Jones & DeMille Engineering

WAYNE COUNTY - WAYNE WONDERLAND AIRPORT

Project Benefits:
- Improved Safety
- FAA-Compliant
- Updated Lighting System

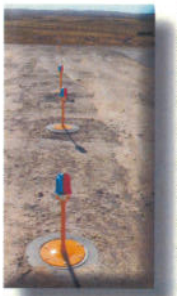
Cost: $460,000

Completed:
- September 2012

Funding:
- FAA
- Wayne County

County Officials:
- DeRae Fillmore Commissioner
- Thomas Jeffery Commissioner
- Robert Williams Commissioner
- Ryan Torgerson Clerk
- Brandon Jensen County GIS

Jones & DeMille Engineering was retained by Wayne County to provide design and construction engineering services for improvements at the Wayne Wonderland Airport located southeast of Loa, Utah. The safety areas were not up to standard and had many holes from prairie dogs. The runway lighting system was old and also hampered by the prairie dogs. The wildlife fence around the airport needed to be completed.



The project included three schedules of work. Schedule I included grading the runway and taxiway safety areas to provide finish grades to meet FAA standards. It also included drainage ditch excavation and pipe culvert extensions. Schedule II included replacement of the runway and taxiway lighting system and a new electrical equipment building. Each light was mounted on a base and the wiring was put in conduit to prevent displacement and damage by prairie dogs or other rodents. Schedule III included the completion of the 8-foot-high fence along the northern airport boundary. The fence will help keep deer, elk and other large animals away from the runway.

The project was mostly funded through an FAA grant and required FAA coordination. The FAA documentation included an environmental document, funding application, design report, DBE goals, and final construction report. The project was also coordinated with the Utah Division of Aeronautics. Many of the improvements were required to correct damage from the Utah prairie dog, an endangered species located on site. However, its presence also required that construction be monitored by a biologist to help ensure the construction activities were not harmful to the prairie dogs.

Project Team:
- Contractor: Ron New & Sons Construction
- Project Engineer: Jones & DeMille Engineering
- Electrical Engineer: Bruno Engineering