

## Bridge across creek near Palia Ground-1(Bharimata)



1.	Location	Road from Surat to Dabholi
2.	River/Nala/Creek	Local creek
3.	Lane	Two lane
4.	Year of construction	1992
5.	Cost	Rs.15.75 Lacs
6.	Details of Bridge	
	Length of Bridge	19.60 mtr. (skew bridge)
	Width of bridge	11.610 mtr.
	(ii) Number of span	One
	(iii) Span Length	19.6 mtr.
	(iv) Carriage Way	7.5 mtr. + 1.75 mtr. wide footpath on both side.
	(v) Length of Returns	Left side - 2.018 mtr. Right side - 3.63 mtr.
7.	(i) Design Discharge	85 Cumecs
	(ii) Design H.F.L.	R.L.5.5 mtr.
	(iii) Type of bridge	Submersible bridge.
	(iv) F.R.L.	(+) 8.00 mtr.
8.	Structural Details :	
	(i) Foundation.	Open foundations
	(ii) Substructure	R.C.C. wall type substructure.
	(iii) Superstructure	Pre-stressed solid slab type submersible decking in M-40 concrete.
	(iv) General Items	Post and Pipe type Railing.
9.	Name of Contractor	M/s. Shreenath Construction Co., Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.