

Bridge Across Kankara Creek on Althan - Bamroli Road near Althan Village



1.	Location	Road from Althan and Bamroli
2.	River/ Nala / Creek	Kankara khadi creek
3.	Lane	Four lane
4.	Year of construction	Sept. - 2006
5.	Cost of construction	Rs. 873.35 Lacs.
6.	Details of Bridge	
	(i) Length Bridge	225.00 Mtr.
	(ii) Width of Bridge	21.600 mtr.
	(iii) Number of span	9 Nos. each of 25.0 mtr.
	(iv) Span Length	25.00 mtr.
	(v) Carriage Way	7.50 Mtr. on each side. and 1.5 Mtr. wide Footpath 1.00 Mtr. service road on each side
	(vi) Length of Returns	(i) Althan side : 96.00 mt. (ii) Bamroli side : 62.50 mt.
7.	(i) Design discharge	2700 Cumecs
	(ii) Design H. F. L.	R. L. +7.40 Mtr.
	(iii) Type of bridge	High level Bridge
	(iv) F. R. L.	R. L. (-)22.00 Mtr. pier and Althan side abutment R. L. (-)21.00 Mtr. Bamroli side abutment
	(v) Finsihed Road Top Level	R.L. +11.14mt
8.	Structural Details :	
	(i) Foundation.	1200 M. M. dia. pile foundation - M 30 grade
	(ii) Sub structure	R. C. C. pile cap, pier and pier cap in M-30
	(iii) Super structure	P.S.C. girder and slab decking in 3 girder system in M-45
	(iv) General Items	R. C. C. Parapet in M-25
9.	Name of Contractor	M/s Rachna Construction Co., Unjha
10.	Name of Design Consultant	Consulting Engineer Services (I) Pvt. Ltd., Mumbai