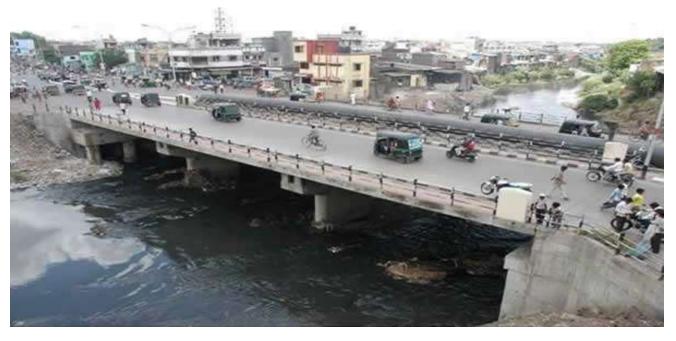
## Construction of bridge on Mithi khadi in upstream of existing bridge near Dumbhal tenament, Surat



1.	Location Near Dumbhal Tenament and Anjana Sewage treatment plant		
	Location		
2.	River/Nala/Creek		Creek bridge
3.	Lane		Two
4.	Year of Construction		Oct 2006
5.	Cost		Rs. 81.12 Lacs
6.	Details of Bridge:-		
	1	Length of bridge between ends of decking	36.90 mt. (skew bridge)
	2	Width of Bridge	11.250 mt
	3	No. of spans	3
	4	Span length	12.30 mt.
	5	Carriage way	7.50 mt. + 1.50 mt. footpath on one side (U/s side) + 1.80 mt.  Cantilever slab for service on adjoining existing bridge side.
	6	Length of RCC approaches & returns	14.00 mt + 14.00 mt
7.	(i) Design Discharge		740 cumecs
	(ii) Design H.F.L.		R.L. (+) 10.40 mt.
	(iii) Type of Bridge		Submersible
	(iv) F.R.L. (Road top)		R.L. +9.80 mt
8.	Structural details :		
	(i) Foundation		1000 mt. dia. Pile foundation in M30 concrete
	(ii) Substructure		Pile cap M20 controlled concrete, RCC wall type piers
	(iii) Superstructure		RCC solid slab in M20 controlled conc. and supported over Elastomeric bearings, Concrete wearing coat in M25 controlled concrete
	(iv) General items		Post and Pipe railing
9.	Name of Contractor		Sonal Construction, Surat
10.	Name of Design Consultant		Jignesh B. Gandhi, Casad Consultant, Ahmedabad.
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