

Bridge across creek near Archana Vidyalaya



1.	Location	Road from Bombay Market to Archana Vidyalaya in Karanj.
2.	River/Nala/Creek	Local khadi
3.	Lane	Six lane
4.	Year of construction	1998
5.	Cost	Rs.54.93 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	24 mtr.
	(ii) Width of bridge	24.756 mt
	(iii) Number of span	Two
	(iv) Span Length	12.00 mtr.
	(v) Carriage Way	20.948 mtr. + 1.575 mtr. wide footpath on both sides.
	(vi) Length of Returns	Left side - 3.65 mtr. Right side - 3.65 mtr.
7.	(i) Design Discharge	270 Cumecs
	(ii) Design H.F.L.	R.L. +9.30 mtr.
	(iii) Type of bridge	Submersible bridge.
	(iv) F.R.L.	9.30 mtr.
8.	Structural Details :	
	(i) Foundation.	Open foundation in R.C.C. M-20
	(ii) Substructure	R.C.C. substructure in M-20
	(iii) Superstructure	The decking consists of R.C.C.solid slab in M-250 suitable for submergence.
	(iv) General Items	Post and pipe railings.
9.	Name of Contractor	M/s. Shakti Builders, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.