

Transbay Transit Center (USA)



Project description

The new Transbay Transit Center will replace the former Transbay Terminal that was built in 1939 in downtown San Francisco. This modern transit hub will serve 11 transportation systems. It contains more than one million square feet. The highlights are a 5.4-acre (22 000 square meters) rooftop public park, Grade Hall, dramatic Light Column, and stay cable pedestrian bridge. The construction is expected to be complete in late 2017.

mageba scope

mageba USA is working on different sections of this landmark project. On one side, mageba is supplying eight RESTON®PENDULUM Mono Types A and B with vertical capacities of 2,500 kips (11,120 kN) and 2,000 kips (8,900 kN), respectively for the terminal superstructure; eight RESTON®SPHERICAL Type Free sliding able to withstand blast forces of 171 kips and with 41.5" of max. sliding capacity for the glass roof structure.

On the other side, mageba is also supplying two TENSA®MODULAR expansion joints designed with 8 and 11 gaps to accommodate 24 in and 33 in of movement respectively at the bus storage facility ramp.

Highlights & Facts

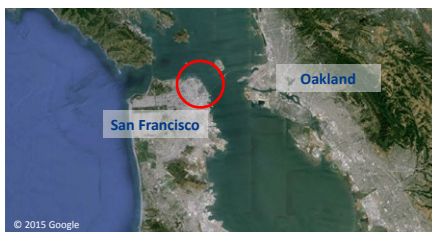
mageba products:

Type:	RESTON®PENDULUM Mono bearings RESTON®SPHERICAL bearings TENSA®MODULAR expansion joints of type LR8 and LR11
Features:	Table hysteretic behavior
Installation:	2016–2018

Structure:

City:	San Francisco, CA
Country:	USA
Type:	Transit Center
Owner:	TJPA
Builder:	Shimmick, Greenlite, MCM

The Transbay Transit Center is located next to the San Francisco – Oakland Bay Bridge



Installation of RESTON®PENDULUM Mono on terminal superstructure



Movements at the Bus storage facility ramp will be facilitated by modular joints

