

Construction of "Netaji Subhashchandra Bose" Fly over Bridge at Aai Mata junction on Surat-Bardoli Road



1	Name of work	:	Construction of "Netaji Subhashchandra Bose" Fly over Bridge at Aai Mata junction on Surat-Bardoli Road		
2	Location	:	Aai Mata Junction at Surat-Bardoli Road		
3	River/ Nala/ Creek/ Lake	:	Fly over Bridge		
4	Lane	:	2 x 2 lane Split Fly over Bridge		
5	Year of Inauguration	:	January-2011		
6	Tender Cost	:	Rs.42.79 Cr.		
7	Details of Bridge	:			
	(i) Length of Bridge	:	East side :- 450.00 mt. West side :- 450.00 mt.		
	(ii) Number of Span	:	2 x 20 Nos.		
	(iii) Span Length	:	East side :- 2 x 45.00 , 18 x 20.00 West side :- 2 x 45.00, 18 x 20.00		
	(iv) Carriage Way	:	2 x 7.5 mtr.		
	(V) Width of Bridge	:	2 x 8.40 mt		
	(v) Length of R.C.C. Approaches & Returns	:		Towards Ring Road	Towards Navsari
			East side :-	171.89	101.74
			West side :-	168.83	101.74
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 ø		
	(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	:	Vijay M. Mistry Construction 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	:	-		