

Widening to two lane with paved shoulders from Km: 24.60 to 70.063 of Mudigere Kadur section NH-173 in the state of Karnataka. (Job No. NH-173-KNT-2017-18-873)"

Componenet Wise area of the Project road																								
							Carriageway		Paved shoulder		Earthen Shoulder		Paved Marking		Utility Corridor		Slope		Drain		Drain to Row		Total Width	
No.	TYP CS	Details	PROW (m)	Start (Km)	End (Km)	Length (Km)	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare	Width (m)	Are in Hectare
1	Type-1	Town Limit	16	24.600	28.880	4280	7.00	2.996	3.00	1.284	0.00	0.000	0.00	0.000	3.00	1.284	0.00	0.000	3.00	1.284	0.00	0.000	16.00	6.8480
2	Type-2	Town Limit	20	28.880	29.780	900	14.00	1.260	0.00	0.000	0.00	0.000	0.60	0.054	2.20	0.198	0.00	0.000	3.00	0.270	0.20	0.018	20.00	1.8000
3		Overlay is proposed		29.78	31.700	1920	14.00	2.688	0.00	0.000	0.00	0.000	0.60	0.115	2.20	0.422	0.00	0.000	3.00	0.576	0.20	0.038	20.00	3.8400
4	Type-3	Town Limit	24	31.700	36.000	4300	14.00	6.020	3.00	1.290	0.00	0.000	2.20	0.946	1.80	0.774	0.00	0.000	3.00	1.290	0.00	0.000	24.00	10.3200
5				51.500	52.500	1000	14.00	1.400	3.00	0.300	0.00	0.000	2.20	0.220	1.80	0.180	0.00	0.000	3.00	0.300	0.00	0.000	24.00	2.4000
6				69.050	70.063	1013	14.00	1.418	3.00	0.304	0.00	0.000	2.20	0.223	1.80	0.182	0.00	0.000	3.00	0.304	0.00	0.000	24.00	2.4312
7	Type-4	Reconstruction Stretch in Cut Mountainous Terrain	30	36.000	36.100	100	7.00	0.070	3.00	0.030	0.00	0.000	0.00	0.000	3.00	0.030	1.73	0.017	2.40	0.024	12.87	0.129	30.00	0.3000
8				36.300	36.500	200	7.00	0.140	3.00	0.060	0.00	0.000	0.00	0.000	3.00	0.060	1.73	0.035	2.40	0.048	12.87	0.257	30.00	0.5999
9				37.000	37.400	400	7.00	0.280	3.00	0.120	0.00	0.000	0.00	0.000	3.00	0.120	1.73	0.069	2.40	0.096	12.87	0.515	30.00	1.1998
10				37.500	37.820	320	7.00	0.224	3.00	0.096	0.00	0.000	0.00	0.000	3.00	0.096	1.73	0.055	2.40	0.077	12.87	0.412	30.00	0.9598
11				38.250	38.700	450	7.00	0.315	3.00	0.135	0.00	0.000	0.00	0.000	3.00	0.135	1.73	0.078	2.40	0.108	12.87	0.579	30.00	1.3498
12	Type-5	Reconstruction Stretch in Cut / Fill Mountainous Terrain	30	36.100	36.300	200	7.00	0.140	3.00	0.060	0.00	0.000	0.00	0.000	1.50	0.030	0.86	0.017	1.20	0.024	16.44	0.329	30.00	0.6000
13				36.500	37.000	500	7.00	0.350	3.00	0.150	0.00	0.000	0.00	0.000	1.50	0.075	0.86	0.043	1.20	0.060	16.44	0.822	30.00	1.5001
14				37.400	37.500	100	7.00	0.070	3.00	0.030	0.00	0.000	0.00	0.000	1.50	0.015	0.86	0.009	1.20	0.012	16.44	0.164	30.00	0.3000
15	Type-6	Reconstruction / Realignment Stretch in Fill Mountainous	24	37.820	38.250	430	7.00	0.301	1.80	0.077	1.20	0.052	0.00	0.000	3.00	0.129	6.00	0.258	3.00	0.129	2.00	0.086	24.00	1.0320
16	Type-7A	Reconstruction / Realignment Stretch in Rolling and Plain Terrain	24 / 30	38.700	44.950	6250	7.00	4.375	3.00	1.875	4.00	2.500	0.00	0.000	6.00	3.750	3.00	1.875	3.00	1.875	4.00	2.500	30.00	18.7500
17				45.050	45.650	600	7.00	0.420	3.00	0.180	4.00	0.240	0.00	0.000	6.00	0.360	3.00	0.180	3.00	0.180	4.00	0.240	30.00	1.8000
18				45.900	50.200	4300	7.00	3.010	3.00	1.290	4.00	1.720	0.00	0.000	6.00	2.580	3.00	1.290	3.00	1.290	4.00	1.720	30.00	12.9000
19				50.500	51.500	1000	7.00	0.700	3.00	0.300	4.00	0.400	0.00	0.000	6.00	0.600	3.00	0.300	3.00	0.300	4.00	0.400	30.00	3.0000
20				52.500	54.100	1600	7.00	1.120	3.00	0.480	4.00	0.640	0.00	0.000	6.00	0.960	3.00	0.480	3.00	0.480	4.00	0.640	30.00	4.8000
21				54.700	55.150	450	7.00	0.315	3.00	0.135	4.00	0.180	0.00	0.000	6.00	0.270	3.00	0.135	3.00	0.135	4.00	0.180	30.00	1.3500
22				55.450	56.450	1000	7.00	0.700	3.00	0.300	4.00	0.400	0.00	0.000	6.00	0.600	3.00	0.300	3.00	0.300	4.00	0.400	30.00	3.0000
23				56.550	56.600	50	7.00	0.035	3.00	0.015	4.00	0.020	0.00	0.000	6.00	0.030	3.00	0.015	3.00	0.015	4.00	0.020	30.00	0.1500
24				56.670	58.250	1580	7.00	1.106	3.00	0.474	4.00	0.632	0.00	0.000	6.00	0.948	3.00	0.474	3.00	0.474	4.00	0.632	30.00	4.7400
25				58.500	60.450	1950	7.00	1.365	3.00	0.585	4.00	0.780	0.00	0.000	6.00	1.170	3.00	0.585	3.00	0.585	4.00	0.780	30.00	5.8500
26				60.650	61.650	1000	7.00	0.700	3.00	0.300	4.00	0.400	0.00	0.000	6.00	0.600	3.00	0.300	3.00	0.300	4.00	0.400	30.00	3.0000
27				61.750	63.400	1650	7.00	1.155	3.00	0.495	4.00	0.660	0.00	0.000	6.00	0.990	3.00	0.495	3.00	0.495	4.00	0.660	30.00	4.9500
28				63.500	65.350	1850	7.00	1.295	3.00	0.555	4.00	0.740	0.00	0.000	6.00	1.110	3.00	0.555	3.00	0.555	4.00	0.740	30.00	5.5500
29				65.500	69.050	3550	7.00	2.485	3.00	1.065	4.00	1.420	0.00	0.000	6.00	2.130	3.00	1.065	3.00	1.065	4.00	1.420	30.00	10.6500
30	Type-7B	Reconstruction / Realignment Stretch in Rolling and Plain Terrain	24	44.950	45.050	100	7.00	0.070	3.00	0.030	4.00	0.040	0.00	0.000	0.00	0.000	10.00	0.100	0.00	0.000	0.00	0.000	24.00	0.2400
31				45.650	45.900	250	7.00	0.175	3.00	0.075	4.00	0.100	0.00	0.000	0.00	0.000	10.00	0.250	0.00	0.000	0.00	0.000	24.00	0.6000
32				50.200	50.500	300	7.00	0.210	3.00	0.090	4.00	0.120	0.00	0.000	0.00	0.000	10.00	0.300	0.00	0.000	0.00	0.000	24.00	0.7200
33				54.100	54.700	600	7.00	0.420	3.00	0.180	4.00	0.240	0.00	0.000	0.00	0.000	10.00	0.600	0.00	0.000	0.00	0.000	24.00	1.4400
34				55.150	55.300	150	7.00	0.105	3.00	0.045	4.00	0.060	0.00	0.000	0.00	0.000	10.00	0.150	0.00	0.000	0.00	0.000	24.00	0.3600
35				55.300	55.450	150	7.00	0.105	3.00	0.045	4.00	0.060	0.00	0.000	0.00	0.000	10.00	0.150	0.00	0.000	0.00	0.000	24.00	0.3600
36				56.450	56.550	100	7.00	0.070	3.00	0.030	4.00	0.040	0.00	0.000	0.00	0.000	10.00	0.100	0.00	0.000	0.00	0.000	24.00	0.2400
37				56.600	56.670	70	7.00	0.049	3.00	0.021	4.00	0.028	0.00	0.000	0.00	0.000	10.00	0.070	0.00	0.000	0.00	0.000	24.00	0.1680
38				58.250	58.500	250	7.00	0.175	3.00	0.075	4.00	0.100	0.00	0.000	0.00	0.000	10.00	0.250	0.00	0.000	0.00	0.000	24.00	0.6000
39				60.450	60.650	200	7.00	0.140	3.00	0.060	4.00	0.080	0.00	0.000	0.00	0.000	10.00	0.200	0.00	0.000	0.00	0.000	24.00	0.4800
40				61.650	61.750	100	7.00	0.070	3.00	0.030	4.00	0.040	0.00	0.000	0.00	0.000	10.00	0.100	0.00	0.000	0.00	0.000	24.00	0.2400
41				63.400	63.500	100	7.00	0.070	3.00	0.030	4.00	0.040	0.00	0.000	0.00	0.000	10.00	0.100	0.00	0.000	0.00	0.000	24.00	0.2400
42				65.350	65.500	150	7.00	0.105	3.00	0.045	4.00	0.060	0.00	0.000	0.00	0.000	10.00	0.150	0.00	0.000	0.00	0.000	24.00	0.3600
43		Total				45463		38.2172		12.7413		11.7916		1.5581		19.8287		11.1496		12.6507		14.0815		122.0187

Component wise Breakup			
Sl.No	Component	Forest land in (ha)	Non Forest Land (Ha)
1	Carriageway	0.895486734	37.321713266
2	paved shoulder	0.381229497	12.360070503
3	earthen shoulder	0.459295776	11.332304224
4	paved , parking	0.000000000	1.558060000
5	Utility corridor	0.055061461	19.773678539
6	slope	0.288110079	10.861464921
7	Drain	0.749156220	11.901543780
8	toll plaza	2.894753637	0.825000000
9	drain to ROW	0.000000000	10.360250767
Total		5.723093404	116.294086000


Executive Engineer
National Highway Division
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