Campus Master Plan Update

Visit 2: Assessment Review

University of Connecticut
Analysis Summary
- Vehicular Circulation: Entering Campus
Analysis Summary
- Pedestrian Movement: The Conflicts
Analysis Summary
- Pedestrian Movement: Desire Lines
Analysis Summary
- Land Use and Development Potential
Parking & Transportation Issues
Parking
## Existing Parking Inventory

<table>
<thead>
<tr>
<th>Area</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Area 1</td>
<td>653</td>
</tr>
<tr>
<td>North Garage</td>
<td>1,027</td>
</tr>
<tr>
<td>South Garage</td>
<td>1,500</td>
</tr>
<tr>
<td>Meters</td>
<td>101</td>
</tr>
<tr>
<td>Area 2</td>
<td>2,345</td>
</tr>
<tr>
<td>Student/Area 3</td>
<td>4,570</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>10,196</td>
</tr>
</tbody>
</table>
Employee Parking Inventory and Locations
Student Parking Inventory and Locations
Peak Occupancy
Parking Activity Surveys

- **Glenbrook Metered Lot** – surveyed from 8:00 a.m. through 12:20 p.m.,
  Tuesday, 29 April through Thursday, 1 May 2003 (at 1:05 hour intervals)

  - Fourteen Two-Hour Meters (east side of lot)
    - Excessive Occupancy (98%) but High Turnover - 173% of expected rate
    - Average Stay – 1.4 hours
    - 10% Violation Rate – slightly higher than norm (5% - 7%)
    - Capture Rate – slightly less than desired, at 19% (33% - 40% norm)
    - Overtime Parking occurred 10% of the time (eight instances) – all less than
      four hours (4 CS permits, 4 no decal)
    - Indication: Consider shorter time limit (90 minutes?)

  - Twelve 45-Minute Meters (west side of lot)
    - Normal Occupancy (91%) but Low Turnover – 52% of expected
    - Average Stay – 1.4 hours
    - 30% Violation Rate is Excessive
    - High Capture Rate – 44%
    - Overtime Parking occurred 38% of the time (16 separate instances) – but only four
      times above two hours (1 GA, 3 no decal)
    - Indication: Consider longer parking time limit (90 minutes?)
Parking Activity Surveys

- **Wilbur Cross Permit Lot** – surveyed from 8:00 a.m. through 12:20 p.m., Tuesday, 29 April through Thursday, 1 May 2003 (1:05 hour intervals)

- Fourteen Permit Spaces (both sides of lot)
  - High to Excessive Occupancy (96%)
  - Average Stay – 3.2 hours
  - 12% Violation Rate – well above norm (5% - 7%)
  - 6% Capture Rate – well below norm of 33% - 40%
  - 1 ticket versus 17 unique violations
  - About half of vehicles in violation had NO DECAL (eight of 17 vehicles)
  - Remainder of vehicles in violation consisted of:
    - 4 - Service Permits
    - 4 - Faculty/Staff #2 Permits
    - 1 - Commuter Student Permit
  - Indication: Increase enforcement coverage
Parking Services Organization

Vice Chancellor
Business & Administration

Parking Services Manager

Financial Assistant *

Administrative Specialist II

Systems Analyst *

Administrative Specialist I

Part-Time Staff (4-6, seasonal)

Secretary *
Transportation Services Organization

Vice Chancellor
Business & Administration

Transportation Services Administrator

Bus Drivers
(2 Full-Time)

Student Asst.
Manager, AVS and Charter

Student AVS
Dispatchers and Drivers (20)

Student Asst.
Manager, Car Rental

Student Rental
Car Dispatchers/
Car Washers
(10)

Student Asst.
Manager, Preventive
Maintenance

Preventive Maint. Workers/
Bus Washers
(included in 62
Bus Drivers)

Student Asst.
Manager, Shuttle Ops. and Safety

Student Driver/
Dispatchers and Bus Drivers (62)

Temporary University
Drivers (11 during
Academic Year)

Full-Time
Part-Time
Student Workers
Campus Transit
Bus Shelters
Ridership has increased **7 %** this year
**1.3 million passengers in FY 2002**

**Weekly counts of riders:**

<table>
<thead>
<tr>
<th>Location</th>
<th>Board</th>
<th>Alight</th>
</tr>
</thead>
<tbody>
<tr>
<td>West Lot / Towers</td>
<td>8,486</td>
<td>6,535</td>
</tr>
<tr>
<td>I Lot / Hilltop</td>
<td>6,446</td>
<td>6,168</td>
</tr>
<tr>
<td>F Lot/ Campus Shuttle</td>
<td>4,342</td>
<td>4,204</td>
</tr>
<tr>
<td>Night Campus</td>
<td>671</td>
<td>708</td>
</tr>
<tr>
<td>Apartment Shuttle</td>
<td>1,541</td>
<td>1,483</td>
</tr>
<tr>
<td><strong>TOTALS:</strong></td>
<td><strong>21,486</strong></td>
<td><strong>19,098</strong></td>
</tr>
</tbody>
</table>
Transportation Budget

- Transit Fee: 43%
- Parking Department: 56%
- Other Revenue: 1%

Campus Master Plan Update
## Transit Fee Comparisons

### Transit Fee Ranking

(Schools in Similar Climate)

<table>
<thead>
<tr>
<th>University of Massachusetts, SUNY</th>
<th>Enrollment</th>
<th>FY 2002 Frequency</th>
<th>Annual Cost</th>
<th>Percent of Transit Budget</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stony Brook University, SUNY</strong></td>
<td>20,854</td>
<td>$40.00 Semester</td>
<td>$80.00</td>
<td></td>
</tr>
<tr>
<td><strong>University of Pittsburgh</strong></td>
<td>26,329</td>
<td>$37.00 Semester</td>
<td>$74.00</td>
<td></td>
</tr>
<tr>
<td><strong>Marquette University</strong></td>
<td>10,892</td>
<td>$32.00 Semester</td>
<td>$64.00</td>
<td>174%</td>
</tr>
<tr>
<td><strong>University of Wisconsin, Milwaukee</strong></td>
<td>23,000</td>
<td>$32.00 Semester</td>
<td>$64.00</td>
<td>118%</td>
</tr>
<tr>
<td><strong>University of Vermont</strong></td>
<td>8,903</td>
<td>$28.00 Semester</td>
<td>$56.00</td>
<td></td>
</tr>
<tr>
<td><strong>University of Wisconsin, Madison</strong></td>
<td>41,219</td>
<td>$20.00 Semester</td>
<td>$40.00</td>
<td>137%</td>
</tr>
<tr>
<td><strong>University of Connecticut</strong></td>
<td>17,593</td>
<td>$15.00 Semester</td>
<td>$30.00</td>
<td>42%</td>
</tr>
<tr>
<td><strong>The Ohio State University</strong></td>
<td>55,115</td>
<td>$9.00 Per quarter</td>
<td>$28.00</td>
<td>141%</td>
</tr>
<tr>
<td><strong>Appalachian State University</strong></td>
<td>12,499</td>
<td>$27.50 Annual</td>
<td>$27.50</td>
<td>136%</td>
</tr>
<tr>
<td><strong>University of Massachusetts</strong></td>
<td>22,445</td>
<td>$13.00 Semester</td>
<td>$26.00</td>
<td>60%</td>
</tr>
<tr>
<td><strong>Colorado State University</strong></td>
<td>22,782</td>
<td>$12.00 Semester</td>
<td>$24.00</td>
<td>145%</td>
</tr>
<tr>
<td><strong>AVERAGES</strong></td>
<td>23,784</td>
<td></td>
<td>$46.68</td>
<td>120%</td>
</tr>
</tbody>
</table>

**NOTES:** University of Massachusetts transit is subsidized by Pioneer Valley Transit Authority. Transit at Colorado State University is operated by Boulder Transit.
Issues and Upcoming Analysis

- Low occupancy in both garages, and reasons
- Definition of actual campus parking demand (now and in future) and comparison with parking supply
- Pros and cons of North Eagleville on-street parking, considering other campus changes
- Review of pedestrian patterns in relationship to parking
- Detailed budget review
- Organizational structure and staffing of Parking Services and Transportation Services
- Potential for increased transit need
- Wayfinding for visitor parking
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