

**Bridge across creek near T.P. Sch. no. 8 (Umarwada), F.P. 80**  
**Sanjaynagar , Surat**



**Project Technical Details:**

1.	<b>Location</b>	Across creek T.P.Sch no. 8 (Umarwada) near F. P. 80 behind APMC market. sanjay nagar
2.	<b>River/ Nala / Creek</b>	Creek Bridge
3.	<b>Lane</b>	Two lane
4.	<b>Cost</b>	Rs. 20.59 Lacs
5.	<b>Year of construction</b>	2004.
6.	<b>Details of Bridge</b>	
	<b>(i) Length of Bridge</b>	17.00 Mtr.
	<b>(ii) Width of Bridge</b>	9.50 Mtr.
	<b>(iii) Number of Spans</b>	2 Nos.
	<b>(iv) Span Length</b>	8.0 Mtr.
	<b>(v) Carriage Way</b>	6.90 Mtr.
	<b>(vi) Length of RCC Wing wall</b>	3.0 mt. both sides
7.	<b>Design H. F. L.</b>	R. L. (+) 10.45 mt.
8.	<b>Type of bridge</b>	Submersible Bridge
9.	<b>Finished Top Road Level</b>	R. L. (+) 8.95 mt.
10.	<b>Structural Details :</b>	
11.	<b>(i) Foundation.</b>	Open Foundation
	<b>(ii) Sub structure</b>	R. C. C. Wall Abutment & pier
	<b>(iii) Super structure</b>	R. C. C. solid slab
	<b>(iv) General Items</b>	I-type railing, RCC Retaining wall in 3.0 mt. & 5.0 mt. length on U/s and D/s respectively.
12.	<b>Name of contractor</b>	Shri Mahendra M. Patel, Ahmedabad.
13.	<b>Name of Design Consultant</b>	S. N. Bhoje & Associates Pvt. Ltd., New Bombay. (Main Consultant)
		VMS Engineering & Design Services (P) Ltd., Ahmedabad. (Associate Consultant)