

## Construction of Bridge across Creek in T.P. No.43 joining Bamroli and Bhimrad near Ashirwad Enclave, Surat



01	Location	: Near Ashirwad Enclave, Althan - Bhimrad, Surat.
02	River/ Nala/ Creek	: Creek
03	Lane	: Six Lane
04	Year of Construction	: April-2014
05	Awarded Cost	: Rs. 18,91,56,709=50
06	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 225.00mt.
	(ii) Width of Bridge	: 29.90 mt.
	(iii) Number of Span	: 09 (Nine)
	(iv) Span Length	: 25.00mt.
	(v) Carriage Way	: 10.50mt + 10.50mt = 21.00mt. (Three lane Up + Three lane Down)
	(vi) Length of R.C.C. Approaches &Returns	: (1) Bamroli side - 3.90mt + 171.42m=175.32mt. (2) Bhimrad side - 3.90mt + 71.17m= 75.07m
07	(i) Design Discharge	: N. A.
	(ii) Design H.F.L.	: 7.40mt.
	(iii) Type of Bridge	: High Level Creek Bridge
	(iv) Finished Road Top Level	: 10.606mt.
08	Structural Details	:
	(i) Foundation	: Pile Foundation 1000 mm dia
	(ii) Substructure	: Rectangular Pier & Abutment wall
	(iii) Superstructure	: PSC I Girder, Deck Slab
	(iv) General Items	: (1) Strip seal Expansion joint (2) Elastomeric Bearing
09	Name of Contractor	: Rachna construction co., panoli
10	Name of Design Consultant	: (Pankaj Patel & Associates, Ahmadabad ) Pankaj M Patel Consultant Pvt Ltd., Ahmadabad
11	PMC	: Mahimtura Consultants Pvt Ltd, Mumbai