

Construction of Fly Over Bridges on 45.00 Mt. . wide Middle Ring Road Near Sai Point Junction Connecting Godadra and Dindoli Area of South-East(Limbayat) Zone in Surat On EPC Basis (Design, Engineering, Procurement and Construction).

01	Location	: Near Sai Point Junction, Dindoli, Limbayat Zone
02	River/ Nala/ Creek	: Fly Over Bridge
03	Lane	: Four Lane
04	Year of Construction	: Started March 2024
05	Cost	: Rs. 51,27,20,131=16
06	Details of Bridge	:
	(i) Length of Bridge	: Total Length of Bridge: 892.00m
	(ii) Width of Bridge	: 16.8 Mt. (2 x 7.50 + 2 x 0.45 C.B.+ 1 x 0.9 Central verge)
	(iii) Number of Span	: 2 x 22 = 44
	(iv) Span Length	: <p>1.) DindoliSide (LHS & RHS): 9 nos. x 25 Mt. c/c spans 9 nos. x 10 Mt. c/c spans Total Length (1) = (9x25) + (9 x10) = 315.00 m</p> <p>2.)GodadaraSide (LHS & RHS): 8 nos. x 25 Mt. c/c spans 8 nos. x 10 Mt. c/c spans Total Length (2) = (8 x25) + (8 x10) = 280.00 m</p> <p>3.) Junction Span (LHS & RHS): 8 nos. x 25 Mt. c/c spans 2 nos. x 27.5 Mt. c/c spans Total Length (2) = (8x25) + (2 x 27.5) = 255.00 m</p>
	(v) Carriage Way	: 15.0 Mt. . (7.50 Mt. . Both Side).
07	(i) Design Discharge	: -----
	(ii) Design H.F.L.	: -----
	(iii) Type of Bridge	: Fly Over Bridge
	(iv) Finished Road Top Level	: 23.125 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.
	(iv) General Items	: (1) Single Strip seal Type Expansion joint. (2) Elastomeric Bearings.
09	Area of Bridge	: 14985.60 sq. Mt. .
10	Name of Contractor	: Royal infra Engineering Pvt. Ltd., Surat.
11	Name of Design Consultant	: Multi Media Consultants Pvt. Ltd., Ahmedabad.
12	Proof Check Consultant	: S.V.N.I.T, Surat.
13	Project Management Consultancy	: Pankaj M Patel Consultants Pvt. Ltd.