

Construction of R.O.B. above RC NO.-454 joining Amroli to Utran nr. Manisha society.



1	Name of work	:	Construction of R.O.B. above RC NO.-454 joining Amroli to Utran nr. Manisha society.		
2	Location	:	RC NO.-454 Manisha Garnala		
3	River/ Nala/ Creek/ Lake	:	Railway over bridge		
4	Lane	:	Four Lane		
5	Year of Inauguration	:	Work in Progress		
6	Revised Tender Cost	:	Rs.58.55 Cr.		
7	Details of Bridge		Total	SMC Portion	Railway Portion
	(i) Length of Bridge	:	1258mt	1209mt	49 mt
	(ii) Number of Span	:	28 Nos :-	27 nos	1 nos
	(iii) Span Length	:		30 mt	49 mt
	(iv) Carriage Way	:	7.5mt x 2		
	(V) Width of Bridge	:		17 mt	22 mt
	(v) Length of R.C.C. Approaches &Returns	:	(1) 271.00mt (Utran side) (2) 130.00 mt (Amroli side)		
8	(i) Design Discharge	:	N.A.		
	(ii) Design H.F.L.	:	N.A.		
	(iii) Type of Bridge	:	Railway over bridge		
	(iv) F.R.L.	:	varies		
9	Structural Details				
	(i) Foundation	:	Cast in situ bored pile 1000 mm dia		
	(ii) Substructure	:	R.C.C Pier, Pier Cap		
	(iii) Superstructure	:	(1) Pre stress "I" Girder (SMC Portion) (2) Steel Girder (Railway Portion)		
10	Name of Contractor	:	Valecha Engineering Ltd,Mumbai		
11	Name of Design Consultant	:	Casad Consultant Pvt. Ltd.,Ahmedabad		
12	Name of Project Management Consultant	:	Multimedia Consultant Pvt. Ltd.,Ahmedabad		
13	Proof checking Consultancy	:	R & B Design Circle, Gandhinagar		