1st ECCS AWARD FOR STEEL BRIDGES

“Roadway, Highway and Railway Bridges”

The Abetxuko Bridge – Vitoria, Basque Country, Spain

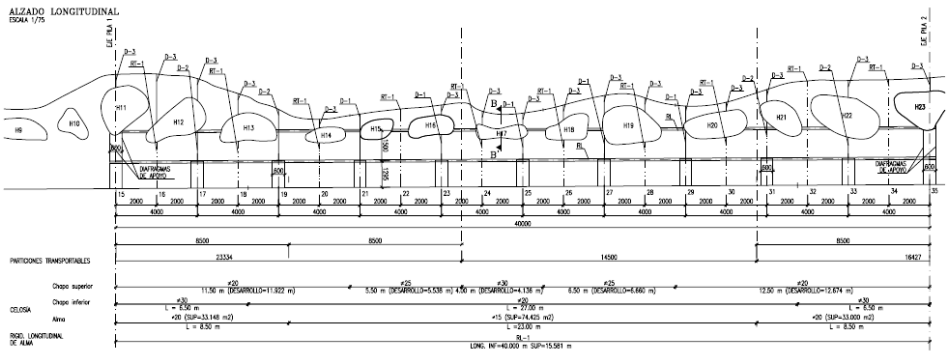
Type: Highway

Location: Vitoria, Basque Country, Spain

Completion Date: February 2007

Owner: Municipality of Vitoria

Engineering: Pedelta, SL

Steel Fabricator: DRAGADOS and URSSA

- Continuous structure with 3 spans of 26m + 40m + 26m
- Total deck width of 26.1m, with four road traffic lanes, a central tramway line and two pedestrian walkways
- Structural system: two parallel trusses shaped in organic forms
- Trusses made of weathering steel with a reinforced concrete deck acting in composite with the steel structure
- Trusses inclined 5º from vertical to improve the aesthetic appearance of the bridge