

**Construction of 2X3 lane "Veer Kavi Narmad Setu" Fly Over Bridge at Anuvrat Dwar junction & Canal Road junction on 60 m. wide Udhana Magadlla road for Surat BRTS Phase-II.**



1	Name of work	:	Construction of 2X3 lane "Veer Kavi Narmad Setu" Fly Over Bridge at Anuvrat Dwar junction & Canal Road junction on 60.00m. wide Udhana Magadlla road for Surat BRTS Phase-II.
2	Location	:	Anuvrat Dwar Junction & Canal road Junction at Udhana Magdalla Road
3	River/ Nala/ Creek/ Lake	:	Fly over Bridge
4	Lane	:	2 X 3 lane Fly over Bridge
5	Year of Inauguration	:	July -2016 (15/07/2016)
6	Tender Cost	:	Rs.64.36Cr.
7	Details of Bridge		
	(i) Length of Bridge	:	1010.00 mt.
	(ii) Number of Span	:	133 Nos
	(iii) Span Length	:	R.C.C. span :- 2x50.50, 8x25.2, 56x20.00mt, 20x10.00, 40x6.25mt, 7x17.50mt
	(iv) Carriage Way	:	11.00 mt. Up + 11.00 mt. Dn.
	(V) Width of Bridge	:	2 x 11.90mt
	(v) Length of R.C.C. Approaches & Returns	:	110 mt.
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 ø, 600 mm ø.
	(ii) Substructure	:	R.C.C. pier & pier cap in M35 grade Concrete.
	(iii) Superstructure	:	Precast, Prestressed/Post tensioned girder and PSC box slab in M45 grade concrete. POT PTFE Bearings
	(iv) General Items	:	R.C.C. crash barrier (M40), wearing coat
10	Name of Contractor	:	Ranjit Buildcon Ltd.,Ahmedabad
11	Name of Design Consultant	:	Multi Media Consultant Pvt. Ltd., Ahmedabad
12	Name of Project Management Consultant	:	Casad Consultant Pvt. Ltd.,Ahmedabad
13	Proof checking Consultancy	:	R & B Design Circle, Gandhinagar