

Widening of Existing Bridge on both side across creek on Puna - Kumbharia Near A.P.M.C Market



Project Technical Details:

1.	Location	Road from Sahara Darwaja to Kadodara
2.	River/ Nala / Creek	Koyali khadi
3.	Lane	Three lane on each side (10.20 mtr)
4.	Year of construction	July 2004
5.	Cost of construction	Rs. 135.00 lacs
6.	Details of Bridge	
	(i) Length of bridge	48.90 Mtr.
	(ii) Number of Spans	3 Nos. on each side
	(iii) Span Length.	15.95 + 21.00 + 11.95 Mtr.
	(iv) Carriage Way	10.20 Mtr. on each side. and 1.5 Mtr. wide Footpath 1.50 Mtr. service road on each side-
	(v) Length of Returns	Up stream side 7.00 Mtr. Down stream side 3.00 Mtr
7.	(i) Design Discharge	528.00 Cumecs
	(ii) Design H.F.L.	R. L. 10.45 Mtr.
	(iii) Type of bridge	Low level submersible Bridge
	(iv) F .R. L.	R.L. 11.430mtr
10.	Structural Details :	
	(i) Foundation	Open type foundation for abutments and 1000m.m dia. pile foundation for piers M-25
	(ii) Substructure	RCC 1200 mm dia columns, three numbers, in M-30
	(iii) super structure	RCC T-Beam and slab type decking in 4 girder system - M-30
	(iv) General Items	R. C. C parapet in M-20
11.	Name of Contractor	M/s Sunshrey Associates, Ahmedabad
12.	Name of Consultant	Pankaj Patel and Associates, Ahmedabad