

Widening of Creek Bridge at Kharwarnagar Khadi



1	Name of work	:	Widening of Creek Bridge at Kharwarnagar Khadi
2	Location	:	Near Kharwarnagar Junction on BRTS Canal Road
3	River/ Nala/ Creek/ Lake	:	Creek
4	Lane	:	RHS :- Two lane LHS :- Three + BRT lane
5	Year of Inauguration	:	March - 2012
6	Tender Cost	:	Rs.16. 47 Cr.
7	Details of Bridge	:	
	(i) Length of Bridge	:	U/S - 98.00 mt D/S - 98 .00 mt
	(ii) Number of Span	:	08 Nos.
	(iii) Span Length	:	12.25 mtr.
	(iv) Carriage Way	:	22.10 mt., 11.80 mt. (Footpaths: 1.50 mt. both side)
	(V) Width of Bridge	:	U/S - 22.10 mt D/S - 11.80mt
8	(i) Design Discharge	:	-----
	(ii) Design H.F.L.	:	-----
	(iii) Type of Bridge	:	Creek Bridge
	(iv) F.R.L.	:	--
9	Structural Details		
	(i) Foundation	:	R.C.C. Bored cast in situ pile foundation 1.2 mt. ø under piers in M35 grade concrete.
	(ii) Substructure	:	R.C.C. type pier M30 grade concrete & pier cap in M35 grade Concrete.
	(iii) Superstructure	:	Solid slab M35 grade concrete on elastomeric bearings
	(iv) General Items	:	Crash barrier in M40 grade concrete
10	Name of Contractor	:	Rachana Construction Co., Ankleshwar, Dist.Bharuch
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	:	–