

**Widening of Existing Bridge (on upstream side) across creek on (S.H. No. 167) near Varachha Water Works**



1.	<b>Location</b>	On Road from Surat to Kamrej (S. H. No. 167)
2.	<b>River/Nala/Creek</b>	Local creek
3.	<b>Lane</b>	Four lane
4.	<b>Year of construction</b>	2000
5.	<b>Cost</b>	Rs. 58.46 lacs
6.	<b>Details of Bridge</b>	
	(i) Length of Bridge	33.50 mtr.
	(ii) Width of bridge	18.40 mtr
	(iii) Number of span	3 Nos.
	(iv) Span Length	2x10 mtr. + 1x13.5 mtr.
	(v) Carriage Way	14.80 mtr.
	(vi) Length of Returns	Left side- 6.4 mtr. Right side - 6.4 mtr.
7.	(i) Design Discharge	100 Cumecs
	(ii) Design H. F. L.	R.L. 13.1 mtr.
	(iii) Type of bridge	High Level Bridge
	(iv) F.R.L.	15.925 mt
8.	<b>Structural Details :</b>	
	(i) Foundation.	Open foundation
	(ii) Substructure	RCC wall type pier
	(iii) Superstructure	RCC T-beam Girder slab type
	(iv) General Items	R.C.C. Parapet
9.	<b>Name of Contractor</b>	M/s Sonal Construction Co, Surat.
10.	<b>Name of Consultant</b>	Multi Media Consulting Engineers, Ahmedabad.