

Construction of the Fly Over Bridge at Gujarat Gas Circle junction on Surat Hazira main Road, Surat (Under SJMMSVY)



1.	Location	Adjoining to Sardar bridge near Gujarat Gas circle, Bulka bhavan school junction on Surat - Hazira road and On Anand Mahel road.
2.	River/ Nala/ Creek	: Fly Over Bridge
3.	Lane	: Two
4.	Year of Construction	: Up Ramp : May-2012 : Down Ramp : Sept.- 2012
5.	Project Cost	: Rs. 3839.22 Lacs
6.	Details of Bridge	: 2 up + 2 down lane seperate
	(i) Length of Bridge (Between ends of Decking)	: 1338.08 mt. (661.50 mt. Sardar br. to Anand Mahal rd. + 462.70 mt. Adajan pump to Sardar br + 220.00 mt. opp. Bhulkabhavan school.)
	(ii) Total width of Bridge	: 8.50 mt.
	(iii) Number of Span	: 36 nos.
	(iv) Span Length	: Max. 33 mt , min 24 mt
	(vi) Carriage Way	: 7.50 mt.
	(vii) Length of R.C.C. Approaches &Returns	(i) 60.00 mt. : (ii) 98.00 mt. (iii) 102.00 mt.
7.	(i) Design Discharge	: N.A.
	(ii) Design H.F.L.	: N.A.
	(iii) Type of Bridge	: Fly Over Bridge
	(iv) Finished Road Level	: Varies
8.	Structural Details	
	(i) Foundation	: Pile Foundation
	(ii) Substructure	: Pier
	(iii) Superstructure	: PSC Voided slab
	(iv) General Items	: RCC Retaining wall in approaches
9.	Name of Contractor	: Rajkamal Builders Infrastructure Pvt. Ltd., Ahmedabad
10.	Name of Design Consultant	: Consulting Engineers Services (India) Ltd., Navi Mumbai
11.	Name of Project Management Consultant	: S. N. Bhohe & Associates Pvt. Ltd., Navi Mumbai.
12.	Name Proof Check Consultant	: Sardar Vallabhbhai National Institute of Technology (SVNIT)