

## Bridge across creek near Laxminagar- TP 3



1.	Location	Road from Bombay Market to Archana Vidhyalaya
2.	River/Nala/Creek	Local khadi
3.	Lane	Six lane
4.	Year of construction	1996
5.	Cost	Rs.37.87 Lacs
6.	Details of Bridge	
	(i) Length of Bridge	18 mtr.
	(ii) Width of bridge	25.88 mt
	(iii) Number of span	Two
	(iv) Span Length	9.0 mtr.
	(v) Carriage Way	21.89 + 1.67 mtr.wide footpath on both sides.
	(vi) Length of Returns	Left side - 5.00 mtr. Right side - 5.00 mtr.
7.	(i)Design Discharge	270 Cumecs
	(ii) Design H.F.L.	R.L.10.25 mtr.
	(iii) Type of bridge	Submersible bridge.
	(iv) F.R.L.	11.25 mt
8.	Structural Details :	
	(i) Foundation.	Open foundation for pier and abutments.
	(ii) Substructure	R.C.C. substructure in M-20 concrete.
	(iii) Superstructure	R.C.C. solid slab decking suitable for submergence..
	(iv) General Items	Post and pipe railing..
9.	Name of Contractor	Harish J. Patel, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.