

## Construction of " Pandit Madan Mohan Malaviya" Fly over Bridge at Kharwarnagar junction on Surat Navsari Road



1	Name of work	:	Construction of " Pandit Madan Mohan Malaviya" Fly over Bridge at Kharwarnagar junction on Surat Navsari Road
2	Location	:	Kharwarnagar Junction at Surat-Navsari Road
3	River/ Nala/ Creek/ Lake	:	Fly over Bridge
4	Lane	:	2 x 2 lane Split Fly over Bridge
5	Year of Inauguration	:	Jan -2012
6	Tender Cost	:	Rs.34.37 Cr.
7	Details of Bridge	:	
	(i) Length of Bridge	:	East side :- 546.27 mt. West side :- 556.26 mt.
	(ii) Number of Span	:	2 x 41 Nos.
	(iii) Span Length	:	East side :- 6x5.953, (5+5) x 10.00, (1+1)x 6.00, (6+1+6)x20.00 , 2 x 40.00 , 1 x 18.00,7x 5.792 West Side :- 6 x 6.268 , (5+5) x 10.00, (6+6) x20.00, 2x18.00, 2x45.00, 1 x 6.00 , 7 x 5.807
	(iv) Carriage Way	:	2 x 7.5 mtr.
	(V) Width of Bridge	:	2 x 8.40 mt
8	(i) Design Discharge	:	N.A.
	(ii) Design H.F.L.	:	N.A.
	(iii) Type of Bridge	:	Fly over Bridge
9	Structural Details	:	
	(i) Foundation	:	R.C.C. Bored cast in situ pile foundation 1200 mm $\phi$ , 600 mm $\phi$
	(ii) Substructure	:	R.C.C. pier & pier cap in M30 grade Concrete.
	(iii) Superstructure	:	Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings
	(iv) General Items	:	R.C.C. crash barrier
10	Name of Contractor	:	Rajkamal Builders Infrastructure Pvt. Ltd., Ahmedabad
11	Name of Design Consultant	:	CEPT University, Ahmedabad
12	Name of Project Management Consultant	:	Urban Mass Transit Co. Ltd. (UMTC), New Delhi
13	Proof checking Consultancy	:	–