

**Construction of bridge across Mithikhadi on 36 mt. TP road near Model Township, Dumbhal in Surat**



1.	<b>Location</b>	On road joining Dumbhal & Limbayat on Mithi khadi near Model Township
2.	<b>River/Nala/Creek</b>	Creek bridge
3.	<b>Lane</b>	2 up & 2 down lane (4 - lane)
4.	<b>Year of Construction</b>	March - 05
5.	<b>Cost</b>	Rs. 209.54 Lacs
6.	<b>Details of Bridge:</b>	
	1	<b>Length of bridge between ends of decking</b> 68.30 mt.
	2	<b>Width of Bridge</b> 22.320 mt
	3	<b>No. of spans</b> Three
	4	<b>Span length</b> 2 x 20 mt. + 1 x 28.0 mt.
	5	<b>Carriage way</b> 7.5 mt. +7.5 mt
	6	<b>Length of returns</b> 7.75 mt + 7.75 mt
7.	<b>(i) Design Discharge</b>	N.A.
	<b>(ii) Design H.F.L.</b>	9.60 mt.
	<b>(iii) Type of Bridge</b>	High Level bridge
	<b>(iv) Finished Road Top Level</b>	13.065 mt.
8.	<b>Structural details :</b>	
	<b>(i) Foundation</b>	Pile Foundation
	<b>(ii) Substructure</b>	RCC Circular single pier
	<b>(iii) Superstructure</b>	RCC I Girder
	<b>(iv) General items</b>	RCC parapet
9.	<b>Name of Contractor</b>	M/s. Rachana Construction Co., Mehsana
10.	<b>Name of Design Consultant</b>	Jignesh B. Gandhi, Casad Consultant, Ahmedabad.