

Bridge Across Meethi Khadi Near Dumbhal tenement



Project Technical Details:

1.	Location	Road from Kamela Darwaja to Limbayat.
2.	River/Nala/Creek	Meethi khadi
3.	Lane	Two lane
4.	Year of construction	1996
5.	Cost	Rs.32.43 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	36.90 mtr. (skew bridge)
	(ii) Width of bridge	9.750 mt
	(iii) Number of span	Three
	(iv) Span Length	12.3 mtr. c/c
	(v) Carriage Way	7.5 mtr. + 1.5 mtr. wide footpath one side.
	(vi) Length of Returns	Left side - 5.05 mtr. Right side - 5.05 mtr.
7.	(i) Design Discharge	670 Cumecs
	(ii) Design H.F.L.	R.L.9.50 mtr.
	(iii) Type of bridge	Submersible bridge.
	(iv) F.R.L.	+9.80 mt
8.	Structural Details :	
	(i) Foundation.	Open foundations for piers and abutments.
	(ii) Substructure	R.C.C. wall type pier in M-20 concrete and R.C.C. counterfort type abutment in M-20 concrete.
	(iii) Superstructure	R.C.C. solid slab type decking in concrete M-200 and supported over four number of elasomeric bearings.
	(iv) General Items	Post and Pipe Railing.
9.	Name of Contractor	M/s. Harish J. Patel, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.