

CONSTRUCTION OF RAILWAY OVER BRIDGE CROSSING ON UDHNA – BHUSAWAL MAIN LINE FROM MANSAROVAR SOCIETY IN TPS 69 (DINDOLI-GODADARA) OF SOUTH EAST ZONE, SURAT AT RAILWAY KM. TV-3 /13-15-17 AND TV-3 / 14-16-18 ON EPC BASIS (Design, Engineering, Procurement and Construction)



01	Location	: On Udhna – Bhusawal main line from at KM. TV-3 /13-15-17 and TV-3 / 14-16-18 Joining From Mansarovar Society in Godadara to Shree Hari Luxuria in Dindoli, South East Zone in TPS 69
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)	: 1107.37 mt.
06	-- Railway Limit	: 76.00 mt
	-- S.M.C. Limit	: 1031.37 mt (With Approach)
	Span	: 28.00 mt x 1 = 28.00 25.00 mt x 29 = 725.00 19.824 mt x 1 = 19.824 16.00 mt x 11 = 176.00 10.00 mt x 7 = 70.00 Total = 1018.824
07	Length of Approach	
	Towards Dindoli	: 8.226 mt
	Towards Godadara	: 4.320 mt.
08	Width of Bridge	
	-Railway limit	: 32.644 mt
	-In SMC limit	: 21.012 mt (10.500 mt+10.500 mt + 0.012 mt)
	-Carriage way	: (2.5 lane Up & Down)
	-Footpath (only Rly.Portion)	: 1.50 mt.(both side)
09	Type of Founadation	: Pile Foundation
10	Sub structure	: R.C.C. Pier & Pier Cap
11	Super Structure - Railway Portion - SMC Limit	: - Bow String Girder & Deck Slab - PSC Girder + Deck Slab + Solid Slab + PSC Voided Slab
12	Bearing	: Elastomeric bearings/ POT- PTFE bearings
13	Expansion joint	: Strip Seal Expansion Joint.
14	Approach	: Retaining wall

1	Tender Amount	: Rs.96,60,53,655=87 (Plus prevailing GST applicable)
2	Sanction Authority	: Standing Committee Reso. No. 1030/2024, Dt.05/07/2024
3	Time limit	: 36 months (Including Monsoon)
4	Name of Contractor	: Ranjit Buildcon Ltd., Ahmedabad
5	Name of Design Consultant	: Casad Consultants Pvt. Ltd., Ahmedabad
6	Name of Proof Check Consultant	: (1) Design Circle, R & B , Gandhinagar. (2) SVNIT, SURAT
7	PMC (Railway.Portion)	: -----
	PMC (Non Railway Porion)	: Pankaj M. Patel Consultants Pvt. Ltd., Ahmedabad