

Widening of existing Creek Bridge as per T.P. No. 21, 24.00m wide road Sarthana to Kathodara village, Varachha, Surat



01	Location	:	Widening of existing Creek Bridge as per T.P. No. 21, 24.00m wide road Sarthana to Kathodara village, Varachha, Surat.
02	River/ Nala/ Creek	:	Creek Bridge
03	Lane	:	Two Lane
04	Year of Construction	:	August- 2013
05	Cost	:	Tender Amount Rs. 1,37,16,076=33
06	Details of Bridge	:	-----
7	Width	:	Up side : 9.50 mt down Side : 5.30 mt
08	(i) Length of Bridge (Between ends of Decking)	:	17.00mt.
	(ii) Number of Span	:	both the side U/S & D/S.
	(iii) Span Length	:	Upstream side 20.80mt. Downstream side 17.00mt.
	(iv) Carriage Way	:	Two Lane 6.7mt. One Lane 2.5mt.(D/S)
	(v) Length of R.C.C. Approaches &Returns	:	Upstream side 3.65 mt x2 Downstream side 3.65 mt x 2
09	(i) Design Discharge	:	270 Cu.mt.
	(ii) Design H.F.L.	:	15.300 mt.
	(iii) Type of Bridge	:	Submersible Bridge
	(iv) Finished Road Top Level	:	15.835 mt.
10	Structural Details		
	(i) Foundation	:	1000mm dia Pile Foundation
	(ii) Substructure	:	Pier, Pier Cap, Abutment
	(iii) Superstructure	:	PSC Solid Slab (M-45 grade concrete)
	(iv) General Items	:	R.C.C. Wearing coat
11	Name of Contractor	:	Royal Infra.Engineering Pvt. Ltd
12	Name of Design Consultant	:	Shah Associates, Ahmedabad.