

Construction of Bridge across Creek joining T.P. No. 21, Sarthana - Simada, Surat



01	Location	:	Bridge across Creek joining T.P. No. 21, Sarthana - Simada, Surat.
02	River/ Nala/ Creek	:	Creek
03	Lane	:	Four Lane (2 + 2)
04	Year of Construction	:	August- 2013
05	Cost	:	Rs. 3,33,60,922=00 Lacs
06	Details of Bridge	:	
	(i) Length of Bridge (Between ends of Decking)	:	26.00mt.
	(ii) Width off bridge	:	23.20 mt
	(iii) Number of Span	:	One single span
	(iv) Span Length	:	26.00mt.
	(v) Carriage Way	:	2 X 7.50mt. = 15 mt
	(vi) Length of R.C.C. Approaches &Returns	:	84.5 mt. (67 +17.50)
07	(i) Design Discharge	:	725 Cu.mt.
	(ii) Design H.F.L.	:	15.150 mt.
	(iii) Type of Bridge	:	Submersible Creek Bridge
	(iv) Finished Road Top Level	:	14.450 mt.
08	Structural Details	:	
	(i) Foundation	:	1000mm dia Pile Foundation
	(ii) Substructure	:	Abutment
	(iii) Superstructure	:	PSC Solid Slab (M-45 grade concrete)
	(iv) General Items	:	-----
09	Name of Contractor	:	Royal Infra Engineering Pvt.Ltd
10	Name of Design Consultant	:	Shah Associates, Ahmedabad.