

Underpass for pedestrians near Mohanbaug on Varachha Road



Project Technical Details

1.	Location	Road from Surat city to Kamrej junction
2.	River/Nala/Creek	-----
3.	Width	6.00 mtr.
4.	Year of construction	1996/1997
5.	Cost	Rs57.51 lacs
6.	Details of Bridge	
	(i)Length of Underpass	31.66 mtr.
	(ii) Size of subway	6 Mtr. x 2.75 mtr. box for underpass
	(iii) Span Length	Not applicable
	(iv) Carriage Way	6 Mtr.
	(v) Length of Returns	Left side- 22.65 mtr.- approach structure Right side -22.65 mtr.- approach structure
7.	(i)Design Discharge	N.A.
	(ii) Design H.F.L.	N.A.
	(iii) Type of bridge	Underpass
	(iv) F.R.L.	R.L10.00 mtr.
8..	Structural Details	
	(i) Foundation	Open foundation for R.C.C. box and staircase blocks.
	(ii) Substructure	R.C.C.box of size 6 mtr. x 2.75 mtr.(clear)with side walls and top bottom slab of 600 mm in M-20
	(iii) Superstructure	Box structure
	(iv) General Items	Provision for cycle track, as additional facility, air vent and lighting arrangement.
9.	Name of Contractor	M/s. Shakti Builders, Surat.
10.	Name of Consultant	Multi Media Consulting Engineers, Ahmedabad.