

## Construction of “ Mahatma Jyotiba Fule” Railway Over bridge in lieu of L. C. no. 2 on Bhestan-Bhusaval loop line on Dindoli Main Road, Dindoli, Udhana, Surat (Under SJMMSVY)



01	Location	: In lieu of L. C. no. 2 Bhusaval-Bhusaval loop line on Dindoli Main Road
02	River/ Nala/ Creek	: Railway Over Bridge
03	Lane	: Three Lane ( Up & Down )
04	Year of Construction	: April-2014
05	Cost	: Rs. 16,46,15,976=00 Paise
06	Details of Bridge	:
07	(i) Length of Bridge (Between ends of Decking)	In SMC area : 405.87 : In Rly. area : 51.20 mt Total : 457.07 mt.
	(ii) Number of Span	: 18
	(iii) Span Length	: Span length Varying from 25.00 mt. to 31.00 mt.
	(iv) Carriage Way	: 10.50 mt. + 1.50 mt. footpath one side (in Railway portion)
	(V) Width of Bridge	In SMC Area : 11.40 mt : In Rly Area : 12.75 mt
	(vi) Length of R.C.C. Approaches &Returns	Kharvasa Side : 130.00 mt. : Dindoli Side : 110.00 mt.
08	(i) Design Discharge	: N.A.
	(ii) Design H.F.L.	: N.A.
	(iii) Type of Bridge	: Railway Over Bridge
	(iv) F.R.L.	: 20.825 mt.
09	Structural Details	
	(i) Foundation	: 1000 mm dia Pile Foundation with Pile Cap
	(ii) Substructure	: Semi-Circular /Circular Pier
	(iii) Superstructure	Railway limit : Steel "I" girder & Deck slab : SMC limit: Pre-cast P.S.C."I" Girder & Deck slab
	(iv) General Items	Elastomeric type bearing, Modular type expansion joint, : RCC Anti crash Barrier & R.E. wall in approaches
10	Name of Contractor	: Avdhoot Construction Co;Mehsana
11	Name of Design Consultant	: Casad Consultant, Ahmedabad.
13	Name of Project Management Consultant	: Multi Media Consultant Pvt Ltd., Ahmedabad
14	Name of Third Party Inspection	: RITES Ltd, Mumbai
15	Name of Proof Check Consultant	(1) SVNIT, Surat. : (2) R & B Design Circle, Gandhinagar