

INVENTORY & CONDITION SURVEY FOR CULVERTS

Project: Manu - Chailengata - Lalcherra - Kanchanpur - Vanghmun - Simlung road (NH - 44A)
 Section: Kanchanpur- Vaghmun Section
 District: North Tripura

Sl. No.	Existing Changeage	Type of structures (RCC Box, Pipe, Slab Box, Masonry Arch)	Thickness of Slab (m)	Span Arrangement (No. X Length) (m)	Width of Culvert (m)		Length of culvert (m)	Width of parapet (m)	Details of Protection Works		Condition of various features of Culvert					Height above Bed Level		Whether waterway adequate (Yes/No)	Presence of Scour	Type of Abutment
					Total (m)	Carriageway (m)			Type	Condition	Slab/Pipe/Box/Arch	Head Wall	Wing Wall	Return Wall	Parapet/Handrall	U/S Side (m)	D/S Side (m)			
1	87+235	RCC SLAB	0.20	1X4.50	12.20	6.80	6.70	0.30	W	F	F	—	F	F	F	0.50+2.60+0.50+0.60	0.50+2.65+0.50+0.60	YES	—	B/M
2	87+380	RCC SLAB	0.30	1X1.55	12.00	6.80	3.00	0.30	W	P	F	—	F	F	F	2.60+0.3+0.55	2.65+0.30+0.55	YES	—	B/M
3	92+175	RCC SLAB	0.30	1X1.55	12.00	6.80	2.50	0.30		—	F	—	F	F	F	1.00+0.30+0.50	1.50+1.30+0.30+0.60	YES	—	B/M
4	92+975	RCC SLAB	0.40	1X1.50	12.00	7.00	2.50	0.30	W	F	F	—	F	F	F	0.70+0.70+0.60	3.00+2.00+0.40+0.60	YES	—	B/M
5	93+740	RCC SLAB	0.30	1X1.55	12.10	7.50	2.75	0.30	—	—	F	—	—	F	F	1.80+0.30+0.60	2.10+0.30+0.60	YES	—	B/M
6	96+195	HPC		1X.090	12.00	4.50	5.50	0.50	—	—	CHOCKED N/V	F	—	—	P	1.00	1.00	YES	—	B/M
7	96+515	HPC		1X.090	12.00	4.50	5.50	0.50	—	—	CHOCKED N/V	F	—	—	P	1.00	1.00	YES	—	B/M
8	97+000	HPC	—	2X0.90	7.50	4.50	3.70	0.50	—	—	F	F	—	—	DANGE/F	0.90+0.90	4.50	YES	—	B/M
9	97+110	HPC	—	1X0.90	7.00	3.80	6.00	0.40	—	—	F	F	—	—	F	0.90+0.90	1.80+0.90+1.00	YES	—	B/M
10	97+335	HPC	—	1X.090	12.00	4.50	5.50	0.50	—	—	CHOCKED N/V	F	—	—	P	1.00	1.00	YES	—	B/M
11	97+485	HPC	—	1X0.90	12.00	5.00	3.00	0.50	—	—	P	P	—	—	P	1.00	1.50	NO	—	B/M
12	97+705	RCC SLAB	0.5	1X1.00	7.10	3.80	8.00		—	—	F	—	—	F	F/N/V	0.00	2.10+1.00+0.50+2.00+0.60	YES	—	B/M
13	97+745	RCC SLAB	0.2	1X1.50	12.10	4.80	2.60	0.45	—	—	F	—	—	F	F	2.20+0.20+0.60	4.70+2.00+0.20+0.60	YES	—	B/M
14	98+840	HPC	—	1X0.90	9.00	3.90	1.70	0.50	—	—	F	P	—	—	P	0.90+0.90	2.00+0.90+0.90	YES	—	B/M
15	99+550	HPC	—	1X0.90	9.10	3.80	8.00	0.30	—	—	F	F/N/V	—	—	F/N/V	0.00	1.00+0.90+1.60+0.60	YES	—	B/M
16	100+060	HPC	—	1X0.90	8.50	3.60	2.50	0.50	—	—	F	POOR/FAIR	—	—	POOR/FAIR	2.60	3.50	NO	—	B/M
17	100+135	FCW	—	1X1.50	6.20	—	15.00	—	—	—	F	—	—	—	—	9.50	0.00	YES	—	
18	100+965	HPC		1X0.90	9.10	3.80	8.00	0.30	—	—	F	F/N/V	—	—	F/N/V	0.00	1.00+0.90+1.60+0.60	YES	—	B/M
19	101+085	HPC	—	1X0.90	6.40	3.60	2.60	0.40	—	—	F	DENGE/FAIR	—	—	DENGE/FAIR	0.90+0.60	2.50	NO	—	B/M
20	102+735	HPC		1X0.90	8.10	4.10	2.50	0.30	—	—	P	P	—	—	P	1.20	2.50	NO	—	B/M
21	102+870	RCC SLAB	0.3	1X2.00	10.10	3.70	3.30	0.30	—	—	F	—	—	F	P	3.10+0.30+0.60	2.00+3.20+0.30+0.60	YES	—	B/M
22	103+030	HPC	—	1X0.90	8.10	4.10	2.50	0.30	—	—	P	P	—	—	P	1.20	2.50	NO	—	B/M
23	104+240	HPC	—	1X0.90	8.00	4.00	2.50	0.30	—	—	P	P	—	—	P	0.80	1.00	NO	—	B/M
24	104+340	HPC	—	1X0.90 N/V	8.10	4.10	N/V	—	—	—	P	P	—	—	P	0.80	1.00	NO	—	B/M

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					Total (m)	Carriageway (m)			Type	Condition	Slab/Pipe/Box/Arch	Head Wall	Wing Wall	Return Wall	Parapet/Handrall	U/S Side (m)	D/S Side (m)			
25	104+525	HPC	—	1X0.90	12.00	3.70	N/V	—	—	—	P	P	—	—	P	1.20	3.00	NO	—	B/M
26	104+890	HPC		1X0.90	6.80	3.80	2.00	N/V	—	—	F	P	—	—	P	1.20	1.50+0.90+0.50			
27	104+945	HPC		1X0.90	6.80	3.80	2.00	N/V	—	—	F	P	—	—	P	1.20	1.50+0.90+0.50			
28	105+620	HPC	—	1X0.90	6.80	3.80	2.00	N/V	—	—	F	P	—	—	P	1.20	1.50+0.90+0.50	YES	—	B/M
29	105+850	HPC		1X0.90	6.80	3.90	3.40	—	—	—	F	P	—	—	P	0.90+0.60	1.00+0.20+01.10			
30	106+000	HPC		1X0.90	6.80	3.90	3.40	—	—	—	F	P	—	—	P	0.90+0.60	1.00+0.20+01.10			
31	106+075	HPC	—	1X0.90	6.80	3.90	3.40	—	—	—	F	P	—	—	P	0.90+0.60	1.00+0.20+01.10	YES	—	B/M
32	108+615	HPC	—	1X0.90 N/V	8.50	3.70	3.00	—	—	—	P	P	—	—	P	1.00 CHOKED	2.00	—	—	B/M
33	108+800	HPC	—	1X0.90	7.80	3.70	2.40	—	—	—	F	P	—	—	P	0.90+0.60	0.90+0.60	—	—	B/M
34	109+120	HPC	—	1X0.90	7.60	3.70	2.60	—	—	—	F	P	—	—	P	1.80	2.50	—	—	B/M
35	109+325	HPC	—	1X0.90	7.50	3.70	2.50	0.40	—	—	N/V	P	—	—	P	0.80	2.00	—	—	B/M
36	109+380	HPC	—	1X0.90	9.00	3.70	2.50	0.40	—	—	N/V	P	—	—	P	0.85	1.80	—	—	B/M
37	109+535	HPC	—	1X0.90	7.50	3.60	2.50	0.35	—	—	F		—	—	P	0.90+0.60	1.50+0.90+0.60	—	—	B/M