

Construction of Bridge Across Creek Near Sahjanand Society in Karanj



Project Technical Details:

1.	Location	Road from Sahjanand / Anjali Society in Karanj
2.	River/Nala/Creek	Local khadi
3.	Lane	Four lane
4.	Year of construction	June 2003
5.	Cost of construction	Rs. 46.25 lacs
6.	Details of Bridge	
	(i) Length Bridge	11.00 Mtr.
	(ii) Width of bridge	15.00 mt
	(iii) Number of Spans	one
	(iv) Span Length	11.00 mtr.
	(v) Carriage Way	14.350 Mtr.
	(vi) Length of Returns	Down stream side : 5.00 Mtr.
7.	(i) Design Discharge	
	(ii) Design H. F. L.	12.70 Mtr.
	(iii) Type of bridge	Low level submersible Bridge
	(iv) F. R. L.	R. L. (+) 11.00 mtr.
8.	Structural Details :	
	(i) Foundation.	1000 m.m. dia pile foundation.
	(ii) Sub structure	R. C. C wall type column numbers , in M-25
	(iii) Super structure	R. C. C. solid slab in M-25
	(iv) General Items	R. C. C. parapet in M-25
9.	Name of Contractor	M/s C. R. Patel , Surat.
10.	Name of Consultant	Pankaj Patel and Associates, Ahmedabad.