

**CONSTRUCTION OF CREEK BRIDGE IN PLACE OF EXISTING OLD CREEK BRIDGE ON 45.00MT WIDE VARIYAV TO AMROLI T.P.ROAD NEAR Y JUNCTION CHAPARABHATHA ROAD NEW NORTH ZONE AREA, SURAT CITY**



**Project Technical Details**

1.	Location	45.00MT WIDE VARIYAV TO AMROLI T.P.ROAD NEAR Y JUNCTION CHAPARABHATHA ROAD NEW NORTH ZONE AREA, SURAT CITY
2.	River/Nala/Creek	CREEK BRIDGE
3.	Lane	3 lane in both Direction (3+3 Lane)
4.	Year of construction	Completed (03/09/2018)
5.	Cost	Rs.4,84,00,000=00
6.	Details of Bridge	
	(i) Length of Bridge between ends of decking	Total length with approach = 99.04 mtr.
	(ii) Width of Bridge	28.100 mtr.
	(iii) Number of span	01 Nos.
	(iv) Span Length	11.00 mtr.
	(v) Carriage Way	2 x 10.5 mtr.=21 mtr.
	(vi) Length of Returns	Left side - 58.267 mtr.
		Right side - 29.785 mtr.
7.	(i)Design Discharge	120 Cumecs
	(ii) Design H.F.L.	R.L. 13.221 mtr.
	(iii) Type of bridge	Low level Submersible
	(iv) F.R.L.	R.L. 15.021 mtr.
8.	Structural Details	
	(i) Foundation	Pile foundation 1000 mm dia
	(ii) Substructure	RCC Abutment, Abutment cap, Pedestal
	(iii) Superstructure	RCC Solid Slab
	(iv) General Items	_____
9.	Name of Contractor	Unique Construction, Surat
10.	Name of Consultant	Shah Associates, Ahmedabad (Contractor)
11.	Third Party Inspection	Facile Mavan Pvt. Ltd., Surat.
Bridge was inaugurated on Dt.03.11.2018		