

Construction of Railway Over Bridge joining Katargam and Ashwinikumar Road Near Utkalnagar for Surat BRTS phase – II.



1	Name of work	:	Construction of Railway Over Bridge joining Katargam and Ashwinikumar Road Near Utkalnagar for Surat BRTS phase – II.		
2	Location	:	Utkalnagar ROB		
3	River/ Nala/ Creek/ Lake	:	Railway over Bridge		
4	Lane	:	Four Lane		
5	Year of Inauguration	:	Completed 2017 (21/09/2017)		
6	Tender Cost	:	Rs.35.77 Cr.		
7	Details of Bridge		Total	SMC Portion	Railway Portion
	(i) Length of Bridge	:	485.893 mt	838.285 mt	55.20 mt
	(ii) Number of Span	:	23 Nos	21 nos	2 nos
	(iii) Span Length	:		21x 25 mt	1 x18 mt 1 x 37.20 mt
	(iv) Carriage Way	:	7.50 mt x 2		
	(V) Width of Bridge	:		16.80 mt	20.40 mt
	(v) Length of R.C.C. Approaches &Returns	:	(1) 139.70 mt (Utkalnagar side) (2)118.385 mt (Varachha side)		
8	(i) Design Discharge	:	N.A.		
	(ii) Design H.F.L.	:	N.A.		
	(iii) Type of Bridge	:	Railway over bridge		
	(iv) F.R.L.	:	varies		
9	Structural Details				
	(i) Foundation	:	Cast in situ RCC bored Piles 1200mm & 1000 mm dia.		
	(ii) Substructure	:	R.C.C Pier, Pier Cap		
	(iii) Superstructure	:	(1) Post stress “I” Girder (SMC Portion) (2) Steel Girder (Railway Portion)		
10	Name of Contractor	:	Rajkamal Builders Infrastructure Pvt. Ltd.,Ahmedabad		

11	Name of Design Consultant	:	Casad Consultant Pvt. Ltd.,Ahmedabad
12	Name of Project Management Consultant	:	Geo Test House, Vadodara Railway Portion- IRCON Infra Structure and Service Ltd.,New Delhi
13	Proof checking Consultancy	:	R & B Design Circle, Gandhinagar