

Bridge across local creek near Palia Ground-2 (Bharimata)



1.	Location	Road from Surat (Walled City) to Dabholi
2.	River/Nala/Creek	Local Creek
3.	Lane	Two lane
4.	Year of construction	1993
5.	Cost	Rs.18.66 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	12.00mt
	(ii) Width of bridge	11.655 mtr
	(iii) Number of span	One (1)
	(iv) Span Length	12.00 mt
	(v) Carriage Way	7.5 mt+1.50 m wide footpath on bothside.
	(vi) Length of Returns	left side : 4.00mt Right side : 6.00 mt
7.	(i) Design Discharge	215 camecs
	(ii) Design H.F.L.	+8.70 mtr
	(iii) Type of bridge	Submersible bridge
	(iv) F.R.L.	+8.70 mtr
8.	Structural Details :	
	(i) Foundation.	Open Foundation RCC M-20
	(ii) Substructure	R. C. C substructures M-20 in form of counter fort type abutment.
	(iii) Superstructure	R.C.C. Solid slab in M-20 Concrete simply supported over elastomeric bearing,
	(iv) General Items	post and pipe railing
9.	Name of Contractor	M/s.Shreeji Builders., Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.