## Construction of "Netaji Subhashchandra Bose" Fly over Bridge at Aai Mata junction on Surat-Bardoli Road



2	1	Name of work	:	Construction of "Netaji Subhashchandra Bose"Fly over			
3   River/ Nala/ Creek/ Lake   :   Fly over Bridge		T		Bridge at Aai Mata junction on Surat-Bardoli Road			
4							
Same			:				
Tender Cost   Rs.42.79 Cr.	4	Lane	:	2 x 2 lane Split Fly over Bridge			
7 Details of Bridge : East side :- 450.00 mt. West side :- 450.00 mt.  (ii) Number of Span : 2 x 20 Nos.  (iii) Span Length : East side :- 2 x 45.00 , 18 x 20.00 West side :- 2 x 45.00 , 18 x 20.00 West side :- 2 x 45.00 , 18 x 20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. Approaches & Returns	5	Year of Inauguration	:	January-2011			
(i) Length of Bridge : East side :- 450.00 mt.  West side :- 450.00 mt.  (ii) Number of Span : 2 x 20 Nos.  (iii) Span Length : East side :- 2 x 45.00 , 18 x 20.00  West side :- 2 x 45.00 , 18 x 20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C.  Approaches & Returns : Towards Ring Road   Towards Navsari   East side :- 171.89   101.74  West side :- 168.83   101.74  West side :- 168.83   101.74  Wist side :- 168.83   101.74  West side :- 171.89   101.74  West side :- 2 x 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Towards Ring Road   Towards Navsari 181.74  West side :- 2 x 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Towards Ring Road   Towards Navsari 191.74  West side :- 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Towards Ring Road   Towards Navsari 191.74  West side :- 2 x 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Towards Ring Road   Towards Navsari 191.74  West side :- 171.89   101.74  West side :- 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Least side :- 2 x 45.00 , 18 x 20.00  Towards Ring Road   Towards Rin	6	Tender Cost	:	Rs.42.79 Cr.			
West side: - 450.00 mt.  (ii) Number of Span : 2 x 20 Nos.  (iii) Span Length : East side: - 2 x 45.00 , 18 x 20.00  West side: -2 x 45.00, 18 x 20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. : Towards Ring Road Towards Navsari  East side: - 171.89	7	Details of Bridge	:				
(ii) Number of Span : 2 x 20 Nos.  (iii) Span Length : East side :- 2 x 45.00 , 18 x 20.00  West side :- 2 x 45.00 , 18 x 20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. : Towards Ring Road Towards Navsari  East side :- 171.89		(i) Length of Bridge	:	East side :- 450.00 mt.			
(iii) Span Length : East side :- 2 x 45.00 , 18 x 20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. : Towards Ring Road Towards Navsari  East side :- 171.89				West side :- 450.00 mt.			
West side :-2 x 45.00, 18 x20.00  (iv) Carriage Way : 2 x 7.5 mtr.  (V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. : Towards Ring Road Towards Navsari  East side :- 171.89		(ii) Number of Span	:	2 x 20 Nos.			
(iv) Carriage Way  (v) Width of Bridge  2 x 8.40 mt  (v) Length of R.C.C. Approaches & Returns  (i) Design Discharge  N.A.  (ii) Design H.F.L.  (iii) Type of Bridge  Structural Details  (i) Foundation  R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure  R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure  Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items  R.C.C. crash barier  10 Name of Contractor  11 Name of Design Consultant  12 Name of Project Management Consultant  13 Proof checking  1 2 x 8.40 mt  Towards Ring Road  Towards Navsari  Towards Navsari  Towards Ring Road  Towards Navsari  Flavaties Prowards Navsari  Feats side:  101.74  West side:  102. 168.83  101.74  West side:  104. 178.89  101.74  West side:  168.83  101.74  West side:		(iii) Span Length	:	East side :- 2 x 45.00 , 18 x 20.00			
(V) Width of Bridge : 2 x 8.40 mt  (v) Length of R.C.C. : Towards Ring Road Towards Navsari  East side :- 171.89 101.74  West side :- 168.83 101.74  8 (i) Design Discharge : N.A.  (ii) Design H.F.L. : N.A.  (iii) Type of Bridge : Fly over Bridge  9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant				West side :-2 x 45.00, 18 x20.00			
(v) Length of R.C.C.  Approaches & Returns  East side: 171.89 101.74  West side: 168.83 101.74  8 (i) Design Discharge : N.A.  (ii) Design H.F.L. : N.A.  (iii) Type of Bridge : Fly over Bridge  9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(iv) Carriage Way	:	2 x 7.5 mtr.			
Approaches & Returns  East side :- 171.89		(V) Width of Bridge	:	2 x 8.40 mt			
West side :- 168.83 101.74  8 (i) Design Discharge : N.A.  (ii) Design H.F.L. : N.A.  (iii) Type of Bridge : Fly over Bridge  9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(v) Length of R.C.C.	:		Towards Ring Road	Towards Navsari	
8 (i) Design Discharge : N.A.  (ii) Design H.F.L. : N.A.  (iii) Type of Bridge : Fly over Bridge  9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		Approaches & Returns		East side :-	171.89	101.74	
(iii) Design H.F.L. : N.A.  (iii) Type of Bridge : Fly over Bridge  9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :				West side :-	168.83	101.74	
(iii) Type of Bridge : Fly over Bridge  9	8	(i) Design Discharge	:	N.A.			
9 Structural Details  (i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant :		(ii) Design H.F.L.	:	N.A.			
(i) Foundation : R.C.C. Bored cast in situ pile foundation 1200 mm ø  (ii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(iii) Type of Bridge	:	Fly over Bridge			
(iii) Substructure : R.C.C. pier & pier cap in M30 grade Concrete.  (iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :	9	Structural Details					
(iii) Superstructure : Precast, Prestressed girder and PSC box slab in M45 grade concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(i) Foundation	:	R.C.C. Bored cast in situ pile foundation 1200 mm ø			
concrete. POT PTFE Bearings  (iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking : _		(ii) Substructure	:	R.C.C. pier & pier cap in M30 grade Concrete.			
(iv) General Items : R.C.C. crash barier  10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(iii) Superstructure	:	Precast, Prestressed girder and PSC box slab in M45 grade			
10 Name of Contractor : Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad  11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :				concrete. POT PTFE Bearings			
11 Name of Design Consultant : CEPT University, Ahmedabad  12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi  Management Consultant  13 Proof checking :		(iv) General Items	:	R.C.C. crash barier			
12 Name of Project : Urban Mass Transit Co. Ltd., (UMTC) New Delhi Management Consultant  13 Proof checking :	10	Name of Contractor	:	Vijay M. Mistry Construction Pvt. Ltd., Ahmedabad			
Management Consultant  13 Proof checking :	11	Name of Design Consultant	:	CEPT University, Ahmedabad			
13 Proof checking : _	12	Name of Project	:	Urban Mass Transit Co. Ltd., (UMTC) New Delhi			
		Management Consultant					
Consultancy	13	Proof checking	:	_			
		Consultancy					