

Elevated road from Railway Station to Maan Darwaja on Ring Road (Dr. Baba Saheb Ambedkar Fly Over Bridge)



Project Technical Details

1.	Location	Ring road , From Man darwaja to Sardar Market ,
2.	River/Nala/Creek	Fly Over Bridge
3.	Lane	Four lane (Man darwaja to surat textile market)
4.	Year of construction	2000
5.	Cost	Rs. 1800 lacs
6.	Details of Bridge	
	(i) Length of Bridge	Main Bridgr - 1870.00 mtrs Entry & Exit Ramp - 325.00 mtr.
	(ii) Width of Bridge	1) Man darwaja to Surat textile market 16.45 mtr. 2) Surat textile market to Sardar Market 12.90 mtr. 3)Entry & Exit Ramp 5.900 mtr.
	(iii) Number of span	82 Nos.
	(iv) Span Length	20.00 mtrs
	(v) Carriage Way	Main Bridge 7.50 mtr. + 7.50 mtr. Entry & Exit Ramp 5.200 mtr.
	(vi) Length of Approach (1)Man Darwaja (2)Sardar Market	(1) 105 mtrs (2) 105 mtrs
7.	(i)Design Discharge	Not applicable
	(ii) Design H.F.L.	Not applicable.
	(iii) Type of bridge	Fly over bridge
	(iv) F.R.L.	
8.	Structural Details :	
	(i) Foundation.	Open foundations in M-25 Concrete
	(ii) Substructure	Wall type piers in M-25 Concrete
	(iii) Superstructure	Box type Girder slab in M-25 Concrete simply supported on elastomeric bearings.
	(iv) General Items	R.C.C Parapet
9.	Name of Contractor	Patel Engineering Co. Ltd., Mumbai
10.	Name of Design Consultant	Multi Media Consulting Engineers, Ahmedabad.
11.	Name of Project Management Consultant	Contruma Consultant Pvt Ltd, Mumbai