

Construction of " Additional Entry Ramp " adjoining Shree Nathji (Varachha)

Fly Over Bridge at Hirabaug junction on Varachha Road, Surat



1.	Location	On Varachha main road
2.	River/Nala/Creek	N .A.
3.	Lane	Two lane
4.	Year of construction	June - 2004
5.	Cost	Rs. 162 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	465 Mtr.
	(ii) Width of Bridge	6.10 Mtr.
	(iii) Number of Spans	18 nos. (Each span of 20 mt. Avg. length)
	(iv) Carriage Way	5.50 mt.
	(v) Length of Returns	102.926 mt.
7.	(I) Design Discharge	N.A.
	(ii) Design H.F.L.	N.A.
	(iii) Type of bridge	Fly Over Bridge
8.	Structural Details :	
	(i) Foundation.	Isolated Open Footing
	(ii) Substructure	R.C.C. Cast in Situ Single Rectangular Pier (3 x 1.5 mt.)
	(iii) Superstructure	R.C.C. Cast in Situ Box type
	(iv) General Items	Anti crash barrier, Retaining wall.
9.	Name of Contractor	M/s. Ranjit construction Co., Mehsana.
10.	Name of Design Consultant	STUP Consultant Pvt. L., Mumbai
11.	Name of Project Management Consultant	Technogem Consultant Pvt. L., Thane
12.	Feasibility Prepared By	Sardar Vallabhbhai Regional Engineering College, Surat.