

ITEM-WISE DETAILED AREA STATEMENT
CONSTRUCTION OF PROPOSED GHANSOLI TO AIROLI CREEK BRIDGE BY NAVI MUMBAI MUNICIPAL CORPORATION (NMMC)

Sr No	Item of Work/ Component	Village/ District	Forest land requirement					Non-forest land requirement				Total Area (Ha.) = Forest+Non forest							
			Gut No./ S.No	Length (m) x Width (m)	Area		Legal Status of Forest	Remark	Gut No./ S.No.	Length (m) x Width (m)	Area								
					Sq Mt.	Ha.					Sq Mt.		Ha.						
1	Road on Embankment-1	Ghansoli/ Thane	109	Irregular	76.1402	0.0076	RF U/S-20 of IFA,1927	-	287	Irregular	7.6703	0.0008	1.1412						
2									279	Irregular	337.6130	0.0338							
3									288	44.3070 x 40	1772.2780	0.1772							
4									289	11.3440 x 40	453.7560	0.0454							
5									290	Irregular	845.4175	0.0845							
6									291	Irregular	2463.1631	0.2463							
7									109	Irregular	43.9594	0.0044							
8	Creek over Bridge		109	187.6547 x 27.6	5179.2702	0.5179	RF U/S-20 of IFA,1927	-	291	1.098 x 27.6	30.3082	0.0030							
9									109	Irregular	202.6263	0.0203							
Sub Total of Ghansoli Village						5255.4103	0.5255				6156.7918	0.6157	1.1412						
10	Creek over Bridge	Talavali/ Thane	184	244.3829 x 27.6	6744.9696	0.6745	RF U/S-20 of IFA,1927	-	-	-	0.0000	0.0000	0.7998						
11			195(NM)	45.3910 x 27.6	1252.7927	0.1253	RF U/S-20 of IFA,1927	-	-	-	0.0000	0.0000							
Sub Total of Talavali Village						7997.7623	0.7998				0.0000	0.0000	0.7998						
12	Creek over Bridge		Unsurveyed	Irregular	998.4213	0.0998	Un-notified Mangrove	Mangroves as per Satellite Image	Creek	Irregular	1152.4128	0.1152							
13			398(NM)	49.4717 x 27.6	1365.4204	0.1365	RF U/S-20 of IFA,1927	-	308	Irregular	4732.3515	0.4732							
14			308	Irregular	13642.2940	1.3642	RF U/S-20 of IFA,1927	-	58	Irregular	578.6015	0.0579							
15	Road on Embankment-2		308	Irregular	2096.6071	0.2097	RF U/S-20 of IFA,1927	-	308	Irregular	13222.8323	1.3223							
16									152/17	Irregular	295.4750	0.0295							
17									152/16	Irregular	202.1368	0.0202							
18									61	Irregular	6181.5871	0.6182							
19	4 Lane Flyover with Slips Road		308	Irregular	3910.0210	0.3910	RF U/S-20 of IFA,1927	-	308	Irregular	11967.1690	1.1967							
20									152/4	Irregular	69.9679	0.0070							
21									152/1	Irregular	17.6064	0.0018							
22									151	Irregular	33.2829	0.0033							
23	4 Lane & Additional Ramp		308	Irregular	853.6409	0.0854	RF U/S-20 of IFA,1927	-	308	Irregular	5283.8645	0.5284							
24			90	Irregular	1.9593	0.0002	Un-notified Mangrove	Mangroves as per MRSAC Map	90	Irregular	115.8279	0.0116							
25	2 Lane Flyover		-	-	-	-	-	-	90	Irregular	1599.4806	0.1599	8.6265						
26									92/17	Irregular	238.4234	0.0238							
27									92/12	Irregular	279.7493	0.0280							
28									92/13	Irregular	42.8056	0.0043							
29									92/10	Irregular	166.2017	0.0166							
30									92/2	Irregular	12.2050	0.0012							
31									92/1	Irregular	289.7602	0.0290							
32									94/4	Irregular	183.8358	0.0184							
33									93	Irregular	692.6153	0.0693							
34									94/1	Irregular	140.4472	0.0140							
35	95	Irregular	82.5433	0.0083															
36	2-Lane down Ramp Towards Airoli		-	-	-	-	-	-	90	Irregular	979.8125	0.0980							
37									108/1	Irregular	903.1298	0.0903							
38									109/3	Irregular	47.3844	0.0047							
39									O/22	Irregular	3.4305	0.0003							
40									109/2	Irregular	0.6249	0.0001							
41									109/4	Irregular	29.4840	0.0029							
42									108/2	Irregular	11.1551	0.0011							
43									107/15B	Irregular	2.0247	0.0002							
44									92/18	Irregular	195.7532	0.0196							
45									92/17	Irregular	122.8266	0.0123							
46									92/12	Irregular	111.6832	0.0112							
47									92/13	Irregular	158.8470	0.0159							
48									92/10	Irregular	137.4848	0.0137							
49									92/2	Irregular	89.9745	0.0090							
50	92/1	Irregular	55.2166	0.0055															
51	94/4	Irregular	98.5760	0.0099															
52	93	Irregular	9.4012	0.0009															
53	2-Lane Up Ramp		-	-	-	-	-	-	150A	Irregular	1434.3870	0.1434							
54									90	Irregular	1426.9976	0.1427							
55									108/1	Irregular	776.9446	0.0777							
56									108/7	Irregular	231.9332	0.0232							
57									109/5	Irregular	5.2366	0.0005							
58									109/3	Irregular	22.4698	0.0022							
59									109/6	Irregular	36.8332	0.0037							
60	O/24	Irregular	8.0878	0.0008															
61	U-Loop Ramp		308	Irregular	2618.0199	0.2618	RF U/S-20 of IFA,1927	-	308	Irregular	2754.2199	0.2754							
62			90	Irregular	45.9392	0.0046	Un-notified Mangrove	Mangroves as per MRSAC Map	90	Irregular	792.9582	0.0793							
63			95	Irregular	6.1654	0.0006	Un-notified Mangrove	Mangroves as per MRSAC Map	95	Irregular	433.6163	0.0434							
64	2 Lane down Ramp Towards Mulund		308	Irregular	811.0291	0.0811	RF U/S-20 of IFA,1927	-	91/1	Irregular	2.3548	0.0002							
65									308	Irregular	800.9298	0.0801							
66									399(NM)	46.1144 x 8.5	391.9725	0.0392		RF U/S-20 of IFA,1927	-	399(NM)	Irregular	69.4985	0.0069
67									Unsurveyed	Irregular	127.6346	0.0128		Un-notified Mangrove	Mangroves as per MRSAC Map	Unsurveyed	Irregular	61.0721	0.0061
Sub Total of Dive Village						26869.1246	2.6869				59395.53106	5.9396	8.6265						
Grand Total						40122.2973	4.0122				65552.3228	6.5552	10.5675						

Summary

Sr. No.	Project Component	Length	RoW	Land requirement (Ha.)	
				Forest	Non Forest
1	Road on Embankment-1	150	40	0.0076	0.5924
2	Creek over Bridge	1300	27.6	2.9183	0.6696
3	Road on Embankment-2	550	40	0.2097	1.9902
4	4 Lane Flyover with Slips Road	400	40	0.3910	1.2088
5	4 Lane & Additional Ramp	100 150	27.6 22	0.0856	0.5400
6	2 Lane Flyover	411	10	0.0000	0.3728
7	2-Lane down Ramp Towards Airoli	392	10	0.0000	0.2957
8	2-Lane Up Ramp	462	10	0.0000	0.3943
9	U-Loop Ramp	823	8.5	0.2670	0.3983
10	2 Lane down Ramp Towards Mulund	339	8.5	0.1331	0.0932
Total				4.0122	6.5552

CITY ENGINEER
Navi Mumbai Municipal Corporation

