

## Construction of Railway Over bridge near Udhana Railway station near Railway Culvert No. 437 at Udhana, Surat.



01	Location	: Two lane ROB near railway culvert no 437 on Ahmedabad-Mumbai Railway line,Udhna , Surat.
02	River/ Nala/ Creek/ Lake	: Railway Over Bridge
03	Lane	: Two lane
04	Year of Construction	: Under Progress
05	Tender Amount	: Rs.28,86,16,410=00 Paise
06	Details of Bridge	:
07	(i) Length of Bridge	: 622.169 mt
	(ii) Number of Span	: 20
	(iii) Span Length	: - 25.00mt Udhana & Limbayat portion - 13.863,31.755,37.280, 36.187,35.889 mt Railway portion
	(iv) Carriage Way	: 7.50 Mt
	(V) Width of Bridge	: In Rly Boundary - 10.100 M In SMC Boundary - 8.40 M
	(v) Length of R.C.C. Approaches &Returns	: (1) Towards Udhna "0" Road -50.210 m (2) Towards Limbayat -56.390m
08	(i) Design Discharge	: ---
	(ii) Design H.F.L.	: ----
	(iii) Type of Bridge	: Railway Over Bridge
	(iv) F.R.L.	: 19.180 mt
09	Structural Details	
	(i) Foundation	: Pile foundation
	(ii) Substructure	: R.C.C. pier/ pier cap
	(iii) Superstructure	: <b>In Rly Boundary</b> - R.D.S.O. Steel "I " Girder & Deck slab <b>In SMC Boundary</b> - Pre cast P.S.C. i Girder & Deck slab.
	(iv) General Items	: Elastomeric type/ POT PTFE Bearing strip seal type expansion joint.
10	Name of Contractor	: Rachna Construction Co., Panoli
11	Name of Design Consultant	: Casad Consultant , Ahmedabad
12	Name of Proof Check Consultant	: (1) Design circle, R & B , Gandhinagar. (2) Shah Associates, Ahmedabad
13	PMC (Raly.Portion)	: Ircn Infrastructure & Services Limited, New Delhi