

CONSULTANCY FOR CONSTRUCTION OF FLYOVER BRIDGE ON BHATHENA JUNCTION LOCATED ON BRTS ROUTE KHARVAR NAGAR TO PARVAT PATIYA IN SOUTH EAST ZONE, SURAT. EPC BASIS (DESIGN, ENGINEERING, PROCUREMENT AND CONSTRUCTION)



01	Location	:	FLYOVER BRIDGE ON BHATHENA JUNCTION LOCATED ON KHARVAR NAGAR TO PARVAT PATIYA BRTS ROUTE IN SOUTH EAST ZONE, SURAT
02	River/ Nala/ Creek	:	Fly Over Bridge
03	Lane	:	2 x 2 lane
04	Year of Construction	:	9th November-2023
05	Cost	:	Rs. 37,33,52,913=79
06	Details of Bridge	:	
	(i) Length of Bridge	:	Parvat Patiya to Kharwarnagar Towards = 560.00 mt. Kharwarnagar to Parvat Patiya Towards = 570.00 mt.
	(v) Carriage Way	:	Parvat Patiya to Kharwarnagar Towards = 7.50 mt. Kharwarnagar to Parvat Patiya Towards = 7.50 mt.
07	Structural Details	:	
	Type of foundation	:	R.C.C.PILE FOUNDATION
	Sub Structure	:	R.C.C.PILE, PEAR CAP
	Bearings	:	Elastomeric Bearings
	Expansion Joint	:	Single Strip seal type Expansion Joint
08	Sub Structure,Super Structure	:	PSC Girder, Deck Slab & Solid Slab
	(iii) Number of Span	:	31 Nos.
	(iv) Span Length	:	(10.00x13) + (25.00 x 11) + (22.50 x 2) + (24.00 x1) + (26.00 x 1) + (30.00 x 2)= 560.00 mt. (10.00x14) + (25.00 x 11) + (22.50 x 2) + (24.00 x1) + (26.00 x 1) + (30.00 x 2)= 570.00 mt.
	(i) Design Discharge	:	-----
	(ii) Design H.F.L.	:	-----
	(iii) Finished Road Top Level	:	Varies
	(iv) General Items	:	(1) Single Strip seal Type Expansion joint. (2) Elastomeric Bearings.
09	Area of Bridge	:	9492.00 Sq.Mt.
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1	Name of Contractor	:	Rachna Construction Co.
2	Sanction Authority	:	Standing committee resolution No.425/2021 dated 10/06/2021.
3	Name of Design Consultant	:	Shah Associate, Ahmedabad
4	Proof Check Consultant	:	R & B design Circle, Gandhinagar
5	Project Management Consultancy	:	Geo Design & Research (P) Ltd., Vadodara.
6	Timelimit	:	24 month