

Area Calculation Sheet:- Rehabilitation and upgradation to 2-lane with paved shoulders configure of Radhaita-Pilibhit section of NH-731K (km 137.250 to km 183.380) (Package-IV) in the State of Uttar Pradesh under Green National Highways Cooridor Project (GNHCP) with the loan assistance of World Bank on EPC mode - District Pilibhit																							
S. No.	Design Chainage (km)		Length (m)	LHS									RHS									Widening Section	Remarks
	From	To		EROW	Existing Road Formation Width (m)	Proposed Road Formation Width (m)	Proposed Non PF Width (m)	Proposed PF Width (m)	Balance PF Width (m)	Proposed Non PF Area (m2)	Proposed PF Area (m2)	Balance PF Area (m2)	EROW	Existing Road Formation Width (m)	Proposed Road Formation Width (m)	Proposed Non PF Width (m)	Proposed PF Width (m)	Balance PF Width (m)	Proposed Non PF Area (m2)	Proposed PF Area (m2)	Balance PF Area (m2)		
1	137+250	144+400	7150	15	4.5	10	Road side strip plantation is not notified as PF in this section of the Project Road						15	4.5	10	Road side strip plantation is not notified as PF in this section of the Project Road						2 lane	Concentric Widening and Overlaying for 2 lane with paved shoulder in open area
2	144+400	145+425	1025	15	4.5	10							2 lane	Concentric Widening and Overlaying for 2 lane with paved shoulder in open area									
3	145+425	145+575	150	15	4.5	10							2 lane	Bus Bay-RHS									
4	145+575	146+175	600	15	4.5	10							2 lane	2 lane with Paved shoulder with paver block in Semi Built-up Area									
5	146+175	146+325	150	15	4.5	15							2 lane	Bus Bay-LHS									
6	146+325	146+775	450	15	4.5	10							2 lane	Concentric Widening and Overlaying for 2 lane with paved shoulder in open area									
7	146+775	146+925	150	15	4.5	15							2 lane	Bus Bay-LHS									
8	146+925	147+600	675	15	4.5	10							2 lane	2 lane with Paved shoulder with paver block in Semi Built-up Area									
9	147+600	149+075	1475	10	4.5	10	0	5.5	0	0	8112.5	0	10	4.5	10	0	5.5	0	0	8112.5	0	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
10	149+075	149+225	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
11	149+225	149+650	425	15	4.5	10	0	5.5	5	0	2337.5	2125	15	4.5	10	0	5.5	5	0	2337.5	2125	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
12	149+650	152+350	2700	15	4.5	10	0	5.5	5	0	14850	13500	15	4.5	10	0	5.5	5	0	14850	13500	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
13	152+350	152+800	450	15	4.5	73	58	10.5	0	26100	4725	0	15	4.5	73	58	10.5	0	26100	4725	0		Toll Plaza
14	152+800	152+975	175	15	4.5	10	0	5.5	5	0	962.5	875	15	4.5	10	0	5.5	5	0	962.5	875	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
15	152+975	153+125	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
16	153+125	153+925	800	10	4.5	10	0	5.5	0	0	4400	0	10	4.5	10	0	5.5	0	0	4400	0	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
17	153+925	154+075	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
18	154+075	154+200	125	15	4.5	10	0	5.5	5	0	687.5	625	15	4.5	10	0	5.5	5	0	687.5	625	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
19	154+200	154+450	250	15	4.5	30	15	10.5	0	3750	2625	0	15	4.5	30	15	10.5	0	3750	2625	0		Truck Lay Bye
20	154+450	154+725	275	15	4.5	10	0	5.5	5	0	1512.5	1375	15	4.5	10	0	5.5	5	0	1512.5	1375	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
21	154+725	154+875	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
22	154+875	155+325	450	10	4.5	10	0	5.5	0	0	2475	0	10	4.5	10	0	5.5	0	0	2475	0	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
23	155+325	155+475	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
24	155+475	158+025	2550	15	4.5	10	0	5.5	5	0	14025	12750	15	4.5	10	0	5.5	5	0	14025	12750	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
25	158+025	158+175	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
26	158+175	159+325	1150	10	4.5	10	0	5.5	0	0	6325	0	10	4.5	10	0	5.5	0	0	6325	0	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
27	159+325	159+475	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
28	159+475	162+975	3500	15	4.5	10	0	5.5	5	0	19250	17500	15	4.5	10	0	5.5	5	0	19250	17500	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
29	162+975	163+125	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
30	163+125	164+925	1800	15	4.5	10	0	5.5	5	0	9900	9000	15	4.5	10	0	5.5	5	0	9900	9000	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
31	164+925	165+050	125	15	4.5	15	0	10.5	0	0	1312.5	0	15	4.5	10	0	5.5	5	0	687.5	625	2 lane	Bus Bay-LHS
32	165+050	166+900	1850	15	4.5	15	0	10.5	0	0	19425	0	15	4.5	15	0	10.5	0	0	19425	0	4 lane	Concentric Widening and Overlaying for 4 lane build up area
33	166+900	167+025	125	15	4.5	10	0	5.5	5	0	687.5	625	15	4.5	15	0	10.5	0	0	1312.5	0	2 lane	Bus Bay-RHS
34	167+025	167+225	200	15	4.5	10	0	5.5	5	0	1100	1000	15	4.5	10	0	5.5	5	0	1100	1000	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
35	167+225	167+375	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
36	167+375	168+075	700	15	4.5	10	0	5.5	5	0	3850	3500	15	4.5	10	0	5.5	5	0	3850	3500	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
37	168+075	168+225	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
38	168+225	168+325	100	15	4.5	10	0	5.5	5	0	550	500	15	4.5	10	0	5.5	5	0	550	500	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
39	168+325	168+475	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
40	168+475	168+975	500	15	4.5	10	0	5.5	5	0	2750	2500	15	4.5	10	0	5.5	5	0	2750	2500	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
41	168+975	169+125	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
42	169+125	170+125	1000	15	4.5	10	0	5.5	5	0	5500	5000	15	4.5	10	0	5.5	5	0	5500	5000	2 lane	Concentric widening and overlaying for two lane with paved shoulder in open area
43	170+125	170+275	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS


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44	170+275	170+975	700	10	4.5	10	0	5.5	0	0	3850	0	10	4.5	10	0	5.5	0	0	3850	0	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
45	170+975	171+125	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
46	171+125	171+525	400	15	4.5	10	0	5.5	5	0	2200	2000	15	4.5	10	0	5.5	5	0	2200	2000	2 lane	Concentric widening and overlaying for two lane with naved shoulder in open area
47	171+525	171+675	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
48	171+675	171+975	300	15	4.5	10	0	5.5	5	0	1650	1500	15	4.5	10	0	5.5	5	0	1650	1500	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
49	171+975	172+125	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
50	172+125	174+025	1900	15	4.5	10	0	5.5	5	0	10450	9500	15	4.5	10	0	5.5	5	0	10450	9500	2 lane	Concentric widening and overlaying for two lane with naved shoulder in open area
51	174+025	174+175	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
52	174+175	175+475	1300	15	4.5	10	0	5.5	5	0	7150	6500	15	4.5	10	0	5.5	5	0	7150	6500	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
53	175+475	175+625	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
54	175+625	178+025	2400	15	4.5	10	0	5.5	5	0	13200	12000	15	4.5	10	0	5.5	5	0	13200	12000	2 lane	Concentric widening and overlaying for two lane with naved shoulder in open area
55	178+025	178+175	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
56	178+175	178+675	500	15	4.5	10	0	5.5	5	0	2750	2500	15	4.5	10	0	5.5	5	0	2750	2500	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
57	178+675	178+825	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
58	178+825	180+875	2050	15	4.5	10	0	5.5	5	0	11275	10250	15	4.5	10	0	5.5	5	0	11275	10250	2 lane	Concentric widening and overlaying for two lane with naved shoulder in open area
59	180+875	181+025	150	15	4.5	15	0	10.5	0	0	1575	0	15	4.5	10	0	5.5	5	0	825	750	2 lane	Bus Bay-LHS
60	181+025	181+825	800	15	4.5	10	0	5.5	5	0	4400	4000	15	4.5	10	0	5.5	5	0	4400	4000	2 lane	2 lane Paved shoulder with paver block in Semi Built-up Area
61	181+825	181+975	150	15	4.5	10	0	5.5	5	0	825	750	15	4.5	15	0	10.5	0	0	1575	0	2 lane	Bus Bay-RHS
62	181+975	182+625	650	15	4.5	10	0	5.5	5	0	3575	3250	15	4.5	10	0	5.5	5	0	3575	3250	2 lane	Concentric widening and overlaying for two lane with naved shoulder in open area
63	182+625	182+750	125	15	4.5	15	0	10.5	0	0	1312.5	0	15	4.5	10	0	5.5	5	0	687.5	625	2 lane	Bus Bay-LHS
64	182+750	183+380	630	15	4.5	15	0	10.5	0	0	6615	0	15	4.5	15	0	10.5	0	0	6615	0	4 lane	Concentric Widening and Overlaying for 4 lane build up area
	Project Road Length	46130								29850	221440	131375							29850	222315	130500		
								Total area (ha)		2.985	22.144	13.138						Total area (ha)	2.985	22.232	13.05		
Total Proposed Area (LHS+RHS) in ha						PF	Non-PF	Balance Area															
						44.376	5.97	26.188															


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