

Talgo Midwest High Speed Train

PROJECT TEAM: Cesar Vergara, Senior Director-Rail, Teague (1999-2001)
 Talgo Engineering (Madrid)
 STV Engineering (New York)

CLIENT: Talgo (Madrid, Seattle)
 Siemens

COMPLETION DATE: 2000

In 1999, a coalition of Midwestern states envisioned a high-speed rail system with its hub in Chicago and sought design proposals for a world class diesel/electric-powered high-speed trainset. Based on its very successful *Cascades* trainsets operating in the Pacific Northwest, Talgo recognized an opportunity for growth in North America.

Intent on creating a trainset addressing the state coalition's requirements with a flair of European design, Talgo awarded the contract to a team headed by CESAR VERGARA. Talgo had rewarding previous experience with Vergara in the award-winning design of the *Cascades*.

The project required close cooperation between engineering and design teams in both the United States and Spain. This collaboration was involved in the configuration of the seats, the bar car and application of accessibility requirements that exceeded ADA requirements and improving the travel experience for all passengers.

The Siemens locomotive carbody and front were reconfigured to make room for FRA-mandated collision posts and to create a contemporary appearance. The Midwest HSR initiative did not move forward and the train concept was never produced.



LOCOMOTIVE

Cabin Interior
First ClassCabin Interior
Coach Class

Entry/ Vestibule