

## Construction of " Shri Sant Tukaram " Railway Over Bridge at L.C. No.143, Near Bhestan Railway Station.



01	Location	: ROB in lieu of lc no 143 at rly km 257/23-26 on Surat-Mumbai B.G. Railway line between station Udhana and Sachin at Surat
02	River/ Nala/ Creek	: Railway Over Bridge
03	Lane	: Three Lane
04	Year of Construction	: 23/10/2016
05	Cost	: Tender Amount - Rs. 3800.36 lacs
06	Details of Bridge	:
07	(i) Length of Bridge (Between ends of Decking)	: In SMC area - 911.60 mt. : (including both end approaches) In Rly area - 68.40 mt. Total - 980.00 mt.
	(ii) Number of Span	: 46 Nos
	(iii) Span Length	: 25.000 X 11=275 mt. 23.250 X 03=69.75 mt. 23.200 X 10=232.00 mt. 21.150 X 01=21.150 mt. 16.500 X 02=33.000 mt. 37.200 X 01 = 37.200 mt. 31.200 X 01 = 31.200 mt. 08.121 X 17 = 138.057 mt.
	(iv) Width of Bridge	: In SMC area - 11.90mt. : In Rly area - 15.80mt.
	(v) Length of R.C.C. Approaches &Returns	: Towards Sania Kande village=142.65
08	(i) Design Discharge	: -----
	(ii) Design H.F.L.	: -----
	(iii) Type of Bridge	: Rly Over Bridge
	(iv) F.R.L.	: 23.010mt.
09	Structural Details	
	(i) Foundation	: Pile Foundation,R.C.C Pile cap
	(ii) Substructure	: R.C.C. Circular Pier & Pier Cap
	(iii) Superstructure	: Steel ' I ' Girder, Pre cast PSC ' I ' Girder & Deck slab psc Solid slab
	(iv) General Items	: (1) Strip seal Expansion joint : (2) Elastomeric Bearing : (3) POT PTFE Bearing
10	Name of Contractor	: Ranjit Buildcon Ltd,Ahmedabad
11	Name of Design Consultant	: Multimedia Consultants Pvt. Ltd., Ahmedabad.
12	Name of Proof Check Consultant	: (1) SVNIT, Surat (for Railway boundary.) : (2) R & B Design Circle, Gandhinagar
13	Project Management Consultant	: (1) Mahimtura Consultants Pvt. Ltd., Mumbai : (2) Rites Ltd., Mumbai (In Railway Portion)