

Construction of Creek Bridge in place of existing Bridge on road joining Puna Canal to Saroli village, Surat



01	Location	:	Construction of Creek Bridge in place of existing Bridge on road joining Puna Canal to Saroli village, Surat.
02	River/ Nala/ Creek	:	Creek (Submersible)
03	Lane	:	Three Lane
04	Year of Construction	:	June - 2013
05	Cost	:	Rs. 2,30,81,639=44 Lacs
06	Details of Bridge	:	-----
07	(i) Length of Bridge (Between ends of Decking)	:	20.00 mt.
	(ii) Width of bridge	:	17.100 mt
	(iii) Number of Span	:	One Single Span
	(iv) Span Length	:	20.00mt.
	(v) Carriage Way	:	13.50mt.
	(vi) Length of R.C.C. Approaches &Returns	:	7.65 + 7.65 = 15.30mt.
07	(i) Design Discharge	:	511Cu.mt.
	(ii) Design H.F.L.	:	11.750 mt.
	(iii) Type of Bridge	:	Submersible
	(iv) Finished Road Top Level	:	10.00 mt.
08	Structural Details		
	(i) Foundation	:	1000mm dia R.C.C. Pile
	(ii) Substructure	:	Abutment
	(iii) Superstructure	:	PSC Solid Slab (M-45 grade concrete)
	(iv) General Items	:	-----
09	Name of Contractor	:	Ajay Protech Pvt. Ltd., Unjha
10	Name of Design Consultant	:	Shah Associates, Ahmedabad.