

**Construction of Creek Bridge in place of existing old Bridge on
Bhedwad khadi joining Pandesara and Bamroli near old Dantora
Jakatnaka, Surat**



01	Location	: Near Old Dantora Jakat naka, Surat
02	River/ Nala/ Creek	: Creek Bridge
03	Lane	: 3 lane (Up & Down)
04	Year of Construction	: 2014
05	Cost	: Rs.1,35,69,299=26 Paise
06	Details of Bridge	:
07	(i) Length of Bridge (Between ends of Decking)	: Total length with approach= 46.88 mt
	(ii) Width of Bridge	: 12.250 mt
	(iii) Number of Span	: 1 (One) Span
	(iv) Span Length	: 19.600 mt
	(v) Carriage Way	: 9.60 mt, Total Width = 12.25 mt
	(vi) Length of R.C.C. Approaches &Returns	: Towards Vadod side=9.050 mt : Towards Piyush Complex = 13.950 mt
07	(i) Design Discharge	: N. A.
	(ii) Design H.F.L.	: 9.325 mt.
	(iii) Type of Bridge	: Submersible bridge
	(iv) Finished Road Top Level	: 9.00 mt
08	Structural Details	
	(i) Foundation	: 1000 mm dia pile foundation
	(ii) Substructure	: R.C.C. pier, pier cap, abutment,
	(iii) Superstructure	: PSC Solid slab
	(iv) General Items	: (1) Strip seal Expansion joint (2) Elastomeric Bearing
09	Name of Contractor	: Chetan Construction Co., Mehsana
10	Name of Design Consultant	: (Pankaj Patel & Associates, Ahmadabad) Pankaj M Patel Consultant Pvt Ltd., Ahmadabad
11	Name of Third Party Inspection (T.P.I.)	: Certificate Engineering India Ltd., Mumbai