AIRPORT PLANNING AND DESIGN

AEROPARK AIRCRAFT MUSEUM BUDAPEST LISZT FERENC INTERNATIONAL AIRPORT

Client:
BUDAPEST AIRPORT

Features:
Total paved surface:
1 900 m^2 asphalt pavement
900 m^2 sidewalk with concrete pavers
12 800 m^2 gravel area

900 m of new fence
50 parking spaces
6 bus parking spaces
500 m new sidewalk
1 new public bus stop

Water supply, Floodlighting, Power supply with new transformer station.

Visitor center with ticket office, gift shop, office, simulator, toilet facilities, luggage storage.

Time of design: November 2016 – April 2017

Services:
Preparation of design for approval and construction design

Due to the extension of the Holiday car park at Budapest Liszt Ferenc International Airport, it was necessary to move the outdoor aviation museum to a new location.
The necessary infrastructure was complex, in addition to the construction of a road and sidewalk providing access to the new and larger exhibition area, as well as bus stops, a fence, a visitor center and public utilities had to be provided for the future Aeropark.
The most special part of the work was the rollover of old (unused for decades - eg Tu-154, IL-18) aircrafts in an undamaged condition. This task was completed with the aid of a new temporary road with adequate fall to withstand the load of the aircraft.
During the project the following sectoral design works were completed:
- geodesy, geotechnical engineering
- airport design, road design (pavements)
- hydraulic engineering (pavement structure, dewatering, water supply)
- high voltage power supply (power supply, transformer, outdoor lighting)
- organization (schedule, temporary traffic regulation)
- architecture
- structural engineering