

## Widening of Existing Bridge Across Creek at Bhedwad on Surat Navsari Road for Surat BRTS.



1	Name of work	:	Widening of existing bridge across Creek at Bhedwad on Surat Navsari road for Surat BRTS.
2	Location	:	Bhedwad Creek on Surat-Navsari Road BRT Corridor
3	River/ Nala/ Creek/ Lake	:	Creek
4	Lane	:	Varies
5	Year of Inauguration	:	2018
6	Tender Cost	:	Rs. 2.81 Cr.
7	Details of Bridge	:	
	(i) Length of Bridge	:	U/S – 24.00 mt D/S – 24.00 mt
	(ii) Number of Span	:	U/S 01 Nos. D/S 01 Nos.
	(iii) Span Length	:	24.00 mt
	(iv) Carriage Way	:	U/S – 04.50 mt D/S – 8.50 mt
	(V) Width of Bridge	:	U/S – 7.90 mt D/S – 11.90mt
8	(i) Design Discharge	:	----
	(ii) Design H.F.L.	:	8.50 mt.
	(iii) Type of Bridge	:	Creek Bridge
	(iv) F.R.L.	:	9.00 mt.
9	Structural Details	:	
	(i) Foundation	:	R.C.C. bored cast-in situ Pile foundation 1000mm dia
	(ii) Substructure	:	R.C.C. Abutment & Abutment Cap
	(iii) Superstructure	:	PSC solid slab
	(iv) General Items	:	R.C.C. Parapet
10	Name of Contractor	:	Unique Construction, Surat
11	Name of Design Consultant	:	Casad Consultants,Ahmedabad
12	Name of Project Management Consultant	:	----
13	Proof checking Consultancy	:	-Green Design Engineering Service Pvt. Ltd., Surat - SVNIT ,Surat