

**Client Contact:**  
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**Services Provided:**

- **Subsurface Study**

**Project Summary:**

Cesare, Inc. (Cesare) provided a subsurface study for Taxiway A at the Centennial Airport in Arapahoe County, Colorado. The study was made to assist in determining the existing condition of the asphalt, conditions at subgrade level, and representative strength properties of the subgrade materials for design. Taxiway A is about 10,000 feet long and runs north-south along the east side of Runway 17L/35R. The taxiway is constructed of asphalt pavement. Subsurface conditions were investigated by coring through the asphalt at 15 locations using 6 inch and 4 inch core bits. At seven of the core locations, the subsurface was investigated by drilling borings. The cores were measured for thickness and laboratory testing was performed. Cesare gave recommendations for subgrade preparation and pavement construction.

