



Overview: Roadway and Drainage Design; Storm Water Management; Hydrology

Owner: Douglas County, CO

Completion: 2006

Ridge Road Improvements

Project Description

Centennial provided roadway and drainage design, storm water management, and hydrology services for this 1-mile long project in Douglas County.

The existing 20-foot wide gravel pavement section was redesigned to meet the requirements of a 32-foot wide, 45 mph design asphalt section with flat bottom ditches,

upgraded drainage system and permanent erosion control features..

Key design issues were minimizing adjacent property impacts in a narrow ROW corridor, avoiding impacts to two existing waterlines, erosion control, and coordination with future development.

