

**Construction of 2 X 2 Lane Split F.O.B. at Vishwakarma Jn. Middle Ring Road Crossing Canal from Puna Jakat naka to Simada.**



1	Name of work	:	Construction of 2 X 2 Lane split F.O.B. at Vishwakarma Junction Middle Ring Road Crossing canal from Puna Jakat naka to Simada.
2	Location	:	Fly Over Bridge on middle Ring Road Vishwakarma Junction near Puna gam
3	River/ Nala/ Creek/ Lake	:	Fly Over Bridge
4	Lane	:	2 x 2 Lane Fly Over Bridge
5	Year of Inauguration	:	Feb -2014
6	Tender Cost	:	Rs. 33.38 Cr.
7	Details of Bridge		
	(i) Length of Bridge	:	685 mt.
	(ii) Number of Span	:	102 Nos.
	(iii) Span Length	:	1 x 50.00mt., 16 x 20.00 mt., 20 x 10.00mt., 12 x 6.25 mt.(Both side - UP and Down)
	(iv) Carriage Way	:	2 x 7.5 mt
	(V) Width of Bridge	:	2 x 8.40 mt
	(v) Length of R.C.C. Solid Approaches	:	2 x 137.5 mt. (Both 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	:	R.C.C. Bored Cast in situ Pile Foundation 1200 mm $\phi$ , 1000 mm $\phi$
	(ii) Substructure	:	R.C.C. Pier & Pier Cap in M35 Grade Concrete.
	(iii) Superstructure	:	Pre-Tensioned Pre-Stressed Precast Girder and PSC Box Girder in M45 Grade Concrete, POT-PTFE Bearings
	(iv) General Items	:	R.C.C. Solid Slab Approach, R.C.C. Crash Barrier, R.C.C 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	:	Urban Mass Transit Co. Ltd. (UMTC),New Delhi
13	Proof Checking Consultancy	:	—