

AREA CALCULATION SHEET

PROPOSAL FOR DIVERSION OF 83.59 HA OF FOREST LAND FOR THE CONSTRUCTION OF 2-LANING OF ARROWA-TIDING-KHUPA-HAYULIANG ROAD OF NH-113 FROM DESIGN KM 1.89 TO KM 24.80 (FROM KM 68.540 TO KM 95.80 OF EXISTING TEZU-HAYULIANG ROAD) FOR EXECUTION IN EPC MODE IN THE DISTRICT OF ANJAW IN THE STATE OF ARUNACHAL PRADESH.

AREA OF LAND INVOLVED

1. Forest Land Required for the Construction of Arrows-Swami Camp Road from 1.890 Km to 24.800 Km = **83.59 Ha**
2. Out of **83.59 Ha** Forest Land, **49.69 Ha** is for Widening & Realignment and the rest **33.90 Ha** for Muck Disposal.
3. A brief Area Calculation Sheet is given in the following Table. The detailed change wise area breakup of land required is shown in **Annexure-I** as follows. It includes Forest Land, Revenue Land, Private Land and area for Muck Disposal.

Sl. No	Location in Km		Length (Mtrs)	Side to be widen	Width required to be acquired (mtrs)	Area (Hectare)	Remarks
	From	To					
PROPOSED LAND AREA TO BE DIVERTED							
1.	1.890	24.800	22.910	Hill Side		49.69	Widening and Realignment in Forest Land
2	Muck Disposal Area in Ha. (2.46+0.47+0.93+3.43+0.75+14.63+6.88+2.06+1.67+0.62)					33.90	Forest Land
Total Area in Ha						83.59	
Proposed Additional Land to be Diverted including Muck Disposal Area (Ha)							83.59



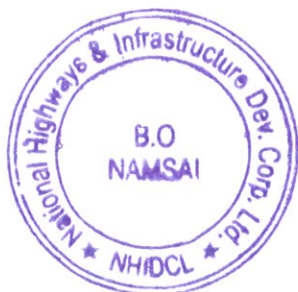

 General Manager (P)
 NHIDCL, PMU-Namsai
 Arunachal Pradesh

Annexure-I

CHAINAGE WISE AREA CALCULATION SHEET

WIDTH REQUIRED TO BE ACQUIRED						
CH KM 0.00 TO KM 24.80						
Existing Chainage	Proposed Chainage		Width (LHS)	Area (LHS)	Width (RHS)	Area (RHS)
	From	To				
From Km to Km	A	B	C	D = Cx(B-A)	E	F = Ex(B-A)
	1+890	4+480	12.795	33139.05	8.995	23297.05
	4+480	4+930	15.111	6799.95	8.861	3987.45
	4+930	5+025	17.684	1679.98	5.357	508.92
	5+025	5+835	15.755	12761.55	5.646	4573.26
	5+835	6+305	19.5	9165	1.42	667.4
	6+305	7+345	18.22	18948.8	3.5	3640
	7+345	7+495	12.22	1833	10.893	1633.95
	7+495	7+740	8.941	2190.55	11.598	2841.51
	7+740	7+955	11.496	2471.64	11.221	2412.52
	7+955	8+695	12.776	9454.24	9.096	6731.04
	8+695	10+580	12.039	22693.52	9.293	17517.31
	10+580	10+740	13.082	2093.12	8.248	1319.68
	10+740	11+080	11.99	4076.6	7.721	2625.14
	11+080	11+555	11.793	5601.68	8.89	4222.75
	11+555	12+015	10.823	4978.58	9.25	4255
	12+015	12+148	11.475	1526.18	10.431	1387.32
	12+148	13+220	13.186	14135.39	9.664	10359.81
	13+220	14+565	13.674	18391.53	8.613	11584.49
	14+565	17+000	21.500	52352.50	1.216	2960.960
	17+000	18+555	12.000	18660.00	12.000	18660.000
	18+555	19+410	14.868	12712.14	8.725	7459.88
	19+410	19+865	14.408	6555.64	5.159	2347.35
	19+865	20+750	12.448	11016.48	8.631	7638.44
	20+750	22+830	11.832	24610.56	6.122	12733.76
	22+830	23+030	15.901	3180.2	5.505	1101
	23+030	23+210	11.228	2021.04	8.785	1581.3
	23+210	23+320	16.076	1768.36	3.53	388.3
	23+320	24+800	12.39	18337.2	10.378	15359.44
TOTAL (Sqm)				323154.48		173795.03
TOTAL (HA)				32.32		17.38
GRAND TOTAL (HA)					49.69	
AREA FOR MUCK DISPOSAL						
	MDP-1			2.46		
	MDP-2					0.47
	MDP-3					0.93
	MDP-4					3.43
	MDP-5					0.75
	MDP-6					14.63
	MDP-7			6.88		
	MDP-8			2.06		
	MDP-9					1.67
	MDP-10					0.62
TOTAL (HA)				11.4		22.5
GRAND TOTAL (HA)					33.90	
TOTAL AREA TO BE ACQUIRED INCLUDING MUCK DISPOSAL SITE (IN HA)				(49.69 + 33.90) = 83.59		

*Proposed RoW considered 24m minimum.



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