

2007

CE 582 Highway Engineering
Design Project Position Announcement

Schrock

Project Lead Engineer

Responsible for: developing project schedule, including Gantt chart; assembling written report; assembling PowerPoint presentation for design presentation; calculating pavement design; coordinating Project Engineers; gathering information as needed by Project Engineers; providing regular updates to professor; other duties as required for the successful completion of the project.

Project Highway Design Engineer

Responsible for: incorporating all design decisions into overall highway design; exploring design trade-offs in order to minimize costs; developing all highway design plan and profile sheets; assisting Project Lead Engineer in report and presentation preparations; other duties as required for the successful completion of the project.

Project Safety Engineer

Responsible for: identification of potential safety hazards and design of mitigation strategies; design of roadside clear zone; development of plan sheets detailing typical design of roadway and roadside appurtenances (e.g., pavement markings, signing, guard rail, etc.); assisting Project Lead Engineer in report and presentation preparations; other duties as required for the successful completion of the project.