

## Add: AH. 2-4-

DETAIL OF TOPOGRAPHY OF ALIGNMENT वर्य का नामः- वित्तीय वर्ष 2016-17 में जनपद नैनीताल के विधान सभा क्षेत्र नैनीताल के विकास खण्ड रामगढ़ के तर्गत नथुवाखान-सुयालबाड़ मोटर मार्ग छीमी से मटेला होते हुए तोला भुमियाँ देव मन्दिर तक मोटर मार्ग का नव मांग का कार्य।(लम्बाई:-4.000किमी0)

iption of Alignment t from starting to tretches nds etc. hrough ain (cross slop in (cross slop from	Nathuwakhan-Suyalbadi motor Road Ar Curunt Name From Km.67.0 of SH-6	of This alignment started from Km 25.0 of Nathuwakhan-Suyalbadi motor Road 22 And Curunt Name From Km.67.0 of SH es 62 motor Road and connects Villages Matela 4.50 Km. 1:18R/F,1:30R, 8 No
tretches nds etc. hrough ain (cross slop	1:20R,1:22R, & 1:40R 06 No	1:18R/F,1:30R, 8 No
nds etc. hrough ain (cross slop	06 No	8 No
hrough ain (cross slop	en yn ddaen y en yn de fer yn yn fernyn ar fer yn fergen ferd y fferefyd yn ferfer yn fergen ar fer yn yn yn yn Yn ferfer yn gener ar fergen ar yn fergen ar ferfer	
ain (cross slop	Hjll area	
		Hill area
in (eress stop nom	2.500 Km.	1.00 Km.
th indicating of	1.000Km.	2.50 Km.
nes	0.500 Km.	1.50Km.
	Nil	Nil
	2.500 Km.	2.000 Km.
hard	1.000 Km.	1.800 Km.
	0.500 Km.	0.700 Km.
	Nil	Nil
	Nil	- Nil
		Nil
		4No.(4N0 Causeways incl.)
		inter (into Cadseways men)
	Nil	Nil
	N.A.	N.A.
4	Nil	Nil
ascends and		
	1400-1550Mts	1400 15500 (+-
escends		1400-1550Mts. 01 &01
ges	Nil	Nil
	earth & medium hard homogeneous d and minimum ascends and escends ges Assistant F	earth & 2.500 Km. medium 1.000 Km. 1.000 Km. 1.000 Km. 1.000 Km. Nil Nil Nil Nil 2No.(2N0 Causeways incl.) Nil N.A. Nil d and minimum ascends and 1400-1550Mts. 01 & 01

## Add- Attachment-2-4

Point of Topography of the Road	Alignment	Alignment
(a) Right of way bringing out construction		n an
on account of built up area, mountains and		
other structure.	Total Mountain Area	Total Mountain Area
(b)Approximate area and value.		
(i) Cultivated land	3.000 Km.	3.000 Km.
(ii) irrigated	Nil	Nil
(iii) Unirrigated	1.000 Km.	1.500 Km.
		1.500 Km.
(a) Existing means of inter		
communications, sub path, Geep,track etc.		
	Bridle path, Mule track	Bridle path, Mule track
(b) Relation of proposed alignment		
with exiting, under construction	This alignment connect to	This alignment connect to
	Km25.0 of Nathuwakhan-Suyalbadi motor	Km25.0 of Nathuwakhan-Suyalbac
	Road And Curunt Name From Km.67.0 of	motor Road And Curunt Name From
road.	SH-62 motor Road	Km.67.0 of SH-62 motor Road
(a) Availability of road construction	Stone will be available	Stone will be available
material.	from hill side cutting	from hill side cutting
(b) Location of quarries	Betalghat	Betalghat
(c) Average lead	(a)1.000Km(b)46.00Km.	(a)2.500Km(b)45.00Km.
(a) Facilities/resources		(a)2.3001(m(b)43.001(m.
(i) Landing ground	Nil	Nil
(ii) Dropping zones	Nil	Nil
(iii) Food stuffs	Local food grain available	
(iv) Labour (locally available or	As per contract basis	Local food grain available
need of import)	(Locals & Napalis)	As per contract basis
(v) Construction material -timber	Stone & sand locally	(Locals & Napalis)
bamboos, stone etc.		Stone & sand locally
	available, grit from Betalghat	available, grit from Betalghat
Access points: Indication possibilities	&Lalkuon quarry.	&Lalkuon quarty.
of inductions of equipment	Betalghat	Betalghat
Climatic condition	Motor road.	Motor road.
(a) Temperature Maximum and		
minimum	Max.(30°), Min.(2°)	Max.(30°), Min.(2°)
(b) Rain fall dates wind direction		Max.(50 ),Min.(2 )
velocity	June - September	June - September
(c)Exposed of sun	6 to 7 hour during	
	clear weather	6 to 7 hour during
		clear weather
(d)Drainage characteristic of area,	North-West	North-West
indicating susceptibility of drainage	Minor damages may occur	Minor damages may occur
	during the rainy season.	during the rainy season.
Length of land slides	Nil	Nil
Length of unstable area	50 M	50 M
Length of heavy clearing	Nil	Nil
Length of marshy or flodded area		

Junior. Engineer

Assistant Engineer

तांचतानी वनियाता तिमाने हण्ड, दिने त विशात देविशान

कोगास्त्र कीम डिंग्ये

ाणपक आधियन्ता विम्रांष खण्ड लोठनिठविमाग वेमीताल

Add. Altachment - 2.4

Point of Topography of the Road	Alignment	Alignment
a) Important villages, towns, market	Betalghat	Betalghat
a) Important vinages, tovins, market		
b) Length of portion with loose		
b) Length of portion with rocks villages following with		
Tocks Villages Tollo Tollo	50 Mtrs	50Mtrs.
(i) 1st Km. Of the alignment	Nil	Nil
The to Sin KILOI alignment	Two year	Two year
(ii) Isl required for construction	Grass and bushes,	Grass and bushes,
Vegetation	Chir wood trees.	Chir wood trees.
	Nil	Nil
Political aspects		Crops, vegetable & Fruit etc
otrategic conditions	Crops, vegetable & Fruit etc	Crops, vegotable a man ett
Feanomic and Industrial		Ann 180 Total Population
(I) Population secured by	, App.200 Total Population	App.180 Total Population
the alignment		
Recreational potential and		Yes
development of tourism	Yes	
Scope of agriculture of horticulture	Road construction will encourage	development of Tourism porticulture &
Development	development of Tourism, horticulture &	actionation in the second seco
	agriculture. Locally produced fruits & vegetables will reach to the market	agriculture. Locally produced name -
	vegetables will reach to the market easely.Less Distance to Thesil & Distt	escale Loss Distance to Thesil & Dist
		Head quarter.
	Head quarter.	
	Nil	Nil
Exploitation of forest wealth	1111	
Aspects of development of minor	Nil	Nil
and major hydroelectric projects	207.20 Lac.	233.10 Lac.
Approximate cost of construction	207.20 Lac.	
		And a particular statement the second stratement of the second statement of the second statement of the land st
	1 Development of area connects all	1 Development of area, connects a
(a) Merits	1.Development of area, connects all	1.Development of area, connects a nearby villages of above 250 populatio
(a) Merits	nearby villages of above 250 population	nearby villages of above 250 populatio
(a) Merits	nearby villages of above 250 population in total.	nearby villages of above 250 population in total.
(a) Merits	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis
(a) Merits	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter	nearby villages of above 250 populatio in total. 2.Shortest route to Thesil & Dis Headquarter
	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some
(a) Merits (b) Demerits	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter
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	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property, & vegetation.	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation.
(b) Demerits	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property, & vegetation.	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation.
(b) Demerits As other useful information, other	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for the villages to connect Thesil & Distt hea
(b) Demerits As other useful information, other important project etc. being area	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property, & vegetation.	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation.
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(b) Demerits As other useful information, other important project etc. being area required completion of the work	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property , & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head quarter,	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for thes villages to connect Thesil & Distt hea quarter, In consideration of all the above aspect
(b) Demerits As other useful information, other important project etc. being area required completion of the work Recommendation of the Executive	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property , & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head quarter, In consideration of all the above aspects of the work. Alignment -1 shown in rec	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for thes villages to connect Thesil & Distt hea quarter, In consideration of all the above aspect of the work, Alignment-2 shown
(b) Demerits As other useful information, other important project etc. being area required completion of the work	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property , & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head quarter, In consideration of all the above aspects of the work. Alignment -1 shown in rec	nearby villages of above 250 populato in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for thes villages to connect Thesil & Distt hea quarter, In consideration of all the above aspect of the work, Alignment-2 shown Blue color seems to be not suitable ar
(b) Demerits As other useful information, other important project etc. being area required completion of the work Recommendation of the Executive	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head quarter, In consideration of all the above aspects of the work, Alignment -1 shown in rec color seems to be most suitable and is	nearby villages of above 250 populato in total. 2.Shortest route to Thesil & Dis Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for thes villages to connect Thesil & Distt hea quarter, In consideration of all the above aspect of the work, Alignment-2 shown Blue color seems to be not suitable ar
(b) Demerits As other useful information, other important project etc. being area required completion of the work Recommendation of the Executive Engineer.	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Distt Headquarter During construction damage some property , & vegetation. This M/R will be shortest route for these villages to connect Thesil & Distt head quarter, In consideration of all the above aspects of the work. Alignment -1 shown in rec	nearby villages of above 250 population in total. 2.Shortest route to Thesil & Dist Headquarter During construction damage some property, & vegetation. This M/R will be shortest route for thes villages to connect Thesil & Distt hea quarter, In consideration of all the above aspect of the work, Alignment-2 shown i
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Junior Engineer

Assistant Engineer

वाचितासी अभियत्ता विद्यार 2005, क्षेट्रिंट विभाग नेधीताल.

कारी प्रति प्रभागित

्राजयक आमियन्ता निर्माण खण्ड लोठनिठविषाग नैगीताल