

Construction of Bridge across Creek joining Matrushakti & Mangal deep society in T.P. No. 3 (Karanj) T.P. No. 11 Puna, in Varracha, Surat



01	Location	:	Bridge across Creek joining Matrushakti & Mangal deep society in T.P. No. 3 (Karanj) T.P. No. 11 Puna, in Varracha, Surat.
02	River/ Nala/ Creek	:	Creek
03	Lane	:	Three Lane
04	Year of Construction	:	June- 2013
05	Cost	:	Rs.1,29,65,119=23 Lacs
06	Details of Bridge	:	
	(i) Length of Bridge (Between ends of Decking)	:	12.50 mt.
	(ii) Width of Bridge	:	12.00 mt.
	(iii) Number of Span	:	Single
	(iv) Span Length	:	12.50mt.
	(v) Carriage Way	:	09.00mt.
	(vi) Length of R.C.C. Approaches &Returns	:	5.30 + 5.30 mt
07	(i) Design Discharge	:	-----
	(ii) Design H.F.L.	:	102.620 mt.
	(iii) Type of Bridge	:	Submerssible
	(iv) Finished Road Top Level	:	99.940
08	Structural Details	:	
	(i) Foundation	:	1000mm dia Pile Foundation
	(ii) Substructure	:	Abutment
	(iii) Superstructure	:	R.C.C. Solid Slab (M 12.5 mt.)
	(iv) General Items	:	R.C.C. Wearing coat.
09	Name of Contractor	:	Royal Infra.Engi.Pvt Ltd., Surat.
10	Name of Design Consultant	:	(Pankaj Patel & Associates, Ahmadabad) Pankaj M Patel Consultant Pvt Ltd., Ahmadabad