

CONSTRUCTION OF RAILWAY OVER BRIDGE AT KM 258/20 – 258/22 AT SIDDHARTH NAGAR CANAL ON SURAT - MUMBAI MAIN RAILWAY LINE JOINING SURAT – NAVSARI MAIN ROAD AND KARADVA AREA. E.P.C. BASIS. (DESIGN, ENGINEERING, PROCUREMENT AND CONSTRUCTION)



01	Location	KM 258/20 – 258/22 AT SIDDHARTH NAGAR CANAL ON SURAT - MUMBAI MAIN RAILWAY LINE JOINING SURAT – NAVSARI MAIN ROAD AND KARADVA AREA.
02	River/ Nala/ Creek/ Lake	: Railway Over Bridge
03	Year of Construction	: Under Progress
04	Details of Bridge	
05	Length of Bridge (Between Railway & S.M.C. Limit)	: 979.40 mtr.
06	-- Railway limit	: 74.40 mt
	-- S.M.. Limit	: 905.00 mt(With Approach )
	Span	25.00 mt *26=650.00 : 37.20 mt * 02 = 74.40 Total = 724.40
07	Length of Approach	
	Towards Surat Nvaari main road	: 130.00 mtr
	Towards khardva	: 125.00 mtr.
08	Width of Bridge	
	-Railway limit	: 26.80 mtr
	- In SMC limit Udhana side karadva side	: 23.150 mtr 11.400+11.400 mt
	carriage way	: ( 3 lane Up & Down)
	Footpath (only Rly.Portion)	: 1.70 mte(both side)
09	Type of Founadation	: pile foundation
10	Sub structure	: R.C.C. Pier & Piercap
11	SUPER STRUCTURE - RAILWAY PORTION - SMC LIMIT	: - Steel I Girder & Deck Slab - PRESTRESS P.S.C. I GIRDER
12	Bearing	: Elastomeric bearing,/ POT PTFE Bearing
13	Expansion joint	: Single Streep seel/ Modular Expansion Joint.
14	Approach	: Retaing wall with pile

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1	Tender Amount	: Rs.59,42,84,394=09
2	Sanction Authority	: Standing Committee Reso. No. 302/2019, dtd. 28/02/2019
3	Time limit	: 30 months (Including Monsoon)
4	Name of Contractor	: Ajay Protech Ltd. , Mehsana
11	Name of Design Consultant	: Casad Consultant, Ahmedabad
12	Name of Proof Check Consultant	: (1) Design circle, R & B , Gandhinagar. (2) SVNIT, SURAT
13	PMC (Raly.Portion)	: Konkan Railway Corporation Ltd., Navi Mumbai
	PMC (SMC Porion)	: Geo Design & Research (P) Ltd., Vadodara