# Roads & Highways

Santiago de Chile North - South Highway

# The Project

#### Client

Autopista Central (Skanska BOT, Dragados, Belfi and Brotec)

Owner Ministry for Public Works of Chile

# Location

Santiago City, Chile

**Period** 2001 – 2005

# Participation

Skanska LA: 48% Dragados: 48% Belfi: 2% Brotec: 2%



Skanska LA is responsible of the design and construction of a 60,5 km highway that connects the north part of the city with the south part. This toll road provides a solution to the traffic and smog problem of Santiago City.

# Description of the works

The Autopista Central (or North-South Highway) is the artery of the Santiago toll road system initiated by the Chilean Government. The works consisted on the construction of three expressways plus two complementary service lanes per side, 35 traverse vehicular bridges, 9 traffic distributors, networks relocation, 22 toll station (free flow system) and the illumination, signaling and services areas. When construction is completed, the highway will have a daily capacity of 140.000 vehicles.

# Toll system

One of the outstanding characteristics of this project is the advanced toll system called "Free Flow" that enables the drivers to pass the toll stations without stopping. This system is based on the communication between a device (tag), installed in the vehicles and a reception station installed at a gantry that identifies the vehicle when it passes through the toll station and charges the corresponding collection to an account specified by the user.



In case the vehicle does not have this tag a video camera shall capture the image of the

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# Contact

# Skanska Latin America

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plate number in order to proceed with the respective fine.

# **Financing**

For the financing of this project the Chilean government gave a 30 year concession for the operation and maintenance to Autopista Central S.A.

Autopista Central is a partnership leaded by Skanska BOT where it also participates Dragados, Belfi and Brotec. The total financed amount is approximately U\$S 900 millions.



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