

कार्यालय प्रमुख अभियन्ता  
लोक निर्माण विभाग, उत्तराखण्ड,  
देहरादून।

पत्रांक:- 483/1 प्रकीर्ण वर्ग-उ0/13

दिनांक:- 16/05/2013

कार्यालय ज्ञाप

वर्तमान में उत्तराखण्ड राज्य के लोक निर्माण विभाग में मार्गों के नव निर्माण, पुनः निर्माण एवं सेतु निर्माण हेतु मानक दरें इस कार्यालय के पत्रांक 380/प्रकीर्ण वर्ग/2010 दिनांक 19.05.2010 द्वारा निर्धारित की गयी थी। वर्तमान में सामग्री श्रमिकों एवं ढुलान की दरों में वृद्धि होने के फलस्वरूप मुख्य अभियन्ता नियोजन की संस्तुति एवं बैठकों में की गयी वार्ता के आधार पर संलग्न पृष्ठों के अनुसार पहाड़ी मार्गों के नव निर्माण, मैदानी मार्गों के पुनः निर्माण एवं सुधारीकरण तथा 1.80 मी० चौड़े पैदल मार्ग की प्रथम एवं द्वितीय चरण हेतु प्रति कि०मी० मानक दरें निर्धारित की जाती है।

यह दरें मात्र प्रारम्भिक आगणन गठित करने हेतु प्रयोग की जायेगी एवं दिनांक 16/5/13 से प्रभावी होंगी।

(ललित मोहन)  
प्रमुख अभियन्ता  
लोक निर्माण विभाग देहरादून।

प्रतिलिपि निम्नलिखित को संलग्नकों सहित सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।

- 1-प्रमुख सचिव, वित्त उत्तराखण्ड शासन।
  - 2-प्रमुख सचिव, लोक निर्माण विभाग उत्तराखण्ड शासन।
  - 3-अपर सचिव, लोक निर्माण विभाग उत्तराखण्ड शासन।
  - 4-आयुक्त गढ़वाल मण्डल/कुमायूं मण्डल, पौड़ी/नैनीताल।
  - 5-स्टाफ आफिसर, मुख्य सचिव, उत्तराखण्ड को मुख्य सचिव महोदय के संज्ञान हेतु।
  - 6-प्रबन्ध निदेशक, गढ़वाल मण्डल विकास निगम, देहरादून।
  - 7-प्रबन्ध निदेशक, कुमायूं मण्डल विकास निगम, नैनीताल।
  - 8-मुख्य अभियन्ता एवं विभागाध्यक्ष सिंचाई विभाग, यमुना कालोनी, देहरादून।
  - 9-मुख्य अभियन्ता ग्रामीण अभियन्त्रण सेवा, देहरादून।
  - 10-मुख्य अभियन्ता गढ़वाल/कुमायूं क्षेत्र/पी०एम०जी०एस०वाई० लो०नि०वि०, पौड़ी/अल्मोड़ा/देहरादून।
  - 11-मुख्य अभियन्ता सिंचाई विभाग, यमुना कालोनी, देहरादून।
  - 12-महाप्रबन्धक, उत्तराखण्ड पेयजल संसाधन विकास एवं निर्माण निगम, 11 मोहिनी रोड देहरादून।
  - 13-समस्त अधीक्षण अभियन्ता, सिविल एवं वि०या० लोक निर्माण विभाग उत्तराखण्ड। अधीक्षण अभियन्ता अपने स्तर से अधिशासी अभियन्ताओं को उपलब्ध कराना सुनिश्चित करें।
  - 14-टी०ए०सी० वित्त विभाग, उत्तराखण्ड शासन।
  - 15-वरिष्ठ स्टाफ आफिसर I,II/अधिशासी अभियन्ता I,II,III,IV,V,VI कार्यालय मुख्य अभियन्ता स्तर-I, लो०नि०वि० देहरादून।
  - 16-कनिष्ठ अभियन्ता (प्रा०), कार्यालय विभागाध्यक्ष, लोक निर्माण विभाग, देहरादून।
- संलग्न- नौ पृष्ठ।

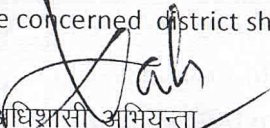
प्रमुख अभियन्ता  
लोक निर्माण विभाग देहरादून।

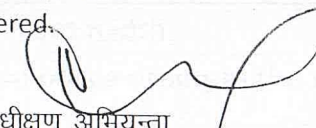
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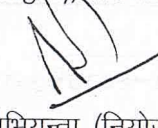
# Standard Unit Rates for Improvement and Reconstruction of Roads (Stage 1)

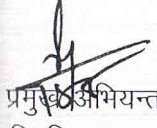
S.NO.	ITEM	Reconstruction and Improvement of 5.95 m wide M/R	Converting 4.25 m wide LVR to 5.95 m wide M/R
1	Survey Work.	0.075	0.075
2	Edge demarcation, for forest land acquisition.	—	0.05
3	Geological investigation, soil testing and other tests required to finalize specifications and provisions.	0.05	0.06
4	Preparation of DPR in 6 copies.	0.04	0.04
	<b>TOTAL</b>	0.165	0.225
	Contingency @3%	0.005	0.007
	<b>TOTAL</b>	0.17	0.232 -
5	NPV for forest land .	—	0.90
6	Compensatory afforestation.	—	0.25
7	Utility Shifting.	—	0.05
	<b>GRAND TOTAL</b>	0.17	1.43
	Say		1.45

**NOTE :** For acquisition of private /naap land (considered to be 40% of the total length), the circle rates approved by the District Magistrate of the concerned district shall be considered.

  
अधिशासी अभियन्ता  
कार्यालय प्रमुख अभियन्ता

  
अधीक्षण अभियन्ता  
नवम् वृत्त लो0नि0वि0 देहरादून

  
मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

  
प्रमुख अभियन्ता  
लो0नि0वि0, उत्तराखण्ड  
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### Standard Unit Rates for Improvement and Reconstruction of Roads (Stage 2)

S.NO.	ITEM	Reconstruction and Improvement of 5.95 m wide M/R	Converting 4.25 m wide LVR to 5.95 m wide M/R
1	Survey work, construction of job pillars, level pillars, back cutting line/pillars etc.	0.02	0.075
2	Widening of the road and improvement of curves.	2.00	6.00
3	Providing super elevation and improvement of the gradient, including construction of coolie walls.	0.50	0.40
4	Providing soling coat with 45-90 mm stone aggregate in patch work and compacted to a thickness of 12.00 cms.	0.90	5.50
5	Patri filling including construction of coolie walls after soling coat.	0.08	0.40
6	Providing inter coat with 45-63 mm stone aggregate in 3.75 m width compacted to a thickness of 10 cms.	4.50	4.50
7	Patri filling including construction of coolie walls after intercoat.	0.35	0.35
8	Providing top coat with 22.4-53 mm stone aggregate in 3.75 m width compacted to a thickness of 8 cms.	3.50	3.50
9	Patri filling including construction of coolie walls after top coat.	0.30	0.30
10	Providing 2cm thick PC in 3.75m width.	9.00	9.00
11	Construction of kuchcha and pucca drains in the whole length ( Pucca-100 m and Kuchcha-900 m)	1.00	1.00
12	Breast walls/Retaining walls.	2.00	4.00
13	Widening of scuppers	—	1.75
14	Construction of parapets on outer curves and scuppers / crash barriers.	2.50	2.50
15	Compensation for damages caused to buildings/ crops.	—	1.50
16	Miscellaneous items such as edge stones, view points, water points etc.	0.30	0.30
17	Construction of temporary site office, godowns, labour camps etc.	0.20	0.20
	<b>TOTAL</b>	27.15	41.275
			Contd...2

S.NO.	ITEM	Reconstruction and Improvement of 5.95 m wide M/R	Converting 4.25 m wide LVR to 5.95 m wide M/R
	2		
	3 % for Contingency + 1% for Quality Control ( Total 4%)	1.086	1.651
	<b>TOTAL</b>	28.236	42.926
	Road side plantation	-	1.00
	<b>GRAND TOTAL</b>	28.236	43.926
	<b>Say</b>	<b>28.25</b>	<b>43.90</b>

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नवम् वृत्त लो0नि0वि0 देहरादून

मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

प्रमुख अभियन्ता  
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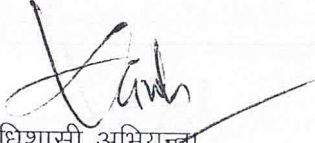
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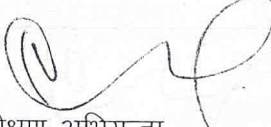


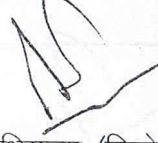
## Standard Unit Rates for Construction of 1.8 m wide Bridle Roads (Stage 1)

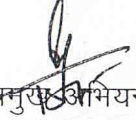
S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Survey work including preliminary and detailed survey.	0.08
2	Construction of level pillars.	0.10
3	Edge demarcation in 3m width, for forest land acquisition.	0.10
	<b>Design and Drawing:</b>	
4	Preparation of L-Section, plan and cross section.	0.08
5	Soil testing, Geological survey etc.	0.015
6	Preparation of DPR in 6 copies.	0.04
	<b>TOTAL</b>	0.415
	Contingency @3%	0.012
	<b>TOTAL</b>	0.427
7	NPV for forest land (considered to be 60% of the total length) @ Rs. 7.5 Lakh per km for 3.00 m width.	1.30
8	Compensatory afforestation.	0.35
9	Utility shifting.	0.03
	<b>GRAND TOTAL</b>	2.107
	<b>Say</b>	<b>2.10</b>

**NOTE :** For acquisition of private /naap land (considered to be 40% of the total length in 3m width), the circle rates approved by the District Magistrate of the concerned district shall be considered.

  
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कार्यालय प्रमुख अभियन्ता

  
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नवम् वृत्त लो0नि0वि0 देहरादून

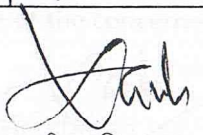
  
मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

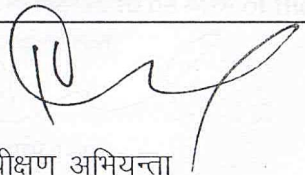
  
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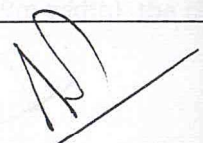


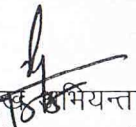
## Standard Unit Rates for Construction of 1.8 m wide Bridle Roads (Stage 2)

S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Plotting/fixing at site, the alignment as finalized in stage 1.	0.05
2	Construction of back cutting line/pillars and job pillars.	0.12
3	Compensation for damage to crops, land and existing buildings etc.	0.85
4	Hill side cutting/ filling for road construction.	3.00
5	Construction of retaining walls and breast walls.	1.50
6	Construction of scuppers and RCC culverts (of minimum 1 m span) along with catchpit.	1.00
7	Construction of minor bridges and causeways.	0.60
8	Construction of kuchcha drain (in about 900m length) and pucca drain (in about 100 m length).	0.30
9	Construction of kilometre stones, hectometre stones, edgestones and fixing of signboards etc.	0.15
10	Construction of parapets on outer curves and scuppers.	0.50
11	Laying stone kharanja in 50% length of the road.	2.50
12	Construction of temporary site office, rest house and labour camps.	0.15
13	Maintenance of the road, during construction.	0.15
	<b>TOTAL</b>	<b>10.87</b>
	3 % for Contingency + 1% for Quality Control ( Total 4%)	0.435
	<b>GRAND TOTAL</b>	<b>11.30</b>

  
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नवम् वृत्त लो०नि०वि० देहरादून

  
मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

  
प्रमुख अभियन्ता  
लो०नि०वि०, उत्तराखण्ड  
13/3/13



### Standard Unit Rates for New Construction of Hill Roads (Stage 1)

S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Survey work including preliminary and detailed survey.	0.10
2	Construction of 0.60 m wide trace cut.	0.25
3	Construction of level pillars.	0.10
4	Edge demarcation in 9 m width, for forest land acquisition.	0.10
	<b>Design and Drawing:</b>	
5	Preparation of L-Section, plan and cross-section.	0.10
6	Soil testing, Geological survey etc.	0.02
7	Preparation of DPR in 6 copies.	0.04
	<b>TOTAL</b>	0.71
	Contingency @3%	0.02
	<b>TOTAL</b>	0.73
8	NPV for forest land (considered to be 60% of the total length) @ Rs. 7.5 Lakh per km for 9.00 m width.	4.00
9	Compensatory afforestation.	1.00
10	Utility shifting.	0.10
	<b>GRAND TOTAL</b>	5.83
	<b>Say</b>	<b>5.85</b>

**NOTE :** For acquisition of private /naap land (considered to be 40% of the total length in 9m width), the circle rates approved by the District Magistrate of the concerned district shall be considered.

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नवम् वृत्त लो०नि०वि० देहरादून

मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

प्रमुख अभियन्ता  
लो०नि०वि०, उत्तराखण्ड

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### Standard Unit Rates for New Construction of Hill Roads (Stage 2)

S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Plotting cutting line at site, according to the alignment finalized in stage 1.	0.05
2	Construction of back cutting line/pillars and job pillars.	0.12
3	Compensation for damage to crops, land and existing buildings during construction.	2.00
4	Hill side cutting/ filling for road construction.	15.00
5	Construction of retaining walls and breast walls.	4.50
6	Construction of scuppers and RCC culverts (of minimum 1 m span) along with catchpit.	4.90
7	Construction of minor bridges and causeways.	2.00
8	Construction of kuchcha drain (in about 900m length) and pucca drain (in about 100 m length).	1.25
9	Construction of kilometre stones, hectometre stones, edgestones and fixing of signboards etc.	0.45
10	Construction of parapets on outer curves and scuppers.	2.50
11	Improvement of gradient and providing superelevation including construction of coolie wall.	0.45
12	Soling coat (with 45 – 90 mm stone aggregate) compacted to a thickness of 12 cm and to be provided in the whole length.	4.50
13	Construction of temporary site office, rest house and labour camps.	0.30
14	Maintenance of the road, during construction.	1.00
	<b>TOTAL</b>	39.02
	3 % for Contingency + 1% for Quality Control ( Total 4%)	1.56
	<b>TOTAL</b>	40.58
15	Disposal of debris after hill side cutting (As per the disposal plan of the forest department)	5.00
16	Road side plantation.	1.00
	<b>GRAND TOTAL</b>	46.58
	<b>Say</b>	<b>46.60</b>

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अधीक्षण अभियन्ता  
नवम् वृत्त लो०नि०वि० देहरादून

मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

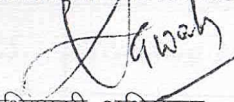
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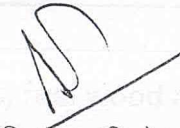
### Standard Unit Rates for Construction of Motor Roads in Plain Areas (Stage 1)


S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Survey work including preliminary and detailed survey.	0.10
2	Construction of level pillars.	0.10
	<b>Design and Drawing:</b>	
3	Preparation of L-Section, plan, and cross section.	0.10
4	Soil testing etc.	0.05
5	Preparation of DPR in 6 copies.	0.04
	<b>TOTAL</b>	0.39
	Contingency @3%	0.01
	<b>TOTAL</b>	0.40
6	Utility shifting.	1.50
	<b>GRAND TOTAL</b>	<b>1.90</b>

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अधीक्षण अभियन्ता  
नवम् वृत्त लो0नि0वि0 देहरादून

  
मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

  
प्रमुख अभियन्ता  
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### Standard Unit Rates for Construction of Motor Roads in Plain Areas (Stage 2)

S.NO.	ITEM	PER KM RATE (In Lakh Rs.)
1	Plotting/fixing at site, the alignment as finalized in stage 1.	0.05
2	Earth Filling for construction of 7.50 m wide roadway, including compaction by mechanical means and providing proper slope on both sides of the roadway.	5.00
3	Construction of R.C.C culvert/ hume pipe culvert .	3.00
4	R.B.M. filling for drainage layer ( 15 cm compacted thickness) in full width.	5.00
5	Soling coat in 4.05 m width (with 45 – 90 mm gauge stone ballast ) compacted to a thickness of 12 cm.	5.50
6	Patri filling after soling coat.	0.40
7	Providing inter coat with 45–63 mm gauge stone ballast in 3.75 m width compacted to a thickness of 10 cms.	4.50
8	Patri filling after intercoat.	0.35
9	Providing top coat with 22.4-53 mm gauge stone ballast in 3.75 m width compacted to a thickness of 8 cms including roller charges.	3.50
10	Patri filling after top coat.	0.30
11	Providing 2cm thick PC in 3.75 m width ( including roller charges, fuel wood and other materials).	8.00
12	Brick edging on both sides of the road with M-100 quality bricks.	0.50
13	Construction of kuchcha and pucca drain.	1.00
14	Miscellaneous items such as edge stones, KM stones, hectometer stones, sign boards etc.,	0.45
	<b>TOTAL</b>	37.55
	3 % contingency + 1 % for Quality Control Tests, Total 4 %	1.50
	<b>GRAND TOTAL</b>	39.05
	<b>Say</b>	<b>39.00</b>

अधिशाली अभियन्ता  
कार्यालय प्रमुख अभियन्ता

अधीक्षण अभियन्ता  
नवम् वृत्त लो०नि०वि० देहरादून

मुख्य अभियन्ता (नियोजन)  
कार्यालय प्रमुख अभियन्ता

प्रमुख अभियन्ता  
लो०नि०वि०, उत्तराखण्ड  
13/5/13