

Construction of 2 x 2 lane split flyover bridge on 45.00 mt. wide middle ring road at Sitanagar / PunaVillage Junction in Varachha, Surat.



1	Name of Work	:	Construction of 2 x 2 lane split flyover bridge on 45.00 mt. wide middle ring road at Sitanagar / PunaVillage Junction in Varachha, Surat.
2	Location	:	Puna (TP 11) - East Zone
3	River/Nala/Creek	:	Fly Over Bridge
4	Lane	:	2x 2 lane Fly over Bridge
5	Year of Inauguration	:	Feb -2014
6	Tender Amount	:	Rs. 26.69 cr
7	Details of Bridge		
	(i) Length of Bridge	:	678.37 m
	(ii) Number of span	:	16 spans
	(iii) Span Length	:	14 span - 25 m, 1 span - 35m, 1 span - 20 m
	(iv) Width of Bridge	:	2 x 8.4 m (2 x 7.5 m Carriage way + 2 x 2 x 0.45 m Crash Barrier)
	(v) Length of Returns / Approaches	:	145.0 m (Kapodra side) 128.37 m (Parvat gam side)
8	(i) Design Discharge	:	N.A.
	(ii) Design H.F.L.	:	N.A.
	(iii) Type of bridge	:	Fly Over Bridge
	(iv) F.R.L.	:	Varies
9	Structural Details		
	(i) Foundation	:	1000 mm dia. Pile Foundation (M-35)
	(ii) Substructure	:	RCC Pier (M 35), Pier cap (M 35)
	(iii) Superstructure	:	Pre-cast girder type (M 40) Deck Slab (M 40)
	(iv) General Items	:	Crash Barrier (M 35), Wearing coat (M 35), Elastomeric Bearing
10	Name of Contractor	:	Rachana Construction Company, Ankleshwar
11	Name of Design Consultant	:	Casad Consultants, Ahmedabad
12	Name of Project Management Consultant	:	Urban Mass Transit Company Ltd., (UMTC), New Delhi
13	Proof checking Consultancy	:	—