NOTES:-

1). Details of Staff Quarters to be dismantaled/provided for proposed DFC Allignment at Dharewada -

Sr.No.	Details of Structures Qtrs.				
	Type I	Type II	Type III	Type IV	Total
	8	3	0	0	11

2). Details of Utility Shifting at Dharewada Station -

1) 1 Subways

KM 89.200, PROP. PEDESTRIAN SUBWAY NO. 173A
1 x 6.0m x 2.5m, RCC BOX

NOTES:-

1. EXISTING WORK SHOWN IN BLACK.
2. PROPOSED WORK SHOWN IN RED.
3. RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
4. RAILWAY STRUCTURES TO BE DISMANTLED SHOWN IN DOTTED GREEN.
5. PROPOSED DFC LAND BOUNDARY SHOWN AS
6. FUTURE D/L SHOWN IN DOTTED Magenta.
7. BASED ON PLAN NO. : DS (RJT) 7665 .
8. Work shown in Red only is agreed this future work to be processed (Megeta)seperrately.
9. * - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 , in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 183'C'

DHAREWADA
STATION YARD

NOT TO SCALE

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF DHAREW	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NEW GHUMASAN CROSSING STATION OF DFC

NOTES:-

1....EXISTING WORK SHOWN IN BLACK. _____

2....PROPOSED DFC PHASE - I WORK SHOWN IN RED. _____

3.... CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.

4....PROPOSED DFC PHASE - II WORK SHOWN IN DOTTED RED-------

5....DFC BOUNDARY SHOWN IN DOTTED RED. —— DFC ——

6....RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN. -------

7.... FOR L-SECTION REF. IS TAKEN FROM DRG. NO. RCPL/DFCCL/WC/Wam-Pal/AP

8....BASED ON PLAN NO. : CE(C) ADI /529/F-ADI-FL

9....MINIMUM DISTANCE BETWEEN CENTRE TO CENTRE OF DFC TRACK WILL BE 6M FOR MAIN LINE TO MAIN PLANS SHOULD BE DESIGNED ACCORDING.

10.* - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 , in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 225 & 223

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF GHUMASAN	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

GRADIENT TO BE SHIFTED IN FUTURE AT CH: 710.00M
EXISTING GRADIENT FALLING IN THE POINT ZONE WILL BE
EASED OUT TO 1: 690 IN FUTURE.

NOTES:-

1....EXISTING WORK SHOWN IN BLACK.
2....POROPOSED DFC WORK SHOWN IN RED.
3....WORK TO BE DISMANTLED SHOWNIN DOTTED GREEN.
4.....EXISTING RLY. LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
5.... CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.
6....THROUGH KMs AND CHAINAGES ARE RECOGNIZED FROM WAMAJ DETOUR FOR DFC.
7....EXTENDED MEHSANA - TARANGA HILL LINE AFTER GC WORK SHOWN IN RED
8....PRIVATE STRUCTURE TO BE DISMANTLED SHOWN IN BLUE.
9....BASED ON PLAN NO. : DY.CE(C) GC. ADI /007/F-ADI-FL.
10...Electrical Infridgementbeyond Rly.boundary of SEB will be dealt by DFCCIL
11. * - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 , in Phase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 207 'B' however LC No. 209 Shall be retained during phase I, In the final phase LC NO. 208 shall be eliminated by ROB.

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF JAGUDAN	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NOTES:-

1....EXISTING WORK SHOWN IN BLACK.

2....PROPOSED DFC WORK SHOWN IN RED.

3....WORK TO BE DISMANTLED SHOWNIN DOTTED GREEN.

4.....EXISTING RLY. LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.

5.....FUTURE WORK OF RAILWAY SHOWN IN MAGENTA.

5.... CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.

6....THROUGH KMs AND CHAINAGES ARE RECOGNIZED FROM WAMAJ DETOUR FOR DFC.

7....PRIVATE STRUCTURE TO BE DISMANTLED SHOWN IN BLUE.

8....BASED ON PLAN NO. : CE(C) ADI / 543 / F-ADI-FL

9.....PROPOSED DFC WORK SHOWN IN 'RED' AGREED. WORK SHOWN IN 'MAGENTA' IS FUTURE IR Conceptual plan.

* - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 , in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 225'A'

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF JHULASAN	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NOTES:-

1....EXISTING WORK SHOWN IN BLACK.

2....POROPOSED DFC WORK SHOWN IN RED.

3....WORK TO BE DISMANTLED SHOWNIN DOTTED GREEN.

4....EXISTING RLY. LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.

5....PROPOSED DFC LAND BOUNDARY SHOWN AS

6.... CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.

7....THROUGH KMs AND CHAINAGES ARE RECOGNIZED FROM WAMAJ DETOUR FOR DFC.

8.... FUTURE IR DOUBLING WORK SHOWN IN DOTTED MAGENTA

9....BASED ON PLAN NO. : CAO (C)/5704/F-KMLI.

10...SHARING OF THE COST OF FOB WILL BE DECIDED IN FUTURE BY IR & DFC.

11.* - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 , in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 194'C'

NOTES:-

1). Details of Staff Quarters to be dismantaled/provided for proposed DFC Alignment at KAMLI -

Sr.No.	Details of Structures Qtrs.				
	Type I	Type II	Type III	Type IV	Total
	7	3			10

2). Details of Utility Shifting at KAMLI Station -

1). Station building,Relay Room, Panel Room.

2). Subway - 1

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF KAMLI	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

MEHSANA YARD DFC ALIGNMENT

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF MEHSANA	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NOTES:-

1. EXISTING WORK SHOWN IN BLACK.
2. PROPOSED WORK SHOWN IN RED.
3. RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
4. RAILWAY STRUCTURES TO BE DISMANTLED SHOWN IN DOTTED GREEN.
5. DFC RTR LINE SHOWN IN GREEN.
6. PROPOSED DFC LAND BOUNDARY SHOWN AS DFC
7. ELECTRIC LINE SHOWN IN Elec Elec.
8. PROPOSED RAILWAY WORK SHOWN IN MAGENTA .
9. FUTURE RAILWAY D/L WORK SHOWN IN MAGENTA
10. BASED ON PLAN NO. : CAO (C) / 5703 / F-BHU

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF NEW MEHSANA	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NOTES:-

1. EXISTING WORK SHOWN IN BLACK.
2. PROPOSED DFC PHASE -I WORK SHOWN IN RED.
3. PROPOSED DFC PHASE -II WORK SHOWN IN DOTTED RED.
4. RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN
5. PROPOSED DFC LAND BOUNDARY SHOWN AS —— DFC ——
6. FUTURE IR DOUBLE LINE SHOWN IN DOTTED MAGENTA
7. CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.

CURVE NO 97
D = 2° 00' 0"
TL = 140.00
CL = 240
R = 875

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF NEW UMARDASHI	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

V-3-4-15

NOTES:-

1). Details of Staff Quarters to be dismantaled/provided for proposed DFC Allignment at Umardashi

Sr. No.	Details of Structures Qtrs.				
	Type I	Type II	Type III	Type IV	Total
	27	3	0	0	30

2). Details of Utility Shifting at Umardashi Station -

1). Station building,Relay Room & panal Room
2). 1 Subways

NOTES:-
1....EXISTING WORK SHOWN IN BLACK.
2....PROPOSED DFC WORK SHOWN IN RED.
3....WORK TO BE DISMANTLED SHOWNIN DOTTED GREEN
4....PROPOSED DFC LAND BOUNDARY SHOWN AS .
5....EXISTING RLY. LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
6....CHAINAGES SHOWN ON EITHER SIDES ARE TAKEN WITH REFERENCE TO & OF STATION BUILDING AS 0.00.
7....FUTURE D/L SHOWN IN DOTEED MAGENTA.
8....BASED ON PLAN NO. : CE (C)/5744/F-UM
9....COST OF FOB TO BE DECIDED LATTER ON BY IR & DFC.
* - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 ,in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 174

Title :
Dedicated Freight Corridor Project
(Western Corridor Phase-1:
Rewari - Vadodara Section)

Client :
Dedicated Freight Corridor Corporation of India
(A GOVERNMENT OF INDIA UNDERTAKING)
5th Floor, Pragati Maidan Metro Station Building,
New Delhi-110001, INDIA

Drawing Title :
CONCEPT PLAN OF UMARDASHI

Consultant :
NK Consortium
4th Floor, Pragati Maidan Metro Station Building,
New Delhi-110001, INDIA

NOTES:-

1). Details of Staff Quarters to be dismantaled/provided for proposed DFC Allignment at Palanpur -

Sr. No.	Details of Structures Qtrs.				
1	Type I	Type II	Type III	Type IV	Total
2	33	30	2	1	66

2). Details of Utility Shifting at Palanpur Station -

1). 2 Subways.
2). Out to out FOB extension & raising
3). ROBs rebuilding

NOTES:-

1. EXISTING WORK SHOWN IN BLACK.
2. PROPOSED WORK SHOWN IN RED.
3. RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
4. RAILWAY STRUCTURES TO BE DISMANTLED SHOWN IN DOTTED GREEN.
5. DEAD END AT CH:417 TO BE REDUCED FROM 120mtr TO 85M. AND CONVERTED IN TO SANDED D/END.
6. PROPOSED DFC LAND BOUNDARY SHOWN AS DFC.
7. PROPOSED B.G RALWAY DOUBLING WORK SHOWN IN MAGENDA.
8. EXISTING RAILWAY YARD SHOWN AS PER APPROVED PLAN OF RAILWAY
9. ARME SIDING WITH DOUBLE EXIT PROPOSED BY EXTENDING DEAD END OF LINE NO. 5 ABR END.
10. BASED ON PLAN NO. : CAO (C)/6381/F-PNU.
11. PLAN SHOWN IN RED IS ONLY AGREED MAGENTA DENOTES CONCEPTUAL PLAN OF IR.
12. DISMANTLING OF D/END,POINTS SHOWN IN GREEN.
13. ✱ – As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 10-11 -2013 , Utility Shifing work Shall be comissioned without ROB in Lieu of L.C. NO 165,166,169 .

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF PALANPUR YARD	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF SANAND	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

NOTES:-

1). Details of Staff Quarters to be dismantaled/provided for proposed DFC Allignment at Unjha

Sr.No.	Details of Structures Qtrs.				
1	Type I	Type II	Type III	Type IV	Total
2	0	8	1	0	9

2). Details of Utility Shifting at Unjha Station -

1). Station building
2). 2 Nos. platform,
3). FOB - 1

NOTES:-

1. EXISTING WORK SHOWN IN BLACK.
2. PROPOSED WORK SHOWN IN RED.
3. RAILWAY LAND BOUNDARY SHOWN IN CHAIN DOTTED GREEN.
4. RAILWAY STRUCTURES TO BE DISMANTLED SHOWN IN DOTTED BLACK.
5. PROPOSED DFC LAND BOUNDARY SHOWN AS DFC
6. ELECTRIC LINE SHOWN IN Elec
7. PROPOSED NEW STATION YARD SHOWN IN MAGENTA & FUTURE B.G RAILWAY DOUBLING WORK SHOWN IN DOTTED MAGENTA.
8. BASED ON PLAN NO. : DS (RJT) 7382
9 At CH : 71.273 INFRIGEMENT TO BE REMOVED BY DFCCIL ON THEIR OWN.

* - As per GM ROB DFCCIL Letter No. HQ/GM/ROB/3/WDFC/2013 ,DATE 1-11 -2013 ,
in P hase - I Utility Shifing work Shall be comissioned with RUB in Lieu of LC NO 203,201,200&198
however LC No. 199 Shall be retained during phase I,
In final Phase LC NO. 199 shall be eliminated by ROB.

Title :	Client :	Drawing Title :	Consultant :
Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	CONCEPT PLAN OF UJA	NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA

LEGEND:

SLOPE 1:30 : SURFACE DRAIN

: SIDE DRAIN

: CATCH WATER DRAIN

NOTE: ACCORDING TO SITE CONDITION DIMENSION(b&h) OF SIDE DRAIN AND CATCH WATER DRAIN VARY.

Project Title : Dedicated Freight Corridor Project (Western Corridor Phase-1: Rewari - Vadodara Section)	Client : Dedicated Freight Corridor Corporation of India (A GOVERNMENT OF INDIA UNDERTAKING) 5th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA	Drawing Title : Drainage System	Drawing Number : NKC-CTS-DWS-AL-00001		Consultant : NK Consortium 4th Floor, Pragati Maidan Metro Station Building, New Delhi-110001, INDIA
			Scale : 1:300		
			Reference : Working Paper No.16		
			Drawn By : DANISH 19 / 11 /2010	Checked By : H.KAWAHARA &DR.M.FAHIMUDDIN 19 / 11 /2010	Approved By : K.ENDO 19 / 11 /2010

The Project for Construction of Dedicated Freight Corridor (Western: Rewari – Vadodara Section) and Procurement of Electric Locomotives

LIST OF BRIDGES FOR PACKAGE NO. CT P-3 (R): IQBALGARH - VADODARA SECTION

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final	Final		Final	Final	Final	Final	Final	Final	Final	
1	Vadodara	5	131,550.000	202A	1 x 2.0m x 2.0m	2	3	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	26.399		23.122	22.722			23.622		MAKARPURA JUNCTION STATION	1
2	Vadodara	5	131,708.340	202B	1 x 4.0m x 3.7m	4	6	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	26.336		23.210	22.086				Newly Added in lieu of ROB in Yard.		1
3	Vadodara	5	131,760.000	202C	1 x 2.0m x 2.0m	2	-		RCC Box	Minor Bridge for Road	PCC Foundation	Canal			26.316		23.130					For Village Road Loading		2
4	Vadodara	5	132,415.000	202D	1 x 4.0m x 3.7m	4	8	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	26.050		22.880	21.800				Newly Added in lieu of ROB in Yard.		2
5	Vadodara	5	133,365.267	209	1 x 4.0m x 3.0m	4	8	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	25.670	23.139	23.139	23.139			23.339			3
6	Vadodara	5	134,344.965	211	1 x 27.0m / 1 x 31.732m (Skew Span) #	31.732	4	-	PSC Girder	ROB	Pile Foundation	Road	-	-	25.282	23.465	23.460	27.040	31°			DFC Rail level = 27.04m, Straight Length = 27.2m, Skew Length = 31.732m		1
7	Vadodara	5	135,467.393	214	1 x 6.1m	7.075	4	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	29.472	24.713	24.713	24.713			24.922			4
8	Vadodara	5	135,515.393	215	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	29.482	24.527	24.527	24.527						3
9	Vadodara	5	136,531.533	216	2 x 18.3m	39.6	3	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Nalla	-	-	29.689	24.542	16.518	24.542			25.040			1
10	Vadodara	5	136,941.974	217	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	31.342	22.665	22.665	22.665				Separate bridge for connected line.		4
11	Vadodara	5	137,039.524	218	2 x 9.15m x 4.5m	18.3	2		RCC Box	Major Bridge	PCC Foundation	Drain			31.751		19.760	19.760			30.356	Newly added in NKC Meeting by CPM		2
12	Vadodara	5	137,338.672	219	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	33.008	24.157	24.157	24.157						5
13	Vadodara	5	137,800.000	221	1 x 7.0m x 9.25m	7	2	-	RCC Box	RFO	PCC Foundation	DFC line	-	-	34.428	20.573	20.573	21.373	30°			Rail level of MUP = 24.633		1
14	Vadodara	5	138,885.393	222	3 x 45.7m	144.6	2	-	Post Tensioned Box Girder / UnderSlung Steel Composite Girder	Major Bridge	Well Foundation	Vishvamitry River	-	-	29.849	13.119	13.019	13.119		1786	21.280			3
15	Vadodara	5	139,063.393	224	1 x 4.0m x 3.7m	3	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	29.774	24.298	24.298	24.298						6
16	Vadodara	5	139,385.592	225	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	29.452	25.075	25.075	25.075			25.382			5
17	Vadodara	5	139,819.832	227	1 x 6.1m x 5.1m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	29.045	24.001	24.001	24.001						7
18	Vadodara	5	140,683.052	228	1 x 3.0m x 3.0m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	30.081	25.392	25.296	25.392			25.545			6
19	Vadodara	5	141,023.804	229	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	30.501	25.672	25.672	25.672			25.672			8
20	Vadodara	5	141,461.394	230	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Field Channel	-	-	31.113	26.173	26.173	26.173			26.832			7
21	Vadodara	5	142,006.240	231	1 x 3.0m x 3.0m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	31.876	26.759	26.759	26.759			27.890			8
22	Vadodara	5	142,052.980	232	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	B.T.Road	-	-	31.941	26.000	26.121	26.000			26.121			9
23	Vadodara	5	142,321.848	234	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	31.991	26.533	26.533	26.533			27.019			9
24	Vadodara	5	142,675.413	235	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	31.991	27.140	27.140	27.140						10
25	Vadodara	5	142,770.375	236	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Open Foundation	Pond	-	-	31.991	26.218	26.120	26.218			26.218			4
26	Vadodara	5	143,408.069	237	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	31.943	27.165	27.160	27.165						[illegible]
27	Vadodara	5	143,453.049	238	2 x 4.0m x 3.7m	8	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal & Cart Track	-	-	31.940	27.670	27.670	27.670			27.941			[illegible]
28	Vadodara	5	143,985.413	240	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	31.935	27.172	27.158	27.172						12
29	Vadodara	5	144,253.228	242	1 x 6.1m x 2.5m	6.1	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	31.953	27.297	27.297	27.297			27.297			[illegible]
30	Vadodara	5	145,351.214	244	1 x 3.0m x 3.0m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	32.392	27.829	27.829	27.829			28.282			12
31	Vadodara	5	145,492.737	246	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	-	-	32.555	27.670	27.670	27.670						13
32	Vadodara	5	145,960.394	247	1 x 9.15m x 4.5m + 1 x 4.5m x 4.5m	13.65	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	34.776	27.605	27.605	27.605			28.110			13
33	Vadodara	5	146,358.000	247A	1 x 6.1 m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Gas Pipe line	-	-	36.665		28.390							336
34	Vadodara	5	146,556.276	249	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	37.607	28.372	28.372	28.372						14

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
35	Vadodara	5	146,639.250	250	1 x 6.1m x 5.75m + 2 x 9.15m x 5.75m	24.4	2	-	RCC Box	Major Bridge	PCC Foundation	3 Canals + Road	-	-	38.001	28.511	28.511	28.511			28.911			5
36	Vadodara	5	146,696.205	251	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RFO	Pile Foundation	Indian Railway Tracks	-	-	38.271	28.529	28.529	28.529	11°					2
37	Vadodara	5	146,970.394	253	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	S.H (Vadodara Padra)	-	-	37.262	28.475	28.475	28.475	21°					1
38	Vadodara	5	147,408.989	255	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	35.157	27.966	27.966	27.966						15
39	Vadodara	5	147,697.609	256	1 x 9.15m x 4.5m	9.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	34.686	28.601	28.601	28.601	40°		28.601			14
40	Vadodara	5	147,847.799	258	1 x 9.15m x 4.5m	9.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	34.776	28.917	28.917	28.917	60°		28.917			15
41	Vadodara	5	148,387.393	260	1 x 6.1m x 4.75m	6.1	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Road (WBM)	-	-	35.099	28.829	28.829	28.829	10°		29.154			16
42	Vadodara	5	148,500.000	260A	1 x 6.1 m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Gas Pipe line	-	-	35.060		29.077	29.077						337
43	Vadodara	5	148,873.836	263	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	34.723	29.609	29.609	29.609						16
44	Vadodara	5	149,246.658	264	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	Open Foundation	Cart Track	-	-	34.654	29.334	29.334	29.334						17
45	Vadodara	5	149,489.678	265	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	35.261	29.251	29.299	29.251						18
46	Vadodara	5	149,553.893	266	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	35.422	24.737	24.737	24.737			25.223			6
47	Vadodara	5	149,900.394	267	1 x 3.0m x 4.75m + 1 x 6.0m x 4.75m + 1 x 3.0m x 4.75m	12	2	-	RCC Box	Minor Bridge	PCC Foundation	Nalla + B.T.Road	-	-	36.288	29.892	29.892	29.892	18°		29.892			17
48	Vadodara	5	150,678.582	269	2 x 6.1m x 4.75m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Road	-	-	36.337	30.678	30.678	29.000	13°		31.216			18
49	Vadodara	5	151,283.715	272	1 x 9.15m x 4.5m	9.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	35.913	31.373	31.373	31.373	45°		33.760			19
50	Vadodara	5	151,723.718	273	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	36.341	32.210	32.210	32.210			32.817			20
51	Vadodara	5	152,377.751	275	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	-	-	37.165	32.416	32.416	32.416						19
52	Vadodara	5	152,800.394	277	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	37.314	32.620	32.620	32.620			33.135			21
53	Vadodara	5	153,032.452	280	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	37.380	32.682	32.682	32.682						20
54	Vadodara	5	153,230.311	280A	1 x 9.15m	10.3	2		PSC Voided Slab	RUB-Minor	Open Foundation	Gas Pipe & Field Track			37.756		32.065	32.065				1 x 9.15m (no GAD)		21
55	Vadodara	5	153,595.394	283	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	38.814	32.128	32.128	32.128						22
56	Vadodara	5	154,049.369	285	1 x 18.3m	19.8	2	-	PSC Box Girder	RUB-Major	Pile Foundation	S.H-11 (Vodadara-Gotri)	-	-	40.131	33.115	33.115	33.115	16°					2
57	Vadodara	5	154,169.856	285A	1 x 9.15m	10.3	2		PSC Voided Slab	RUB-Minor	Open Foundation	Gas Pipe + Road			39.959		32.690	32.690	60°			1 x 9.15m (no GAD)		23
58	Vadodara	5	155,117.734	287	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	38.288	33.357	33.357	33.357						24
59	Vadodara	5	155,475.394	289	1 x 9.15m + 1 x 30.5m + 1 x 9.15m	54.2	2	-	PSC Voided Slab + PSC Box Girder	Major Bridge	Pile Foundation	Canal + Field Track	-	-	38.825	32.884	32.884	32.320	45°		34.570			7
60	Vadodara	5	155,988.374	290	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road (way to refinery)	-	-	39.587	34.010	34.010	34.010	60°					25
61	Vadodara	5	156,000.000	290A	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	39.603	#N/A	33.917	32.117			33.617			22
62	Vadodara	5	156378.69	290B	1 x 9.15m	10.3	2		PSC Voided Slab	RUB-Minor	Open Foundation	Gas Pipe + Road			40.130		34.466	34.466	60°			1 x 9.15m (no GAD)		26
63	Vadodara	5	156,830.394	292	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	40.758	35.278	35.278	35.278			37.023			23
64	Vadodara	5	156,860.405	293	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D.Road (B.T. Road)	-	-	40.800	34.903	34.903	34.903	60°					2
65	Vadodara	5	157,300.394	294	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	41.411	34.666	34.666	34.666	60°					[illegible]
66	Vadodara	5	157,580.000	294A	1 x 4.0m x 4.0m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	42.400		40.690	37.850						28
67	Vadodara	5	157,880.391	296	1 x 18.3m + 1 x 4.57m	25.345	2	-	PSC Box Girder + PSC Slab	Major Bridge	Open Foundation	Canal + Road	-	-	42.554	36.022	35.020	35.020	10°		36.022			[illegible]
68	Vadodara	5	158,188.340	296A	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	41.350		22.040	22.040			25.040	Spans Revised		24
69	Vadodara	5	158,518.000	297	10 x 30.5m	336	2	-	Post Tensioned Box Girder	Important Bridge	Pile Foundation	Mini River	-	-	40.150		13.025	13.025			16.350	Spans Revised (10 x 30.5m)		1
70	Vadodara	5	158,928.340	297A	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	38.614		23.530	23.530			26.530	Spans Revised		25
71	Vadodara	5	159,348.340	297B	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	36.598		21.470	21.470			24.470	Spans Revised		26
72	Vadodara	5	159,708.340	297C	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	35.419		29.540	29.540			32.540	Spans Revised		27

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
73	Vadodara	5	160,338.273	299	1 x 9.15m x 5.1m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	-	-	38.164	32.913	32.913	32.913	40°					30
74	Vadodara	5	160647.337	300A	2 x 6.1m	14.15	2		PSC Solid Slab	RUB-Minor	Open Foundation	Gas Pipe + Road			36.968		33.522	33.522	35°			2 x 6.1m, Vertical clearance of 2.5m (Restricted), FLS shows 2 gas pipe lines apart		31
75	Vadodara	5	161,108.340	300B	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	34.664		15.220	15.220			18.220	Newly Added		28
76	Vadodara	5	161,188.340	300C	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Balancing Culvert	-	-	34.264		22.720	22.720			25.720	Newly Added		29
77	Vadodara	5	162,321.550	302	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	33.264	18.822	18.822	18.822						32
78	Vadodara	5	162,800.814	305	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road (B.T.Road)	-	-	33.430	17.966	17.966	17.966	50°					33
79	Vadodara	5	163,135.397	306	1 x 6.1m x 5.1m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road (B.T.Road)	-	-	33.598	27.086	26.875	27.086	40°					34
80	Vadodara	5	163,210.320	307	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Local Stream	-	-	33.824	28.790	29.103	24.824			30.321			9
81	Vadodara	5	163,525.547	309	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road (B.T.Road)	-	-	35.400	31.914	31.914	31.150	50°			Top of bottom slab to b e placed at 31.20m. Sub-drain is needed. Box is depressed		35
82	Vadodara	5	163,849.517	310	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	37.020	33.920	33.920	32.620			35.928	As discussed with CPM on 15.06.12, Span has been changed from 1 x 12.2		30
83	Vadodara	5	164,889.056	313	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	38.503	33.622	33.622	33.622						36
84	Vadodara	5	165,501.262	315	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	39.203	33.591	33.591	33.591	30°		34.125			31
85	Vadodara	5	165,761.532	317	1 x 9.15m	10.3	2	-	PSC Voided Slab	RUB-Minor	Open Foundation	S.H (Vasad-Anklav)	-	-	39.501	33.259	33.259	33.259	40°					37
86	Vadodara	5	166,104.342	319	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	40.880	34.306	34.306	34.306						38
87	Vadodara	5	166,675.690	320	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Road	-	-	43.737	35.418	35.200	33.400	15°		35.418			10
88	Vadodara	5	166,932.328	322	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RFO	Pile Foundation	Indian Railway Tracks	-	-	44.918	34.380	34.380	34.380	6.69°			LR rail level = 36.287		3
89	Vadodara	5	166,970.155	323	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	44.940	32.433	32.533	32.433			33.158			11
90	Vadodara	5	167,024.630	324	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	44.968	34.720	34.720	34.720						39
91	Vadodara	5	167,378.439	326	2 x 4.0m x 4.0m + 1 x 6.1m x 4.0m	14.1	4	-	RCC Box	Minor Bridge	PCC Foundation	Canal + B.T Road	-	-	45.190	35.365	35.365	35.365	30°		35.830	4 tracks		32
92	Vadodara	5	167,622.723	327	1 x 9.15 m x 5.0 m	9.150	4	-	RCC Box	Minor Bridge	PCC Foundation	pond	-	-	45.343	33.555	33.355	33.555						338
93	Vadodara	5	167,969.559	330	1 x 4.0m x 3.7m	4	5	-	RCC Box	RUB-Minor	PCC Foundation	Mud road	-	-	45.560	35.124	35.124	35.124						40
94	Vadodara	5	168,619.580	333	1 x 12.2m	13.425	4	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal	-	-	45.958	35.604	35.604	33.200	20°		36.042	Substructure for 4 tracks and superstructure for 3 tracks.		12
95	Vadodara	5	168635	334	1 x 6.1m x 3.7m	6.1	4	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	45.970	35.699	35.547	35.699						41
96	Vadodara	5	168635	334A	2 x 6.1m x 4.0m	12.2	-	-	RCC Box (Road)	Minor Bridge for Road	PCC Foundation	Canal	-	-	45.970	#N/A	35.547	35.547			36.200	Bridge over canal for Road loading not in alignment		33
97	Vadodara	5	169,266.660	335	1 x 4.0m x 3.7m	4	3	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	46.361	35.499	35.449	35.499						42
98	Vadodara	5	169,624.428	336	1 x 6.1m x 4.5m	6.1	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	46.580	35.378	35.378	35.378			35.956			34
99	Vadodara	5	169,679.363	338	2 x 18.3m	39.6	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	S.H (Vasad-Borsad)	-	-	46.612	34.600	35.755	34.600	15°			End of Vasad Yard.		3
100	Vadodara	5	170,078.357	340	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	-	-	44.838	34.830	34.830	34.830						43
101	Vadodara	5	170,150.000	340A	1 x 6.1m x 4.0m	6.100	2	-	RCC Box	Minor Bridge	PCC Foundation	Pond	-	-	44.428		34.444							[illegible]
102	Vadodara	5	170,614.532	342	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	42.485	34.724	34.724	34.724	30°					44
103	Vadodara	5	171,108.357	345	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	42.210	35.070	35.070	35.070	40°					45
104	Vadodara	5	171,508.357	346	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	41.985	34.620	34.620	34.620	30°		35.123			35
105	Vadodara	5	171,535.577	347	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	S.H (Anand-Vadodara)	-	-	41.963	34.006	34.440	34.006	20°					4
106	Vadodara	5	172,376.090	351	1 x 9.15m x 5.1m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	B.T.Road	-	-	41.028	36.034	36.034	36.034	25°					46
107	Vadodara	5	173,637.630	355	1 x 12.2m + 1 x 18.3m + 1 x 12.2m	46.65	2	-	Prestressed Contiguous Box + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal	-	-	42.322	35.867	35.867	32.422			34.612			13
108	Vadodara	5	174,260.240	358	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road (B.T.Road)	-	-	41.974	36.791	36.777	36.791	50°					47

VASAD CROSSING STATION

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
109	Vadodara	5	174,535.569	359	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	41.684	35.260	35.260	35.260			35.928			36
110	Vadodara	5	174,780.059	360	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	41.446	35.693	35.693	35.693	20°		36.131			37
111	Vadodara	5	174,885.935	361	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	41.510	35.925	35.960	35.925	20°					48
112	Vadodara	5	175,428.557	366	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	41.835	37.164	37.164	37.164						49
113	Vadodara	5	175,984.090	368	1 x 6.1m x 4.1m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Mud road	-	-	41.429	35.079	35.079	35.079	40°					50
114	Vadodara	5	176,425.425	369	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	41.429	36.573	36.573	36.573	30°					51
115	Vadodara	5	176,740.000	369A	1 x 4.0m x 4.0m	4.000	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	41.429		36.405	36.405						294
116	Vadodara	5	176,780.000	369B	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	PCC Foundation	Pond	-	-	41.429		36.531	33.531						94
117	Vadodara	5	177,162.638	372	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	41.539	36.647	36.647	36.647	40°					52
118	Vadodara	5	177,804.346	375	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	43.795	36.924	36.924	34.674			36.674			14
119	Vadodara	5	178,651.425	378	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	40.019	35.241	35.241	35.241	55°					53
120	Vadodara	5	179,216.425	380	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	38.154	33.182	33.182	33.182	40°					54
121	Vadodara	5	179,945.400	381	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	S.H (Borsad-Vodadara)	-	-	40.489	33.361	33.361	33.361	11°					5
122	Vadodara	5	180,051.425	382	2 x 12.2m	26.85	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Drain + Cart Track	-	-	40.527	32.252	32.252	32.252	30°		32.670			15
123	Vadodara	5	180,257.899	384	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	40.424	33.236	33.236	33.236	20°					55
124	Vadodara	5	180,500.000	385	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	40.303	33.737	33.737	33.737			34.526			38
125	Vadodara	5	180,597.090	386	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	40.255	33.389	33.389	31.889	15°		33.089			16
126	Vadodara	5	181,500.000	386A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	40.710		33.939	30.939						95
127	Vadodara	5	181,613.540	389	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	40.777	34.502	34.386	32.386	20 / 35°		34.086			17
128	Vadodara	5	182,033.681	389A	1 x 9.15m	10.3	2		PSC Voided Slab	RUB-Minor	Open Foundation	Gas Pipe + Road			40.409		33.707	33.707				Ty1 x 9.15m (no GAD)		56
129	Vadodara	5	182,060.855	389B	2 x 6.1m	14.15	2		PSC Solid Slab	RUB-Minor	Open Foundation	Gas Pipe + Road			40.381		33.604	33.604				2 x 6.1m (no GAD)		57
130	Vadodara	5	182,251.582	391	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla + B.T.Road	-	-	40.191	33.766	33.766	33.766	10°		32.766			18
131	Vadodara	5	182,819.522	393	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub Road	-	-	39.622	34.811	34.811	34.811	30°					58
132	Vadodara	5	183,370.468	395	1 x 6.1m x 4.1m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Sub road	-	-	40.226	34.795	35.451	34.795	30°			Road can be modified downwards by 0.25m and provide drain, road is depressed.		59
133	Vadodara	5	183,821.495	397	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	40.856	32.828	32.711	32.828	30°					60
134	Vadodara	5	184,515.417	398	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RFO	Pile Foundation	Indian Railway TrackS	-	-	42.477	33.064	32.710	33.064	15 / 32°					4
135	Vadodara	5	184,556.404	399	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Mud road	-	-	42.289	33.420	33.420	33.420	30°					61
136	Vadodara	5	184,933.907	401	1 x 6.1m + 1 x 18.3m	26.875	2	-	PSC Solid Span + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	40.552	33.784	33.784	33.784	20 / 27°		34.321	Making bridge for 2[illegible] degree skew.		19
137	Vadodara	5	185,152.838	402	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal	-	-	39.545	34.602	34.602	34.602	33°		35.103			[illegible]
138	Vadodara	5	185,431.388	404	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	38.264	35.653	35.653	34.014				Top of bottom slab to be placed at 34.[illegible]4m. Sump - Drain is needed. RUB to be depressed.		62
139	Vadodara	5	185,928.928	406	2 x 6.1m x 5.1m	12.2	2	-	RCC Box	RUB-Minor	PCC Foundation	District Road (Borsad-Anand)	-	-	37.929	31.564	31.564	31.564	30°					63
140	Vadodara	5	186,393.185	408	1 x 6.1m x 4.6m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Street road	-	-	38.560	30.002	30.002	30.002	30°					64
141	Vadodara	5	186,824.608	409	1 x 12.2m x 5.1m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	M.D.R	-	-	37.710	30.567	30.567	30.567	30°					65

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
142	Vadodara	5	186,950.213	410	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Drain	-	-	37.463	29.763	29.763	27.763	10°		29.463			20
143	Vadodara	5	187,050.000	411	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	37.267	28.790	28.219	28.790			30.132			21
144	Vadodara	5	187,200.000	411A	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	36.971	#N/A	28.618	28.618			30.132			22
145	Vadodara	5	187,687.594	413	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	36.532	31.143	31.142	31.143	30°					66
146	Vadodara	5	188,185.258	414	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Field Channel	-	-	38.822	33.682	33.682	33.682			34.168			40
147	Vadodara	5	188,408.406	415	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal	-	-	39.848	35.042	35.042	35.042	55°		35.856			41
148	Vadodara	5	188,669.552	416	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	41.050	34.707	34.707	34.707			35.015			23
149	Vadodara	5	188,976.397	419	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Field Track	-	-	41.228	37.382	37.382	36.968	20°					67
150	Vadodara	5	189,491.397	421	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Metalled road	-	-	41.228	36.046	36.046	36.046	30°					68
151	Vadodara	5	190,492.367	424	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	42.208	35.282	35.282	35.282	20°		35.659			24
152	Vadodara	5	190,581.397	425	2 x 4.0m x 5.0m	8	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	42.208	36.112	36.112	36.112	30°		38.060			42
153	Vadodara	5	191,006.397	427	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	42.208	34.951	34.951	34.951	30°					69
154	Vadodara	5	191592.476	429	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	S.H (Anand-Sajitra)	-	-	42.970	35.246	35.246	35.246	20°			Raise the Formation level		6
155	Vadodara	5	191,976.396	430	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	41.280	30.006	30.006	30.006			30.560			43
156	Vadodara	5	192,130.224	431	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	40.511	33.517	33.517	33.517						70
157	Vadodara	5	192,557.549	433	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Open Foundation	Canal	-	-	39.866	34.778	34.778	34.778			35.298			44
158	Vadodara	5	192,757.943	434	2 x 9.15m	20.6	2	-	PSC Voided Slab	RUB-Major	Open Foundation	Road + Drain	-	-	40.868	34.608	34.608	34.608/32.608			34.408		HFL for Drain	7
159	Vadodara	5	192,878.393	436	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	41.470	34.476	34.476	34.476			34.721			45
160	Vadodara	5	193,212.360	437	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	40.492	34.376	35.951	34.376						71
161	Vadodara	5	193,573.316	438	3 x 12.2m	40.275	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Drain	-	-	39.101	29.716	29.716	25.716	20°		29.316			25
162	Vadodara	5	194,056.194	440	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	37.856	32.847	32.847	32.847	25°					72
163	Vadodara	5	194,911.350	444	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	39.293	30.464	30.464	30.404			30.464			26
164	Vadodara	5	195444	445	1 x 12.2m + 1 x 18.3m	33.225	2	-	Post Tensioned Box Girder + Prestressed Contiguous Box	Major Bridge	Pile Foundation	State Highway + Canal	-	-	41.548	#N/A	33.920	33.920	15°		32.900			27
165	Vadodara	5	195639.537	447	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	41.261	32.715	32.715	32.715						73
166	Vadodara	5	196502.643	450	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	39.992	31.669	31.669	31.669						74
167	Vadodara	5	196548.393	451	1 x 2.0m x 2.0m	2	4	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	39.925	31.314	31.314	31.314			31.740			46
168	Vadodara	5	197,134.163	453	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	39.064	31.161	31.161	31.161						75
169	Vadodara	5	197,598.397	454	1 x 2.0m x 2.0m	2	4	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	38.381	32.482	32.482	32.482			32.830			47
170	Vadodara	5	197,679.060	455	1 x 9.15m x 5.5m + 1 x 6.1m x 5.5m	15.25	3	-	RCC Box	RUB-Minor	PCC Foundation	District Road Near Changa + Drain	-	-	38.262	31.897	32.259	31.762	15°			4 tracks		76
171	Vadodara	5	197,730.213	457	1 x 9.15m	10.3	3	-	PSC Voided Slab	Minor Bridge	Open Foundation	Nalla	-	-	38.215	33.133	33.133	33.133			33.836			77
172	Vadodara	5	198,017.248	458	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	38.143	31.839	32.260	31.839						77
173	Vadodara	5	198,288.391	459	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	38.075	32.194	29.474	29.474			33.526			28
174	Vadodara	5	198,413.787	461	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	38.044	31.179	32.400	31.179						78
175	Vadodara	5	198,660.000	463	1 x 6.1m + 2 x 12.2m	33.925	2	-	PSC Solid Slab + Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal	-	-	38.031	33.085	32.179	29.636			31.886			29
176	Vadodara	5	198,959.791	464	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal	-	-	38.421	32.585	32.173	32.585	15°		33.326			49
177	Vadodara	5	199,110.994	466	1 x 6.1m x 3.0m	6.1	2	-	RCC Box	Minor Bridge	PCC Foundation	Kutcha Canal	-	-	38.617	32.140	32.140	32.140	60°		32.441			50
178	Vadodara	5	199,333.396	467	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	38.889	31.933	31.924	31.933			32.420			51

CHANGA CROSSING STATION

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
179	Vadodara	5	199,408.000	468	1 x 6.1m x 3.7m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	38.733	30.162	31.964	30.162						79
180	Vadodara	5	199,680.615	469	1 x 6.1m x 3.0m	6.1	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	38.160	32.287	32.287	32.287	45°		32.488			52
181	Vadodara	5	200,268.390	470	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal	-	-	36.926	30.777	30.777	28.977	35°		30.477			30
182	Vadodara	5	200,580.679	471	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	36.842	30.839	30.839	30.839						80
183	Vadodara	5	200,909.441	473	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal	-	-	36.842	30.936	30.936	28.836	40°		30.636			31
184	Vadodara	5	201030.906	474	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal	-	-	36.842	30.659	30.659	28.659	20°		30.359			32
185	Vadodara	5	201,114.000	474A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	36.842		30.893	27.893						96
186	Vadodara	5	201,198.134	475	2 x 4.0m x 5.1m	8	2	-	RCC Box	RUB-Minor	PCC Foundation	District Road	-	-	36.816	31.450	31.419	31.450	15°					81
187	Vadodara	5	201,712.581	478	1 x 9.15m x 4.5m	9.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	36.461	31.827	31.827	31.827			32.120			53
188	Vadodara	5	201,758.779	479	1 x 9.15m x 4.5m	9.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	36.429	32.178	32.178	32.178	20°		31.878			54
189	Vadodara	5	202,066.153	480	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	36.214	30.162	31.345	30.162						82
190	Vadodara	5	202,707.601	482	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	34.147	29.611	29.611	29.611						83
191	Vadodara	5	202,728.396	483	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	34.076	29.201	29.201	29.201			29.650			55
192	Vadodara	5	203,438.396	484	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	32.784	27.698	27.698	27.698			28.153			56
193	Vadodara	5	203,708.984	487	2 x 6.1m x 5.5m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	32.784	18.527	28.157	26.457	45°		27.857			57
194	Vadodara	5	204,420.396	488	2 x 9.15m	20.6	2	-	PSC Voided Slab	Major Bridge	Open Foundation	Drain + Cart Track	-	-	33.072	28.571	28.571	26.471			28.271			33
195	Vadodara	5	205,128.389	490	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	35.904	27.152	27.152	27.152			24.342			58
196	Vadodara	5	205,208.000	491	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	36.223	27.488	27.488	27.488						84
197	Vadodara	5	205,334.063	492	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RFO	Pile Foundation	Indian Railway Tracks	-	-	36.671	27.424	27.517	27.424	8°					5
198	Vadodara	5Co.-M/Dn	470.000	MDN-1	1 x 6.1m x 4.1m	6.1	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	30.381	24.155	24.155	24.155						85
199	Vadodara	5Co.-M/Dn	880.000	MDN-2	2 x 18.3m	39.6	1	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Nalla	-	-	28.331	0.000	18.840	14.010			19.554			34
200	Vadodara	5Co.-M/Dn	945.000	MDN-3	2 x 6.1m x 5.1m	12.2	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	28.006	19.778	19.807	19.778						86
201	Vadodara	5Co.-M/Dn	1,000.700	MDN-4	1 x 6.1m x 3.0m	6.1	1	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	27.727	16.100	16.100	16.100			17.325			59
202	Vadodara	5Co.-M/Dn	1,026.240	MDN-5	1 x 12.2m	13.425	1	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	-	-	27.600	17.269	17.269	17.269			17.385			35
203	Vadodara	5Co.-M/Dn	1,410.000	MDN-6	4 x 4.5m x 2.5m	18	1	-	RCC Box	Major Bridge	PCC Foundation	Drain	-	-	25.699	22.423	23.500	22.599			24.167			36
204	Vadodara	5Co.-M/Dn	2,013.000	MDN-7	1 x 9.15m	10.3	1	-	PSC Voided Slab	Minor Bridge	Open Foundation	Nalla	-	-	23.807	21.615	18.057	21.615	15°		19.340			60
205	Vadodara	5Co.-M/Dn	2,250.000	MDN-8	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	24.857	23.409	21.615	20.557						87
206	Vadodara	5Co.-M/Dn	3,171.750	MDN-9	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	26.850	24.259	23.409	22.550						88
207	Vadodara	5Co.-M/Dn	3,325.740	MDN-10	1 x 3.0m x 2.0m	3	1	-	RCC Box	Minor Bridge	PCC Foundation	Lined channel	-	-	27.207	13.920	24.287	13.920	20°		24.567			61
208	Vadodara	5Co.-M/Dn	3,840.000	MDN-11	5 x 18.3m	99	1	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Drain	-	-	28.051	#N/A	13.920	13.920	25°		16.654			37
209	Vadodara	5Co.-M/Dn	4,479.009	MDN-12	1 x 4.0m x 4.1m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	27.936		21.814	21.814						8[illegible]
210	Vadodara	5Co.-M/Dn	5,024.569	MDN-13	2 x 4.0m x 3.25m	8	1	-	RCC Box	Minor Bridge	PCC Foundation	Exist bridge extension	-	-	28.041		23.996	23.996			26.786	Extension of Existing Bridge		62
211	Vadodara	5Co.-M/Dn	5,299.409	MDN-14	2 x 4.0m x 3.7m	8	1		RCC Box	Minor Bridge	PCC Foundation	Drain			27.860		24.190	24.190			26.756			63
212	Vadodara	5Co.-M/Dn	5,965.499	MDN-16	2 x 4.0m x 3.7m	8	1	-	RCC Box	Minor Bridge	PCC Foundation	Exist bridge extension	-	-	27.381		23.713	23.231			26.226	Extension of Existing Bridge		6[illegible]
213	Vadodara	5Co.-M/Dn	6,381.139	MDN-17	2 x 4.57m x 2.5m	9.14	1	-	RCC Box	Minor Bridge	PCC Foundation	Exist bridge extension	-	-	26.697		24.010	23.747			25.559	Extension of Existing Bridge		65
214	Vadodara	5Co.-M/Up	429.000	MUP-1	2 x 6.1m x 5.1m	12.2	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	29.688	23.179	23.179	23.179						91
215	Vadodara	5Co.-M/Up	529.000	MUP-2	4 x 4.5m x 2.5m	18	1	-	RCC Box	Major Bridge	PCC Foundation	Drain	-	-	29.688		22.107	22.107			26.070			38
216	Vadodara	5Co.-M/Up	977.500	MUP-3	1 x 6.1m x 3.0m	6.1	1	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	30.565	24.754	24.754	24.754			25.180			66
217	Vadodara	5Co.-M/Up	1,100.000	MUP-4	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	30.822	23.170	23.170	23.170						92

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Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
218	Vadodara	5Co.-M/Up	1,380.000	MUP-5	1 x 9.15m x 4.5m	9.15	1	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	31.410	22.810	22.810	22.810			23.213			67
219	Vadodara	5Co.-M/Up	1,676.720	MUP-6	1 x 6.1m x 3.0m	6.1	1	-	RCC Box	Minor Bridge	PCC Foundation	Channel	-	-	32.121	22.141	22.141	22.141			22.525			68
220	Vadodara	5Co.-M/Up	2,065.000	MUP-7	2 x 12.2m	26.85	1	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	-	-	33.869	23.248	23.248	23.248			23.789			39
221	Vadodara	5Co.-M/Up	2,400.000	MUP-8	1 x 6.1m x 3.7m	6.1	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	35.376	23.910	23.910	23.910						93
222	Vadodara	5Co.-M/Up	2,453.140	MUP-9	1 x 6.1m x 3.0m	6.1	1	-	RCC Box	Minor Bridge	PCC Foundation	Channel	-	-	35.615	24.512	24.512	24.512			25.039			69
223	Vadodara	5Co.-M/Up	2,657.000	MUP-10	1 x 30.5m	33.6	1	-	Post Tensioned Box Girder	RFO	Pile Foundation	DFC line	-	-	36.096	25.060	25.060	25.860	58°					6
224	Vadodara	5Co.-M/Up	3,197.000	MUP-11	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	33.911	23.890	23.890	23.890						94
225	Vadodara	5Co.-M/Up	3,447.200	MUP-12	1 x 9.15m	9.15	1	-	PSC Voided Slab	Minor Bridge	Open Foundation	Nalla	-	-	32.687	18.579	18.579	18.579			19.020			70
226	Vadodara	5Co.-M/Up	3,520.000	MUP-13	2 x 12.2m	26.85	1	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	-	-	32.396	23.820	23.820	23.820			24.323			40
227	Vadodara	5Co.-M/Up	3,620.000	MUP-14	2 x 12.2m	26.85	1	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	-	-	31.996	22.510	22.510	22.510			23.612			41
228	Vadodara	5Co.-M/Up	4,218.000	MUP-15	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	29.604	26.065	24.544	24.544						95
229	Vadodara	5Co.-M/Up	4,407.610	MUP-16	1 x 30.5m	33.6	1	-	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Nalla	-	-	29.075	18.006	18.006	18.006	20°		21.006			42
230	Vadodara	5Co.-M/Up	4,679.000	MUP-17	1 x 18.3m	19.8	1	-	Post Tensioned Box Girder	Major Bridge	PCC Foundation	Nalla + Cart Track	-	-	28.478	22.105	22.105	22.105			25.641			43
231	Vadodara	5Co.-M/Up	4,800.000	MUP-18	1 x 4.0m x 3.7m	4	1	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	28.212	23.924	23.924	23.924						96
232	Vadodara	5Co.-M/Up	5,434.550	MUP-20	2 x 4.0m x 3.7m	8	1	-	RCC Box	Minor Bridge	PCC Foundation	Exist bridge extension	-	-	27.217		23.756	23.067			26.226	Extension of Existing Bridge		71
233	Vadodara	5Co.-M/Up	5,850.120	MUP-21	2 x 4.57m x 2.5m	9.14	1	-	RCC Box	Minor Bridge	PCC Foundation	Exist bridge extension	-	-	26.740		24.010	23.790			25.559	Extension of Existing Bridge		72
234	Ahmedabad	6	23,842.000	80	1 x 18.3m x 4.6m	19.8	2	-	PSC Girder	RUB-Major	Pile Foundation	Road	-	-	36.671	27.760	27.711	27.760						98
235	Ahmedabad	6	24,113.000	81	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	36.368	28.144	28.075	26.144			28.800			73
236	Ahmedabad	6	24,489.000	82	1 x 6.1m + 1 x 24.4m + 1 x 6.1m	40.36	2	-	PSC Solid Slab + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Road	-	-	35.879	29.921	29.899	28.357	40°		29.398			44
237	Ahmedabad	6	24,855.000	84	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	34.386	26.939	26.959	24.939			26.759			74
238	Ahmedabad	6	24,938.000	85	1 x 3.5m x 2.6m	3.5	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	33.971	26.629	26.647	26.629			26.447			75
239	Ahmedabad	6	25,360.000	87	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	31.977	26.580	26.580	26.580				**Span to be Checked.**		99
240	Ahmedabad	6	25,615.000	87A	1 x 4.0m x 4.0m	4	2	-	RCC Box	Minor Bridge	PCC Foundation				32.181		26.226							
241	Ahmedabad	6	25,811.000	88	1 x 6.1m + 1 x 18.3m + 1 x 6.1m	33.95	2	-	PSC Solid Slab + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Road	-	-	32.338	26.829	26.812	24.829	45°		26.512			45
242	Ahmedabad	6	26,240.000	90	1 x 3.5m x 2.6m	3.5	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	32.521	26.904	26.904	26.104			26.904			76
243	Ahmedabad	6	26,440.000	91	1 x 18.3m	19.8	2	-	PSC Box Girder	Major Bridge	Pile Foundation	Drain	-	-	32.521	26.517	26.517	24.517			26.831			46
244	Ahmedabad	6	26,793.000	92	1 x 6.1m + 1 x 18.3m + 1 x 6.1m	33.95	2	-	PSC Solid Slab + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Canal + Road	-	-	32.521	26.258	26.466	25.058	20°		26.066			47
245	Ahmedabad	6	27,080.000	92A	1 x 12.2m	13.425	2		Prestressed Contiguous Box	Major Bridge	Open Foundation	Canal	-	-	32.521		24.898	22.898			24.350			[illegible]
246	Ahmedabad	6	27,116.000	92B	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	32.521		24.897	21.897			[illegible]			[illegible]
247	Ahmedabad	6	27,152.000	93	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	M.D.R	-	-	32.521	25.318	25.298	25.318			[illegible]			[illegible]
248	Ahmedabad	6	27,550.000	95	1 x 3.0m x 2.6m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	30.621	25.049	25.049	24.349			25.500			77
249	Ahmedabad	6	27,710.000	96	1 x 3.0m x 2.6m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	29.821	25.282	25.282	25.000			26.670			78
250	Ahmedabad	6	28,020.000	97	1 x 3.0m x 2.6m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	29.246	25.698	25.698	25.198			26.000			79
251	Ahmedabad	6	28,548.000	99	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	30.039	25.241	25.161	25.241	55°					100
252	Ahmedabad	6	28,596.000	100	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	29.936	25.652	25.668	25.012	25°		25.440			80

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
253	Ahmedabad	6	28,870.000	101	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Pipe Crossing	-	-	28.721	24.363	24.363	24.363						81
254	Ahmedabad	6	29,557.000	102	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	Road	-	-	30.256	23.776	23.832	23.257						9
255	Ahmedabad	6	29,574.000	103	1 x 3.0m x 2.6m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	30.341	22.812	22.422	22.212			22.880			82
256	Ahmedabad	6	29,973.000	104	1 x 3.0m x 2.6m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	29.970	21.312	21.356	20.850			22.500			83
257	Ahmedabad	6	30,212.000	105	1 x 12.2m + 1 x 6.1m	20.5	2	-	PSC Solid Slab + Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Road	-	-	29.726	24.117	24.058	22.117	33°		23.430			49
258	Ahmedabad	6	30,953.000	108	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	29.656	24.422	24.371	23.422	35°		24.750			84
259	Ahmedabad	6	31,067.000	109	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	29.656	24.589	24.436	24.589	30°					101
260	Ahmedabad	6	31,440.000	109A	2 x 4.0m x 3.0m	8.0	2	-	RCC Box	Minor Bridge	PCC Foundation		-	-	30.241		23.293							
261	Ahmedabad	6	31,820.000	110	1 x 4.57m + 1 x 12.2m + 1 x 4.57m	24.515	2	-	PSC Solid Slab + Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Road	-	-	30.894	25.089	25.089	23.089			25.050			50
262	Ahmedabad	6	32,469.000	111	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	28.771	22.727	23.553	22.727						102
263	Ahmedabad	6	32,800.000	112	1 x 4.0m x 3.85m	4.0	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	28.443	21.910	21.967	21.310			23.050			85
264	Ahmedabad	6	33,200.000	113	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	28.443	21.530	21.578	20.530			21.990			86
265	Ahmedabad	6	33,528.000	114	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	M.D.R	-	-	28.462	22.017	22.003	22.017	50°					10
266	Ahmedabad	6	33,640.000	115	1 x 4.0m x 3.85m	4.0	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	28.518	21.630	21.630	21.230			22.550			87
267	Ahmedabad	6	34,140.000	115A	1 x 4.0m x 3.85m	4.0	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain			28.768		20.828							
268	Ahmedabad	6	34,451.000	116	2 x 18.3m	39.6	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	State Highway	-	-	28.753	21.016	20.996	21.016						11
269	Ahmedabad	6	34,467.000	117	1 x 9.15m + 2 x 4.0m x 3.7m	18.3	2	-	PSC Voided Slab + RCC Box	Minor Bridge	Raft Foundation	Canal	-	-	28.673	19.642	19.994	18.642	50°		19.357			88
270	Ahmedabad	6	34,508.000	118	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal	-	-	28.458	21.622	21.561	19.622			20.831			89
271	Ahmedabad	6	34,951.000	118A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	26.253		20.082	17.083						98
272	Ahmedabad	6	35,329.000	121	1 x 18.3m + 2 x 6.0m x 4.5m	31.8	2	-	PSC Girder + RCC Box	Major Bridge	Open Foundation	Nalla	-	-	25.540	18.718	18.874	17.718	20°		19.820			51
273	Ahmedabad	6	35,770.000	122	1 x 4.0m x 3.1m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	27.334	19.765	19.765	18.765			20.150			90
274	Ahmedabad	6	35,928.000	123	1 x 30.5m (Height =7m)	33.6	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	State Highway	-	-	27.967	20.933	21.018	21.933	10°					12
275	Ahmedabad	6	35,940.000	123A	1 x 4.0m x 3.1m	4	2		RCC Box	Minor Bridge	PCC Foundation	Drain			28.035		20.435	20.123			21.230			91
276	Ahmedabad	6	36,600.000	124	1 x 4.0m x 3.1m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	24.827	20.774	20.774	20.474			21.310			92
277	Ahmedabad	6	36,909.000	125	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Canal	-	-	24.914	21.218	21.220	19.218	35°		20.850			93
278	Ahmedabad	6	37,310.000	125A	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	25.435	#N/A	20.663	20.663						103
279	Ahmedabad	6	38,044.000	128	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	26.423	21.480	21.523	21.480	30°					104
280	Ahmedabad	6	38,140.000	129	1 x 4.0m x 3.1m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	26.682	21.250	21.250	20.850			21.750			94
281	Ahmedabad	6	38,364.000	130	1 x 12.2m + 1 x 6.10m	20.5	2	-	Prestressed Contiguous Box + PSC Slab	Major Bridge	Open Foundation	Canal	-	-	27.287	22.362	22.397	19.362	20°		21.845			52
282	Ahmedabad	6	38,695.000	131	1 x 9.15m x 5.1m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	28.181	21.889	21.914	21.889						105
283	Ahmedabad	6	39,201.000	132	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Open Foundation	Canal	-	-	29.499	22.713	22.713	20.710	27°		21.498			53
284	Ahmedabad	6	39,894.000	133	7 x 45.7m	337.4	2	-	Post Tensioned Box Girder / UnderSlung Steel Composite Girder	Important Bridge	Well Foundation	Vatrak River	-	-	30.536	16.975	16.971	16.975		8130	22.000			2
285	Ahmedabad	6	40,282.000	134	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	30.362	22.082	22.044	22.082	10°					106

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
286	Ahmedabad	6	40,754.000	135	1 x 30.5m (Height =7m)	33.6	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	State Highway	-	-	29.358	21.397	21.401	21.850	8°					13
287	Ahmedabad	6	40,971.000	136	1 x 9.15m x 4.5m + 1 x 4.0m x 4.5m	13.15	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	28.792	20.930	20.956	19.530	15°		20.281			95
288	Ahmedabad	6	41,380.000	137	2 x 4.0m x 4.0m	8	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	27.320	20.066	20.066	19.066	30°		19.810			96
289	Ahmedabad	6	41,839.000	138	1 x 9.15m x 5.0m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	25.726	20.055	20.010	20.055	53°					107
290	Ahmedabad	6	41,891.000	139	1 x 6.1m + 2 x 18.3m + 1 x 6.1m	53.75	2	-	PSC Solid slab + PSC Box girder	Major Bridge	PCC Foundation	Canal	-	-	25.700	18.204	18.242	16.504			17.815			54
291	Ahmedabad	6	42,843.000	140	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	25.224	20.283	20.320	20.283	30°					108
292	Ahmedabad	6	43,183.000	140A	2 x 12.2 m	26.850	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	25.056		19.769	16.769						99
293	Ahmedabad	6	43,437.000	141	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	24.928	19.864	19.874	19.864	40°					109
294	Ahmedabad	6	43,540.000	142	2 x 3.0m x 2.6m	6	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	24.876	19.899	19.899	19.899			20.237			97
295	Ahmedabad	6	43,694.000	143	1 x 6.1m + 1 x 4.0m x 3.7m	11.075	2	-	PSC Solid Slab + RCC Box	Minor Bridge	Raft Foundation	Canal	-	-	24.799	19.878	19.896	17.550	35°		19.350			98
296	Ahmedabad	6	44,174.000	144	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	24.578	19.506	19.517	19.506	35°					110
297	Ahmedabad	6	44,321.000	145	2 x 6.0m x 4.0m + 1 x 4.0m x 4.0m	16	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	24.622	19.330	19.353	19.330	18°		19.740			99
298	Ahmedabad	6	44,620.000	146	1 x 3.0m x 3.2m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	24.712	18.844	18.844	18.444			19.750			100
299	Ahmedabad	6	44,987.000	147	1 x 3.0m x 3.2m	3	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	24.822		19.630	18.550			19.900			101
300	Ahmedabad	6	45,500.000	147A	2 x 3.5m x 3.2m	7	2		RCC Box	Minor Bridge	PCC Foundation	Drain			25.597		20.293							
301	Ahmedabad	6	45,564.000	148	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	25.789	17.054	20.380	17.054	20°					111
302	Ahmedabad	6	46,070.000	148A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	27.277		21.116	18.116						100
303	Ahmedabad	6	46,163.000	149	1 x 9.15m x 5.0m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	27.354	21.109	21.100	21.219						112
304	Ahmedabad	6	46,175.000	149A	2 x 3.5m x 3.2m	7	2		RCC Box	Minor Bridge	PCC Foundation	drain			27.376		21.088	20.888			21.500			102
305	Ahmedabad	6	46,644.000	152	1 x 6.1m x 5.0m + 1 x 9.15m x 5.0m	15.25	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	28.220	22.489	22.315	20.850	30°		21.855			103
306	Ahmedabad	6	46,958.000	153	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	28.195	21.058	21.132	21.058						113
307	Ahmedabad	6	47,206.000	154	3 x 6.1m x 3.0m	18.3	2	-	RCC Box	Major Bridge	PCC Foundation	Drain	-	-	28.133	21.610	21.590	20.610			21.990			55
308	Ahmedabad	6	47,876.000	155	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	30.420	20.692	22.865	20.692						114
309	Ahmedabad	6	48,198.000	156	2 x 12.2m	26.85	2	-	Prestressed Contiguous Box	RUB-Major	Open Foundation	State Highway	-	-	31.739	21.857	24.707	21.857	20°					14
310	Ahmedabad	6	48,309.000	157	1 x 4.57m + 1 x 12.2m + 1 x 4.57m	24.515	2	-	PSC Solid Slab + Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Road	-	-	31.250	21.216	23.835	21.216	28°		22.099			56
311	Ahmedabad	6	48,632.000	158	1 x 18.3m	19.8	2	-	PSC Box Girder	Major Bridge	Pile Foundation	Nalla	-	-	29.829	20.894	24.085	20.894			24.730			104
312	Ahmedabad	6	48,782.000	159	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	29.090	19.583	21.915	19.583						115
313	Ahmedabad	6	49,560.000	159A	1 x 4.0m x 3.1m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	25.200	20.988	21.888	20.988						
314	Ahmedabad	6	50,510.000	159B	2 x 4.0m x 3.1m	8	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	26.428	#N/A	21.158	20.900			22.500			106
315	Ahmedabad	6	50,690.000	159C	2 x 4.0m x 3.2m	8	2		RCC Box	Minor Bridge	PCC Foundation	Drain			27.292		23.170							
316	Ahmedabad	6	50,763.000	160	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-	-	27.642	19.074	22.706	22.75	10°					116
317	Ahmedabad	6	51,455.000	161	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	30.374	19.997	24.987	25.000						117
318	Ahmedabad	6	51,728.000	162	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	31.439	25.555	28.695	28.750	10°					118
319	Ahmedabad	6	52,326.000	164	1 x 9.15m x 5.0m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	33.771	23.706	27.584	27.89	49°					119

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Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
320	Ahmedabad	6	52,689.000	165	1 x 9.15m + 1 x 4.0m x 3.7m	14.3	2	-	PSC Voided Slab + RCC Box	Minor Bridge	Raft Foundation	Canal	-	-	32.255	22.094	25.609	22.769	20°		24.770			107
321	Ahmedabad	6	52,980.000	165A	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	30.946	18.563	22.456	22.456						120
322	Ahmedabad	6	53,570.000	165B	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	28.291	#N/A	25.453	24.845			25.555			108
323	Ahmedabad	6	54,000.000	166	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	28.541	24.884	27.134	26.245			27.850			109
324	Ahmedabad	6	55,101.000	168	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	State Highway	-	-	33.863	24.147	26.811	24.147	25°					15
325	Ahmedabad	6	56,000.000	169	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track / Diverted Road	-	-	31.631	25.950	28.048	28.048					Timba Crossing Station	121
326	Ahmedabad	6	56,208.000	168A	1 x 12.2 m	13.425	4	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	31.631		27.853	24.583						101
327	Ahmedabad	6	56,930.000	171	1 x 3.0m x 3.0m	3	4	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	31.631	25.349	27.377	26.010			27.550			110
328	Ahmedabad	6	58,072.000	173	1 x 13.0m #	13	3	-	PSC I-Girder	ROB	Pile Foundation	Village road	-	-	31.631	30.766	38.171	38.171	30°					2
329	Ahmedabad	6	59,446.000	175	1 x 9.15m x 4.6m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Metalled Road	-	-	37.712	24.104	31.914	32.35	65°					122
330	Ahmedabad	6	60,050.000	176	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	36.657	25.323	31.097	31.097						123
331	Ahmedabad	6	61,021.000	177	1 x 9.15m x 6.0m + 1 x 4.5m x 6.0m	13.5	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	39.205	26.474	33.310	26.510	28°		29.336			111
332	Ahmedabad	6	61,577.000	178	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	State Highway	-	-	41.600	26.788	32.516	32.950	18°					16
333	Ahmedabad	6	62,739.000	SA-01	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	40.792	26.529	32.554	32.554	30°					124
334	Ahmedabad	6	63,364.000	SA-01A	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	37.974	no GAD	31.292	31.292						125
335	Ahmedabad	6	63,835.000	SA-02	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	36.828	26.479	31.905	31.905	15°					126
336	Ahmedabad	6	65,022.000	SA-03	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Open Foundation	Nalla + Cart Track	-	-	41.019	25.737	32.241	31.800	32°		32.900			57
337	Ahmedabad	6	65,355.000	SA-04	1 x 18.3m	19.8	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	Road	-	-	42.534	28.956	34.646	34.950	10°					17
338	Ahmedabad	6	65,507.000	SA-06	1 x 6.1m + 1 x 18.3m + 1 x 6.1m	33.95	2	-	PSC Solid Slab + Post Tensioned Box Girder	Major Bridge	Pile Foundation	Nalla + Canal + Cart Track	-	-	41.774	29.032	31.875	31.875			33.146			58
339	Ahmedabad	6	65,558.000	SA-07	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal	-	-	41.519	30.477	32.268	31.353			31.890			112
340	Ahmedabad	6	66,865.000	SA-08	1 x 12.2m + 1 x 6.1m	20.5	2	-	Prestressed Contiguous Box + PSC Solid Slab	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	36.874	27.221	32.040	28.520	20°		31.431			59
341	Ahmedabad	6	67,113.000	SA-09	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	35.704	28.603	31.076	30.076	60°		31.500			113
342	Ahmedabad	6	67,466.000	SA-10	1 x 1.2m	1.2	2	-	RCC Pipe	Minor Bridge	PCC Foundation	Drain	-	-	33.939	28.408	30.874	30.814	35°		31.050			114
343	Ahmedabad	6	68,000.000	SA-11	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	36.469	28.861	31.505	28.344	33°		32.350			115
344	Ahmedabad	6	68,506.000	SA-12	2 x 18.3m + 2 x 12.2m	66.450	2	-	Post Tensioned Box Girder + Prestressed Contiguous Box	RUB-Major	Open Foundation	Nalla + Road	-	-	36.469	30.021	31.659	31.000	33°		31.995			295
345	Ahmedabad	6	68,935.000	SA-13	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Nalla	-	-	36.469	28.556	30.365	29.365	35°		30.860			117
346	Ahmedabad	6	69,245.000	SA-14	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	36.844	28.828	30.456	28.237	14°		30.990			[illegible]
347	Ahmedabad	6	69,568.000	SA-15	1 x 9.15m + 1 x 6.1m	17.375	2	-	PSC Voided Slab + PSC Solid Slab	Minor Bridge	Open Foundation	Canal + Cart Track	-	-	36.846	28.581	30.986	30.000	25°		30.900	Foundation Level 5M below GL		[illegible]
348	Ahmedabad	6	70,050.000	SA-16	2 x 24.4m + 3 x 30.5m + 1 x 18.3m	173.02	2	-	Post Tensioned Box Girder	RUB-Major	Pile Foundation	M.D.R	-	-	39.969	29.609	30.792	31.792						[illegible]
349	Ahmedabad	6	70,610.000	SA-17	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Canal + Road	-	-	38.840	28.989	29.420	26.967	25°		29.020			120
350	Ahmedabad	6	70,958.000	SA-18	2 x 24.4m	52.42	2	-	PSC Girder	RUB-Major	Pile Foundation	National Highway	-	-	38.257	29.272	30.349	30.049						19
351	Ahmedabad	6	71,600.000	SA-18A	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	RFO	Pile Foundation	Indian Railway Tracks	-	-	40.659		31.097	31.797						7
352	Ahmedabad	6	71,759.000	SA-19	1 x 6.1m + 1 x 12.2m	20.5	2	-	PSC Solid Slab + Prestressed Contiguous Box	Major Bridge	Pile Foundation	Canal + Cart Track	-	-	39.975	28.651	29.155	28.200	32°		28.955			60

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
353	Ahmedabad	6	71,790.000	SA-20	1 x 6.1m	7.075	2		PSC Solid Slab	RUB-Minor	Raft Foundation	Cart Track			39.842		29.463	29.463						127
354	Ahmedabad	6	72,595.000	SA-21	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Canal + Cart Track	-	-	36.380	29.190	31.188	30.060	26°		30.555			121
355	Ahmedabad	6	72,778.000	SA-22	1 x 6.1m	7.075	2	-	PSC Solid Slab	RUB-Minor	Raft Foundation	Road	-	-	35.958	29.275	31.158	31.158	40°					128
356	Ahmedabad	6	72,788.000	SA-22A	1 x 1.2m	1.2	2		RCC Pipe	Minor Bridge	PCC Foundation	Drain			35.991		30.853	30.123			31.550			122
357	Ahmedabad	6	73,310.000	SA-23	2 x 6.1m x 5.0m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal + Cart Track	-	-	37.714	29.977	31.952	29.950	10°		30.744			123
358	Ahmedabad	6	74,445.000	SA-24	1 x 12.2m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	-	-	34.821	28.463	29.234	27.355	24°		29.550			61
359	Ahmedabad	6	74,500.000	SA-25	2 x 12.2m + 1 x 4.57m + 1 x 9.15m	42.695	2	-	Prestressed Contiguous Box + PSC Solid Slab + PSC Voided Slab	Major Bridge	Pile Foundation	Canal + Road	-	-	34.953	#N/A	29.640	28.100	25°		29.550			62
360	Ahmedabad	6	74,810.000	SA-27	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	35.697	30.064	29.512	29.512						129
361	Ahmedabad	6	75,673.000	SA-28	1 x 9.15m x 4.6m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Road	-	-	39.781	32.565	33.536	33.536						130
362	Ahmedabad	6	76,246.000	SA-29	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	42.262	33.492	33.986	33.986	20°					131
363	Ahmedabad	6	76,697.000	SA-30	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	44.215	36.224	33.786	33.174	20°		34.500			124
364	Ahmedabad	6	76,900.000	SA-31	1 x 9.15m x 4.6m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	44.947	37.279	38.719	38.719	50°					132
365	Ahmedabad	6	77,163.000	SA-32	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Canal	-	-	44.158	38.183	38.957	35.857	50°		37.846			125
366	Ahmedabad	6	77,385.000	SA-33	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	43.492	37.667	37.846	35.846	20°		38.590			126
367	Ahmedabad	6	77,540.000	SA-33A	1 x 9.15m	10.3	2	-	PSC Voided Slab	RUB-Minor	Open Foundation	Gas Pipe + Road	-	-	43.027		35.548	35.548	25°					133
368	Ahmedabad	6	77,642.000	SA-33B	2 x 18.3 m	39.600	2	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Arterial Road	-	-	42.419		36.799	34.631						296
369	Ahmedabad	6	77,776.000	SA-34	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	42.370	37.984	37.623	37.222			38.990			127
370	Ahmedabad	6	78,528.000	SA-36	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Fetewali canal	-	-	43.807	38.300	36.648	35.648	10°		36.200			128
371	Ahmedabad	6	78,910.000	SA-38	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	45.717	37.387	38.838	37.849			39.300			129
372	Ahmedabad	6	79,321.000	SA-39	1 x 9.15m +2 x 18.3m + 1 x 9.15m Ht. 8.0m	60.2	2	-	PSC Voided Slab + PSC Box Girder	RUB-Major	Pile Foundation	State Highway	-	-	47.562	37.631	39.631	40.000	15°					20
373	Ahmedabad	6	79,630.000	SA-40	1 x 6.1m	7.075	6	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Canal + Cart Track	-	-	47.453	37.368	36.117	35.050			35.721			130
374	Ahmedabad	6	80,176.000	SA-40A	1 x 18.3 m	19.800	6	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Street	-	-	46.987		37.975	37.975						297
375	Ahmedabad	6	80,540.000	SA-41	1 x 2.0m x 2.0m	2	5	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	47.125	39.708	39.419	38.512	15°		39.500			131
376	Ahmedabad	6	80,760.000	SA-42	1 x 2.0m x 2.0m	2	5	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	47.308	39.076	39.327	38.327	15°		38.855			132
377	Ahmedabad	6	81,135.000	SA-44	2 x 9.15m x 5.0m	18.3	5	-	RCC Box	Major Bridge	PCC Foundation	Canal + Cart Track	-	-	47.620	40.032	38.863	38.050	45°		38.750			133
378	Ahmedabad	6	81,300.000	SA-45	1 x 9.15m x 5.6m	9.15	5	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	47.758	39.034	39.384	39.384	15°					134
379	Ahmedabad	6	81,849.000	SA-46	1 x 18.3 m	19.800	5	-	PSC Box Girder	RUB-Major	Pile Foundation	VR (Minor Arterial road)	-	-	48.215	41.159	39.822	36.746	50°		39.232			298
380	Ahmedabad	6	82,380.000	SA-47	1 x 6.1m	7.075	5	-	PSC Solid Slab	RUB-Minor	Raft Foundation	Metalled road	-	-	48.847	39.834	38.101	38.834	20°					135
381	Ahmedabad	6	82,826.000	SA-48	1 x 4.0m x 3.7m	4	5	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	50.274	38.657	39.083	39.183	30°					136
382	Ahmedabad	6	82,962.000	SA-48A	2 x 12.2 m	26.850	5	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	Major Arterial Road	-	-	50.735		39.164	38.942						299
383	Ahmedabad	6	83,360.000	SA-48A (DN)	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			51.983		39.083	39.183						137

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
384	Ahmedabad	6	83,665.000	SA-49 (DN)	1 x 18.3m + 1 x 9.15m + 1 x 18.3m	49.9	1		Post Tensioned Box Girder + PSC Voided Slab	Major Bridge	PCC Foundation	Godavari Canal + State Highway			52.959		39.094	39.500	20°					64
385	Ahmedabad	6	83,800.000	SA-49B (DN)	1 x 4.0m x 3.7m	4	1		RCC Box	Minor Bridge	PCC Foundation	Drain			53.391		39.215	38.414			39.750			134
386	Ahmedabad	6	84,043.000	SA-49C (DN)	1 x 18.3m	19.8	1		Post Tensioned Box Girder	RFO	Pile Foundation	DFC Connected Line (2 Tracks)			54.031		40.164	43.120	35°					8
387	Ahmedabad	6	84,120.500	SA-50 (DN)	1 x 18.3m + 1 x 9.15m	30.1	1		Post Tensioned Box Girder + PSC Voided Slab	RFO	Pile Foundation	I.R (2 Tracks) & DFC Connected Line (1 Track)	DFC Connected Line (2 Tracks)		54.031		39.976	41.125	20° - (I.R) & 90° (DFC)					9
388	Ahmedabad	6	84,660.000	SA-52 (DN)	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			52.031		40.318	40.318						138
389	Ahmedabad	6	85,114.000	SA-53 (DN)	1 x 6.1m x 3.7m	6.1	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			50.215		40.829	40.829						139
390	Ahmedabad	6	85,490.000	SA-54 (DN)	1 x 2.0m x 2.0m	2	1		RCC Box	Minor Bridge	PCC Foundation	Drain			48.711		41.336	40.746			41.880			135
391	Ahmedabad	6	85,520.000	SA-52A	2 x 12.2 m	26.850	4		Prestressed Contiguous Box	RUB-Major	Pile Foundation	Minor Arterial Road			48.591		41.234	36.259						300
392	Ahmedabad	6	83,360.000	SA-48A (UP)	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			51.983		39.422	39.422						140
393	Ahmedabad	6	83,650.000	SA-49A (UP)	1 x 18.3m + 1 x 9.15m + 1 x 18.3m	49.9	1		Post Tensioned Box Girder + PSC Voided Slab	Major Bridge	PCC Foundation	Godavari Canal + State Highway			52.911		39.736	40.736	10°					65
394	Ahmedabad	6	83,870.000	SA-49B (UP)	1 x 4.0m x 3.7m	4	1		RCC Box	Minor Bridge	PCC Foundation	Drain			53.615		39.396	39.000			39.990			136
395	Ahmedabad	6	84,048.000	SA-49C (UP)	1 x 12.2m	13.425	1		Prestressed Contiguous Box	RFO	Pile Foundation	DFC Connected Line (1 Tracks)			54.031		39.991	43.720	20°					10
396	Ahmedabad	6	84,100.000	SA-50 (UP)	1 x 18.3m	19.8	1		Post Tensioned Box Girder	RFO	Pile Foundation	Indian Railway Line (2 Tracks)			54.031		40.402	41.125	15°					11
397	Ahmedabad	6	84,145.000	SA-51 (UP)	1 x 9.15m	10.3	1		PSC Voided Slab	RFO	Pile Foundation	DFC Connected Line (1 Tracks)			54.031		40.430	44.252						12
398	Ahmedabad	6	84,428.000	SA-52 (UP)	1 x 6.1m x 4.6m	6.1	1		RCC Box	RUB-Minor	PCC Foundation	Road			52.959		40.377	40.677	55°					141
399	Ahmedabad	6	84,860.000	SA-53 (UP)	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Road			51.231		40.505	40.605						142
400	Ahmedabad	6	85,240.000	SA-54 (UP)	1 x 2.0m x 2.0m	2	1		RCC Box	Minor Bridge	PCC Foundation	Drain			49.711		40.528	40.128			41.500			137
401	Ahmedabad	7	85,996.000	238	1 x 4.0m x 4.1m	4	4		RCC Box	RUB-Minor	PCC Foundation	Cart Track			46.047		39.731	39.931						143
402	Ahmedabad	7	86,428.000	239	1 x 4.0m x 4.1m	4	4		RCC Box	RUB-Minor	PCC Foundation	Road			45.658		41.019	41.019						144
403	Ahmedabad	7	86,765.000	SA-55	2 x 9.15m x 4.6m	18.3	4	-	RCC Box	RUB-Major	PCC Foundation	Road	-	-	45.658	0.000	44.402	44.402						21
404	Ahmedabad	7	95,326.000	SA-55A	2 x 18.3 m	39.600	4	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Arterial Road	-	-	46.310		42.869	38.478						301
405	Ahmedabad	7	95,460.000	240	1 x 2.0m x 2.0m	2	4	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	48.578	42.504	42.504	41.504			42.750			138
406	Ahmedabad	7	96,226.000	241	1 x 4.0m x 3.7m	4	4	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	48.104	43.127	43.104	43.104						145
407	Ahmedabad	7	97,161.000	241A	2 x 9.15 m x 5.5 m	18.300	4	-	RCC Box	RUB-Major	PCC Foundation	Minor Arterial Road	-	-	49.569		43.919	42.869						302
408	Ahmedabad	7	97,974.000	243	1 x 9.15m x 5.0m	9.15	6	-	RCC Box	RUB-Minor	PCC Foundation	Road & Small Drain	-	-	50.722	44.601	44.550	44.550	27°					146
409	Ahmedabad	7	98,299.000	244	1 x 2.0m x 2.0m	2	6	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	51.182	44.690	44.686	44.000			45.400			139
410	Ahmedabad	7	98,658.000	245	1 x 9.15m x 4.5m	9.15	7	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	51.690	44.720	44.712	43.250	36°		44.350			140
411	Ahmedabad	7	98,894.000	247	1 x 9.15m x 5.5m	10.3	6	-	PSC Voided Slab	RUB-Minor	Open Foundation	Road	-	-	52.024	44.841	44.855	44.855	45°					147
412	Ahmedabad	7	98,918.000	248	2 x 9.15m x 5.5m	20.6	6		PSC Voided Slab	RUB-Major	Open Foundation	ONGC + Road			52.058	44.876	45.043	45.043	45°			Gas pipe line crossing		22
413	Ahmedabad	7	99,503.000	249A	3 x 9.15 m x 5.5 m	27.450	6	-	RCC Box	RUB-Major	PCC Foundation	Major Arterial Road	-	-	52.884		46.184	46.184						303
414	Ahmedabad	7	100,021.000	251	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-	-	53.619	46.151	46.165	44.500	45°		45.700			141
415	Ahmedabad	7	100,054.000	252	2 x 12.2m	26.85	2	-	Prestressed Contiguous Box	RUB-Major	Open Foundation	M.D.R	-	-	53.667	46.559	46.529	46.5	20°					23
416	Ahmedabad	7	100,071.000	253	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	53.690	46.406	46.398	46.000	45°		47.500			142

DFCC NEW DELHI

NK CONSORTIUM
SABARMATI NORTH LINE CONSTRUCTION

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
417	Ahmedabad	7	100,215.000	254	1 x 9.15m x 5.5m	10.3	2	-	PSC Voided Slab	RUB-Minor	Open Foundation	ONGC + Road	-	-	53.894	46.785	46.870	46.785	66°					148
418	Ahmedabad	7	100,607.000	256	1 x 4.0m x 3.7m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	55.56	50.490	50.369	50.369						149
419	Ahmedabad	7	100,907.000	257	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	55.445	54.928	54.972	51.395	30°		52.674			143
420	Ahmedabad	7	101,400.000	258	1 x 4.0m x 5.5m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	54.705	56.354	56.354	50.455				Depressed with drainage arrangement		150
421	Ahmedabad	7	101,682.000	260	1 x 9.15m	10.3	2	-	PSC Voided Slab	Minor Bridge	Open Foundation	Drain + Cart track	-	-	54.246	49.430	49.432	48.37	10°		50.003			144
422	Ahmedabad	7	101,872.000	261	1 x 9.15m x 5.0m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	53.638	47.709	47.674	48.25	20°			**Need to confirm with DFCCIL/CPM**		151
423	Ahmedabad	7	101,925.000	261A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	53.511		47.065	47.065						102
424	Ahmedabad	7	102,370.000	262	1 x 4.0m x 5.5m	4	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	52.044	47.165	47.165	47.165						152
425	Ahmedabad	7	102,570.000	262A	2 x 18.3 m	39.600	2	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Arterial Road	-	-	51.404		47.200	43.56						304
426	Ahmedabad	7	102,600.000	262B	1 x 0.3m	0.300	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	51.308		47.427	47.427						10
427	Ahmedabad	7	102,745.000	263	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	50.844	47.622	47.666	47.666	40°		49.690			145
428	Ahmedabad	7	102,800.000	263A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	50.668		47.359	47.359						11
429	Ahmedabad	7	103,000.000	263B	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	50.028		47.738	47.738						12
430	Ahmedabad	7	103,046.000	265	1 x 1.2m x 1.2m	1.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	49.881	48.040	48.237	48.237	20°		49.324			146
431	Ahmedabad	7	103,200.000	265A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	50.169		47.983	47.983						13
432	Ahmedabad	7	103,400.000	265B	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	50.949		48.220	48.22						14
433	Ahmedabad	7	103,600.000	265C	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	51.729		48.221	48.221						15
434	Ahmedabad	7	103,800.000	265D	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	52.509		47.866	47.866						16
435	Ahmedabad	7	103,910.000	266	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	52.930	48.055	48.055	48.055	55°					153
436	Ahmedabad	7	103,960.000	265E	1 x 1.2m x 1.2m	1.200	2	-	RCC Box	Track Crossing	PCC Foundation	For Reptiles	-	-	53.105		48.281	48.281						17
437	Ahmedabad	7	104,000.000	266A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	53.245		48.391	48.391						18
438	Ahmedabad	7	104,200.000	266B	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	53.945		48.988	48.988						19
439	Ahmedabad	7	104,349.000	267	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	54.466	49.783	49.780	49.78						154
440	Ahmedabad	7	104,400.000	267A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	54.645		49.939	49.939						20
441	Ahmedabad	7	104,600.000	267B	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	55.345		49.565	49.565						21
442	Ahmedabad	7	104,793.000	268	1 x 9.0m x 5.0m	9.0	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	55.841	49.129	49.131	49.131				**Need to confirm with DFCCIL/CPM**		155
443	Ahmedabad	7	104,820.000	268A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	55.725		49.192	49.192						22
444	Ahmedabad	7	104,900.000	268B	1 x 1.2m x 1.2m	1.200	2	-	RCC Box	Track Crossing	PCC Foundation	For Reptiles	-	-	55.381		49.459	49.459						23
445	Ahmedabad	7	105,000.000	268C	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	54.951		49.564	49.564						24
446	Ahmedabad	7	105,200.000	268D	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	54.091		51.236	51.236						25
447	Ahmedabad	7	105,400.000	268E	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	53.231		50.631	50.631						26

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
448	Ahmedabad	7	105,600.000	268F	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	53.528		50.383	50.383						27
449	Ahmedabad	7	105,700.000	268G	1 x 1.2m x 1.2m	1.200	2	-	RCC Box	Track Crossing	PCC Foundation	For Reptiles	-	-	53.988		50.557	50.557						28
450	Ahmedabad	7	105,800.000	268H	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	54.448		50.755	50.755						29
451	Ahmedabad	7	106,000.000	268I	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	55.368		50.423	50.423						30
452	Ahmedabad	7	106,200.000	268J	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	56.288		51.058	51.058						31
453	Ahmedabad	7	106,215.000	270	1 x 2.0m x 2.0m	2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	56.357	51.067	51.071	50.071			51.750			147
454	Ahmedabad	7	106,400.000	270A	1 x 0.3m	0.300	2	-	RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	-	-	57.208		51.133	51.133						32
455	Ahmedabad	7	106,583.000	271	1 x 12.2m x 5.0m	13.425	2	-	Prestressed Contiguous Box	RUB-Major	Open Foundation	State Highway	-	-	57.854	50.890	50.907	50.907	10°					24
456	Ahmedabad	7	106,610.000	271A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-	-	57.776		51.004	48.004						103
457	Ahmedabad	7	106,950.000	272	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	56.423	51.558	51.558	51.558	33°					156
458	Ahmedabad	7	108,100.000	274	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Metalled Road	i	-	59.140	54.336	54.336	54.336						157
459	Ahmedabad	7	108,661.000	275	1 x 9.15m x 4.6m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-	-	58.86	54.075	54.060	53.26	35°			Need to confirm with DFCCIL/CPM		158
460	Ahmedabad	7	108,900.000	276	1 x 9.15m x 5.5m	10.3	2	-	PSC Voided Slab	RUB-Minor	Open Foundation	ONGC + Road	-	-	58.564	52.921	52.921	52.921	57°					159
461	Ahmedabad	7	109,215.000	276A	2 x 18.3 m	39.600	2	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Arterial Road	-	-	58.06		52.378	50.304						305
462	Ahmedabad	7	109,436.000	277	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Cart Track	-	-	57.809	52.823	52.831	52.831						160
463	Ahmedabad	7	109,850.000	278	2 x 6.1m x 5.0m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	58.778	53.119	53.119	52.9			54.092			148
464	Ahmedabad	7	110,020.000	279	1 x 9.15m x 4.6m	9.15	2	-	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	-	-	59.175	53.371	53.371	53.371				Need to confirm with DFCCIL/CPM		161
465	Ahmedabad	7	110,874.000	280	1 x 12.2m x 5.5m	12.2	2	-	Prestressed contiguous Box	RUB-Major	PCC Foundation	M.D. Road	-	-	60.681	54.757	54.792	54.792	48°			Need to confirm with DFCCIL/CPM		162
466	Ahmedabad	7	111,206.000	281	1 x 4.0m x 3.7m	4	2	-	RCC Box	Minor Bridge	PCC Foundation	Drain	-	-	60.681	55.323	55.284	54.5			56.323			149
467	Ahmedabad	7	111,773.000	282	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Pile Foundation	Cart Track	-	-	60.722	55.841	55.831	55.831						163
468	Ahmedabad	7	112,110.000	283	1 x 6.1m	7.075	2	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Drain	-	-	61.329	56.212	56.121	55.212			57.331			150
469	Ahmedabad	8N	350.000	1	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-		61.896	57.135	57.135	57.135						164
470	Ahmedabad	8N	1,345.000	2	1 x 5.5m x 3.0m	5.545	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-		61.735	58.552	58.552	57.05	25°		58.250			[illegible]
471	Ahmedabad	8N	1,382.000	3	1 x 5.5m x 3.0m	5.545	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-		61.908	58.196	58.196	56.75	25°		57.950			152
472	Ahmedabad	8N	1,530.000	4	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-		62.604	57.914	57.910	58.500	33°					165
473	Ahmedabad	8N	1,700.000	4A	2 x 12.2 m	26.850	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	Major Street	-		63.328		57.912	57.912						306
474	Ahmedabad	8N	2,260.000	5	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-		65.688	58.539	58.539	59.038	67°					166
475	Ahmedabad	8N	2,590.000	5A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-		67.338		59.030	59.030						104
476	Ahmedabad	8N	3,138.000	5B	1 x 6.0m x 4.6m	6.000	2	-	RCC Box	RUB-Minor	PCC Foundation	Near Canal service Road	-		70.078		59.749	59.749						307
477	Ahmedabad	8N	3,250.000	7	1 x 6.1m + 2 x 45.7m + 1 x 6.1m	110.55	2	-	PSC Solid Span + Post Tensioned Box Girder / [illegible]	Major Bridge	Well Foundation	Narmada Canal	-		70.088	55.584	63.500	53.000			61.167	Important Bridge in P3A		66
478	Ahmedabad	8N	3,353.000	7A	1 x 6.0m x 4.6m	6.000	2	-	RCC Box	RUB-Minor	PCC Foundation	Near Canal service Road	-	-	70.088		63.869	63.869						308

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Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
479	Ahmedabad	8N	3,403.000	9	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-		70.088	61.061	61.061	61.687	20°			1 x 6.1m (HT-5.0m)		167
480	Ahmedabad	8N	3,990.000	10	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Raft Foundation	M.D.R	-		67.238	61.075	61.069	61.575						168
481	Ahmedabad	8N	4,485.000	10A	2 x 12.2 m	26.850	2	-	Prestressed Contiguous Box	RUB-Major	Pile Foundation	Major Street	-	-	66.953		61.232	59.648						309
482	Ahmedabad	8N	4,700.000	11	1 x 6.1m	7.075	2	-	PSC Solid Slab	RUB-Minor	Raft Foundation	Road (B.T. Road)	-		67.168	61.859	61.858	62.358	61°					169
483	Ahmedabad	8N	5,630.000	12	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	Raft Foundation	Road (B.T. Road)	-		68.414	63.340	63.336	63.336	30°					170
484	Ahmedabad	8N	6,308.000	14	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-		69.458	64.610	64.610	64.358						171
485	Ahmedabad	8N	6,688.000	15	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-		71.358	64.635	64.635	64.635						172
486	Ahmedabad	8N	6,772.000	15A	2 x 18.3 m	39.600	2	-	PSC Box Girder	RUB-Major	PCC Foundation	Major Arterial Road	-		71.778		64.709	64.709						310
487	Ahmedabad	8N	6,920.000	16	2 x 6.1m x 3.0m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Canal	-		72.518	66.096	66.096	64.09	30°		65.500			67
488	Ahmedabad	8N	7,467.000	16A	1 x 18.3 m	19.800	2	-	PSC Box Girder	RUB-Major	Pile Foundation	Major Arterial Road	-		75.253		67.084	67.084						311
489	Ahmedabad	8N	7,590.000	17	2 x 4.5m x 5.1m	9	2	-	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	-		75.868	66.806	66.806	66.806	15°					173
490	Ahmedabad	8N	8,135.000	18	1 x 18.3m	19.8	2	-	Prestressed Contiguous Box	RFO	Pile Foundation	Indian Railway Tracks	-		78.179	69.688	68.160	69.688						13
491	Ahmedabad	8N	8,240.000	19	1 x 9.15m +2 x 18.3m + 1 x 9.15m Ht. 8.0m	60.2	2	-	PSC Voided Slab + Post Tensioned Box Girder	RUB-Major	Pile Foundation	State Highway	-		77.654	68.635	68.635	68.74						25
492	Ahmedabad	8N	8,820.000	20	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	Raft Foundation	Cart Track	-		74.754	66.789	66.789	67.288	73°			1 x 6.1m (HT-5.0m)		174
493	Ahmedabad	8N	9,340.000	21	2 x 6.1m x 3.0m	12.2	2	-	RCC Box	Minor Bridge	PCC Foundation	Dry Canal	-		72.154	66.791	66.791	65.200	30°		66.300			68
494	Ahmedabad	8N	9,880.000	22	2 x 6.1m x 5.5m	12.2	2	-	RCC Box	RUB-Minor	Open Foundation	ONGC + Road	-		73.326	68.241	68.241	68.741	32°					175
495	Ahmedabad	8N	10,085.000	23	1 x 6.1m x 5.5m	6.1	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-		74.105	68.752	68.752	69.12	60°			1 x 6.1m (HT-4.5m)		176
496	Ahmedabad	8N	11,125.000	24	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-		75.137	70.799	70.801	70.037	38°					177
497	Ahmedabad	8N	11,810.000	25	1 x 6.1m x 5.0m	6.1	2	-	RCC Box	RUB-Minor	Raft Foundation	Village Road	-		77.691	71.893	71.893	72.384	38°			1 x 6.1m (HT-4.5m)		178
498	Ahmedabad	8N	12,490.000	26	1 x 5.0m x 4.0m	5	2	-	RCC Box	RUB-Minor	PCC Foundation	Village Road	-		77.314	72.719	72.719	72.719	60°					179
499	Ahmedabad	8N	13,035.000	27	2 x 6.1m	14.15	2	-	PSC Solid Slab	Minor Bridge	Raft Foundation	Canal	-		75.134	71.882	71.906	69.85	8°		71.400			153
500	Ahmedabad	8N	13,084.000	27A	1 x 12.2 m	13.425	2	-	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond	-		75.034		71.673	71.67						105
501	Ahmedabad	8N	13,460.000	27B	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			74.640		74.470							1
502	Ahmedabad	8N	14,045.000	31	1 x 1.2m x 1.2m	1.2	2	pipe drain	RCC Box	Minor Bridge	PCC Foundation	Utility	10.056		76.220	74.063	74.063	73.841			74.410			154
503	Ahmedabad	8N	14,100.000	32	1 x 1.2m x 1.2m	1.2	2	pipe drain	RCC Box	Minor Bridge	PCC Foundation	Utility	10.029		76.368	73.627	73.627	73.97			74.600			155
504	Ahmedabad	8N	14,124.000	33	1 x 2.0m x 1.2m	2	2	Arch cum Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	10.04		76.433	74.327	74.327	74.281			74.811			156
505	Ahmedabad	8N	14,990.000	34	1 x 2.0m x 2.0m	2	2	Arch cum Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	19.2		77.664	74.125	74.125	73.356			74.500			157
506	Ahmedabad	8N	15,252.000	35	1 x 2.0m x 1.2m	2	2	CL Pipe	RCC Box	Minor Bridge	PCC Foundation	Drain	12.193		77.664	74.407	74.419	74.419	3°		75.173			158
507	Ahmedabad	8N	15,550.000	35A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			77.664		75.270							2
508	Ahmedabad	8N	15,980.000	36	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	13.421		77.681	75.399	75.399	72.731						16
509	Ahmedabad	8N	16,200.000	37	1 x 4.5m x 3.0m	4.5	2	Arch Bridge	RCC Box	Minor Bridge	PCC Foundation	Drain	15.307		77.863	74.418	73.005	73.005			73.900			[illegible]
510	Ahmedabad	8N	16,920.000	38	3 x 6.1m x 3.0m	18.3	4	PSC Slab	RCC Box	Major Bridge	PCC Foundation	Nalla	15.001		78.461	73.544	73.544	71.376	16°		74.764			[illegible]
511	Ahmedabad	8N	17,450.000	39	1 x 1.2m x 1.2m	1.2	5	pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.888		78.900	74.060	74.060	74.060			74.712			160
512	Ahmedabad	8N	18,155.000	40	2 x 4.5m x 4.6m	9	4	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	25.996		79.486	75.169	75.170	72.149				Tracks		181
513	Ahmedabad	8N	18,200.000	40A	1 x 6.0m x 2.5m	6	4		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			79.523		76.378							3
514	Ahmedabad	8N	18,225.000	41	3 x 6.1m x 3.0m	18.3	4	PSC Slab	RCC Box	Major Bridge	PCC Foundation	Drain	16.72		79.544	74.463	76.188	75.461		9.893	76.363			70
515	Ahmedabad	8N	18,710.000	42	1 x 1.2m x 1.2m	1.2	2	BD	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	20.46		79.964	77.782	77.782	77.500			78.245			161

DFCC NEW DELHI

NK CONSORTIUM NJPL

GH MAN ROSSING STATION

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
516	Ahmedabad	8N	19,000.000	43	1 x 1.2m x 1.2m	1.2	2	BD	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.264		80.718	79.629	79.629	79.430			79.723			162
517	Ahmedabad	8N	19,100.000	43A	1 x 5.5m x 3.7m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road (B.T Road)	9.893		80.978	80.070	80.070	76.728						182
518	Ahmedabad	8N	19,725.000	44	1 x 4.0m x 3.0m	4	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	9.795		80.666	76.360	76.360	76.021			77.421			163
519	Ahmedabad	8N	20,425.000	45	2 x 12.2m	26.85	2	PSC Slab	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	15.047		81.214	76.240	76.240	76.240		12.95	77.536			71
520	Ahmedabad	8N	20,640.000	45A	1 x 5.5m x 3.7m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road	25.996		81.433	80.532	80.532	77.183	39°					183
521	Ahmedabad	8N	20,900.000	46	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain Pipe	11.558		81.745	78.225	78.225	78.225			78.400			164
522	Ahmedabad	8N	21,408.000	47	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain Pipe	20.397		82.355	78.174	78.174	78.174	4°		79.116			165
523	Ahmedabad	8N	21,700.000	47A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type	20.623		82.561	82.118	82.118					Pedestrian subway are depressed		4
524	Ahmedabad	8N	22,012.000	48	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	20.623		82.561	80.640	80.640	80.642			81.110			166
525	Ahmedabad	8N	22,270.000	49	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain Pipe	20.61		82.561	81.019	81.019	79.802			81.602			167
526	Ahmedabad	8N	22,520.000	50	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain Pipe	20.6		82.561	81.098	81.661	81.098			81.900			168
527	Ahmedabad	8N	22,900.000	51	7 x 3.1m x 3.5m	21.7	2	Arch	RCC Box	Major Bridge	PCC Foundation	Nalla	16.416		83.017	78.105	78.106	77.800			80.614			72
528	Ahmedabad	8N	23,510.000	52	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	16.586		85.335	84.600	84.600	83.800			84.800			169
529	Ahmedabad	8N	23,600.000	52A	1 x 5.5m x 3.7m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road			85.601	85.014	85.014	81.351						184
530	Ahmedabad	8N	23,825.000	53	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	21.73		85.601	81.694	81.694	81.694			82.800			170
531	Ahmedabad	8N	24,200.000	54	1 x 3.0m x 3.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	22.065		85.601	79.925	79.925	79.925			81.602			171
532	Ahmedabad	8N	24,300.000	54A	1 x 5.5m x 3.7m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	22.087		85.601	81.456	81.456	81.351						185
533	Ahmedabad	8N	25,580.000	55	3 x 12.2m	40.275	2	Slab drain	Prestressed Contiguous Box	Major Bridge	Open Foundation	Nalla	15.04		87.232	82.065	82.065	82.065			82.600			73
534	Ahmedabad	8N	25,950.000	56	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.16		86.900	84.138	84.138	84.138			84.514			172
535	Ahmedabad	8N	26,100.000	56A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			86.705	84.843	84.843							5
536	Ahmedabad	8N	26,790.000	57	1 x 3.0m x 2.0m	3	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.906		86.820	83.116	83.116	83.116			83.252			173
537	Ahmedabad	8N	26,980.000	58	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.014		87.447	83.485	83.485	83.485			83.985			174
538	Ahmedabad	8N	27,162.000	59	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.112		88.048	83.958	83.958	83.958			84.324			175
539	Ahmedabad	8N	27,606.000	60	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.756		89.163	88.338	88.338	87.713			88.550			176
540	Ahmedabad	8N	28,143.000	61	1 x 3.0m x 3.0m	3	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.077		89.163	86.645	86.645	85.145			87.200			177
541	Ahmedabad	8N	28,870.000	61A	2 x 4.5m x 3.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road	25.996		89.178	88.365	88.365	83.414						186
542	Ahmedabad	8N	29,930.000	63	4 x 12.2m	53.7	2		Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	12.000		89.663	85.409	86.422	85.283			85.984			74
543	Ahmedabad	8N	30,160.000	64	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	4.92		89.663	89.004	89.004	88.100			89.100			178
544	Ahmedabad	8N	30,300.000	64A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			89.663		89.677							6
545	Ahmedabad	8N	30,575.000	65	1 x 2.0m x 1.2m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	1.555		89.663	89.295	89.295	88.100			89.300			[illegible]
546	Ahmedabad	8N	31,100.000	65A	1 x 5.5m x 3.7m	5.5	2	LC	RCC Box	RUB-Minor	PCC Foundation				91.103		90.628							[illegible]
547	Ahmedabad	8N	31,527.000	66	1 x 2.0m x 2.0m	2	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.1		91.822	89.091	89.093	89.051			89.655			[illegible]
548	Ahmedabad	8N	32,392.000	67	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.94		90.863	88.079	88.079	88.079			88.613			181
549	Ahmedabad	8N	32,855.000	68	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.837		90.620	88.856	88.856	88.856			88.960			182
550	Ahmedabad	8N	32,915.000	69	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.856		90.620	88.432	88.432	88.35			88.600			183
551	Ahmedabad	8N	33,165.000	70	1 x 2.0m x 1.2m	2	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.816		90.620	87.921	87.921	87.332			88.300			184
552	Ahmedabad	8N	33,605.000	71	1 x 2.0m x 1.2m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.877		90.763	88.323	88.323	88.157			88.557			185
553	Ahmedabad	8N	34,000.000	72	2 x 3.0m x 2.0m	6	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.788		91.632	88.350	88.350	88.35			89.100			186

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
554	Ahmedabad	8N	34,498.000	73	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.69		91.644	88.733	88.733	88.451			88.851			187
555	Ahmedabad	8N	34,795.000	74	2 x 3.0m x 2.0m	6	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.712		91.050	87.613	87.611	87.611			88.106			188
556	Ahmedabad	8N	34,900.000	74A	2 x 4.5m x 4.5m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road	15.16		90.840	89.110	89.150	84.59						187
557	Ahmedabad	8N	34,962.000	75	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.687		90.716	87.326	87.326	87.00			87.450			189
558	Ahmedabad	8N	35,434.000	76	3 x 3.0m x 2.0m	9	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.68		91.442	88.824	88.827	88.37			89.696			190
559	Ahmedabad	8N	36,080.000	77	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.77		92.540	89.625	89.623	89.623			90.023			191
560	Ahmedabad	8N	36,330.000	77A	1 x 5.5m x 4.6m	5.5	2		RCC Box	RUB-Minor	PCC Foundation	Road			92.540		92.511	87.24						188
561	Ahmedabad	8N	36,438.000	78	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.768		92.540	91.147	91.148	90.65			91.150			192
562	Ahmedabad	8N	37,008.000	79	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.017		90.733	88.084	89.286	89.198			90.050			193
563	Ahmedabad	8N	37,388.000	80	1 x 2.0m x 1.2m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	23.22		90.238		87.700	87.425			88.030			194
564	Ahmedabad	8N	37,800.000	80A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type	10.017		90.650		89.285	90.65						7
565	Ahmedabad	8N	38,213.000	81	2 x 2.0m x 2.0m	4	2	Slab culvert	RCC Box	Minor Bridge	PCC Foundation	Nalla	22.13		90.437	86.124	86.134	86.134			86.845			195
566	Ahmedabad	8N	38,580.000	81A	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	29.11		90.070	85.519	85.519	85.519						189
567	Ahmedabad	8N	38,680.000	82	1 x 1.2m x 1.2m	1.2	2	pipe culvert	RCC Box	Minor Bridge	PCC Foundation	Nalla	44.65		89.970	91.672	84.611	84.611			85.300			196
568	Ahmedabad	8N	38,825.000	83	1 x 4.0m x 3.7m	4	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	> 95.11		89.947	83.795	83.796	83.796			85.575			197
569	Ahmedabad	8N	39,100.000	83A	1 x 4.0m x 3.7m	4	2		RCC Box	RUB-Minor	PCC Foundation	Cart Track			91.020		84.680	84.680						190
570	Ahmedabad	8N	39,430.000	84	2 x 6.65m x 6.565m	13.3	2		RCC Box	Minor Bridge	PCC Foundation	Drain	>100		92.307	83.900	83.979	83.979			85.645			198
571	Ahmedabad	8N	39,560.000	84A	1 x 4.0m x 3.7m	4	2		RCC Box	RUB-Minor	PCC Foundation	Village Road			92.814		84.236	86.456						191
572	Ahmedabad	8N	39,950.000	84B	1 x 4.0m x 3.7m	4	2		RCC Box	RUB-Minor	PCC Foundation	Village Road			94.335		83.984	83.984						192
573	Ahmedabad	8N	40,155.000	84C	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	M.D. Road			95.135		85.308	85.308						193
574	Ahmedabad	8N	40,440.000	85	1 x 4.0m x 3.7m	4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	>100		96.246	85.166	85.166	85.166			85.333			199
575	Ahmedabad	8N	40,555.000	86	1 x 24.4m	26.21	2	-	Post Tensioned Box Girder	RFO	Pile Foundation	Indian Railway Tracks	61		96.694	86.710	85.084	86.71	30^0					14
576	Ahmedabad	8N	40,700.000	87	1 x 4.0m x 3.7m	4	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla + Cart Track	-		96.312	84.074	84.074	84.074			85.350			200
577	Ahmedabad	8N	40,800.000	88	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla			95.912	84.279	84.279	84.279			85.009			201
578	Ahmedabad	8N	41,200.000	89	1 x 4.0m x 3.7m	4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	-		94.312	84.252	84.252	84.252			84.852			202
579	Ahmedabad	8N	41,525.000	89A	1 x 4.0m x 3.7m	4	2		RCC Box	RUB-Minor	PCC Foundation	Village Road			93.012		82.975	82.975						194
580	Ahmedabad	8N	41,800.000	90	1 x 4.0m x 4.0m	4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla			91.912	83.005	83.005	83.005			83.405			203
581	Ahmedabad	8N	42,000.000	91	1 x 5.5m x 4.6m	5.5	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	-		91.112	84.216	84.216	84.216			84.766			204
582	Ahmedabad	8N	42,050.0	92	1 x 2.0m x 2.0m	2	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla			90.912	84.166	84.290	84.290			85.350			205
583	Ahmedabad	8N	42,640.0	92A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	10.086		88.532	85.364	85.864	83.302						195
584	Ahmedabad	8N	42,737.0	93	2 x 3.0m x 3.0m	6	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.938		88.164	84.165	84.165	84.165			85.145			[illegible]
585	Ahmedabad	8N	43,038.0	94	1 x 3.0m x 2.0m	3	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.518		88.508	85.708	85.695	84.03			85.743			207
586	Ahmedabad	8N	43,148.0	95	1 x 1.2m x 1.2m	1.2	2	Pipe	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.978		88.728	85.879	85.879	85.643			85.893			[illegible]
587	Ahmedabad	8N	43,260.0	95A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			88.952		84.897							[illegible]
588	Ahmedabad	8N	43,482.0	96	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.13		89.396	85.840	85.931	85.39			86.000			209
589	Ahmedabad	8N	43,715.0	96A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road	6.817		89.477	88.579	88.580	84.177						196
590	Ahmedabad	8N	43,745.0	97	1 x 2.0m x 1.2m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	5.799		89.471	87.723	87.721	87.721			87.900			210
591	Ahmedabad	8N	44,268.0	98	1 x 2.0m x 1.2m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.999		89.366	88.201	88.167	87.916			88.522			211
592	Ahmedabad	8N	44,752.0	100	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	8.007		89.745	88.293	88.293	87.504			88.004			212

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
593	Ahmedabad	8N	45,400.0	101	1 x 1.2m x 1.2m	1.2	2		RCC Box	Minor Bridge	PCC Foundation	Small Nalla	47.86		90.424	88.336	88.336	87.369			87.819			213
594	Ahmedabad	8N	45,460.0	101A	2 x 4.5m x 4.5m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Village Road	48.702		90.574	87.900	87.900	85.324						197
595	Ahmedabad	8N	46,100.0	102	6 x 18.3m	118.8	2	PSC Girder bridge	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Khari River	39.688		91.474	80.695	87.412				87.313	6 x 18.3m clearance is not enough, F.L should be raised; DFC 3 tracks, substructure for 3 tracks but superstructure for 2 tracks.		75
596	Ahmedabad	8N	46,740.0	103	1 x 4.0m x 3.0m	4	2	1x3.66 slab	RCC Box	Minor Bridge	PCC Foundation	Nalla			91.294	88.235	88.235	87.785			88.400			214
597	Ahmedabad	8N	47,710.0	105	2 x 9.15m	20.6	2	Arch Subway	PSC Voided Slab	RUB-Major	Raft Foundation	City Road	10.47		91.359	89.350	84.500	84.500						26
598	Ahmedabad	8N	48,180.0	105A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			91.970		94.696							9
599	Ahmedabad	8N	48,480.0	105B	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			92.360		92.230							10
600	Ahmedabad	8N	48,720.0	107	2 x 9.15m x 5.5m	18.3	2	Rivt P.G bridge	RCC Box	RUB-Major	PCC Foundation	City Road	24.79		92.604	91.725	91.725	86.204				106& 107 combined, RUB is depressed.		27
601	Ahmedabad	8N	49,420.0	108	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	6.429		92.324	92.300	92.300	91.343			91.547			215
602	Ahmedabad	8N	49,780.0	109	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	6.032		92.180	91.474	90.950	90.600			90.850			216
603	Ahmedabad	8N	51,170.0	111	3 x 12.2m	40.275	2	Rvtd Plate girder Bridge	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Nalla	15.068		93.632	88.500	90.574	88.750			90.764	3 x 12.2m including bridge for connecting line, 2 lines + 1 line on opposite side		76
604	Ahmedabad	8N	51,750.0	112	5 x 6.1m	35.375	2	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Nalla	14.95		93.892	89.623	90.872				91.766	5 x 6.1m including bridge for connecting line, 2 lines + 1 line on opposite side		77
605	Ahmedabad	8N	53,020.0	113	5 x 6.1m	35.375	2	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Nalla	14.98		95.069	91.353	91.353	91.657			93.130	5 x 6.1m interfere existing bridge		78
606	Ahmedabad	8N	53,800.0	114	5 x 12.2m	67.125	2	RSS bridge	Prestressed Contiguous Box	Major Bridge	Pile Foundation	River	14.944		96.293	89.930	90.271				93.060			79
607	Ahmedabad	8N	54,335.0	116	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	14.962		95.968	94.635	93.904	90.918						198
608	Ahmedabad	8N	54,680.0	117	2 x 6.1m x 5.5m	12.2	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain + cart track	15.047		95.895	90.940	92.458	89.645			92.770			217
609	Ahmedabad	8N	55,700.0	118	4 x 12.2m	53.7	4	Steel Girder Bridge	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Khari River	15.003		96.678	88.800	91.901				93.434			80
610	Ahmedabad	8N	56,700.0	119	1 x 1.2m x 1.2m	1.2	5	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	15.563		97.444	94.003	94.003	94.003			94.500			218
611	Ahmedabad	8N	57,090.0	120	2 x 4.5m x 4.6m	9	5	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	M.D. Road	15.78		97.769	95.330	95.326	92.799	35°					199
612	Ahmedabad	8N	57,290.0	121	3 x 6.1m	21.225	5	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Nalla	19.423		97.936	91.968	92.197	91.9			93.100			81
613	Ahmedabad	8N	58,680.0	123	3 x 2.0m x 2.0m	6	5	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	25.38		99.094	94.774	94.774	94.27	30°		96.500			219
614	Ahmedabad	8N	59,240.0	124	1 x 6.1m	7.075	2	1x6.10	PSC Solid Slab	Minor Bridge	Raft Foundation	Nalla	9.04		99.560	97.915	97.915	96.2			98.400			220
615	Ahmedabad	8N	59,500.0	124A	1 x 12.2 m	13.425	2		Prestressed Contiguous Box	Major Bridge	Pile Foundation	Pond			99.822		99.380	99.38						106
616	Ahmedabad	8N	59,710.0	125	5 x 6.1m	35.375	2	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Nalla	10.17		99.877	95.010	94.999	94.31			97.490			
617	Ahmedabad	8N	59,923.0	126	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.518		99.877	97.511	97.579	97.061			97.750			
618	Ahmedabad	8N	60,213.0	127	2 x 6.1m x 3.0m	12.2	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	15.14		99.877	97.100	97.010	96.878			97.500			222
619	Ahmedabad	8N	60,320.0	128	7 x 6.1m	49.525	2	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Pushapavati River	15.079		99.877	96.200	97.824	96.2			97.706			83
620	Ahmedabad	8N	62,595.0	129	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Cart Track	10.025		104.605	103.821	102.224	98.86	18°					200
621	Ahmedabad	8N	63,280.0	130	3 x 24.4m	78.63	2	RS girder slab	Post Tensioned Box Girder	Major Bridge	Pile Foundation	River	14.856		106.187	91.260	102.162	91.26			101.288			84
622	Ahmedabad	8N	64,925.0	131	2 x 2.0m x 2.0m	4	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.74		106.771	103.888	103.994	103.438			105.020			223
623	Ahmedabad	8N	65,100.0	131A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			107.051		105.611							12
624	Ahmedabad	8N	65,270.0	132	2 x 4.5m x 4.5m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	State Highway	10.86		107.323	106.016	106.016	100.050	25°					201

MAHESANA JUNCTION STATION

DFCC NEW DELHI

NK CONSORTIUM NJPL

Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
625	Ahmedabad	8N	65,390.0	133	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.967		107.515	105.568	105.568	105.12			105.975			224
626	Ahmedabad	8N	65,610.0	134	2 x 2.0m x 2.0m	4	2	Arch /Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	11.101		107.885	106.225	106.134	106.273			106.723			225
627	Ahmedabad	8N	65,828.0	135	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	11.125		108.365	105.335	105.335	104.809			105.530			226
628	Ahmedabad	8N	66,355.0	136	1 x 6.1m	7.075	2	PSC Slab	PSC Solid Slab	Minor Bridge	Raft Foundation	Drain	11.42		109.524	106.880	107.050	106.351			107.557			227
629	Ahmedabad	8N	66,600.0	137	4 x 6.1m	28.3	2	Slab drain	PSC Solid Slab	Major Bridge	Raft Foundation	Nalla	14.99		109.887	104.920	105.329	104.92			106.660			85
630	Ahmedabad	8N	67,370.0	138	1 x 6.1m	7.075	2	PSC Slab	PSC Solid Slab	Minor Bridge	Raft Foundation	Drain	11.05		109.887	107.990	108.019	107.29			108.387			228
631	Ahmedabad	8N	67,870.0	139	1 x 3.0m x 2.0m	3	2	Arch/slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	11.107		110.790	109.010	109.011	108.05			109.500			229
632	Ahmedabad	8N	67,875.0	139A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road			110.800		109.040							202
633	Ahmedabad	8N	68,745.0	140	3 x 2.0m x 2.0m	6	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla / Water Pipe	12.58		112.113	110.208	109.227	109.622			110.572			230
634	Ahmedabad	8N	69,380.0	141	1 x 3.15m x 4.5m + 5 x 6.1m x 4.5m	33.65	2	Arch Bridge	RCC Box	Major Bridge	PCC Foundation	Drain	0.105		113.921	109.686	112.917	109.686			112.047			86
635	Ahmedabad	8N	70,520.0	142	2 x 5.5m x 4.6m	11	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	0.304		115.175	112.917	114.184	109.37			112.061			203
636	Ahmedabad	8N	70,860.0	143	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			115.719		115.207							204
637	Ahmedabad	8N	70,880.0	144	4 x 3.5m x 3.0m	14	2	Arch bridge	RCC Box	RUB-Minor	PCC Foundation	Cart Track	0.152		115.751		105.307	112.84			114.597			205
638	Ahmedabad	8N	71,350.0	145	1 x 6.1m	7.075	2	Slab drain	PSC Solid Slab	Minor Bridge	Raft Foundation	Nalla & Road	0.05		116.503	115.307	116.047	113.18			116.150			231
639	Ahmedabad	8N	71,365.0	145A	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			116.527	116.108	116.099							206
640	Ahmedabad	8N	72,170.0	145B	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	M.D. Road			117.783		112.733	112.733						207
641	Ahmedabad	8N	72,190.0	146	5 x 2.0m x 2.0m	10	2	Arch Bridge	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.97		117.847		115.103	114.742			116.560			232
642	Ahmedabad	8N	72,755.0	147	3 x 3.0m x 2.0m	9	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.89		118.751	115.103	117.407	115.098			117.298			233
643	Ahmedabad	8N	73,705.0	148	3 x 2.0m x 2.0m	6	2	PSC Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.01		120.577	117.240	117.327	116.722			118.823			234
644	Ahmedabad	8N	73,715.0	148A	2 x 4.5m x 3.7m	9	2		RCC Box	RUB-Minor	PCC Foundation	Cart Track	10		120.597	116.901	118.666	116.853						208
645	Ahmedabad	8N	74,022.0	149	1 x 3.0m x 2.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	9.84		121.090		118.836	118.38			119.399			235
646	Ahmedabad	8N	74,525.0	150	3 x 2.0m x 2.0m	6	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.907		121.895	118.835	118.580	118.580			119.500			236
647	Ahmedabad	8N	75,120.0	151	3 x 2.0m x 2.0m	6	2	PSC Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.17		122.847	117.989	120.426	120.426			121.320			237
648	Ahmedabad	8N	75,618.0	152	1 x 3.0m x 2.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.02		123.644	120.426	121.005	121.005			122.519			238
649	Ahmedabad	8N	76,055.0	153	3 x 2.0m x 2.0m	6	2	PSC Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.9		124.343	121.004	122.522	122.1			123.420			239
650	Ahmedabad	8N	76,830.0	154	5 x 3.0m x 3.0m	15	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain			125.583	122.150	123.230	121.64			124.190			240
651	Ahmedabad	8N	77,200.0	154A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type	18.231		126.175		124.125							14
652	Ahmedabad	8N	77,770.0	154B	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			127.087	123.230	124.927	121.8						209
653	Ahmedabad	8N	78,008.0	155	1 x 3.0m x 2.0m	3	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Pond	9.98		127.468		125.368	125.09			125.800			241
654	Ahmedabad	8N	78,185.0	156	1 x 3.0m x 2.0m	3	2	Arch cum Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.99		127.569	125.367	126.184	125			126.200			242
655	Ahmedabad	8N	78,490.0	157	1 x 3.0m x 2.0m	3	2	Arch cum Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.06		127.722	126.184	126.068	125.2			126.950			[illegible]
656	Ahmedabad	8N	78,895.0	158	1 x 3.0m x 2.0m	3	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.939		127.924	126.067	126.432	125.4			126.455			[illegible]
657	Ahmedabad	8N	78,920.0	158A	1 x 5.5m x 4.6m	5.5	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			127.937	126.432	127.045	122.7			[illegible]			[illegible]
658	Ahmedabad	8N	79,408.0	159	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.1		128.181		126.961	125.13			126.450			[illegible]
659	Ahmedabad	8N	79,876.0	160	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	9.99		127.951	126.961	126.463	126.066			126.350			246
660	Ahmedabad	8N	80,590.0	162	3 x 3.0m x 3.0m	9	2	Arch drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.06		126.375	125.725	122.382	121.85			122.800			247
661	Ahmedabad	8N	82,100.0	163	18 x 19.0m (Non Standard) (Pier Center to Pier Center) #	342	2	Steel girder Bridge	Post Tensioned Box Girder	Important Bridge	Pile Foundation	Saraswati River	15.03		130.731	122.043	122.132			985	126.157			3
662	Ahmedabad	8N	82,558.0	164	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	15.09		130.731	124.500	125.686	125.27			125.882			248
663	Ahmedabad	8N	82,802.0	165	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	9.88		131.428	125.550	129.242	128.749			128.900			249

DFCC NEW DELHI

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Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
664	Ahmedabad	8N	83,120.0	166	2 x 2.0m x 2.0m	4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.67		132.795	129.242	131.011	130.5			131.000			250
665	Ahmedabad	8N	83,500.0	166A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			133.493	131.011	131.777	130.262				Pedestrian subway are depressed		15
666	Ahmedabad	8N	84,065.0	167	2 x 5.5m x 4.6m	11	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	5.98		133.025		131.864	128.15						211
667	Ahmedabad	8N	84,635.0	169	3 x 3.66m x 4.0m	10.98	2	Arch drain	RCC Box	Minor Bridge	PCC Foundation	Drain	6.104		133.025	132.675	130.158	129.040			129.540			251
668	Ahmedabad	8N	84,990.0	170	2 x 3.0m x 3.0m	6	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	7.405		134.048	130.158	131.683	130.86			132.050			252
669	Ahmedabad	8N	85,685.0	171	2 x 3.0m x 3.0m	6	2	PSC Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla	9.99		136.342	132.764	133.919	132.5			134.720			253
670	Ahmedabad	8N	85,800.0	171A	1 x 5.5m x 4.6m	5.5	2		RCC Box	RUB-Minor	PCC Foundation	Cart Track	10		136.721	135.34	136.173							212
671	Ahmedabad	8N	87,350.0	172	2 x 2.0m x 2.0m	4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.11		143.851		141.74	141.22			141.800			254
672	Ahmedabad	8N	88,040.0	173	2 x 3.0m x 2.0m	6	2	RCC Slab	RCC Box	Minor Bridge	PCC Foundation	Nalla / BDL	10.197		145.639	141.670	143.581	143.104			143.704			255
673	Ahmedabad	8N	89,100.0	173A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			146.439		144.450							16
674	Ahmedabad	8N	89,405.0	174	1 x 6.1m	7.075	2	Pipe drain	PSC Solid Slab	Minor Bridge	Raft Foundation	Drain	21.091		146.439	143.581	145.236	143.75			143.704			256
675	Ahmedabad	8N	89,950.0	175	2 x 4.0m x 3.0m	8	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla + Cart Track	11.83		146.439	145.143	143.743	143.29			144.620			257
676	Ahmedabad	8N	90,020.0	175A	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			146.439	143.740	145.731							213
677	Ahmedabad	8N	90,225.0	176	1 x 3.0m x 2.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.15		146.439		142.754	143.24			143.740			258
678	Ahmedabad	8N	90,615.0	177	2 x 2.0m x 2.0m	4	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.092		146.508	142.754	143.336	142.684	45°		144.084			259
679	Ahmedabad	8N	91,060.0	178	1 x 6.1m	7.075	2	Slab drain	PSC Solid Slab	Minor Bridge	Raft Foundation	Nalla	10.082		148.555	143.13	145.264	144.814			146.308			260
680	Ahmedabad	8N	91,560.0	178A	1 x 5.5m x 4.6m	5.5	2		RCC Box	RUB-Minor	PCC Foundation	Road	9.8		150.855	145.264	149.779							214
681	Ahmedabad	8N	91,676.0	179	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	9.81		151.389		149.147	148.705			148.990			261
682	Ahmedabad	8N	92,080.0	180	2 x 1.2m x 1.2m	2.4	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.008		153.247	149..657	150.954	150.45			148.701			262
683	Ahmedabad	8N	92,560.0	180A	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)	10		155.455	150.954	154.581	149.9						215
684	Ahmedabad	8N	92,787.0	181	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	10.07		156.499		154.920	154.14			155.200			263
685	Ahmedabad	8N	93,258.0	182	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.09		157.305	154.919	156.432	155.661			155.950			264
686	Ahmedabad	8N	93,780.0	183	2 x 4.0m x 3.7m	8	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla + Cart Track	9.96		158.131	156.432	152.791	151.34			152.970			265
687	Ahmedabad	8N	94,260.0	183A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Cart Track	10		160.147	152.791	159.546	155.000						216
688	Ahmedabad	8N	94,670.0	184	1 x 3.0m x 2.0m	3	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	10.133		161.869		158.805	158.3			159.404			266
689	Ahmedabad	8N	95,000.0	185	3 x 12.2m	40.275	2	Steel girder Bridge	Prestressed Contiguous Box	Major Bridge	Pile Foundation	River	14.988		162.415	154.500	156.391				158.336			87
690	Ahmedabad	8N	95,490.0	186	1 x 3.0m x 2.0m	3	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.32		163.522	156.390	161.825	161.18			161.900			267
691	Ahmedabad	8N	95,845.0	187	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.37		164.480	161.825	161.508	161.09			162.100			268
692	Ahmedabad	8N	96,310.0	189	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	3.84		167.316	167.056	167.108	165.85			166.500			269
693	Ahmedabad	8N	96,800.0	189A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			168.683		167.713							
694	Ahmedabad	8N	97,005.0	190	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	1.204		169.667	167.103	168.235	167.85			168.350			270
695	Ahmedabad	8N	97,375.0	191	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	7.52		171.437	168.120	167.522	167.02			167.690			271
696	Ahmedabad	8N	98,010.0	191A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Cart Track	8		173.979	167.265	171.486							217
697	Ahmedabad	8N	98,095.0	192	1 x 3.0m x 3.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.13		174.319		170.809	170.28			170.990			272
698	Ahmedabad	8N	98,760.0	193	1 x 3.0m x 3.0m	3	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	13.93		177.347		175.164	173.8			175.440			273
699	Ahmedabad	8N	100,885.0	194	1 x 3.0m x 2.0m	3	5	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	14.02		184.512	175.164	183.928	182.05			183.000			274
700	Ahmedabad	8N	101,180.0	194A	1 x 5.5m x 4.6m	5.5	4		RCC Box	RUB-Minor	PCC Foundation	Cart Track	14.02		185.249	183.928	186.464						MALOSANA CROSSING STATION	218
701	Ahmedabad	8N	101,390.0	195	1 x 3.0m x 3.0m	3	4	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Drain	14.04		185.774		184.340	182.2			183.700			275

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
702	Ahmedabad	8N	101,830.0	196	1 x 3.0m x 2.5m	3	3	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.989		186.874	184.340	185.874	183.874			186.436		NG	276
703	Ahmedabad	8N	102,045.0	197	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.67		187.600	185.873	188.394	186.02			186.436			277
704	Ahmedabad	8N	102,250.0	198	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.28		188.396	188.393	187.308	186.858			187.372			278
705	Ahmedabad	8N	102,753.0	199	1 x 3.0m x 3.0m	3	2	Slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	15.912		186.233	187.308	179.365	178.55			182.805			279
706	Ahmedabad	8N	103,000.0	199A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	13.4		186.251	179.365	183.447	181.05						219
707	Ahmedabad	8N	103,650.0	200	14 x 18.3m	277.2	2	Steel girder Bridge	Post Tensioned Box Girder	Important Bridge	Pile Foundation	Umardasi River	26.61.		186.931	174.800	180.450			671	178.843			4
708	Ahmedabad	8N	104,410.0	200A	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			189.277	179.810	179.810							220
709	Ahmedabad	8N	104,600.0	200B	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			190.151		186.898							18
710	Ahmedabad	8N	104,925.0	201	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Nalla	20.18		191.695	184.539	184.702	184.263			185.863			280
711	Ahmedabad	8N	106,362.0	202	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	14.97		198.665	191.865	191.987	191.44			193.896			281
712	Ahmedabad	8N	106,715.0	202A	2 x 4.5m x 4.6m	9	2		RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			200.430		196.868							221
713	Ahmedabad	8N	106,900.0	203	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	14.99		201.355	196.264	196.224	195.774			197.293			282
714	Ahmedabad	8N	107,365.0	204	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	15.153		203.680	197.789	197.789	197.345			200.249			283
715	Ahmedabad	8N	107,638.0	206	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	15.311		204.974	200.929	200.935	200.43			202.107			284
716	Ahmedabad	8N	108,015.0	207	1 x 3.0m x 2.0m	3	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	13.31		206.858	204.308	204.308	203.6			205.090			285
717	Ahmedabad	8N	108,350.0	208	1 x 1.2m x 1.2m	1.2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	11.696		208.533	207.390	207.390	206.894			207.334			286
718	Ahmedabad	8N	109,308.0	209	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.866		212.283	211.440	211.440	210.7			211.000			287
719	Ahmedabad	8N	109,575.0	210	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.92		212.283	211.020	211.021	210.55			210.704			288
720	Ahmedabad	8N	110,022.0	211	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.875		212.039	210.002	210.002	209.54			210.580			289
721	Ahmedabad	8N	110,105.0	211A	1 x 5.5m x 4.6m	5.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road (B.T. Road)			211.948		211.098							222
722	Ahmedabad	8N	110,348.0	212	1 x 1.2m x 1.2m	1.2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.96		211.680	208.559	208.559	208.06			209.893			290
723	Ahmedabad	8N	110,655.0	213	1 x 2.0m x 2.0m	2	2	Arch cum slab drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.012		212.044	208.049	208.050	207.56			208.872			291
724	Ahmedabad	8N	111,192.0	214	1 x 2.0m x 2.0m	2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	9.951		214.729	213.255	213.255	212.14			213.007			292
725	Ahmedabad	8N	111,548.0	215	1 x 1.2m x 1.2m	1.2	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	10.238		216.509	216.376	216.376	215.058			215.500			293
726	Ahmedabad	8N	112,322.0	216	1 x 3.0m x 2.0m	3	2	Pipe drain	RCC Box	Minor Bridge	PCC Foundation	Small Nalla	7.416		216.417	215.702	215.503	213.800			214.102			294
727	Ahmedabad	8N	112570	-	For Twin ROB's ROB-1 (1 x 15.0m + 1 x 34.10 + 1x 24.710m),# ROB-2 (1 x 15.0m)+ Raising of (1 x 34.10 + 1x24.710m) #	88.81	2	-	PSC I-Girder	ROB	PCC Foundation	Road			**216.369**		**216.766**	**220.434**			-			3
728	Ahmedabad	8N	112,996.0	216A	1 x 6.0m x 2.5m	6	2		RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type			216.282		217.037							19
729	Ahmedabad	8N	114,645.0	218	3 x 6.1m x 3.0m	18.3	2	Slab drain	RCC Box	Major Bridge	PCC Foundation	Nalla	14.13		217.587	209.872	209.068	208.41			211.056			88
730	Ahmedabad	8N	115,415.0	220	1 x 18.3m	19.8	2	Steel girder bridge	Post Tensioned Box Girder	Major Bridge	Pile Foundation	Umardasi River	14.03		221.052	212.754	212.754	211.867			214.040		for 1 Line + Line separately	[illegible]
731	Ahmedabad	8N	1190	111 C	3 x 12.2m	40.275	2	SLAB	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Drain			97.755		87.259							
732	Ahmedabad	8N	1770	112 C	5 x 6.1m	35.375	2		PSC Solid Slab	RUB-Major	Raft Foundation	BT Road			98.365		89.346							
733	Ahmedabad	8N (Mehsana Connecting Line)	2630	MCL - 1	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Road			102.010		91.721	91.721						223
734	Ahmedabad	8N (Mehsana Connecting Line)	3100	MCL - 2	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	RCC Road			104.360		92.697	92.697						224
735	Ahmedabad	8N (Mehsana Connecting Line)	3380	MCL - 3	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			105.600		92.024	92.024						225
736	Ahmedabad	8N (Mehsana Connecting Line)	3920	MCL - 4	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			107.220		92.752	92.752						226

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			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
737	Ahmedabad	8N (Mehsana Connecting Line)	4250	MCL - 5	2 x 18.3 m	39.6	1		PSC Box Girder	RFO	Pile Foundation	DFC & I.R Tracks		94.754	107.985		94.754	94.754						15
738	Ahmedabad	8N (Mehsana Connecting Line)	4450	MCL - 6	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track			107.730		92.144	92.144						227
739	Ahmedabad	8N (Mehsana Connecting Line)	5150	MCL - 7	1 x 6.1m x 4.6m	6	1		RCC Box	RUB-Minor	PCC Foundation	District Road			105.350		91.734	91.734						228
740	Ahmedabad	9 (Palanpur Connecting Line)	33	1AB-PCL	1 x 5.5m x 3.7m	5.5	2		RCC Box	RUB-Minor	PCC Foundation				186.242		186.077							
741	Ahmedabad	9 (Palanpur Connecting Line)	162.000	1-PCL	1 x 1.2m x 1.2m	1.2	2	Arch Bridge	RCC BOX	Minor Bridge	PCC Foundation	Drain			186.564	184.970	184.970	184.970			185.900			295
742	Ahmedabad	9 (Palanpur Connecting Line)	360	1A-PCL	2 x 4.5m x 4.6m	9	2		RCC BOX	RUB-Minor	PCC Foundation	Road			187.059		186.189	181.859						312
743	Ahmedabad	9 (Palanpur Connecting Line)	1166.00	2-PCL	2 x 1.2m x 1.2m	2.4	4	Arch Bridge	RCC BOX	Minor Bridge	PCC Foundation	Drain			189.074	184.027	184.027	184.027			184.800			296
744	Ahmedabad	9 (Palanpur Connecting Line)	1360.00	3-PCL	1 x 5.5m x 3.7m	5.5	2		RCC BOX	RUB-Minor	PCC Foundation	Village Road			191.672	193.923	193.923	187.472						229
745	Ahmedabad	9 (Palanpur Connecting Line)	2349.00	4-PCL	3 x 24.4m + 2 x 12.2m	105.48	2.000		PSC Girder	ROB in Future	Pile Foundation	Road			192.032	192.599	192.599	192.599				ROB in Future		
746	Ahmedabad	9 (Palanpur Connecting Line)	2405.00	5-PCL	1 x 2.5m x 2.0m	2.5	2	RCC Slab	RCC BOX	Minor Bridge	PCC Foundation	Drain			192.174	191.995	191.995	190.000			192.000			297
747	Ahmedabad	9 (Palanpur Connecting Line)	3588.00	6-PCL	2 x 24.4m + 2 x 30.5m	119.62	2.000		PSC Girder	ROB in Future	Pile Foundation	Road			198.049	201.659	201.659	201.659				ROB in Future		
748	Ahmedabad	9 (Palanpur Connecting Line)	3911.00	7-PCL	1 x 1.2m x 1.2m	1.2	2	RCC Pipe	RCC BOX	Minor Bridge	PCC Foundation	Drain			199.664	201.087	201.087	198.160						298
749	Ahmedabad	9 (Palanpur Connecting Line)	4318.00	8-PCL	1 x 12.2m + 2 x 30.5m	80.625	2		PSC Girder	ROB in Future	Pile Foundation	Village Road			201.699	203.324	203.324	198.16				ROB in Future		
750	Ahmedabad	9 (Palanpur Connecting Line)	4638	9-PCL	1 x 1.2m x 1.2m	1.2	2	RCC Pipe	RCC BOX	Minor Bridge	PCC Foundation	Drain			203.299	202.020	202.290	201.799			203.190			299
751	Ahmedabad	9 (Palanpur Connecting Line)	5000	9A-PCL	1 x 5.5m x 3.7m	5.5	2		RCC BOX	RUB-Minor	PCC Foundation				205.109		204.645							
752	Ahmedabad	9 (Palanpur Connecting Line)	5182	10-PCL	1 x 1.2m x 1.2m	1.2	2	RCC Pipe	RCC BOX	Minor Bridge	PCC Foundation	Drain			206.019	202.468	202.468	202.468			202.990			300
753	Ahmedabad	9 (Palanpur Connecting Line)	6305	11-PCL	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			210.522	205.354	205.354	205.850						230
754	Ahmedabad	9 (Palanpur Connecting Line)	6490	12-PCL	1 x 12.2m + 1 x 20m + 1 x 12.2m#	47	2		PSC I-Girder	ROB	Pile Foundation	road (NH-14)			211.447	209.964	209.964	223.000						4
755	Ahmedabad	9 (Palanpur Connecting Line)	7182	13-PCL	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			214.347	212.283	212.283	212.283	15°					231
756	Ahmedabad	9 (Palanpur Connecting Line)	7700	14-PCL	1 x 6.1m x 4.6m	6.1	2		RCC BOX	RUB-Minor	PCC Foundation	Road			216.937	216.782	216.782	216.782	20°					232
757	Ahmedabad	9 (Palanpur Connecting Line)	8214	15-PCL	1 x 2.0m x 2.0m	2	2		RCC BOX	Minor Bridge	PCC Foundation	Drain			218.051	215.789	215.789	215.789			217.350			301
758	Ahmedabad	9 (Palanpur Connecting Line)	9030	16-PCL	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			220.887	218.270	218.400	218.270	30°					233
759	Ahmedabad	9 (Palanpur Connecting Line)	9240	17-PCL	1 x 9.15m x 4.6m	9.1	2		RCC BOX	RUB-Minor	PCC Foundation	Road			221.937	219.387	219.387	219.387	30°					234
760	Ahmedabad	9 (Palanpur Connecting Line)	9788	18-PCL	1 x 2.0m x 2.0m	2	2		RCC BOX	Minor Bridge	PCC Foundation	Drain			224.677	218.612	218.612	218.612			219.900			302
761	Ahmedabad	9 (Palanpur Connecting Line)	10075	19-PCL	1 x 5.5m x 4.6m	5.5	2		RCC BOX	RUB-Minor	PCC Foundation	Road			226.112	219.251	219.251	219.750						235
762	Ahmedabad	9 (Palanpur Connecting Line)	10510	20-PCL	1 x 5.5m x 4.6m	5.5	2		RCC BOX	RUB-Minor	PCC Foundation	Road			228.287	218.345	218.345	218.840						236
763	Ahmedabad	9 (Palanpur Connecting Line)	11165	21-PCL	1 x 9.15m x 4.6m	9.15	2		RCC BOX	RUB-Minor	PCC Foundation	Road			231.562	220.192	220.192	220.692	15°					237
764	Ahmedabad	9 (Palanpur Connecting Line)	11500	22-PCL	2 x 21m	46	2		PSC Girder	RUB-Major	Pile Foundation	Road			233.237	220.282	220.282	220.282	5°					[illegible]
765	Ahmedabad	9 (Palanpur Connecting Line)	11750	23-PCL	1 x 1.2m x 1.2m	1.2	2		RCC BOX	Minor Bridge	PCC Foundation	Drain			234.127	217.949	217.949	217.949			218.750			[illegible]
766	Ahmedabad	9 (Palanpur Connecting Line)	11780	24-PCL	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			234.229	218.181	218.181	218.681	20°					[illegible]
767	Ahmedabad	9 (Palanpur Connecting Line)	12050	25-PCL	2 x 18.3m	39.6	2		PSC Box Girder	RFO	Pile Foundation	I.R Tracks			234.977	223.537	223.537	223.537	50°					[illegible]
768	Ahmedabad	9 (Palanpur Connecting Line)	13184	27-PCL	2 x 2.0m x 2.0m	4	2		RCC BOX	Minor Bridge	PCC Foundation	Drain			231.426	227.240	227.240	227.240			228.000			304
769	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	1600	GSN-2	1 x 5.5m x 3.7m	5.5	1	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	6		41.665	40.139	40.139	37.415						239
770	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	2129	GSN-3	1 x 6.1m	7.075	1	Girder	PSC Solid Slab	Minor Bridge	Open Foundation	Drain	6	43.657	43.657	41.412	41.412	40.412						305

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Sr. No.	CPM	Sec. No.	CHAINAGE	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	HFL / FSL	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					IR	DFC									
771	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	2626.09	GSN-4	1 x 5.5m x 3.7m	5.5	1	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Cart Track	6	41.781	41.781	41.302	41.302	37.531						240
772	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	2666	GSN-5	2 x 6.1m	14.15	1	PSC Slab	PSC Solid Slab	Minor Bridge	Open Foundation	Drain	6	41.799	41.793	40.037	40.037	39.775						306
773	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	2971.65	GSN-6	2 x 6.1m	14.15	1		PSC Solid Slab	Minor Bridge	Open Foundation	Drain	6	41.885	41.885	40.802	40.802	40.802						307
774	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	3121.57	GSN-7	1 x 5.5m x 3.7m	5.5	1		RCC Box	RUB-Minor	PCC Foundation	Cart Track	6	41.965	41.965	41.424	41.424	37.715	25°					241
775	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	3807	GSN-8	1 x 4.0m x 3.7m	4	1		RCC Box	RUB-Minor	PCC Foundation	Road			44.296	40.361	40.361	40.046						242
776	Ahmedabad	6 (Goreguma-Sabarmati North Connected Line)	4392.47	GSN-9	1 x 6.1m	7.075	1		PSC Solid Slab	RUB-Minor	Open Foundation	Metalled Road			45.872	40.753	40.753	41.253						243
777	Ahmedabad	6- (Sanand-Sabarmati North Connecting Line)	750	SSN-1	1 x 4.0m x 3.7m	4	1		RCC BOX	RUB-Minor	PCC Foundation	Road			44.001	39.232	39.232	39.232						244
778	Ahmedabad	6- (Sanand-Sabarmati North Connecting Line)	1280	SSN-2	1 x 6.1m	7.075	1		PSC Solid Slab	RUB-Minor	Open Foundation	Metalled Road			45.803	42.476	42.476	42.976				It is a common Minor bridge with GSN-8 connecting line		245
779	Ahmedabad	6 - (Sabarmati South-Sanand Connecting Line)	1660	SSS-1	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			45.021	40.902	40.902	40.771				it is a common Minor bridge for Sabarmati South - Sanad & Sabarmati South - Goraguma connecting line - (with SSG-1)		246
780	Ahmedabad	6 - (Sabarmati South-Sanand Connecting Line)	1955	SSS-2	1 x 18.3m + 1 x 9.15m + 1 x 18.3m	49.9	2		PSC Box Girder + PSC Voided Slab	RUB-Major	Pile Foundation	State Highway + Godhavi Drain			44.12000537	38.533	38.533	36.000	10°					30
781	Ahmedabad	6 - (Sabarmati South-Sanand Connecting Line)	2220	SSS-4	1 x 4.0m x 3.7m	4	2		RCC BOX	RUB-Minor	PCC Foundation	Road			43.11700657	39.223	39.223	38.867						247
782	Ahmedabad	6 - (Sabarmati South-Sanand Connecting Line)	2610	SSS-5	1 x 2.0m x 2.0m	2	2		RCC BOX	Minor Bridge	PCC Foundation	drain			41.791	40.209	40.209	39.441						308
783	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	1660	SSG 1	1 x 4.0m x 3.7m	4	1		RCC BOX	RUB-Minor	PCC Foundation	Road			45.204	40.902	40.902	40.902					it is a common Minor bridge with SSS-1)	248
784	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	1940	SSG 2	1 x 18.3m + 1 x 9.15m + 1 x 18.3m	49.9	1		PSC Box Girder + PSC Voided Slab	RUB-Major	Pile Foundation	State Highway + Godhavi Drain			44.39	39.881	39.590	36.000						31
785	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	2220	SSG 4	1 x 4.0m x 3.7m	4	1		RCC BOX	RUB-Minor	PCC Foundation	Road			43.438	38.827	38.827	38.827						249
786	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	2875	SSG 5	1 x 5.5m x 3.7m	5.5	1	Proposed RCC Box	RCC BOX	RUB-Minor	PCC Foundation	Road	6		41.976	41.691	41.976	41.691	30°					250
787	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	3029	SSG 6	2 x 6.1m	14.15	1	PSC Solid Slab	PSC Solid Slab	Minor Bridge	Open Foundation	DRAIN	6	41.884	41.884	41.292	41.292	39.750						309
788	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	3359	SSG 7	2 x 6.1m	14.15	1	PSC Solid Slab	PSC Solid Slab	Minor Bridge	Open Foundation	DRAIN	6	41.785	41.785	41.441	41.441	39.841						310
789	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	3375	SSG 8	1 x 5.5m x 3.7m	5.5	1		RCC BOX	RUB-Minor	PCC Foundation	Road	6		41.781	41.694	41.694	37.531						251

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Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
790	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	3875	SSG 9	1 x 6.1m	7.075	1	Girder	PSC Solid Slab	Minor Bridge	Open Foundation	DRAIN	6	43.673	43.673	41.924	41.924	41.924						311
791	Ahmedabad	6 - (Sabarmati South-Goraghuma Connecting Line)	4404	SSG 10	1 x 5.5m x 3.7m	5.5	1		RCC BOX	RUB-Minor	PCC Foundation	Road	6		41.649	41.101	41.101	37.399						252
792	Ajmer	9	8,938.0	866B	2 x 5.0m x 4.1m	10	1	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	12.524	224.19	224.367		224.559							253
793	Ajmer	9	780.0	866A	2 x 5.0m x 4.1m	10	3	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	-	224.19	224.367		224.559	219.667						254
794	Ajmer	9	9,773.0	866	2 x 1.2m x 1.2m	2.4	4	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	9.741	229.558	228.542	228.34	228.283	228.34			-			312
795	Ajmer	9	10,468.0	865A	1 x 4.5m x 4.1m	4.5	4	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	26.281	233.813	231.947		233.667							255
796	Ajmer	9	10,583.0	865	1 x 1.2m x 1.2m	1.2	5	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	27.508	234.154	232.488	231.73	231.704	231.73			-		PALANPUR JUNCTION STATION	313
797	Ajmer	9	11,290.0	864A	1 x 6.0m x 2.5m	6	6	-	RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway U-type	27.799	234.452	233.195		234.246							20
798	Ajmer	9	11,703.0	864	1 x 2.0m x 1.5m	2	6	RCC Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	27.872	233.391	233.239	231.828	231.934	231.828			-			314
799	Ajmer	9	12,033.0	863	1 x 1.2m x 1.2m	1.2	7	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	12.744	232.772	232.579	231.72	231.753	231.72			-			315
800	Ajmer	9	12,290.0	862A	1 x 4.5m x 4.1m	4.5	6	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	9.14	231.15	232.056		233.264							256
801	Ajmer	9	12,515.0	862	1 x 1.2m x 1.2m	1.2	6	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	9.057	231.448	231.615	230.922	230.724	230.922			-			316
802	Ajmer	9	13,598.0	861	1 x 3.1m x 2.5m	3.1	4	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	8.86	228.749	229.485	227.373	227.332	227.373			-			317
803	Ajmer	9	13,848.0	860A	2 x 4.5m x 4.1m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	8.849	228.914	229.485		228.97							257
804	Ajmer	9	14,783.0	860	2 x 3.5m x 2.0m	7	2	RCC Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	9.066	227.522	229.121	225.451	226.284	225.451			226.451			318
805	Ajmer	9	15,190.0	859	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	9.455	227.098	228.633	225.171	226.155	225.171			226.171			319
806	Ajmer	9	15,684.0	858	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	8.176	226.034	227.349	224.596	225.136	224.596			225.596			320
807	Ajmer	9	15,726.0	857	1 x 3.0m x 2.0m	3	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	8.194	225.85	227.223	224.471	224.848	225.471			224.471			321
808	Ajmer	9	15,928.0	856A	2 x 4.5m x 4.6m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	8.153	224.954	226.626		225.459							258
809	Ajmer	9	16,016.0	856	1 x 1.2m x 2.0m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	8.112	224.595	226.353	222.939	223.874	222.939			223.939			322
810	Ajmer	9	16,436.0	855	1 x 2.0m x 2.0m	2	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	12.885	224.855	225.921	222.966	223.863	222.966			223.966			323
811	Ajmer	9	16,638.0	851C	2 x 4.5m x 5.1m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	22.745	225.521	225.921		226.342							259
812	Ajmer	9	16,800.0	851B	2.5 (Wide)	15	2		New FOB	FOB	Open Foundation	Pedestrian			225.921		226.02							1
813	Ajmer	9	16,900.0	851A	1 x 6.0m x 2.5m	6	2	-	RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway Z-Type	21.807	225.564	225.921	226.458	226.089	226.458						21
814	Ajmer	9	17,619.0	850	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	23.137	223.833	223.205	221.98	223.094	221.98			222.610			324
815	Ajmer	9	17,803.0	849	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	19.724	222.768	222.469	221.202	221.532	221.202			221.832			325
816	Ajmer	9	18,072.0	848	2 x 12.2m	26.85	2	Plate Girder	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Drain	16.924	221.173	221.367	216.25	217.441	216.25			218.250			91
817	Ajmer	9	18,438.0	847A	1 x 4.5m x 4.1m	4.5	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road to NH-14	9.61	218.98	219.611		219.614							260
818	Ajmer	9	18,460.0	847	1 x 1.2m x 1.2m	1.2	2	RCC Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	9.46	218.88	219.505	217.9	218.954	217.9			218.759			6
819	Ajmer	9	18,600.0	846C	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	8.99	218.17	218.833		221.226	221.226				Rquirement for Reptiles as per CPM		1
820	Ajmer	9	18,800.0	846B	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	8.36	216.84	217.873		217.452	217.452				Rquirement for Reptiles as per CPM		2
821	Ajmer	9	19,000.0	846A	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	7.98	215.37	216.913		215.74	215.74				Rquirement for Reptiles as per CPM		3
822	Ajmer	9	19,151.0	846	1 x 1.5m x 2.5m	1.5	2	Arch	RCC Box	Minor Bridge	PCC Foundation	Drain	10.155	214.095	216.245	212.107	214.049	212.107			213.122			327
823	Ajmer	9	19,350.0	845A	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	14.855	213.1	215.449		210.33	210.33				Rquirement for Reptiles as per CPM		4
824	Ajmer	9	19,635.0	845	6 x 30.5m	201.6	2	Steel girder Bridge	Post Tensioned Box Girder	Important Bridge	Pile Foundation	Balram River	14.99	212.1	215.289	188.292	186.118	188.292			200.881			5

Sr. No.	CPM	Sec. No.	C H A I N A G E	Bridge No.	Clear Spans for Standard Span Bridges / Center to Center Span for ROBs / Dirt Wall to	Bridge Length (Dirt Wall to dirt wall, except for RCC Box) (m)	Nos. of Tracks (Proposed for DFC)	STRUCTURE CONFIGURATION		Type of Structure	Type of Foundation	Type of Crossing	Distance between IR and DFC	Formation Level		Ground Level (FLS)		Rail/Road/Cart Track/Subway Floor/Bed Level	Skew in Degree	Discharge	H F L / F S L	Remarks	Crossing Station / Yard Name	S.No.
			DFC	DFC	Proposed for DFC			Existing IR	DFC					I R	D F C									
825	Ajmer	9	19,800.0	844B	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	14.89	212.13	215.214		210.07	210.07				Rquirement for Reptiles as per CPM		5
826	Ajmer	9	20,000.0	844A	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	10.43	211.27	214.467		209.802	209.802				Rquirement for Reptiles as per CPM		6
827	Ajmer	9	20,196.0	844	1 x 3.0m x 5.0m	3	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	10.242	210.86	213.734	203.113	203.836	203.113			204.813			328
828	Ajmer	9	20,400.0	843E	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	10.49	211.92	212.972		211.105	211.105				Rquirement for Reptiles as per CPM		7
829	Ajmer	9	20,600.0	843D	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	9.91	213.22	213.725		216.894	216.894				Rquirement for Reptiles as per CPM		8
830	Ajmer	9	20,750.0	843C	1 x 0.30m	0.3	2		RCC Pipe	Track Crossing	PCC Foundation	For Reptiles	16.93	213.93	214.415		216.926	216.926				Rquirement for Reptiles as per CPM		9
831	Ajmer	9	21,220.0	843B	1 x 6.0m x 2.5m	6	2	-	RCC Box	Pedestrian Subway	PCC Foundation	Pedestrian Subway Z-Type	35.68	214.08	215.521	214.3	214.3	214.3						22
832	Ajmer	9	21,300.0	843A	2.5 (Wide)	15	2		New FOB	FOB	Open Foundation	Pedestrian			215.361		213.431							2
833	Ajmer	9	21,377.0	843	2 x 12.2m	26.85	2	Girder	Prestressed Contiguous Box	Major Bridge	Pile Foundation	Munjwala River	35.094	214.083	215.207	210.531	212.482	210.531			212.031			92
834	Ajmer	9	21,680.0	842	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	33.73	213.23	214.601	212.2	212.541	212.2			213.000			329
835	Ajmer	9	22,275.0	841	1 x 2.0m x 3.0m	2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	12.325	210.093	212.261	207.073	207.442	207.073			209.073			330
836	Ajmer	9	22,511.0	840	1 x 2.0m x 2.0m	2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	13.694	209.162	211.317	208.255	209.292	208.255			209.255			331
837	Ajmer	9	23,070.0	839	3 x 12.2m	40.275	2	Girder	Prestressed Contiguous Box	Major Bridge	Open Foundation	Drain	12.035	206.805	209.786	199.613	200.508	199.613			205.743			93
838	Ajmer	9	23,440.0	838B	2 x 4.5m x 4.1m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	11.88	208.32	210.434		208.084							261
839	Ajmer	9	23,810.0	838A	1 x 1.2m x 1.2m	1.2	2	CI Pipe	RCC Box	Minor Bridge	PCC Foundation	Drain	9.98	210.095	211.328	208.735	210.242	208.735			209.101			332
840	Ajmer	9	24,440.0	838	1 x 3.5m x 3.5m	3.5	2	Slab	RCC Box	Minor Bridge	PCC Foundation	Drain	10.4	210.59	211.401	207.017	207.364	207.017			208.910			333
841	Ajmer	9	25,100.0	837A	2 x 4.5m x 4.1m	9	2	Proposed RCC Box	RCC Box	RUB-Minor	PCC Foundation	Road	10.55	210.46	211.401		210.576							262
842	Ajmer	9	25,876.0	837	1 x 1.2m x 1.2m	1.2	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	10.68	209.766	210.934	208.665	208.718	208.665			209.324			334
843	Ajmer	9	26,089.0	836	1 x 3.0m x 2.0m	3	2	RCC Box	RCC Box	Minor Bridge	PCC Foundation	Drain	11.16	209.567	210.189	207.942	208.945	207.942			208.788			335

DFCC NEW DELHI

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LIST OF BRIDGES, RFOS, ROBS AND RUBS DRAWINGS FOR PACKAGE NO. CT P-3 (R): IQBALGARH - VADODARA SECTION

CPM	SEC	Serial No.				No of Page	Original from DFCCIL		NKC Modification		
							Drawing No.	Drawing Title	Drawing No.	Drawing Title	Remark
vadodara	5	V-4-2-	43	~	45	3	ARISHA/SACHIN-NADIAD/ROB-2/1	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF PROPOSED Br. No.211(ROB-1) FOR KM.57/233.568 (NEW CH.134344.965) NEAR MARKRPURA YARD. GENERAL ARRANGEMENT DRAWING	ARISHA/SACHIN-NADIAD/ROB-2/1	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF PROPOSED Br. No.211(ROB-1) FOR KM.57/233.568 (NEW CH.134344.965) NEAR MARKRPURA YARD. GENERAL ARRANGEMENT DRAWING	(ROB-1) Bridge No.211 at Ch.134344.965 Sec.5
vadodara	5	V-4-2-	46	~	48	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/216	SECTION-5 (SACHIN - PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO. 216 (NALLA CROSSING), 2X18.30m. PSC BOX GIRDER AT REV CH. 136531.533 GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/216	SECTION-5 (SACHIN - PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO. 216 (NALLA CROSSING), 2X18.30m. PSC BOX GIRDER AT REV CH. 136531.533 GENERAL ARRANGEMENT DRAWING	Major Bridge No.216 at Ch.136531.533 Sec.5
vadodara	5	V-4-2-	49	~	50	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/221	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 221(FOR RFO CROSSING), 1X7.0mX9.25m., RCC BOX AT KM 137800.000 GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/221	SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 221(FOR RFO CROSSING), 1X7.0mX9.25m., RCC BOX AT KM 137800.000 GENERAL ARRANGEMENT DRAWING	RFO No.221 at Ch.137800 Sec.5
vadodara	5	V-4-2-	51	~	54	4	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/222	SECTION NO. 05 CONSTRUCTION OF BRIDGE NO. 222 (FOR VISHVAMTRY RIVER), SPAN 3 x 45.7m PSC BOX GIRDER AT CH: 138885.393 GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/222	SECTION NO. 05 CONSTRUCTION OF BRIDGE NO. 222 (FOR VISHVAMTRY RIVER), SPAN 3 x 45.7m PSC BOX GIRDER AT CH: 138885.393 GENERAL ARRANGEMENT DRAWING	Major Bridge No.222 at Ch.138885.393 Sec.5
vadodara	5	V-4-2-	55	~	56	2	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/236	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.236 (FOR POND CROSSING) , 1x12.20m. PRESTRESSED CONTINUOUS BOX GIRDER AT KM,(REV CH.142770.375).	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/236	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.236 (FOR POND CROSSING) , 1x12.20m. PRESTRESSED CONTINUOUS BOX GIRDER AT KM,(REV CH.142770.375).	Major Bridge No.236 at Ch.142770.375 Sec.5
vadodara	5	V-4-2-	57	~	58	2	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/250	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF Br. NO.250 (FOR CANAL & ROAD CROSSING), 2x9.0mx5.75m+1x6.0mx5.75m.,RCC BOX AT KM 146639.250	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/250	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF Br. NO.250 (FOR CANAL & ROAD CROSSING), 1 x 6.1m x 5.75m + 2 x 9.15m x 5.75m, RCC BOX AT KM 146639.250	Major Bridge No.250 at Ch.146639.250 Sec.5
vadodara	5	V-4-2-	59	~	60	2	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/251	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF Br. NO.251 (FOR RAILWAY TRACK CROSSING VERTICAL CLEARANCE = 6145), 1x12.20m..,PRESTRESSED CONTINUOUS BOX GIRDER AT KM (REV CH.146696.205)	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/251	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF Br. NO.251 (FOR RAILWAY TRACK CROSSING VERTICAL CLEARANCE = 6145), 1x12.20m..,PRESTRESSED CONTINUOUS BOX GIRDER AT KM (REV CH.146696.205) GENERAL ARRANGEMENT DRAWING	RF0 Bridge No.251 at Ch.146696.205 Sec.5
vadodara	5	V-4-2-	61	~	63	3	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/253	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.253 , 1x12.20m. PRESTRESSED CONTINUOUS BOX GIRDER AT KM,(REV CH.146970.394).	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/253	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.253 , 1x18.3m. PSC BOX GIRDER AT KM,(REV CH.146970.394). GENERAL ARRANGEMENT DRAWING	RUB Major No.253 at Ch.146970.394 Sec.5
vadodara	5	V-4-2-	64	~	65	2	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/266	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.266 (FOR POND) , 1x12.20m. PRESTRESSED CONTINUOUS BOX GIRDER AT KM,(REV CH.149553.893).	CEG/SACHIN-NADIAD/GAD-BRIDGE/S-5/266	SECTION 05 (VASAD-PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO.266 (FOR POND) , 1x12.20m. PRESTRESSED CONTINUOUS BOX GIRDER AT KM,(REV CH.149553.893).	Major Bridge No.266 at Ch.149553.893 Sec.5
vadodara	5	V-4-2-	66	~	67	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/285	SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 285, 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH.154049.369)	NKC-CTS-RUB-VAD-00285	SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 285, 1x18.3m. PSC BOX GIRDER AT (REV CH.154049.369). GENERAL ARRANGEMENT DRAWING	RUB Major No.285 at Ch.154049.369 Sec.5
vadodara	5	V-4-2-	68	~	70	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/289	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 289, (FOR CANAL), 1x9.15m +1X30.50m+1x9.15m KM, (REV. CH.155475.394), GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/289	ECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 289, (FOR CANAL), 1x9.15m +1X30.50m+1x9.15m KM, (REV. CH.155475.394), GENERAL ARRANGEMENT DRAWING	Major Bridge No.289 at Ch.155475.394 Sec.5

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LIST OF BRIDGES, RFOS, ROBS AND RUBS DRAWINGS FOR PACKAGE NO. CT P-3 (R): IQBALGARH - VADODARA SECTION

CPM	SEC	Serial No.				No of Page	Original from DFCCIL		NKC Modification		
							Drawing No.	Drawing Title	Drawing No.	Drawing Title	Remark
vadodara	5	V-4-2-	71	~	73	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/296	CONSTRUCTION OF BRIDGE NO. 296, (NALLA & ROAD CROSSING), SPAN 1X18.3m + 1 X 4.57m. PSC BOX GIRDER + SOLID SLAB AT (REV CH.157880.391.) GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/296	CONSTRUCTION OF BRIDGE NO. 296, (NALLA & ROAD CROSSING), SPAN 1X18.3m + 1 X 4.57m. PSC BOX GIRDER + SOLID SLAB AT (REV CH.157880.391.) GENERAL ARRANGEMENT DRAWING	Major Bridge No.296 at Ch.157880.391 Sec.5
vadodara	5	V-4-2-	74	~	78	5	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/297	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 297, (FOR RAVINES AREA), 10X30.50m. PSC BOX GIRDER AT KM, (REV. CH.158518.00), GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/297	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 297, (FOR RAVINES AREA), 10X30.50m. PSC BOX GIRDER AT KM, (REV. CH.158518.00), GENERAL ARRANGEMENT DRAWING	Major Bridge No.297 at Ch.158518.000 Sec.5
vadodara	5	V-4-2-	79	~	80	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/307	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 307, (FOR LOCAL STREAM), 1X18.30m. PSC BOX GIRDER AT KM , (REV. CH.163210.320, GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/307	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 307, (FOR LOCAL STREAM), 1X18.30m. PSC BOX GIRDER AT KM , (REV. CH.163210.320, GENERAL ARRANGEMENT DRAWING	Major Bridge No.307 at Ch.163210.320 Sec.5
vadodara	5	V-4-2-	81	~	83	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/320	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 320 (CANAL), 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 166675.690) GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/320	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 320 (CANAL), 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 166675.690) GENERAL ARRANGEMENT DRAWING	Major Bridge No.320 at Ch.166675.690 Sec.5
vadodara	5	V-4-2-	84	~	85	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/322	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF BRIDGE NO. 322 (railway track crossing), 1X18.30. POST TENSIONED BOX GIRDER AT, REV CH166932.328. (railway track crossing), GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/322	SECTION 05 (VASAD-PALEJ) CONSTRUCTION OF BRIDGE NO. 322 (railway track crossing), 1X18.30. POST TENSIONED BOX GIRDER AT, REV CH166932.328. (railway track crossing), GENERAL ARRANGEMENT DRAWING	Major Bridge No.322 at Ch.166932.328 Sec.5
vadodara	5	V-4-2-	86	~	87	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/323	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 323 (POND), 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 166970.155) GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/323	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 323 (POND), 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 166970.155) GENERAL ARRANGEMENT DRAWING	Major Bridge No.323 at Ch.166970.155 Sec.5
vadodara	5	V-4-2-	88	~	89	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/333	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 333, 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 168619.580) GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/333	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 333, 1X12.20m. PRESTRESSED CONTIGUOUS BOX AT (REV CH. 168619.580) GENERAL ARRANGEMENT DRAWING	Major Bridge No.333 at Ch.168619.580 Sec.5
vadodara	5	V-4-2-	90	~	92	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/338	SECTION-5 (SACHIN - PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO. 338, 2X18.30m. POST TENSIONED BOX GIRDER AT KM., (REV CH. 169679.363), GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/338	SECTION-5 (SACHIN - PALEJ) (ON DETOUR) CONSTRUCTION OF BRIDGE NO. 338, 2X18.30m. POST TENSIONED BOX GIRDER AT KM., (REV CH. 169679.363), GENERAL ARRANGEMENT DRAWING	Major Bridge No.338 at Ch.169679.363 Sec.5
vadodara	5	V-4-2-	93	~	94	2	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/347	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 347, 1X12.20m. PRESTRESSDED CONTIGUOUS BOX AT (REV CH. 171535.577) GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/347	TITLE:- SECTION NO. 05 (VASAD - PALEJ) CONSTRUCTION OF BRIDGE NO. 347, 1X12.20m. PRESTRESSDED CONTIGUOUS BOX AT (REV CH. 171535.577) GENERAL ARRANGEMENT DRAWING	Major Bridge No.347 at Ch.171535.577 Sec.5
vadodara	5	V-4-2-	95	~	97	3	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/355	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 355, (FOR CANAL),PSC BOX GIRDER & PRESTRESSED CONTIGUOUS BOX AT KM , (REV. CH.173637.63), GENERAL ARRANGEMENT DRAWING	CEG/SACHIN-NADIAD/ GAD-BRIDGE /S-5/355	SECTION NO. 05 (VASAD - PALEJ) ON DETOUR CONSTRUCTION OF BRIDGE NO. 355, (FOR CANAL)1 x 12.2m + 1 x 18.3m + 1 x 12.2m, PSC BOX GIRDER & PRESTRESSED CONTIGUOUS BOX AT KM , (REV. CH.173637.63), GENERAL ARRANGEMENT DRAWING	Major Bridge No.355 at Ch.173637.630 Sec.5

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