

Construction of creek bridge on 45.00 mt draft T.P. road (Part of Middle ring Road) near Parvat-Dumbhal creek in Limbayat area (Under SJMMSVY)



01	Location	: Creek bridge on 45.00 mt draft T.P. road (Part of Middle ring Road) near Parvat-Dumbhal creek in Limbayat area.
02	River/ Nala/ Creek	: Creek
03	Lane	: 3(Three) Lane (Up & Down)
04	Year of Construction	: July-2011
05	Cost	: 3,43,26,436=75
06	Details of Bridge	:
	(i) Length of Bridge (Between ends of Decking)	: 25.00 mt
	(ii) Width of bridge	: 34.40 mt.
	(iii) Number of Span	: 1(One)
	(iv) Span Length	: 25.00 mt
	(v) Carriage Way	: 11.00 mt + 11.00 mt (Up & Down)
	(vi) Length of R.C.C. Approaches & Returns	: 63.38 mt + 56.91 mt
07	(i) Design Discharge	:
	(ii) Design H.F.L.	: 11.649
	(iii) Type of Bridge	: Sub miscible creek bridge
	(iv) F.R.L.	: 12.461
08	Structural Details	:
	(i) Foundation	: Pile Foundation
	(ii) Substructure	: Abatement wall
	(iii) Superstructure	: PSC Girder, Solid slab
	(iv) General Items	: R.C.C. Wearing coat, Electrometric Bearing Coat
09	Name of Contractor	: Royal Infra Engineering Pvt Ltd., Surat
10	Name of Design Consultant	: Pankaj Patel Associates, Ahmedabad