

Bridge across Bhedwad Khadi near B.R.C. Colony



1.	Location	Road from Udhana darwaja to Navsari.
2.	River/Nala/Creek	Bhedwad khadi
3.	Lane	Four lane + Existing two lane
4.	Year of construction	1992-1997(Additional two lane on both side)
5.	Cost	Rs.8.50 Lacs(92)/34.8 lacs
6.	Details of Bridge	
	(i) Length of Bridge between ends of decking	24 mtr. (Skew)
	(ii) Width of Bridge	10.836 mtr-Additional Bridge, 8.343 mtr-Existing Bridge
	(iii) Number of span	Three
	(iv) Span Length	1 x 12 mtr. + 2 x 6 mtr.
	(v) Carriage Way	2 lane carriage way added to have 4 lane bridge. Another 4 lane added(Two lane on each side)
	(vi) Length of Returns	-----
7.	(i)Design Discharge	100.00 Cumecs
	(ii) Design H.F.L.	R.L. 7.29 mtr.
	(iii) Type of bridge	High Level bridge
	(iv) F.R.L.	(+) 9.12 mtr.
8.	Structural Details :	
	(i) Foundation.	Open type Foundation.
	(ii) Substructure	R.C.C. M-20 piers.
	(iii) Superstructure	R.C.C. M-20 solid slab deck simply supported.
	(iv) General Items	R.C.C. M-20 precast parapets.
9.	Name of Contractor	Desai Construction, Surat - 1992.
		M/s. C.R.Patel, Surat. (both sides) - 1997
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.