

Site Selection for Parking Garage at University of Maryland

This study collected traffic, parking, physical and environmental data to evaluate six potential sites for constructing a 2,500 car parking garage at the College Park Campus of the University of Maryland. Physical and environmental constraints and opportunities were considered in the site selection process and recommendation of a site for the parking garage. Subsequently, access plans, schematic plans, typical cross-sections and elevation plans were developed for each alternative plan and the recommended plan. The goal of 2,500 parking spaces was arrived at by recommending two garages that were tucked away into the grades. The first one was a five story garage with 1,494 spaces and the second one to follow after the first was completed, was for 1,328 parking spaces. This resulted in a total of 2,822 parking spaces (approximately 300 more spaces than the goal). Presentations were made to the University site selection committee.

