

Strengthening with CFRP Strips of Ramchandra Lane Box Culvert.

Location:

Problem: In the Ramchandra Lane Bridge, which is an RC box Culvert, many cracks had formed was observed at several locations. Honeycombing at the bottom slab was observed.

Solution carbon fibre sheet bonding method (CFRP Laminates) were considered for this bridge. Each end of the strip is inserted into an anchoring device that is made of steel. Both ends are embedded and anchored by an expansive plate



Before



After