

**Construction of " Shri Prithviraj Chauhan "Fly Over Bridge  
at Evershine Circle, Bhatar road char rasta, Surat. (UNDER  
SJMMSVY)**



01	Location	: Evershine Circle Junction, Bhatar Char Rasta
02	River/ Nala/ Creek	: Fly Over Bridge
03	Lane	: Three Lane Up & Three Lane Down
04	Year of Construction	: June-2013
05	Cost	: Rs. 24,07,89,028=09
06	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 271.90mt. (Total 449.025mt incl. approach)
	(ii) Width of Bridge	: 23.200mt.
	(iii) Number of Span	: 2 X 14 = 28
	(iv) Span Length	: 10.00 X 1 X 2 = 20mt. 12.50 X 5 X 2 = 125mt. 21.70 X 2 X 2 = 86.80mt. 25.00 X 4 X 4 = 200 mt. 28.00 X 2 X 2 = 112 mt For both Up & Down (Three Lane Up & Three lane Down)
	(v) Carriage Way	: 2 X 10.50mt. both Up & Down Total width 23.20mt.
	(vi) Length of R.C.C. Approaches & Returns	: Towards Uhana =87.123 mt. Towards Magadalla =90.002 mt.
07	(i) Design Discharge	: N. A.
	(ii) Design H.F.L.	: N. A.
	(iii) Type of Bridge	: Fly Over Bridge
	(iv) Finished Road Top Level	: 16.062 mt.
08	Structural Details	:
	(i) Foundation	: RCC Bored Cast in situ 1000mm dia 164 Nos. of pile, Pile Foundation
	(ii) Substructure	: Rectangular Pier
	(iii) Superstructure	: PSC / RCC Solid Slab
	(iv) General Items	: (1) Strip seal Expansion joint (2) Elastomeric Bearing
09	Name of Contractor	: Ranjit Buildcon Ltd, Ahmedabad.
10	Name of Design Consultant	: (Formally Pankaj Patel & Associates, Ahmedabad.) Pankaj M.Patel Consultants Pvt Ltd., Ahmedabad
11	PMC	: (Formally Pankaj Patel & Associates, Ahmedabad.) Pankaj M.Patel Consultants Pvt Ltd., Ahmedabad