

Construction of Shree Nathji Fly Over Bridge on Varachha main Road, Surat



1.	Location	On Varachha main road (from station to kapodra junction)
2.	River/Nala/Creek	N .A.
3.	Lane	Four lane
4.	Year of construction	Dec. - 2003
5.	Cost	Rs. 2998 Lacs
6.	Details of Bridge	
	(i) Length of fly over Bridge	2753 Mtr.
	(ii) Width of fly over Bridge	16.450 Mtr.
	(iii) Number of Spans	128 nos. (Each span of 20 mt. Avg.length)
	(iv) Length of Up Ramp (At Hirabaug junction)	465 mt.
	(v) Carriage Way	7.5 mtr. On both side
	(vi) Length of Returns	110 mtr. towards Kapodra side 120 mtr towards Surat side
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. Ltd., Mumbai
11.	Name of Project Management Consultant	Technogem Consultant Pvt. Ltd., Thane
12.	Feasibility Prepared By	Sardar Vallabhbai Regional Engineering College, Surat.