

Viranşehir Corrugated Steel Bridge Construction, Türkiye

PROJECT REPORT

SuperCor



Constructing connections.
Consciously.

VIACON

BASIC INFORMATION



PROJECT NAME:

Malatya Hatunsuyu
Railway Overpass,
Türkiye



APPLICATION TYPE:

Structural Plate, Rail-
way Overpass



CONSTRUCTION PERIOD:

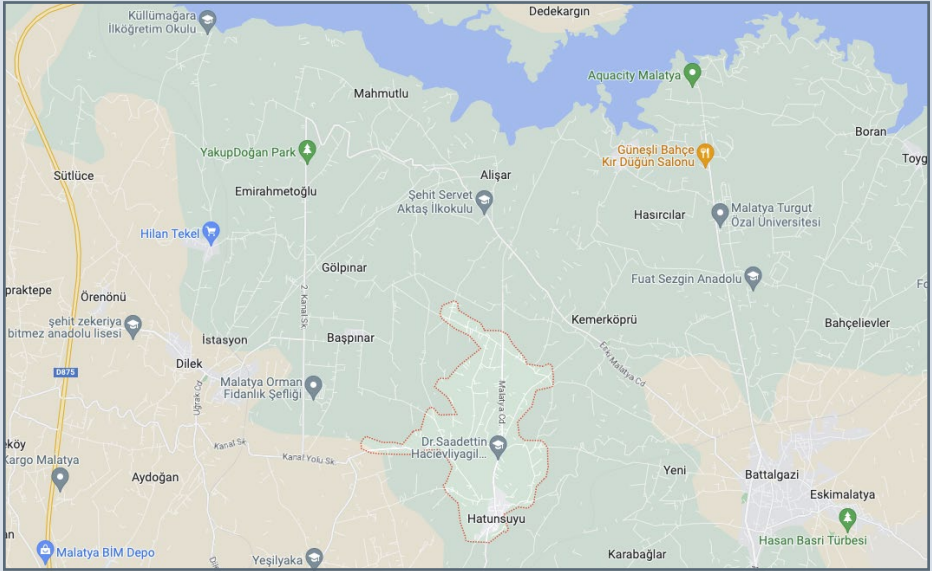
Pre-assembly 3 weeks,
Installation 5 days.



VIACON SOLUTION:

SuperCor

PROJECT LOCATION



BACKGROUND

In order to eliminate the traffic jams in the center of the Viranşehir district, the Department of Science Affairs carried out a bridge work with Şanlıurfa Metropolitan Municipality, within the scope of the 8-km ring road, connecting the Viranşehir district to Mardin road.

STAKEHOLDERS



INVESTOR:

Şanlıurfa Metropolitan
Municipality



SUPERVISOR:

ViaCon Türkiye



DESIGNER:

ViaCon Türkiye



CONTRACTOR:

Yetimoğlu Mining Co.



FABRICATOR:

ViaCon Türkiye



PROJECT HIGHLIGHTS

The Department of Science Affairs decided to use the ViaCon MultiPlate corrugated steel system by carrying out rehabilitation work on the Curcup creek that cuts the reconstruction road.

By using the ViaCon steel structure Super-Cor-47SA, a bridge work of 50 meters wide and 8 meters high was carried out with a total span of 24.90 meters, with each chamber 12.45 meters wide.

TECHNICAL PARAMETERS OF THE STRUCTURE

Span: 12,17m

Rise: 6.08m

Profile: SC-47SA

Plate Thickness : 7 mm

Corrugation P rofile 381 x 140 mm

Corrosion protection: Galvanised



BENEFITS

- Long service life
- Easy and short assembly time due to lightweight, modular structural plates
- Environment-friendly transportation due to lightweight structural plates, assembled onsite.
- No need for heavy equipment for installation
- Minimal disturbance to traffic during construction