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
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>$2,897,103</td>
<td></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>
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<tr>
<td>Bike Share</td>
<td>Implementation</td>
<td></td>
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<tr>
<td>TransLoc</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Campus Bird</td>
<td>On-going</td>
<td></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**

<table>
<thead>
<tr>
<th></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><strong>Annual Daytime Permit Increases</strong>&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>+1%</td>
<td>+1%</td>
<td>+1%</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>1% = $0.12 to $0.88 / bi-weekly period</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Department Transportation Fee Increases</strong>&lt;sup&gt;3&lt;/sup&gt;</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Student Transportation Fee Increases</strong>&lt;sup&gt;3&lt;/sup&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Local/Regional component</td>
<td>+$5.44/yr (3.5%)</td>
<td>+$6.64/yr (3.5%)</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Night Parking component (Overall rate)</td>
<td>-</td>
<td>-</td>
<td>+$6</td>
<td>+$2</td>
<td>+$2</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>($6)</td>
<td>($8)</td>
<td>($10)</td>
</tr>
<tr>
<td><strong>Night Parking – Employee Permit</strong></td>
<td>-</td>
<td>-</td>
<td>$234-402/yr</td>
<td>$234-402/yr</td>
<td>$234-402/yr</td>
</tr>
<tr>
<td><strong>Night Parking – Visitor Parking</strong>&lt;sup&gt;4&lt;/sup&gt;</td>
<td>-</td>
<td>-</td>
<td>Y</td>
<td>Y</td>
<td>Y</td>
</tr>
<tr>
<td><strong>North Campus &amp; Meters Hourly Rate Increases</strong>&lt;sup&gt;5&lt;/sup&gt; (Overall rate)</td>
<td>+$0.25/hr</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<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>
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</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>
<tbody>
<tr>
<td>Annual Daytime Permit Increases&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>- 1% = $0.12 to $0.88 / bi-weekly period</td>
</tr>
<tr>
<td></td>
<td>- Incorporated into the 2017-2018 Ordinance</td>
</tr>
<tr>
<td>Department Transportation Fee Increases&lt;sup&gt;3&lt;/sup&gt;</td>
<td>- Memorandum sent to Directors and Department Heads in September 2017</td>
</tr>
<tr>
<td>Student Transportation Fee Increases</td>
<td>- FY17/18 &amp; FY 18/19 approved 10/14/2016</td>
</tr>
<tr>
<td></td>
<td>- Currently seeking approval for FY19/20, 20/21, 21/22</td>
</tr>
<tr>
<td>Weeknight Parking Program</td>
<td>- ACT meetings begin early-November</td>
</tr>
<tr>
<td>Visitor &amp; Hourly Meter Rates</td>
<td>- Weeknight Parking Working Group begin mid-November 2017</td>
</tr>
<tr>
<td></td>
<td>- $1.75 per hourly parking for north campus implemented August 2017</td>
</tr>
</tbody>
</table>

**Footnotes**

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3. No planned increases to healthcare patient/visitor rates (Dogwood, ACC, Hospital ADA)
WEEKNIGHT PARKING PROGRAM – PERMIT & FEES

- 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></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
PARCS

- 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

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