

Tocumen Airport Access Road (Panama)



Project description

Panama City's Tocumen International Airport is currently being extended with the addition of a new terminal. Designed by Foster & Partners, it will increase floor space by over 800,000 square feet, with 20 new boarding gates, a duty free area, a new control tower and a third runway.

Access to the new terminal from the Corredor Sur highway that bypasses the airport is provided by a four-lane road, part of which is elevated. The non-continuous elevated structure of each carriageway is supported by ten piers, requiring a bearing solution.

mageba scope

To support the structures' decks, mageba supplied 80 RESTON®POT HP bearings with uplift resistance. These bearings are based on the standard RESTON®POT bearing which has been a most popular bearing in mageba's range for many years, having proven its worth in countless applications. The recently developed version of the bearing, with "HP" standing for "High Performance", represents a major advance in the bearing's technology. Durability is much increased, thanks to the use of improved materials, and the increased strength enabled the bearings to be made small enough to suit the main structure's design.

Highlights & facts

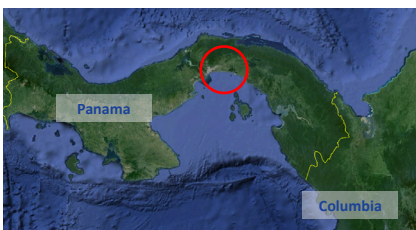
mageba products:

Type: RESTON®POT HP (high performance) bearings
Features: Uplift resistance
Installation: 2014

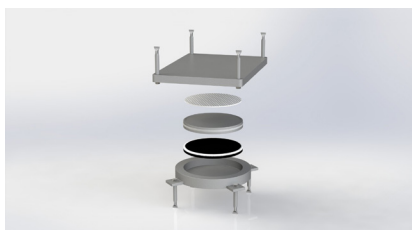
Structure:

City: Panama City
Country: Panama
Completed: 2014
Type: Airport access viaduct
Contractor: Construtora Norberto Odebrecht

The new viaduct provides access to Tocumen International Airport, Panama City, Panama



Exploded view of a typical RESTON®POT bearing, showing elastomeric pad at its core



A typical RESTON®POT bearing featuring uplift resisting clamps at sides, as fabricated

