

Construction of bridge across creek joining Pandesara to Bamroli near Dantora jakatnaka, Surat



1	Location	: Near Dantora old jakatnaka, Bamroli
2	River/ Nala/ Creek	: Creek bridge
3	Lane	: Two lane
4	Year of Construction	: Oct. - 2009
5	Cost	: 95 Lacs
6	Details of Bridge	:
	(i) Length of Bridge	: 19.00 mt.
	(ii) Width of Bridge	: 13.90 mt
	(iii) Number of Span	: Single
	(iv) Span Length	: 19.00 mt.
	(v) Carriage Way	: 7.50 mt. with 1.450 mt. footpath bothside
	(vi) Length of Approaches & Returns	: 63.0 mt.
7	(i) Design Discharge	: N.A.
	(ii) Design H.F.L.	: 9.325 mt.
	(iii) Type of Bridge	: submersible bridge
	(iv) F.R.L.	: 9.0 mt.
8	Structural Details	:
	(i) Foundation	: 1000 mm dia. pile foundation
	(ii) Substructure	: RCC pier, pier cap and Abutment
	(iii) Superstructure	: PSC solid slab
	(iv) General Items	: RCC parapet
9	Name of Contractor	: Unique Construction, Surat.
10	Name of Design Consultant	: Pankaj Patel & Associates, Ahmedabad.