

Larch 352 - Spring 2000
Dr. U. Yilmaz

Project 1
City of Clemson Public Works Site

Phase I - Circulation Concept
Issued: Friday, January 14, 2000
Due: Monday, January 24, 2000

The City of Clemson Public Works site at 1155 Old Central Road needs to be reorganized. The site has been heavily used, the entrance is substandard, the storage areas are inadequate, the location of the oil pumps and the tanks are not desirable in terms of safety and functions, the vehicular circulation is inefficient, visual screening is not provided, the size of the maintenance building does not allow buses to enter, finally there is little room to expand on the current site. In the fall 1999 semester, graduate planning students collected data, conducted site and space analyses, and developed a program and standards for the reorganization of the Public Works site. Their work, as well as your own research and investigations, will create the basis for your work this semester. You will develop a site plan that will maximize the efficiency of operations through reorganization of the many functions. We will have group and individual meetings with the city officials throughout the planning and design process.

You will approach this complex project in three phases:

Phase I: Circulation concept
Phase II: Schematic Land Use Diagram
Phase III: Site Planning

Phase I Requirements

For this phase, you will develop an optimized circulation pattern diagram for the vehicles and equipment operated by the Public Works Department, including staff vehicles. Your task is to represent the typical daily operation schedule of these vehicles by using any visual presentation method (drawings, models, computer-generated animation, etc.). You will also integrate the time factor, which is critical in the effective operation of the vehicles as an added dimension into your representation.

Grading

Each phase of Project 1 will be reviewed regularly and graded. The grade for this project will be the average of individual review grades and 30% of the total course grade.

Format

You will submit a hard copy of your work products as well as in digital media.

