



ACEGrid® Reinforced Structure on Eastern Express Highway

Location: Mumbai, India

Application: Reinforced Abutment and Embankment

Problem :

Eastern Express Highway (E. E. H.) is a busiest north-south artery of Mumbai connecting the city to the eastern suburbs and to the metropolitan area of Thane, which is also a part of the National Highway No. 3. The Eastern Express Highway run straight from Chhatrapati Shivaji to Thane. As numerous flyovers separators on E. E. H., Navghar Junction flyover was arranged to relieve the terrible traffic jams in Mumbai. The designer was expected a construction method which could save the cost of time and land.



Solution :

As a lot of flyovers in India, the consultant company accepted the mechanically stabilized earth structure for the ramps and abutments construction. ACEGrid® connected with aesthetic concrete panel was used to construct the vertical structure. The reinforced embankments and abutments of Navghar Flyover not only improve the traffic safety for motorist but also save expenditure for government.