

**Widening of existing bridge across Creek at UNN on Surat Navsari BRT Corridor in Surat City on EPC basis**



1	Name of work	:	Widening of existing bridge across Creek at UNN on Surat Navsari BRT Corridor in Surat City on EPC basis
2	Location	:	UNN Creek on Surat-Navsari Road BRT Corridor
3	River/ Nala/ Creek/ Lake	:	Creek
4	Lane	:	varies
5	Year of Inauguration	:	Completed 2019(30/01/2019)
6	Tender Cost	:	Rs.5.92 Cr.
7	Details of Bridge	:	
	(i) Length of Bridge	:	U/S – 137.600 mt D/S - 145.100 mt
	(ii) Number of Span	:	U/S 03 Nos. D/S 03 Nos.
	(iii) Span Length	:	U/S - 01 x 7.50 mtr. + 01 x 22.50 mtr. + 1x 20.00 mtr. D/S - 02 x 7.50 mtr.+ 01 x 22.50 mtr.
	(iv) Carriage Way	:	U/S – 8.55 mt D/S – 14.550 mt
	(V) Width of Bridge	:	U/S – 12.00 mt (10.50 + 1.50-Utility) D/S - 18.00mt(16.50+1.50-Utility)
8	(i) Design Discharge	:	-----
	(ii) Design H.F.L.	:	-----
	(iii) Type of Bridge	:	Creek Bridge
	(iv) F.R.L.	:	U/S – 12.196 mt. D/S – 11.841 mt.
9	Structural Details	:	
	(i) Foundation	:	R.C.C. bored cast-in-situ Pile foundation 1200mm dia, In approach 750mm dia
	(ii) Substructure	:	R.C.C. Pier & Pier Cap
	(iii) Superstructure	:	R.C.C. Girder ,Deck Slab & R.C.C. Solid Slab
	(iv) General Items	:	R.C.C. Parapet
10	Name of Contractor	:	Royal Infra Engineering Pvt. Ltd., Surat
11	Name of Design Consultant	:	Shah Associates, Ahmedabad
12	Name of Project Management Consultant	:	Green Design Engineering Service Pvt. Ltd., Surat
13	Proof checking Consultancy	:	-Green Design Engineering Service Pvt. Ltd., Surat -SVNIT, Surat
Bridge was inaugurated on dt.30.01.2019			