

Construction of Creek bridge Joining Pandesara Housing Board LIG Quarter & G.I.D.C. Pandesara in Surat



01	Location	: Near Pandesara LIG housing & Pandesara Quarter & G.I.D.C.
02	River/ Nala/ Creek	: Creek bridge
03	Lane	: Two lane
04	Year of Construction	: July-2010
05	Cost	: 174.17 Lacs
06	Details of Bridge	:
	(i) Length of Bridge	: 31.196 mt.
	(ii) Width of Bridge	: 12.750 mt.
	(iii) Number of Span	: 2 nos.(Two)
	(iv) Span Length	: 15.538 mt.
	(v) Carriage Way	: 7.50 mt. with 1.500 mt. footpath bothside
	(vi) Length of Approaches & Returns	: (i) 5.00 mt. (Towards Gopal nagar) (ii) 5.00 mt. (Towards Industrial area)
07	(i) Design Discharge	: N. A.
	(ii) Design H.F.L.	: 9.50 mt.
	(iii) Type of Bridge	: Submersible type
	(iv) F.R.L.	: 9.50 mt.
08	Structural Details	:
	(i) Foundation	: 1000 mm dia. pile foundation
	(ii) Substructure	: RCC Abutment wall, pier and pier cap
	(iii) Superstructure	: PSC solid slab
	(iv) General Items	: RCC Parapet in M25
09	Name of Contractor	: M/S C. R. Patel, Surat.
10	Name of Design Consultant	: Pankaj Patel & Associates, Ahmedabad