Vehicle Management

Responsibilities:
The primary responsibility of Vehicle Management is to meet the transportation needs of the University of South Carolina. These needs include acquisition, issuance, and maintenance of all state owned vehicles assigned to the University. Parking Services is responsible for the registration of all vehicles parked on campus and the implementation of all policies and regulations governing parking on campus.

Contact Personnel:
Derrick Huggins is the Director of Parking; Chris Howard is the Assistant Director of Vehicle Management; and C. Marc Johnson is an Administrative Assistant.
Chris Howard - 777-9345 - choward@sc.edu

Number of Employees at Vehicle Management and Parking Services:

<table>
<thead>
<tr>
<th>Department</th>
<th>Full-time</th>
<th>Part-time/student</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vehicle Management</td>
<td>10</td>
<td>22</td>
</tr>
<tr>
<td>Parking Services</td>
<td>8</td>
<td>3</td>
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</tbody>
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Physical Location of the Department:
Vehicle Management: 703 Pendleton Street, Columbia, SC 29208, 803-777-4209
Parking Services: Pendleton Street Garage, 1501 Pendleton Street, Columbia, SC 29208, 803-777-5160

The Survey: 2002-2003
These questions are intended to provide an approximation of your department’s environmental progress and function as indicators that can be used in future years to track USC’s environmental status. Please also include any other statistics you feel are relevant.

1. Does your department have an environmental policy and how does it determine the environmental impacts of its products, processes, and/or services? We have a hazardous materials procedure manual and we follow the guidelines of DHEC and EPA. Their studies include environmental impacts when guidelines are created.

2. How many parking spaces are available on campus for
   a. Faculty/Staff – 2304
   b. Students – 4613
   c. Meters – 1067
   Total – 7984

3. How many parking permits are issued for
   a. Faculty and Staff – 4,500 (approx)
   b. Students – 10,000
   c. Visitor Passes – N/A
   d. Service Vehicle Passes – 293
e. Parking Garage Passes – 4,660
Total vehicles registered – 19,160 (approx)

4. Does the campus have a program to promote ride sharing? (i.e. carpool, matching services, preferential parking, reduced rates, subsidized van pools)
Yes, Carpooling

5. Does the campus have enough parking to meet demand?
Based on urban campuses on the east coast, the university has a comparable ratio of 2.21 persons per 1 parking space.

6. Is it campus policy to provide enough parking to meet demand?
Based on turnover model, the university uses transit, pedestrian walking, bikes, and perimeter parking to meet the parking demand for our campus.

7. Are bicycle routes and racks utilized on the Columbia campus?
Bicycle racks are utilized on campus, but not routes. A bike committee is currently working on establishing bike routes and increasing the number of bike racks on campus.

   How many bicycle racks are located on campus?
   What is the total # of bicycles that can be accommodated?

Multiple departments share responsibility for bike racks. Current data is not available for the number of bike racks on campus. However, approximately 10 bike racks were added in 2003 following a student survey that requested an increase in the number of bike racks. (See survey at http://www.sc.edu/EAC/AboutEAC.htm)

8. How many vehicles are in the University Motor Pool? 466
   How many are dedicated to the Columbia campus? 364
   Does this include all Department vehicles (Housing, Facilities, Athletic Dept., etc.)?
Yes
   What percentage of vehicles on the Columbia campus, refuel at the motor pool?
Approximately 90% refuel at the motor pool exclusively. Others fuel at both the motor pool and outside facilities.

9. How many gallons (G) of fuel were used in fiscal year 2002-2003?
   Unleaded 180,972.5 G Price/G $1.14 (average) % of total cost 86.7%
   Diesel 26,337.9 G Price/G $1.17 (average) % of total cost 13.0%
   Biodiesel 571.5 G Price/G $1.20 (average) % of total cost 00.3%
   Total Fuel Costs $237,809.79

10. How many busses make up the USC Shuttle Bus system? 9
    What is the capacity of each bus? Depending on the bus – 20, 28 or 40.

11. Are there any passenger fees for use of the USC Shuttle Bus system? No
12. Shuttle Bus usage:
   Months in operation – 12
   Passengers/year – 650,000
   # of bus trips/routes per day – 12
   Average # of passengers per trip/route – 20

13. What is the average mile per gallon of the shuttle busses? 6 miles/gallon

14. Are any of the campus fleet vehicles operated using alternative fuels? Yes
   Briefly explain.
   Some of the Shuttles and Grounds equipment are using Biodiesel, We also have 10 electric vehicles.

15. What, if any, plans are there for the purchase or conversion of any University vehicles to alternative fuels? Yes

16. What hazardous materials are handled by Transportation Services? How much was handled and how was it disposed of?
   The Department recycled approximately 1000 gallons of used oil during the year.

17. Does your department purchase items such as recycled batteries or retreaded tires? If so, in what quantities? No

18. How many underground storage tanks are operated for fuel storage? 3

19. What steps has the department taken during the last year to further alternative fuel use and/or limit energy consumption or environmental impacts?
   We have increased the use of Biodiesel and the purchase of electric vehicles.

Comments by: Chris Howard
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Conducted by: Karl Rains, Spring 2004