

## Construction of creek bridge on variav Khadi in Place of Existing Old bridge at Village Variav in Surat City



01	Location	: Joining of Koliwad & Makhaniya Tekra, Variav Village, Surat.
02	River/ Nala/ Creek/ Lake	: Creek
03	Lane	: Two
04	Year of Construction	: January- 2015
05	Cost	: Rs.2,72,48,280=32 Paise
06	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 40.00 mt
	(ii) Width of Bridge	: 10.00 mt(Main Bridge) & 9.00 mt(Approach)
	(iii) Number of Span	: 2(Two)
	(iv) Span Length	: 20.00 mt
	(v) Carriage Way	: 7.50 mt
	(vi) Length of R.C.C. Approaches &Returns	: 22.855 mt on Makhniya Tekra Side & 10.00 mt on Koliwad Side.
07	(i) Design Discharge	: ---
	(ii) Design H.F.L.	: 22.00
	(iii) Type of Bridge	: Submersible.
	(iv) F.R.L.	: 20.00 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	: Strip seal Expansion Joint, Elastomeric bearing.
09	Name of Contractor	: Radhe Associate, Mehsana
10	Name of Design Consultant	: (Pankaj Patel & Associates, Ahmadabad ) Pankaj M Patel Consultant Pvt Ltd., Ahmadabad
11	Name of Project Management Consultant	: ----
12	Name of Third Party Inspection (T.P.I.)	: Indian Register of Shipping Mumbai