

## Construction of bridge across creek joining Tulsidham society & Jay Ambenagar at Bamroli, Surat



1.	Location	: On Road joining Tulsidham and Jay ambe nagar in Bamroli Area, Surat
2.	River/ Nala/ Creek	: Creek Bridge
3.	Lane	: 03 Lane
4.	Year of Construction	: November- 2009
5.	Cost	: Rs.195.00 Lacs
6.	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 25 mt.
	(ii) Width	: 18.00 mt.
	(iii) Number of Span	: 1 nos.
	(iv) Span Length	: 25 mt.
	(v) Carriage Way	: 12.6 mt. with 0.9 mt. footpath both side
	(vi) Length of R.C.C. Approaches &Returns	: (i) 22.00 mt. ( Towards Tulsidham) (ii) 50.00 mt. ( Towards JAY Ambe nagar)
	(vii) Subway for pedestrian crossing	: Footpath & Services slab : 1.20 mt & 1.50 mt bothside.
8.	(i) Design Discharge	: 4.50 cumecs
	(ii) Design H.F.L.	: 9.25 mt
	(iii) Type of Bridge	: Submersible Bridge
	(iv) F.R.L.	: 9.25 mt
9.	Structural Details	:
	(i) Foundation	: 1000 mm dia pile Foundation
	(ii) Substructure	: pier, pilecap & RCC abutment pier
	(iii) Superstructure	: PSC Solid type slab
	(iv) General Items	: RCC Parapet
10.	Name of Contractor	: Unique Construction, Surat.
11.	Name of Design Consultant	: Multi Media Consulting Engineers, Ahmedabad.
12.	Name of Project Management Consultant	: Multi Media Consulting Engineers, Ahmedabad.