



Reinforcement of Keiyo Doro road to resist earthquakes

Technora rods, having high adhesion but a low Young's modulus were used to strengthen the wall-style piers of the bridge. The use of the wrapping of reinforcement and concreting around the pier bases, as well as prestressing the anchorage body (1.2 to 1.6 meters) in the direction of the wall thickness, considerably increased the confinement effect.



- **Owner:**
Japan Highways Public Corporation
- **Location:**
Chiba Prefecture
- **Dimensions:**
RC columns reinforcement(× 29)
- **Materials:**
Technora deformed 3 φ 6, 4 φ 6
L=4.680m
- **Application:**
Pretensioning
- **Completed:**
Mar 97
- **ACC Projects list:**
#104

