

## Construction of Fly Over Bridge at Nana Varachha junction on Varachha Main road, Surat. (Under JnNURM)



### Project Technical Details

1.	<b>Location</b>	:	On Varachha main road at Nana Varachha Gamtal junction
2.	<b>River/ Nala/ Creek</b>	:	Fly Over Bridge
3.	<b>Lane</b>	:	Six (3 up + 3 down)
4.	<b>Year of Construction</b>	:	Mar. - 2008
5.	<b>Cost</b>	:	Rs. 870.86 Lacs
6.	<b>Funding under JnNURM Scheme</b>		
	<b>Sanctioned project cost</b>	:	Rs. 758 Lacs
	<b>Share of Gol (50%)</b>	:	Rs. 379 Lacs
	<b>Share of GoG (20%)</b>	:	Rs. 151.60 Lacs
	<b>Share of SMC (30%)</b>	:	Rs. 227.40 Lacs
7.	<b>Details of Bridge</b>	:	
8.	<b>(i) Length of Bridge (Between ends of Decking)</b>	:	125.0 mt.
	<b>(ii) Width of Bridge</b>	:	24.00 mt
	<b>(iii) Number of Span</b>	:	5 nos.
	<b>(iv) Span Length</b>	:	25 mt.
	<b>(v) Carriage Way</b>	:	11 mt. (Three lane up) + 11 mt. (Three lane down) = 22 mt.
	<b>(vi) Length of R.C.C. Approaches &amp;Returns</b>	:	(i) Surat side: 158.0 mt. (ii) Kamrej side : 180.0 mt.
9.	<b>(i) Design Discharge</b>	:	N.A.
	<b>(ii) Design H.F.L.</b>	:	N.A.
	<b>(iii) Type of Bridge</b>	:	Fly Over Bridge
10.	<b>Structural Details</b>		
	<b>(i) Foundation</b>	:	Open Foundation
	<b>(ii) Substructure</b>	:	R.C.C. Cast in Situ "V" shape pier
	<b>(iii) Superstructure</b>	:	R.C.C. cast in situ portal frame / Box type
	<b>(iv) General Items</b>	:	R.C.C. Anti crash barrier
11.	<b>Name of Contractor</b>	:	Rajkamal Builders Infrastructure Pvt. Ltd., Ahmedabad.
12.	<b>Name of Design Consultant</b>	:	S.N.Bhobe & Associates, Pvt. Ltd., Navi Mumbai.
13.	<b>Name of Project Management Consultant</b>	:	S.N.Bhobe & Associates, Pvt. Ltd., Navi Mumbai.
14.	<b>Name of Third Party Inspection Agency</b>	:	Certification Engineers International limited, New Delhi.