2018-2019 Transportation Initiatives
Overview

- **Parking Program**
  - 20K parking spaces, including 9 decks
  - 18.5K employee/student parking permits issued annually
  - 10 hourly visitor lots, including two gated facilities
  - 8 Electric Vehicle charging station locations – 16 chargers.

- **Transportation Alternative Programs**
  - 40-bus *Wolfline* system
    - 10 daytime routes
    - >3.3 M trips annually – an increase of 1M trips in 5 years
  - *GoPass Program* – free trips on *GoRaleigh* & *GoTriangle*
    - >4K issued to employees & students, ~ 60% used each month
    - 330K trips taken annually on local & regional transit systems
  - *Carpool & Vanpool programs*
    - 500+ participants
  - *ZipCar* (carshare) – 4 locations, 8 vehicles and 1,300 members
  - *LimeBike* – 300 bikes & more than 12K registered NC State users
Recent Campus Studies

- **Campus Parking Analysis**
  - Current shortage of > 500 spaces on North Campus
  - Parking policies promote automobile mobility which contributes to shortages because individuals have access to multiple parking areas throughout campus.
  - By 2021 possible parking shortage on Centennial Campus as new buildings come online.

- **Campus Capacity Study**
  - Mobility hierarchy: pedestrian, bikes, buses, vehicles

- **Transportation Masterplan**
  - A five year plan for parking, transit & transportation alternative programs that promotes campus mobility through alternative modes instead of the automobile.
  - Recommendations to improve campus roadway network and circulation.
  - Charrette with campus stakeholders - how to address loss of the original Coliseum Deck
Transportation Strategies

• Parking
  – Modify parking policies to separate campus parking zones. *PARK ONCE. No zone cross parking.*
  – Simplify the permitting process – Virtual Permits/LPR
  – Flexibility, *pay-as-you-go for occasional parkers.*

• Transit/Bike/Pedestrian
  – Align Wolfline with employees’ needs to travel around and between campuses with more direct services
  – Enhance bike and transit amenities throughout campus

• Prepare for future needs
  – Coliseum (Original) Parking Deck – *Its need for replacement is near, but where?*
  – Wolfline transit hubs - Identify best locations.
FY 18/19 Goals

• Parking
  – Expand "park once" to employee areas and offer a permit type option for "cross-zone" travel for those who require. The "U"/"UD" permit already provides cross-zone parking access.
  – Add “C” spaces on Central Campus: convert the Bragaw North lot, East Dunn resident student parking to employee parking.
  – Provide "pay-as-you-go" parking in situations where an annual "permit" is not practical.

• Transit
  – Provide more direct or "express" service between Main Campus and Centennial Campus with the opening of Pullen Road Expansion.
  – Offer a demand/response based evening service between midnight and 3 a.m.
  – Study options for relocating bus stops along Founders Drive & Carmichael

• Bicycle/Pedestrian
  – Add new and expand existing bike rack locations
  – Evaluate opportunities for a bike shop
  – Expand bike share program amenities This spring Limebike delivers an additional 200 bikes - 100 are electric assist - bringing our total to 500 bikes!
License Plate Recognition (LPR)

Image processing technology that will scan license plates to verify credentials.

Benefits
- Ensure space is available for paid parkers
- Real-time accurate inventory control process
- Assist with data driven pricing and operational decision
No Pull-Thru/No Back-In Parking

LPR must have a clear view of license plates. In order to pull thru or back into a space the vehicle must have a front facing license plate.

Transportation offer a front license plate for sell. Purchases can be made online.
Virtual Parking Permits

Starting July 1, 2018 your license plate is your permit!

How to purchase...

• Log into your online parking account.

• Enter your license plate number, make and model of the vehicle(s) and upload a copy of your vehicle registration(s). Accuracy is extremely important!

• Purchase your parking privilege.

• That’s IT! Your plate is your permit!

• Now, just park in your designated area.
Frequently Asked Questions

- **What if I have multiple vehicles?**
  - You may register multiple vehicles on your account, and all will be associated with your assigned parking privilege (permit). Only **one** vehicle associated with a permit can be parked on campus at a time. Once LPR reads one license plate associated to a permit as valid, any subsequent vehicles found on campus will be cited if found parked within four hours of the first vehicle being read.

- **What if I drive a different car, get a new vehicle or license plate?**
  - Your license plate and vehicle information must be current and correct. Visit your parking account to add any new vehicles or update license plate information.

- **What if I have personalized tags or temporary tags?**
  - LPR cannot read special characters. Enter your license plate exactly how it is printed on your state vehicle registration.

- **What if I have a rental/loaner vehicle?**
  - You may add/remove vehicles on the parking accounts at any time, including loaner vehicles. When registering a vehicle for a specific time period, you can add a start/end date of use. When that time period is over, your account will default to your primary vehicle.

- **May I park in any lot now that no hangtags or stickers are required?**
  - All parking privileges remain the same and are based on your virtual permit assignment (employee, student, visitor, etc.)

- **May I allow another person to use my virtual permit?**
  - All permits are, and will continue to be, non-transferrable and may only be used by the individual to whom the permit is assigned.
Questions?

www.ncsu.edu/transportation
The following slides can be used if needed for visuals of parking system zones.
Proposed Parking Zones