

Construction of “ Shri Maharana Pratap” Railway Over bridge in lieu of L. C. no. 3-C on Surat - Bhusaval main line & Bhestan - Bhusaval loop line joining Godadara & Dindoli on 45 mt. wide T.P./D.P. road, Surat.



01	Details of Bridge		
	Type of Bridge	:	Railway Over Bridge
	Year of Construction	:	'12/04/2015
	Total Length of Bridge		
	Towards Udhana	:	791.69 mt.(Including Approach)
	Towards Bhusaval	:	797.66 mt.(Including Approach)
	Length of Main Bridge (including Railway & SMC Boundary)		
	Towards Udhana	:	527.94 mt
	Towards Bhusaval	:	533.91mt
	Length of R.C.C. Approaches &Returns		
	Godadara Side	:	130.00mt (Avg)
	Dindoli Side	:	133.75 mt
	Width of Bridge		
	In Railway Portion	:	27.10 mt
	In SMC Portion	:	22.80 mt
	Carriage Way	:	2x 10.50 mt(03 lane UP & Down)
	Footpath (only Railway Portion)	:	1.90 mt.(Both side)
	Structural Details		
02	Foundation	:	1000 mm dia Pile Foundation
03	Substructure	:	Rectangle RCC Pier
04	Superstructure	:	
	Railway limit	:	Steel "I" girder & Deck slab
	SMC limit	:	Pre-cast P.S.C."I" Girders & Deck slab
05	Bearing	:	Elastomeric & POT PTFE, Type
06	Expansion joint	:	Strip Seal & Modular Type.
07	General Items	:	RCC Anti crash Barrier, R.E. wall in approaches

01	Project Cost	:	Rs.40.04 Crores
02	Name of Contractor	:	Vijay M. Mistry Construction Pvt.Ltd., Ahmedabad
03	Name of Design Consultant	:	Shri Jignesh B.Gandhi, Casad Consultant, Ahmedabad.
04	Remarks .	:	This Project is granted by Swarnim Jayanti Mukhya Mantri Saheri Vikas Yojna