

**Area Calculation Sheet Of Proposed Protected Forest Land For Rehabilitation And
Upgradation Of Agra-Jalesar-Etah Road (NH-321G) In District Etah By Ministry Of
Road Transport And Highways**

Name	In Between Road Chainage		Road Side	Length (M)	Width (M)	Area Sq M
	From	To				
Hathras Branch Canal	28050	28095	LHS	8	6.25	50
			LHS	7	6.25	43.75
			RHS	8	6.25	50
			RHS	7	6.25	43.75
Total						187.5
Etawah Stamp Canal	51.774	51.944		14.6	18	263
				50.28	18	905
Total						1168
Upper Ganga Canal	59570	59670		20	18	360
				29	18	522
Total						882
Lower Ganga Canal	70500	70800	LHS	10	6.25	62.5
				10	6.25	62.5
			RHS	10	6.25	62.5
				10	6.25	62.5
Total						250
Jalesar Awagadh Etah Road	37850	39250	LHS	1400 M x 5.25M Curved PF Land Area Calculated By Arc GIS		7275
			RHS		7306	
Total						14581
Grand Trunk Road	At Joinig Point of Road			20	16	320
Grand Total						17388
Total Forest Area in Hectare = (Grand Total/10000)						1.7388

**Total Non-Forest Area as per calculated by ArcGIS = 533193 Sq. M
= 53.3193 Hectare**

**Total Non-Forest Area + Non-Forest Area = 1.7388 + 53.3193
= 55.0581 Hectare**


Mukesh Kumar Thakur
 Executive Engineer
 N.H Division P.W.D. Etawah

LAT:27°13'50.06"
LON:78°02'55.48"

LAT:27°13'50.07"
LON:78°02'55.87"

LAT:27°13'50.07"
LON:78°02'56.29"

LAT:27°13'50.08"
LON:78°02'56.71"

Proposed protected forest land of Agra-Aligarh road (NH-509) to be diverted for Rehabilitation and upgradation of Agra jalesar Etah road NH -321G km At km 00 to 01 in district -Agra (U.P.) by Ministry of Road Transport and Highways.

LAT:27°13'49.86"
LON:78°02'55.49"

LAT:27°13'49.88"
LON:78°02'56.72"

MSE consultancy Etawah. 9971541018



LAT:27°13'49.41"
LON:78°02'55.50"

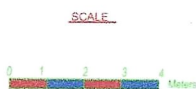
LAT:27°13'49.43"
LON:78°02'56.73"

LAT:27°13'48.95"
LON:78°02'55.51"

LAT:27°13'48.98"
LON:78°02'56.74"

Legend

- Forest Area
- Forest Area DGPS Coordinates



Total Area = $((11.69 \times 5.25) + (13.79 \times 5.25))$ sqm
 = $(61.372 + 72.3975)$ sqm
 = 137.79 sqm
 = 0.0138 ha

(Mukesh Kumar Thakur)
 Executive Engineer
 N.H. Division, PWD, Etawah

Sl No	Latitude	Longitude
1	LAT:27°13'49.20"	LON:78°02'55.75"
2	LAT:27°13'49.50"	LON:78°02'56.09"
3	LAT:27°13'49.56"	LON:78°02'55.90"
4	LAT:27°13'49.14"	LON:78°02'55.94"
5	LAT:27°13'48.96"	LON:78°02'56.30"
6	LAT:27°13'49.39"	LON:78°02'56.47"
7	LAT:27°13'49.44"	LON:78°02'56.28"
8	LAT:27°13'49.02"	LON:78°02'56.11"

LAT:27°13'48.48"
LON:78°02'55.53"

LAT:27°13'48.49"
LON:78°02'55.92"

LAT:27°13'48.50"
LON:78°02'56.33"

LAT:27°13'48.51"
LON:78°02'56.76"