

**Client Contact:**

**Mr. Gary Ungerman  
Castle Rock  
Construction  
Company  
303-688-6611**

**Project Locations:**

**CDOT Region 1  
CDOT Region 2  
CDOT Region 4  
CDOT Region 6  
Denver International  
Airport**

**Services Provided:**

- **Field and Laboratory Testing/Consulting**
- **Concrete Mix Design**
- **QA/QC**

**Project Summary:**

Cesare, Inc. (Cesare) conducted optimized concrete pavement mix designs and provided quality assurance (QA) and quality control (QC) services. Services included embankment and base testing, concrete plastic properties tests, transverse and longitudinal tie bar pullout strength tests, tining depth checks, dowel bar placement checks, sealant pullout resistance tests, and coring. Cesare's on-site laboratory services testing included soil and aggregate Proctors and classifications, washed aggregate gradations, sand equivalent tests, and concrete strength tests (flexural and compression).

The project locations ranged across the State of Colorado. Cesare was responsible for providing projects with a Quality Assurance/Control Supervisor and materials testing support staff.



**Award Winning Concrete Paving Projects**

- US-385, Idalia, Colorado (CRCC QC)
- SH 160, Alamosa, Colorado (CRCC QC)
- SH 287, Kit Carson, Colorado (first phase) (CDOT R-1 QA)
- Interstate 70, Burlington, Colorado (CRCC AC)
- US Highway 34, Business Route, Greeley, Colorado (CRCC QC)
- Pueblo Fastracks I-25 Ramps, Pueblo, Colorado (SCI QC)
- C-470 between I-25 and Santa Fe (CRCC QC)
- Pena Boulevard Outbound, DIA (CRCC QC)
- US-85 Bypass, Greeley, Colorado (CRCC QC)
- US-34, Greeley, Colorado (CRCC QC)