



Toledo-Lucas Co. Port Authority
Geographic Information System
Toledo Express Airport

profile

2000-2001

Summary Scope of Work:

Following the completion of the Residential Sound Insulation program designed for the Toledo Express Airport and sponsored by the Toledo-Lucas County Port Authority, The Jones Payne Group was retained to provide GIS services. Like an increasing number of agencies and corporations around the country, the Authority wanted to integrate GIS to simplify data analysis and project recording. Utilizing our background and experience, we have been able to make this transition a successful process.

The initial goal of this project was to report the final results of the RSIP program to the FAA. The airport can consequently direct the leasing and management of property and structures acquired from the Noise Acquisition program.

All the available data pertaining to the original RSIP project database was transferred into a GIS system constructed for Toledo. The initial work order entailed gathering information from both affected Lucas and Fulton counties. Lucas County already had access to a GIS system, which was easily integrated with the Airport's. Fulton County, however, required developing an entire system to complement the methods they were using at the time. Ultimately, both systems were successfully merged.

As the focus shifts from Sound Attenuation to Facilities and Leasehold Management, the system infrastructure at Toledo Express Airport has become a new target for our GIS endeavor. Being able to identify the history and condition of all the wiring will prove to be invaluable when repairs are needed or new construction breaks ground. There is an existing building maintenance database, created by the airport, to be linked to a GIS system in order for all employees to enter data through portable computers and manage various inventories more efficiently.

Services Include:

- Acquisition and reconciliation of city parcel data
- Creation of new parcel data
- Integration with Sound Insulation inventory
- FAA Reporting
- Consulting TLCPA on its long term GIS integration strategy

The Jones Payne Group

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