

**Construction of 2x3 lane Fly over Bridge at 60.00 mt wide Varachha road over Savji Korat river bridge jn to Sarthana Jakatnaka jn for Surat BRTS**



1	Name of work	:	Construction of 2x3 lane Fly over Bridge at 60.00 mt wide Varachha road over Savji Korat river bridge jn to Sarthana Jakatnaka jn for Surat BRTS.	
2	Location	:	Savji Korat River Bridge Junction & Sarthana Jakatnaka junction	
3	River/ Nala/ Creek/ Lake	:	Fly Over Bridge	
4	Lane	:	2x 3 lane Fly over Bridge	
5	Year of Inauguration	:	Jan-2016 (28/01/2016)	
6	Tender Cost	:	Rs.80.80 Cr.	
7	Details of Bridge	:		
	(i) Length of Bridge	:	1217 mt.	
	(ii) Number of Span	:	103 Nos.	
	(iii) Span Length	:	R.C.C. span 4x45.00 , 90 x20.00 mt. , 9x10.00 mt.	
	(iv) Carriage Way	:	11.00 mt (UP & Dn)	
	(V) Width of Bridge	:	2 x 11.90 mt	
	(v) Length of returns/approaches	:	R.E. Wall 339.2 Rmt	R.C.C. Span Structure Approach 90 Rmt
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	:	R.C.C. Bored cast in situ pile foundation 1200 mm $\phi$ , 600 mm $\phi$	
	(ii) Substructure	:	R.C.C. pier & pier cap in M35 grade Concrete.	
	(iii) Superstructure	:	Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings	
	(iv) General Items	:	3 R.E. Wall approach & One R.C.C. solid slab approach, R.C.C. crash barrier, wearing coat	
10	Name of Contractor	:	Valecha Engineering Ltd., Mumbai	
11	Name of Design Consultant	:	Multi Media Consultant Pvt. Ltd., Ahmedabad	
12	Name of Project Management Consultant	:	Construma Consultancy Pvt. Ltd., Mumbai	
13	Proof checking Consultancy	:	R & B Design Circle, Gandhinagar	