AGENDA

WELCOME
Cheryl Stout

5-YEAR PLAN
Cheryl Stout

WEEKNIGHT PARKING COMMITTEE
Cheryl Stout

RECOMMENDED CHARTER & MEETING SCHEDULE
Cheryl Stout

MEMBERSHIP
Cheryl Stout

TRANSPORTATION UPDATE
Than Austin

PARKING UPDATE
Wil Steen

COMMITTEE ITEMS
Round Table
T&P 5-YEAR PLAN

CHERYL STOUT
PLANNING PROCESS

Transportation & Parking partners with broad-based representatives on the Advisory Committee for Transportation and Executive Sponsors to vet 5-Year Plan recommendations.

January – March 2016
- Kimley-Horn Consultants hired and launched 5-Year Plan Process
- Previous 5-Year Plan performance reviewed

April – May 2016
- Public Outreach & Stakeholder Feedback

June – August 2016
- System Evaluation & Strategy Analysis

September 2016
- Initial recommendations to Advisory Committee for Transportation (ACT)

October – November 2016
- ACT members collaborated and reviewed multiple iterations of proposed strategies
- Continued campus outreach to solicit feedback on draft recommendations
- Executive Sponsor review after ACT review

December 2016
- Final 5-Year Plan recommendations revised to reflect feedback from stakeholders
- Continued Stakeholder Outreach

January – February 2017
- Presented final 5-Year Plan recommendations to Executive Sponsors
- Presented to Faculty Council
- Prepare Ordinance changes

March 2017
- Present to the Board of Trustees.
## GROWTH & OBLIGATIONS

<table>
<thead>
<tr>
<th>Obligation</th>
<th>5-Year Total</th>
<th>Average Growth per Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chapel Hill Transit</td>
<td>$7,730,700</td>
<td>$1,546,140/yr</td>
</tr>
<tr>
<td>Regional Transit (Go Triangle, PART, Chatham)</td>
<td>$1,056,837</td>
<td>$211,367/yr</td>
</tr>
<tr>
<td>P2P – TransLoc</td>
<td>$350,000</td>
<td>$70,000/yr</td>
</tr>
<tr>
<td>Inflation on Existing Expenses</td>
<td>$4,179,981</td>
<td>$835,996/yr</td>
</tr>
<tr>
<td>Patient/Visitor Deck Debt Payment</td>
<td>$1,168,000</td>
<td>$233,600/yr</td>
</tr>
<tr>
<td>Total Needed over 5 Years to Meet Growth</td>
<td></td>
<td>$2,897,103/yr</td>
</tr>
<tr>
<td>Growth as Percent of Annual Budget</td>
<td></td>
<td>8%</td>
</tr>
</tbody>
</table>

### Meeting Obligations

- System Enhancements
  - Enhance Customer Service
  - Improve Financial Performance
  - Increase Sustainability

- Revenue Sources
## TIMELINE FOR ENHANCEMENTS

<table>
<thead>
<tr>
<th>System Enhancement</th>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Parking Deck Installations</td>
<td>Rams Head / Cobb</td>
<td>Rams Head / Cobb</td>
<td>Jackson Circle / Business School</td>
<td>Jackson Circle / Business School</td>
<td></td>
</tr>
<tr>
<td>PARCS</td>
<td>Implementation</td>
<td>Implementation</td>
<td>Implementation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bike Share</td>
<td>Implementation</td>
<td>Implementation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TransLoc</td>
<td>Implementation</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Campus Bird</td>
<td>On-going</td>
<td></td>
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</tbody>
</table>

- **LED Update:**
  - Designer selection Oct.-Dec. 2017
  - BOT approval Jan. – Jan. 2018
  - Construction May 2018

- **PARCS Update:**
  - Developed Purchasing Team with T&P, F&A Procurement Services, IT
  - Developed and released Request for Information in Spring 2017 – 6 vendors submitted
  - In-process of developing Request for Purchasing-planning for September release

- **Bike Share Update:**
  - T&P worked with Towns of Carrboro and Chapel Hill to evaluate bike share systems / T&P released Invitation for Bid in April 2017
  - UNC selected Gotcha Bikes in April 2017
  - Preview first bike at Three Zeros Event on Sept. 2017
  - Launch October 25, 2017

- **Transloc**
  - T&P implemented tracking of P2P Express Shuttles in August 2016
  - Currently testing system for On-Demand ADA services
  - Tentative launch for ADA services is November 2017 - Issues exist with log-in feature that have to be resolved before we test with customers

- **Campus Bird**
  - On-going map development for website
Guiding Principles

- Reduce parking subsidy for transit services
- Develop a more equitable balance of the cost of the Transportation and Parking System to all users of the System
- Sufficient funding for Chapel Hill Transit over the 5-year planning period

Stakeholder Feedback for Strategy Development

- Consider night parking fees/permits to help fund system
- No increases on UNC Healthcare patient/visitor rates (Dogwood, ACC, Hospital ADA)
- Minimize increases to: Student Transportation Fees & Daytime Permit Holders
- Adjust lowest parking permit salary scale from $25K to $29K
### RECOMMENDED FUNDING STRATEGY

#### Annual Daytime Permit Increases

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>+1%</td>
<td>+1%</td>
<td>+1%</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

1% = $0.12 to $0.88 / bi-weekly period

#### Department Transportation Fee Increases

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
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<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</table>

#### Student Transportation Fee Increases

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>+$5.44/yr (3.5%)</td>
<td>+$5.64/yr (3.5%)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
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</table>

- Local/Regional component
- Night Parking component
  (Overall rate)

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>+$6 (6)</td>
<td>+$2 (8)</td>
<td>+$2 (10)</td>
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</table>

#### Night Parking – Employee Permit

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>$234-402/yr</td>
<td>$234-402/yr</td>
<td>$234-402/yr</td>
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</table>

#### Night Parking – Visitor Parking

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>-</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
</tbody>
</table>

#### North Campus & Meters Hourly Rate Increases

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>+$0.25/hr</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

(Overall rate)

<table>
<thead>
<tr>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>($1.75/hr)</td>
<td>($1.75/hr)</td>
<td>($1.75/hr)</td>
<td>($1.75/hr)</td>
<td>($1.75/hr)</td>
</tr>
</tbody>
</table>

### Footnotes

1. Parking Permit Wage Scale revises the lowest salary range from $25K to $29K
2. Parking subsidy set at $800K/yr (reduced from $1M in FY16/17)
3. No planned increases to healthcare patient/visitor rates (Dogwood, ACC, Hospital ADA)
# FUNDING STRATEGY UPDATE

<table>
<thead>
<tr>
<th>Strategy</th>
<th>Update</th>
</tr>
</thead>
</table>
| Annual Daytime Permit Increases$^{1,2}$ | 1% = $0.12 to $0.88 / bi-weekly period  
• Incorporated into the 2017-2018 Ordinance |
| Department Transportation Fee Increases$^{3}$ |  
• Memorandum sent to Directors and Department Heads in September 2017 |
| Student Transportation Fee Increases |  
• FY17/18 & FY 18/19 approved 10/14/2016  
• Currently seeking approval for FY19/20, 20/21, 21/22 |
| Weeknight Parking Program |  
• ACT meetings begin early-November  
• Weeknight Parking Working Group begin mid-November 2017 |
| Visitor & Hourly Meter Rates |  
• $1.75 per hourly parking for north campus implemented August 2017 |

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**Footnotes**

1. Parking Permit Wage Scale revises the lowest salary range from $25K to $29K
2. Parking subsidy set at $800K/yr (reduced from $1M in FY16/17)
3. No planned increases to healthcare patient/visitor rates (Dogwood, ACC, Hospital ADA)
WEEKNIGHT PARKING

WORKING GROUP
Increase Visitor Hours: Raleigh Rd, Swain, Morehead, ACC, Hospital, Meters

Employee Weeknight Parking Permits

<table>
<thead>
<tr>
<th>Salary Scale</th>
<th>FY 19/20 Permit Price</th>
<th>FY 20/21 Permit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;$29K</td>
<td>$234 ($9.00/bi-weekly)</td>
<td>$234 ($9.00/bi-weekly)</td>
</tr>
<tr>
<td>$29K - $50K</td>
<td>$258 ($9.91/bi-weekly)</td>
<td>$258 ($9.91/bi-weekly)</td>
</tr>
<tr>
<td>$50K - $100K</td>
<td>$309 ($11.89/bi-weekly)</td>
<td>$309 ($11.89/bi-weekly)</td>
</tr>
<tr>
<td>&gt;$100K</td>
<td>$402 ($15.45/bi-weekly)</td>
<td>$402 ($15.45/bi-weekly)</td>
</tr>
</tbody>
</table>

Student Weeknight Parking Fee

<table>
<thead>
<tr>
<th>Years</th>
<th>FY17/18</th>
<th>FY18/19</th>
<th>FY19/20</th>
<th>FY20/21</th>
<th>FY21/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fees</td>
<td>$0</td>
<td>$0</td>
<td>$6/yr ($3/semester)</td>
<td>$8/yr ($4/semester)</td>
<td>$10/yr ($5/semester)</td>
</tr>
</tbody>
</table>
NEXT STEPS

· WHAT WE KNOW
  · Monday through Friday 5 PM – 7:30 AM
  · Non-zoned parking
  · Daytime and Park & Ride Permits honored at night
  · All undergraduate (excluding first-year) & graduate students eligible
  · Visitor parking hours extended
  · FY 2019/2020 Launch

· ISSUES & DISCUSSION

· NIGHT SAFETY/LATE NIGHT TRANSPORTATION
CHARTER & SCHEDULE
PROPOSED SCHEDULE

- ADVISORY COMMITTEE ON TRANSPORTATION & PARKING
  - December 20 (if needed)
  - February 21
  - April 18

- WEEKNIGHT PARKING WORKING GROUP
  - November 15
  - January 17
  - March 21
  - May 16 (if needed)
TRANSPORTATION PLANNING

- LIGHT RAIL PROJECT
  - Connects UNC to Durham
  - Opens in 2028
  - $2.5 billion project

- BUS RAPID TRANSIT
  - Connects Eubanks and Southern Village park-and-ride lots
  - Opens in 2022
  - $100 million project

- SHORT RANGE TRANSIT PLAN

- CHT ROUTE SYSTEM EVALUATION STUDY
POINT TO POINT (P2P)

- New fleet (2016-2017)
- Transloc Projects
  - Real time bus information (P2P Express)
  - New on-demand reservation/dispatch app
BIKE SHARE
Hub Locations
NEXT STEPS

Timeline

• September 25th (1 bike for Three Zeroes Event)
• October 17th: All bikes – soft launch
• October 25th: Ribbon Cutting
• As of 10/31/2017: over 950 users

<table>
<thead>
<tr>
<th>Membership</th>
<th>Rate</th>
<th>Usage</th>
<th>Overage Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Annual Lifestyle</td>
<td>$30 annually</td>
<td>Daily &lt; 2 hours/day free, 60 min hold time</td>
<td>$4/hour up to $24 max +$30 if kept after 24 hrs</td>
</tr>
<tr>
<td>Non-Members</td>
<td>$0</td>
<td>Daily &lt; 1 hour/day free, 30 min hold time</td>
<td>Daily: $6/hour up to $24 max + $30 if kept after 24 hrs</td>
</tr>
</tbody>
</table>
HOW IT WORKS

1. **Reserve**
   Book a Bike
   Find and reserve a bike using our mobile app, on the web at app.socialbicycles.com or at the bike using its keypad.

2. **Release**
   Unlock a Bike
   Once you’ve reserved a ride, just enter your 4-digit PIN code on the keypad to unlock the bike. Remember to ride safely and follow safety rules.

3. **Ride**
   Enjoy Your Time
   Want to stop for coffee? Press the “HOLD” button and lock the bike to a rack. Just enter your 4-digit PIN to unlock and continue riding.

4. **Return**
   Quick and Easy
   To end your trip, just lock your bike at one of our convenient hub locations.
METER PERFORMANCE

- Solar-powered
- Multiple payment methods: Cash, Credit, Pay-by-Phone
- Average monthly percent increase FY16 vs FY17: 95%
- 86% of Revenue is credit
LED

LED Lights

• Increases visibility and after hours safety
• Reduces electrical costs due to longer lifespan
• Less energy use

• Four additional decks over the next four years.
• Board of Trustees approval expected in January, 2018, with construction starting in May, 2018.
• Lighting Design Selection
Parking Access Revenue Control System

- Improves customer service by providing real time information about parking availability.
- Improves system reliability which lowers operating costs
- Aligns with UNC sustainability goals due to less vehicle idling.

- $5 to $6 million project, expected to take 2-3 years.
- Will impact all areas of parking, from Pay Operations and Parking Control to Events and Registration.
- Vendor should be selected in the next few months, there are multiple companies who say they can provide what we need.
- Request for Proposal (RFP) in progress.
PARKMOBILE, Pay by Phone App

- Improves customer service since it’s much easier to pay for and extend parking from anywhere on campus.
- Will likely be a key component of weeknight parking plan.
- Went live in August, 2017