

Construction Of Additional Entry Ramp From Vallabhacharya Road To Existing Shreenathji Bridge (Varachha Fly Over) At Surat on E.P.C basis (Design, Engineering, Procurement & Construction)



01	Location	:	Vallabhacharya Road To Existing Shreenathji, Hirabaugh Junction at Surat.
02	River/ Nala/ Creek	:	Fly Over Bridge
03	Lane	:	1.5 Lane
04	Year of Construction	:	Started July -2024
05	Cost	:	Rs. 16,43,17,526.25
06	Details of Bridge	:	
	(i) Length of Bridge	:	Total Length: 586.83 mtr. 1) Hirabaugh circle side : 6 Nos x 15mt c/c spans (AR TO PR6) Total length (1)=(6x15)=90.00mt. 2) Kamrej side : 16 Nos x 30mt c/c spans(PR6 TO PK8) Total length(2)=(16x30)=480.00mt. 3) TOE WALL : 1 Nos x 16.83 mt c/c spans (TOE WALL) Total length (3)=(1x16.83) =16.83mt
	(ii) Width of Bridge	:	Clear carriage way width = 5.5 mt Over all width = 5.50+(0.50x2C/B) = 6.5mt
	(iii) Number of Span	:	22 Nos.
	(iv) Span Length	:	(30.00 x12) + (15.00 x 6)
	(v) Carriage Way	:	5.50 mt.
07	(i) Type of Bridge	:	Fly Over Bridge
	(ii) Finished Road Top Level	:	24.367 mt.
08	Structural Details		
	(i) Foundation	:	RCC bored cast in situ pile having 1000mm.Φ / 750mm.Φ
	(ii) Substructure	:	RCC Pedestals, RCC Pier & Pier cap.
	(iii) Superstructure	:	PSC Girder with Deck slab, RCC Solid Slab.
	(iv) General Items	:	(1) Single Strip seal Type Expansion joint. (2) Elastomeric Bearings.
09	Area of Bridge	:	Main bridge = 3619.39 sq. mt. Total Area = 3619.39 sq. mt.
10	Name of Contractor	:	Rachana Construction Company, Ankleshwar.
11	Name of Design Consultant	:	Shah Associate, Ahmedabad
12	Proof Check Consultant	:	S.V.N.I.T, Surat
13	Project Management Consultancy	:	Multimedia Consultants Pvt. Ltd., Ahmedabad.