

**Professional Experience**

*PROJECT ENGINEER*

Airport Development Group, Inc., January 2007 to Present

*AIRPORT ENGINEER*

Airport Development Group, Inc., May 2003 to January 2007

*CADD*

*COORDINATOR/DESIGNER*

Airport Development Group, Inc., September 1997 to May 2003

*DESIGNER/DRAFTER*

Syska Henessy Inc., April 1998 to November 1998

*CADD*

*COORDINATOR/DESIGNER*

Carter & Burgess, Inc., January 1996 to April 1998

*PLANNING TECHNICIAN*

Muller, Sirhall, & Associates Inc., March 1993 to January 1996

**Education**

Bachelor of Science - Civil Engineering - University of Colorado. 2003

**Professional Affiliations**

Private Pilot Certificate - 1995

Instrument Rating -1996

Multi-Engine Rating -1995

**Registrations**

Professional Engineer  
California, Colorado,  
Kansas, Missouri, Nevada,  
New Mexico, Texas, Utah,  
Wyoming

**Professional Summary**

Mr. Sirhall is responsible for the management of projects, including contracting, design, production of plans and specs, oversight and inspection of construction on various projects complying with the FAA design criteria and national and local standards. He is experienced in design, construction administration and client coordination. Mr. Sirhall's background in CAD design, inspection, and construction serve all project aspects in creating an excellent product for the client.

A testament to his skill as a designer and project engineer, one Mr. Sirhall's latest projects was the recipient of the 2006 Kansas Asphalt Paving Association award for excellence. In addition, his several years of engineering tasks at ADG have included the multi-year runway reconstruction & relocation in Worland, Wyoming, a multi-year runway extension and rehabilitation at John Bell Williams Airport, Mississippi, and the parallel taxiway widening and strengthening at Stennis International Airport, Mississippi.

In Kansas, his projects include the award winning runway and apron reconstruction in Atwood, and another apron reconstruction in Meade. Lawrence Municipal has been the site of several projects, including the extension of the main runway and taxiway on both ends, a partial parallel taxiway and ARC C-II runway safety area improvements.

**Featured Projects**

*Reconstruct and Relocate Main Runway, Worland Municipal Airport, Wyoming*

As part of relocation of the runway to meet ARC C-II standards the runway was extended to the south, reconstructed in the center section and removed on the north end. This project was completed over a 5 year period; during which time the single runway airport with commercial service was keep operational except for small interruptions for tie-ins. This project also included the reconstruction, and relocation of the entire parallel taxiway. The project also included the moving of approximately 350,000 cubic yards of embankment from a large hill south of the airport for use on the runway and runway safety area to meet ARC C-II standards. This project was completed using AIP and state funds. The last phase of the project also included a rehabilitation of the entire aircraft parking apron and access road, which was added at a significant savings from doing these projects separately.

*Acquire Aircraft Rescue Fire Fighting (ARFF) Vehicle, Worland Municipal Airport, Wyoming*, Involved preparation of specifications for an ARFF Index B vehicle.

*Reconstruct Main Runway, Fillmore Municipal Airport, Utah*

The project consisted of removing the existing runway pavement, sub excavating the subgrade and re-installing the milled asphalt mixed with new base material and paving. A new runway turnaround and apron was also constructed. This project was completed using state funds.

### Featured Projects

#### *Widen and Strengthen Parallel Taxiway, Stennis International Airport, Mississippi*

The existing taxiway that had been constructed with four different strengths and two different widths was strengthened and widened to meet ARC C-IV standard. The project included excavation adjacent to the taxiway and construction of new pavement to widen the pavement to 75 feet. The taxiway was then overlaid at various depths to increase the strength of the taxiway to support heavy military and civilian transport aircraft. The project was phases to minimize the construction impact to the airport. The project was completed using AIP funds.

#### *Extend Main Runway Lawrence Municipal Airport, Kansas*

The main runway and its parallel taxiway were extended on both ends along with the grading of the extended safety area to ARC D-II standards. The project included the mitigation of wetlands that were located on one of the runway ends. The project was completed in phases to minimize the impact of construction on airport operations. The project was completed using AIP funds.

#### *Rehabilitation of Taxiways, Rock Springs-Sweetwater County Airport, Wyoming*

The taxiways on the airport were rehabilitated on a multi-year project. The project involved widening some parts of the taxiways to meet the current FAA standards along with the overlay of the pavements. The project was completed using AIP funds.

#### *Reconstruct and Extend Main Runway, John Bell Williams Airport, Mississippi*

The project was completed over three years, it involved the extension of the runway, and taxiway as well as the rehabilitation and overlay of the main runway. The safety areas were also improved to meet ARC C-II standards. The embankment for the runway extension was removed from a hill on the west side of the airport that was graded to provide a new area for apron expansion. This provided a cost savings for the future development of the airport. The project was completed using AIP funds.

#### *Construct new Runway, Springfield Municipal Airport, Colorado*

The project included the construction of a new runway constructed parallel to the existing runway that was converted into a taxiway. The project was completed using local and state funds. The runway was completed to FAA standards with various portions of the work completed by the city and county, and CDOT at a very low cost compared to similar projects.

#### *Rehabilitate Runway, Creede Municipal Airport, Colorado*

The project included the rehabilitation of the deteriorated main runway. The project was completed using local and state funds. The runway was completed to FAA standards with various portions of the work completed by the city and county, and CDOT at a very low cost compared to similar projects.

#### *Grade the Main Runway's Safety Area to DC-II Standards, Lawrence Municipal Airport, Kansas*

The main runway safety was improved to meet ARC D-II standards. The project required the coordination with utility companies to relocate phone lines, water line and two large gas lines. The project was completed using AIP funds.