

Bridge across Kanakara Khadi near Udhana Industrial Estate



1.	Location	Road from Kinnary Cinema Road No.3 of Udhana Industrial Estate.
2.	River/Nala/Creek	Kankara khadi
3.	Lane	Four lane
4.	Year of construction	1998
5.	Cost	Rs.229.74 Lacs
6.	Details of Bridge	
	Width of Bridge	19.620 mtr
	Length of Bridge	80 mtr.
	(ii) Number of span	Four
	(iii) Span Length	20 mtr.
	(iv) Carriage Way	2x7.5 mtr. + 1.5 mtr.wide footpath on both side.
	(v) Length of Returns	Left side -33.00 mtr.
		Right side -103.00 mtr.
7.	(i)Design Discharge	750 Cumecs
	(ii) Design H.F.L.	R.L.7.86 mtr.
	(iii) Type of bridge	High Level bridge.
	(iv) F.R.L.	+11.70mtr
8.	Structural Details :	
	(i) Foundation.	Bored cast in siu piles 1200 mm dia.
	(ii) Substructure	wall type R.C.C. piers/abutments.
	(iii) Superstructure	Pre-stressed concrete/slab composite deck in three girders system simply supported on elastomeric bearings.
	(iv) General Items	R.C.C.M-20 railings. The bridge also has provision for carrying service line.
9.	Name of Contractor	M/s. Sona Builders, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.