Stony Brook University
Transportation & Parking Overview
Fall 2011

Wednesday, November 16, 2011
James O’Connor, SBU Director, Transportation & Parking Operations
Stony Brook University
Division of Facilities & Services
Department of Transportation & Parking Operations

• Environmental Stewardship
• SBU Transit
• Parking Operations (including Garages)
• Vehicle Fleet Management
• University Signage
• Central Stores Warehouse Operations
• Recycling & Resource Management
# Budget Overview

- **Transportation Fee (as of 11/15/11):**

<table>
<thead>
<tr>
<th></th>
<th>ACTUAL FY10/11</th>
<th>PROPOSED FY11/12</th>
<th>PROPOSED FY12/13</th>
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</thead>
<tbody>
<tr>
<td><strong>REVENUES</strong></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>PRIOR YEAR CASH</td>
<td>1,265,594</td>
<td>156,153</td>
<td>-1,434,030</td>
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<tr>
<td>REVENUE</td>
<td>4,492,253</td>
<td>4,485,564</td>
<td>4,485,564</td>
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<td><strong>EXPENSES</strong></td>
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<td>PSR</td>
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<td>OTPS</td>
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<tr>
<td><strong>TOTAL OTPS</strong></td>
<td>2,556,191</td>
<td>3,100,038</td>
<td>982,881</td>
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<tr>
<td><strong>TOTAL EXPENSES (PSR &amp; OTPS)</strong></td>
<td>5,601,694</td>
<td>6,075,747</td>
<td>4,066,309</td>
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<td><strong>PROJECTED ENDING CASH</strong></td>
<td>156,153</td>
<td>-1,434,030</td>
<td>-1,014,775</td>
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</tbody>
</table>
SBU Transit Service Update
Fall 2011

- SBU Transit Service Feedback
  - Rear Exit Doors Usage
  - Transit Bus Capacities (Seated & Standees)

- Express Route (Mondays–Thursdays)
  - 9:00am–10:00am: 6th Bus
  - 6:00pm–8:00pm: 6th Bus

- Hospital/Chapin Route (Mondays–Thursdays)
  - 9:30am–11:30am: 3rd Bus

- Mall Route – East Campus (Saturdays)
- Shopping – East Campus (Sundays)
Transportation Demand Management
Student/Faculty/Staff Collaborations

SBU SMART TRANSIT
INFORMATION SYSTEM

Facilities & Services
At Stony Brook University
Transportation Demand Management
Student/Faculty/Staff Collaborations

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Electricity Generating Shock Absorber
Transportation Demand Management
Student/Faculty/Staff Collaborations

Electricity Generating Shock Absorber
Transportation Demand Management
Sustainability Initiatives

Clean Air Hybrid Vehicle – Gasoline Hybrid Shuttle (SH–3)
Transportation Demand Management
Sustainability Initiatives

Clean Air Hybrid Vehicle – Plug-In Hybrid Electric Bus (#64)
Transportation Demand Management
Sustainability Initiatives

SBU TRANSIT
TRAVEL WITH THE PACK

Clean Air Hybrid Vehicle – Diesel Hybrid Shuttle (SH–5)
Transportation Demand Management
Sustainability Initiatives

Alternative Fuel Vehicle – Vegetable Oil Powered Bus “The Kernel”
Transportation Demand Management
Sustainability Initiatives

Clean Air Hybrid Vehicles – Gasoline Hybrid Sedans
Transportation Demand Management
Sustainability Initiatives

Campus Bike Share Program

- Accessibility to SBU’s Bike Network
- Goal to Reduce Need for Vehicles On Campus
- Program Helps Minimize Carbon Footprint & Increase Sustainability
Transportation Demand Management
Sustainability Initiatives

Solar Powered Bus Shelter Lighting
Transportation Demand Management
Sustainability Initiatives

• SBU Transit
  • Fall 2011
    • South P Lot – Wolfie’s Hut, Biking & Parking Lot
Transportation Demand Management
Sustainability Initiatives

- SBU Parking
  - Late Fall 2011
    - New Metered Lot Pay Stations
      - Accepts coins, cash, credit/debit
      - Solar powered
    - Replaces all existing pay station machines
    - Replaces all existing individual meters
    - Reduced “downtime”
  
- Spring 2012
  - Heavy Engineering Premium Lot (Brown Zone)
    - Changing to a metered lot
    - Increased accessibility for visitors & students
Transportation Demand Management  
Sustainability Initiatives  

SBU TRANSIT  
TRAVEL WITH THE PACK  

Clean Diesel EPA 2010 Emissions Vehicles  
Ten, 2011/12 Thomas Buses
Transportation Demand Management
Sustainability Initiatives

Future Projects

• Clean Air Hybrid Vehicles
  • (1) New Gasoline Hybrid Shuttle
  • (1) Diesel Hybrid Bus
  • Additional Gasoline and/or Plug–In Hybrid Sedans (Toyota Prius)
  • Hybridize and/or Electrify Additional SBU Fleet Vehicles (425 Vehicles in Total)
Transportation Demand Management
Sustainability Initiatives

Future Projects

• Further Deployment of Electric Vehicle Charging Stations
  • 16,000+ Parking Spaces on East / West Campuses
  • AERTC Currently Equipped w/Stations

• Continued Fuel Reduction Initiatives
  • SBU Transit
  • Parking Operations
  • Recycling & Resource Management

• Student / Faculty / Staff Collaborations
  • Alternative Fuel Vehicle(s)
Questions & Feedback

• Overall Goals
  • Continued facilities & services improvements
  • Creating staffing & operations efficiencies
  • Focus on environmental sustainability

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