

## Construction of “Shahid Veer Bhagat sinh” Fly Over Bridge at Parle Point junction on Surat Dumas main road, Surat (Under SJMMSVY)



1.	Location	: From Ashvin Mehta park junction to Sargam shopping centre on Surat-Dumas road and one up ramp from Ghod-dod road, Surat.
2.	River/ Nala/ Creek	: Fly Over Bridge
3.	Lane	: Two + Two
4.	Year of Construction	: December-2010
5.	Cost (Estimated)	: Rs.5900 Lacs
6.	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: Main Bridge - 993.90 mt. Branch - 371.80 mt.
	(ii) Width of Bridge	: Main Bridge - 17.20 mt. Ghoddod side - 6.00 mt.
	(iii) Number of Span	: 31 nos.(25 main bridge + 6 no branch)
	(iv) Span Length	: 24.60 mt. to 35.0 mt.
	(v) Carriage Way	: 7.5 mt. x 2 = 15.0 mt.
	(vi) Length of R.C.C. Approaches &Returns	: Dumas side - 213.82 mt. Surat side - 110.58 mt. Ghoddod side - 148.0 mt.
7.	(i) Design Discharge	: N.A.
	(ii) Design H.F.L.	: N.A.
	(iii) Type of Bridge	: Fly Over bridge
	(iv) F.R.L.	: ---
8.	Structural Details	:
	(i) Foundation	: Pile foundation
	(ii) Substructure	: Pier, Pier cap
	(iii) Superstructure	: PSC 'I' Girder
	(iv) General Items	: R.E.Wall in approach
9.	Name of Contractor	: Ranjit Buildcon Limited, Ahmedabad.
10.	Name of Design Consultant	: Casad Consultant, Ahmedabad ( Own Design)
11.	Name of Project Management Consultant	: Multi Media Consultant Pvt. Ltd., Ahmedabad
12.	Name of Proof Consultant	: Sardar Vallabhbai National Institute of Technology (SVNIT), Surat.