

Construction Of Bridge across creek on 18.00 Mt Wide T.P. Road, T.P. Scheme No.72 (Bamroli) in south zone, Surat



01	Location	: T.P.Scheme No.72(Bamroli), South Zone, Surat.
02	River/ Nala/ Creek/ Lake	: Creek
03	Lane	: Two Lane
04	Year of Construction	: January - 2015
05	Cost	: Rs.1,98,24,160=61 Paise
06	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 19.00 mt
	(ii) Width of Bridge	: 15.900 mt(Main Bridge) & 9.90 mt(Approach Portion)
	(iii) Number of Span	: 01 (One)
	(iv) Span Length	: 19.00 mt
	(v) Carriage Way	: 09.300 mt
	(vi) Length of R.C.C. Approaches &Returns	: 25.330 mt - Bhimrad Side 73.875 mt.- Bamroli Side
07	(i) Design Discharge	: ---
	(ii) Design H.F.L.	: ---
	(iii) Type of Bridge	: Submersible Bridge
	(iv) F.R.L.	: 6.555 mt
08	Structural Details	:
	(i) Foundation	: 1000 mm dia pile foundation
	(ii) Substructure	: Abutment & Abutment cap
	(iii) Superstructure	: PSC Solid Slab(M-45 grade concrete)
	(iv) General Items	: Strip seal Expansion Joint, Elastomeric bearing.
09	Name of Contractor	: Ajay Protech Pvt. Ltd., Unjha
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.)	: Certification Engineers International Ltd., Mumbai