Transportation Policy Committee

April 15, 2014

University Transportation Services

Comparative Parking Permit Analysis
Commuter Student Permit Pricing

Average Annual Increase: 10%
Average Permit Price: $144
UNH 7-year Increase: 0%
UNH Permit Price: $50
Campus Resident Permit Pricing

- Average Annual Increase: 10%
- Average Permit Price: $249
- UNH 7-year Increase: 0%
- UNH Permit Price: $275
Faculty/Staff Permit Pricing

Average Annual Increase: 5%
Average Permit Price: $167
UNH 7-year Increase: 0%
UNH Permit Price: $50
“LOVE the third option”

“Of these 3 options, the last seems most tenable. I would be willing to pay the equivalent of the student fee if it included the $50.00 parking permit fee.”

“Would like to see it continue to be a staff benefit.”

“I'm not so concerned with price -- assuming it doesn't get much higher than the $119 that students are charged -- but it does like there could be some way to connect it with the parking fee.”
## Transportation Equipment

### FY '15 Expenditures

1. ElDorado EZ-Rider II 35' B20
   - Pay & Display: $423,094
2. ElDorado EZ-Rider II 35' CNG
   - Evergreen Drive Loading Docks: $1,366,791
   - Stoke Hall Loading Docks: $40,000
3. Minivan Access Vehicle (CNG)
   - Pay & Display: $64,000

**Total UTS Funds**: $487,094

**Total IFB Loan**: $2,025,828

**Total Expenditure**: $1,853,885

### FY '16 Expenditures

5. ElDorado AeroTech 25' CNG
   - Evergreen Drive Loading Docks: $314,213
   - Field House Meters: $66,130
   - Field House East Lot: $54,460
   - Runaround CNG Sedan: $30,000

**Total UNH Funds**: $130,070

**Total Expenditure**: $545,351

### FY '17 Expenditures

1. ElDorado AeroLite 22' CNG
   - Proposed Federal Funding: $331,213
   - UNH Matching Funds (20%): $78,553

**Total UNH Funds**: $130,070

**Total Expenditure**: $545,351

### FY '18 Expenditures

8. ElDorado EZ-Rider II B20 35'
   - Proposed Federal Funding: $3,148,800
   - UNH Matching Funds: $787,200

**Total UNH Funds**: $3,936,000

**Total Expenditure**: $3,936,000

### FY '19 Expenditures

No planned expenditures

---

## Parking Department

### FY '15 Expenditures

1. Pay & Display: $150,000
2. Evergreen Drive Loading Docks: $75,540
3. Stoke Hall Loading Docks: $50,360
4. CNG Sedan: $26,000

**Total UNH Funds**: $301,900

### FY '16 Expenditures

1. Pay & Display: $150,000
2. Field House Meters: $66,130
3. Field House East Lot: $54,460
4. Leavitt Lane Replacement: $136,308
5. CNG Sedan: $27,000
6. Runaround CNG Sedan: $30,000

**Total UNH Funds**: $500,028

### FY '17 Expenditures

1. Lot B Replacement: $300,000
2. Mast Road Parking Lots: $262,900

**Total UNH Funds**: $562,900

### FY '18 Expenditures

No planned expenditures

### FY '19 Expenditures

No planned expenditures

---

## Garage Equipment

### FY '15 Expenditures

1. Portable Lift Set: $40,000

**Total UNH Funds**: $40,000

### FY '16 Expenditures

1. Automotive Lift: $9,500

**Total UNH Funds**: $9,500

### FY '17 Expenditures

No planned expenditures

### FY '18 Expenditures

No planned expenditures

### FY '19 Expenditures

No planned expenditures

---

**Projects previously eliminated that could be restored with revenue from parking permit increase**

---

## UTS Capital Expenditure Forecast

- Transportation Equipment
- Parking Department
- Garage Equipment

---

**University of New Hampshire**
Transportation Policy Committee

University Transportation Services
New Topics, Proposals & Updates
Real Time Transit Project Update

- Go-live September ‘13
- Final system configuration currently 90% complete
- 462,575 total system hits
- 1,899,567 mobile app clicks
# Study Shuttle Ridership Report

Total Ridership for 30 service days (360 loops)

<table>
<thead>
<tr>
<th>Campus Stop</th>
<th>Total Boardings</th>
<th>Passenger Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Woodside Apartments</td>
<td>15</td>
<td>159.5</td>
</tr>
<tr>
<td>Main Street @ Thompson Hall</td>
<td>93</td>
<td>181.2</td>
</tr>
<tr>
<td>Quad Way @ Holloway Commons/MUB</td>
<td>57</td>
<td>140</td>
</tr>
<tr>
<td>McConnell Hall</td>
<td>45</td>
<td>155.6</td>
</tr>
<tr>
<td>Mitchell Way Stop Sign</td>
<td>55</td>
<td>147.1</td>
</tr>
<tr>
<td>Kingsbury Hall</td>
<td>62</td>
<td>144.5</td>
</tr>
<tr>
<td>Hewitt Hall</td>
<td>4</td>
<td>181.9</td>
</tr>
<tr>
<td>Whittemore Center @ Depot Street</td>
<td>56</td>
<td>256.5</td>
</tr>
<tr>
<td>Lot ‐ A, Section 2</td>
<td>12</td>
<td>71.4</td>
</tr>
<tr>
<td>Lot ‐ A, Section 4</td>
<td>44</td>
<td>197.9</td>
</tr>
<tr>
<td>Gables Apartments</td>
<td>78</td>
<td>108.6</td>
</tr>
<tr>
<td>Visitor Information Center</td>
<td>20</td>
<td>142.6</td>
</tr>
<tr>
<td>Mast Road @ North Drive</td>
<td>65</td>
<td>194.5</td>
</tr>
<tr>
<td>UNH Fieldhouse</td>
<td>17</td>
<td>182.6</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>623</strong></td>
<td><strong>2263.9</strong></td>
</tr>
</tbody>
</table>

Average Riders Per Loop = 2

Service Days            30
Loops per Day           12
Total Service Loops     360
Total Ridership         623
Passenger Miles Travelled 2,264
Total Estimated Cost    $5,454
Cost Per Mile           $4.17
Cost Per Passenger Mile $2.41
Total Cost Per Rider    $8.75
Pay & Display Project Update

- Vendor Information Sessions Completed
- Currently defining project scope
- April RFP Release
- Summer Installation
- Fall ‘14 go-live
Rochester Express Ridership Activity

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5:40 AM</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>6:40 AM</td>
<td>11</td>
<td>10</td>
<td>11</td>
<td>7</td>
<td>9</td>
<td>9</td>
<td>10</td>
<td>15</td>
<td>15</td>
<td>13</td>
<td>12</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>3</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>12:05 PM</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>3</td>
<td>4</td>
<td>3</td>
<td>2</td>
</tr>
<tr>
<td>3:35 PM</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>3</td>
<td>3</td>
<td>4</td>
<td>7</td>
<td>8</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>4:35 PM</td>
<td>5</td>
<td>10</td>
<td>11</td>
<td>8</td>
<td>8</td>
<td>6</td>
<td>7</td>
<td>11</td>
<td>10</td>
<td>11</td>
<td>8</td>
</tr>
<tr>
<td>6:05 PM</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>8</td>
<td>4</td>
<td>3</td>
</tr>
<tr>
<td>Riders Per Day</td>
<td>23</td>
<td>29</td>
<td>37</td>
<td>26</td>
<td>25</td>
<td>23</td>
<td>28</td>
<td>44</td>
<td>50</td>
<td>42</td>
<td>32</td>
</tr>
</tbody>
</table>

Total Riders 7,389
Estimated Passenger Miles 101,704
Rochester Express Key Statistics

Operating Costs:

- Labor $54,156
- Fuel $19,635
- Maintenance $23,318
- Insurance $1,646
- Supplies $10,489
- Total $109,244

Fares Generated: $1,032

- Cost Per Mile $2.05
- Cost Per Passenger Mile $1.06
- UNH Cost Per Rider (20%) $2.93
- Total Cost Per Rider $14.65

February – December 2013
Fleet Replacement Phase V

- 100% UNH Funded
- $1,780,922 total
- 3 CNG, 1 BioDiesel
- Delivery Goal
  September 2014
Passenger Survey – April 2014

- 2-week online survey
- Passenger focused
- On-board instructions
- Online Survey Tool

www.unh.edu/transportation/survey
Campus Planning Update
FTA Livable Communities Projects

Transit Center Study

Main St West – Bus Pullouts & Pathways

Morse Circle Bike Pods
ArtBike Racks
Summer 2014

• Functional sculptures designed and created by UNH artists in the UNH sculpture/metalwork studio and competitively selected

• Four unique designs at four installation sites (Conant Courtyard, PCAC, Murkland Courtyard and Morse Circle)

• Funded by UNH Art Dept, COLA in a collaborative project with the UNH Aesthetics Committee Campus Planning is facilitating install

• Installation this summer