Registration Form

TEAM INFORMATION

Team Name/Project Title: RTD Central Extension Design

Department: Civil Engineering

Faculty Advisor: Peter Marxhausen, MS, PE

Team Members: Carlos Botello, Wardi Egal, Brian Hendsbee, Devin Huschka, Zixuan

PROJECT INFORMATION

Description:

Design of multiple approaches to achieving the voter-approved RTD Central Extension corridor.

Abstract:

The Central Rail Extension (CRE) is part of RTD’s 2004 voter-approved FasTracks plan to expand transit across the Denver metro region. RTD needs to find a way to get citizens from 30th and Downing to 38th and Blake using mass transit. Although this stretch of road is only 0.8 miles, there are lots of constraints including a limited right of way passage and numerous existing utilities/infrastructure. RTD is asking UCD to develop a minimum of three solutions with one being designed to completion. This project involves research into how other cities have tackled the problem of a constrained ROW and think of new ideas. This project is listed as the Central Rail Extension project on RTDs website but the vehicle does not need to be light rail.