

Bridge across Kankara Khadi near Daudnagar



Project Technical Details:

1.	Location	Road from Bamroli to Udhna-Navsari Highway.
2.	River/Nala/Creek	Kankara khadi
3.	Lane	Four lane
4.	Year of construction	1996
5.	Cost	Rs.182.65 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	80 mtr.
	(ii) Width of Bridge	19.620 mtr
	(iii) Number of span	Four
	(iv) Span Length	20 mtr.
	(v) Carriage Way	2x7.5 mtr. + 1.50 mtr.wide on both side each
	(vi) Length of Returns	Left side - 25.00 mtr. Right side -110.00 mtr.
7.	(i)Design Discharge	1100 cumecs
	(ii) Design H.F.L.	R.L.7.00 mtr.
	(iii) Type of bridge	High level bridge.
	(iv) F.R.L.	R.L.(+)10.00 mtr. piers
8.	Structural Details :	
	(i) Foundation.	R.C.C. bored cast in situ piles 1200 mm dia 4 Nos. under piers and 12 Nos. under abuments
	(ii) Substructure	R.C.C. M-20 wall type pier.
	(iii) Superstructure	Pre-stressed concrete/R.C.C.slab composite deck, simply supported on elastomeric bearings.
	(iv) General Items	R.C.C. parapet.
9.	Name of Contractor	M/s. Sona Builders, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.