

STRUCTURAL CONCRETE CRACK REPAIRS AT HADAPSAR BRIDGE



Problem:

- Cracks with the potential to become a significant structural problem occurred in the support piers of a motorway bridge due to excessive dynamic loads from increased traffic.

Solution:

- Opening of Crack in V Shape cracks > 0.3 mm.
- Drilling of Holes in 300mm c/c distance in perpendicular to crack opening and after that dust remove from hole with help of blower.
- After dust remove, we fixed nozzle in hole.
- Primer application on crack opening after nozzle fixing.
- After Primer Application seal the crack with help of mortar.
- After sealing the Crack Grouting with low viscosity epoxy resin based on fosroc with help of pump.