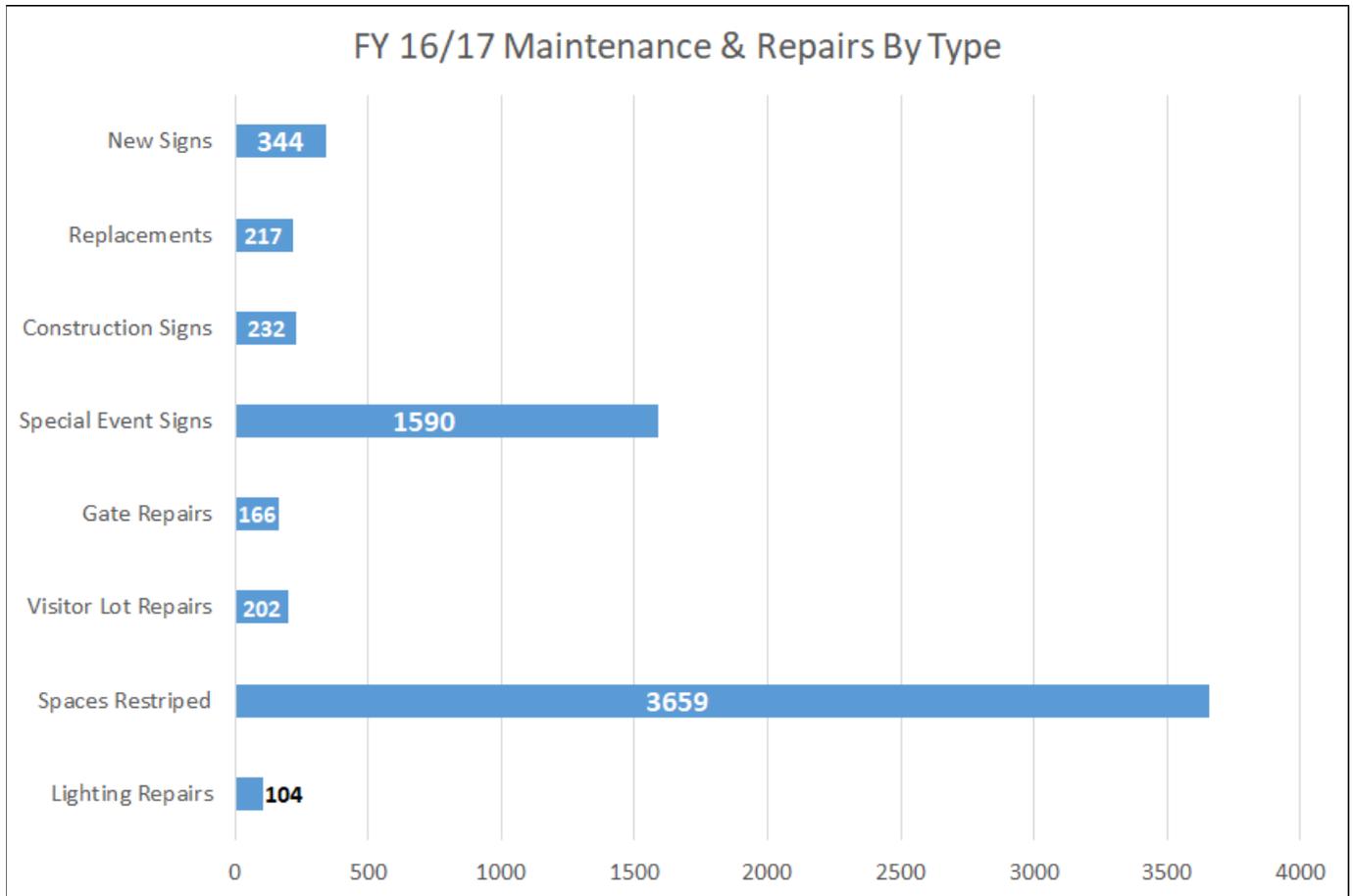


Parking Services also administers over the counter, phone contact and online services. New online processes such as allowing full-time employees to print temporary daily parking passes was introduced this past year. The process eliminates the need for an office visit for employees who may need to drive a different vehicle and only need a pass temporarily.

FACILITIES MAINTENANCE

Facilities Operations is responsible for maintenance and repairs of parking facilities and equipment, manages structural assessment conducted by engineering consultants, maintains lighting, fire and storm systems. Handles serving of gates, pay stations in 10 different locations, and maintenance and repair of bus shelters.

We currently maintain nine parking decks with potential restructuring of current decks. Our decks are on a 5-year engineering assessment which dictates specific maintenance tasks. Many of our decks are aging and will require significant repairs in the coming years. We are currently contracting with a structural engineering firm to conduct visual inspections every year for every deck.



HIGHLIGHTED PROJECTS

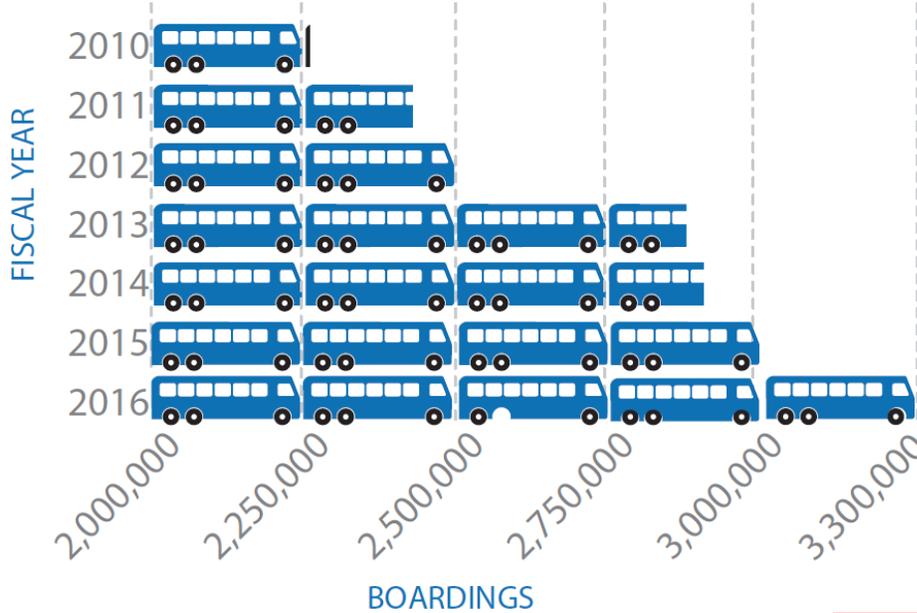
- Campus Gate Replacement - Major technology upgrade to all campus access gates.
- Electric Vehicle Station Technology Upgrade to all ChargePoint hardware.
- Dan Allen Parking Deck Complete Roof Waterproofing.



WOLFLINE TRANSIT

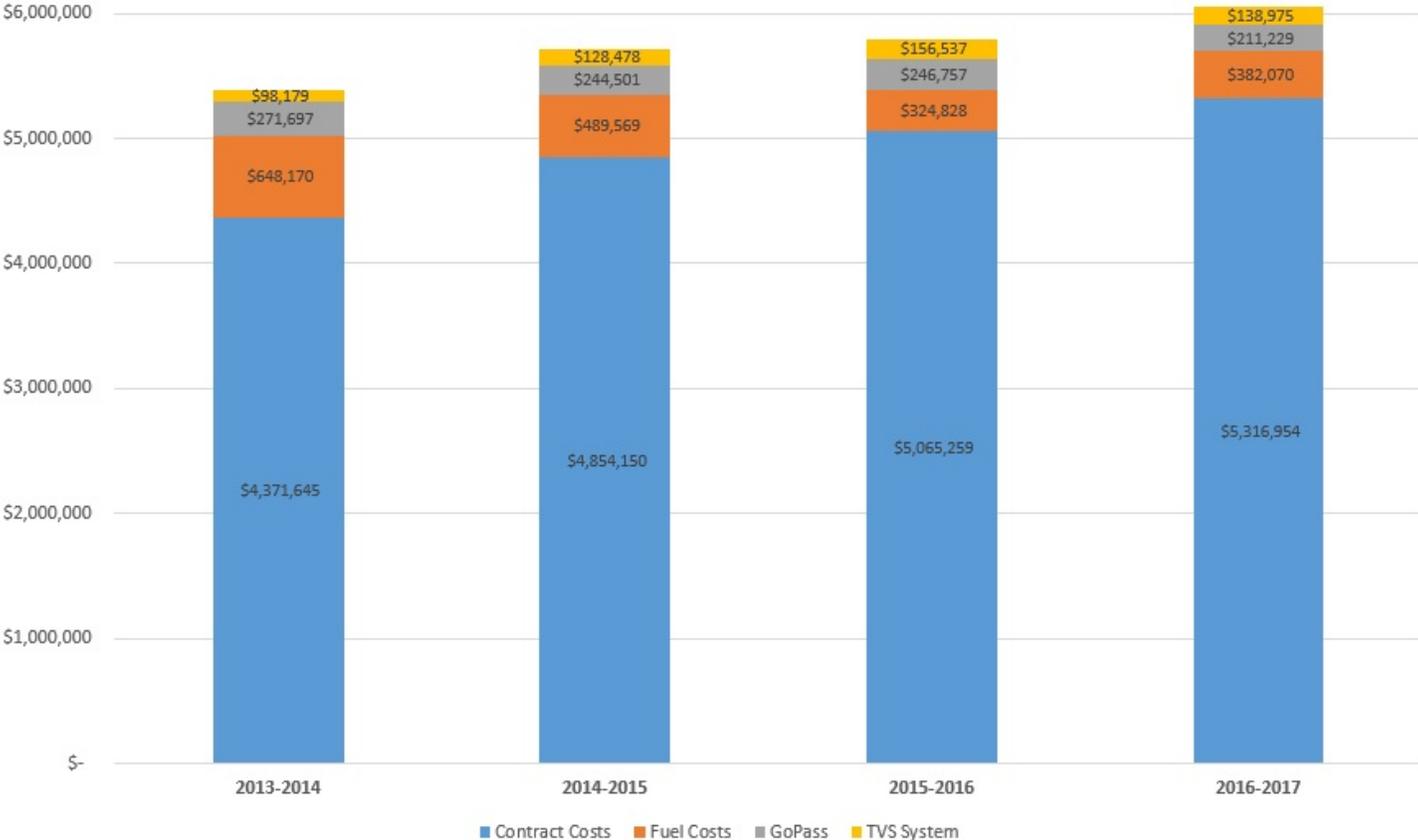
Wofline is NC State's oldest and best recognized alternative means of transportation. The 40 fleet bus system serviced over 3.3 million passengers last year, with ten daytime routes and three evening late night routes (until 3.a.m.), Sat/Sun daytime service connecting the libraries and Saturday Wolf Village/Main campus circulator. Wofline also works as an integral part of NC State's athletic experience as transportation for students/alumni to home football and basketball games on the "Red Terror" line. Wofline's WolfProwl route serves as a Fri/Sat evening downtown entertainment district connector.

WOLFLINE BUS SYSTEM PASSENGER BOARDINGS



Wofline is primarily funded from student transit fees - approx. 70% this year - and a subsidy from the sale of parking permits. Transportation continually explores ways to reduce students' costs. Wofline receives approximately \$350,000 annually due to our being open to the public and reporting ridership numbers to the National Transit Database, which helps to offset student fee requirements.

Wofline Transit System Costs



ALTERNATIVE TRANSPORTATION

WolfTrails

Improving how we get around begins with providing alternatives to driving alone. NC State's Transportation Demand Management Program (TDM) identifies strategies that enhance access to campus by all transportation modes.

The WolfTrails alternative transportation program is the cornerstone of the TDM plan, with a focus of reducing vehicular traffic on campus. WolfTrails provides commuter incentives for employees and students who choose to carpool, vanpool, take transit, telecommute, bike or walk to campus. Participants receive discounted priority parking passes, emergency ride home assistance and additional benefits based on the mode.

Carpool permits are available to full-time students and employees offering not only costs savings, but preferential parking opportunities. Up to 24 free daily parking permits are available for use when carpool members must drive alone. Members are also eligible to purchase up to 24 more daily permits at a discounted rate.

Other services available include Share the Ride NC (ride matching service) which provides carpool partners to both employees and students for commuting and occasional trips. This program is offered at no cost and is funded by a grant from the North Carolina Department of Transportation.

GoPass

The GoPass partnership between NC State, Go Raleigh and Go Triangle (city and regional bus systems) allows participants to ride any city or regional bus anytime for no fare. Students pay a \$5 administrative fee for GoPass and employees pay an annual fee of \$60, which can be payroll deducted. GoPass is a great perk for students who do not bring vehicles to campus and wish to travel to off campus venues. For employees, the marginal cost of the GoPass yields a recognizable benefit in commuting expenses and permit purchase costs. GoPass is a great transportation value- up to \$1,200 in annual transit savings for those who participate.



Alternative Modes of Transportation By The Numbers

- Bike/Walk/Transit: 180
- Student Carpoolers: 323
- Bike Registrants: 898
- ZipCar Members: 1373
- Employee Carpoolers: 144
- Vanpool Members: 3
- ShareThe Ride NC Members: 404

BEST
Workplaces
for CommutersSM



NEXT STOP...

LimeBike Bike Share



Fall 2017 a new dockless bike share program will be introduced. LimeBike technology is integrated into smart bikes and smart phone app. There's no kiosk docking station so bikes can be ridden anywhere and parked at any bike rack or designated bike parking area throughout campus.

License Plate Recognition (LPR)

Transportation will begin exploration of becoming a permitless campus utilizing license plate recognition (LPR) technology. LPR is an advanced technology that provides virtual permits through a vehicle's license plate instead of traditional paper permits. The rear license plate on a vehicle is captured by cameras mounted on enforcement vehicles. All plates must be registered to a virtual permit to be found in compliance.



New Wolfline Bus Fleet



Wofline will begin Fall 2017 service with 40 New Flyer low floor, heavy duty transit buses with capacity for 73 riders (seated and standing). New graphics and logo provide a consistent brand and was developed by College of Design students Ryan Williams and Hunter Williams.

NC STATE
UNIVERSITY

Transportation
Moving you to Succeed

**2016 -
2017**

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