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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2802	Press Mis.
634-638	
Dated 30 - 8 -	1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
30th August 1864.*

No. 634. Read the following letter from Lieutenant-Colonel E. HEMERY, R. E., Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Cuddapah, 9th August 1864, No. 80 :—

SIR,

4 Letters.
1 Statement.
4 Traffic Returns.
1 Extract Minute of Consultation.
1 Plan.

1. With reference to Order of Government No. 1,499, dated 23rd May 1864, I have the honor to report that the annual maintenance allowances for the roads in this Division, alluded

to by the Quarter Master General in his letter No. 4,527, dated 4th April last, are utterly inadequate, and that unless the allowances are increased, this Department cannot be expected to keep the roads in good order, or to be in any way held responsible for their condition.

2. The road from Bangalore to Kurnool passes through Pennakondah, Anantapur and Gooty. In the Bellary District the sum of Rupees 10,700* is allowed at the rate of 100 Rupees per mile for this road, viz., Rupees 10,000 for the portion between the Mysore frontier and Gooty, and Rupees 700 for the continuation from Gooty to the Kurnool frontier.

* 10th February 1855, Imperial Budget, page 56.

Imperial Budget, page 53.

3. In the Kurnool District, there is an annual maintenance allowance of Rupees 5,500 for the 55 miles of road between the Bellary frontier and Kurnool.

4. From a return taken last November, it appears that the traffic on this road averages 702 carts daily, and according to the scale laid down in page 480, Grant's Circular Order Book, the allowance for annual repairs should be Rupees 353 per mile, whereas it is only Rupees 100; an immediate increase of Rupees 50 per mile is absolutely necessary, if the road is to be kept in good condition.

5. From Bellary to Secunderabad, the road within the limits of the Bellary District, a distance of 75 miles, is provided with an annual maintenance allowance of Rupees 7,500, but as the road has never been metalled, the allowance is utterly insufficient and should be increased to Rupees 150 per mile.

Imperial Budget, page 55.

6. Of the road from Bellary to Kurnool, the portion between Bellary and Allur is included in the road to Secunderabad above alluded to; from Allur to the Kurnool frontier at Asperi, a distance of 20 miles, the road is maintained by an annual grant of Rupees 100 per mile, as also the portion from the frontier to Kurnool, a distance of 55 miles.

7. The traffic on this road exceeds 200 carts daily, and the present allowance being insufficient should be increased to Rupees 150 per mile.

8. Government in Order No. 614, dated 29th September 1855, sanctioned a grant of Rupees 10,000 for one year for the roads from Herryhall through Bellary to Ramandrug, Hospett and Hampasangar. On the 30th October 1857, the District Engineer, in a letter (herewith enclosed) to the Chief Engineer Public Works Department, pointed out that the length of these roads was 106 miles, and that the allowance ought to be increased to Rupees 17,384 or to Rupees 164 per mile.

9. In Order No. 2,249, dated 3rd December 1857, Government expressed their inability to sanction the increase applied for, and this annual allowance, which in 1857 was declared inadequate, is still continued in 1864, although rates have doubled, and although traffic has increased in a greater proportion.

10. A traffic return taken on this road in December 1863, shows an average daily number of 1,325 carts between Bellary and Herryhall on the road from Bangalore; and 955 carts on the road from Bellary by Hampasangar towards Dharwar.

No. 2249.

Extract from the Minutes of Consultation under date the 3^d Decem^r 1857.

Read the following letter from the Chief Engineer.

Forwarded letter from the District Engineer of Bellary
No. 269 dated 30 October 1857, describing the insufficiency of Rs. 10,000 for the maintenance of the 100 miles of road from the dry core from the Ammapuram or via Bellary and Pampore with its branch through Ramnagar. (Here enters 19 Novem^r 1857. No. 5321.)

The Right Honorable the Governor in Council is enabled under the existing financial restrictions, to sanction the increased application in the above letter, to the maintenance allowance for the Ammapuram, Pampore, and Ramnagar roads, in the Bellary District, but authorizes the continuance of the grant of Rs. 10,000 for these roads, which was sanctioned for the term of one year on the 11th Decem^r 1855. No. 614.

2. The Chief Engineer, it is observed, refers to two allowances of Rs. 7,000 and Rs. 2,400, but in disregard of the repeated orders of Government, omits to quote the date of sanction for the grants, nor has it been practicable to trace the same in the records of this Office.

(Also Extract)

(Signed) H. Forbes.

Secy to the Government.

No. 5828.

Resolved to forward Copy of the foregoing Extract Minutes of Consultation No. 2249 of 3^d Decem^r 1857 for the information of the District Engineer of Bellary.

By Order

John Smith George

10 Decem^r 1857

to the Dist. Eng^r of Bellary.

(Signed) C. Fort & Co.

Atty^y Eng^r H. Forbes

To, *No 269.*
The Chief Engineer
In the D.P.W.

Sir,

I have the honor to forward the Estimate called for in Extract from your Proceedings *No 3835* dated *21st September 1857* together with Enclosure *3* per traffic return and a letter from Mr. Supervisor Porter.

2. Last year I had shewn the bad state of this road in places from Bellary to Kumbhall & near Hosapetti, in both parts the road passes over black cotton soil & apparently this stuff has been used in making the road and a coating of gravel added. I particularly pointed this out to Captain Balington and requested him to make what improvements he could with the maintenance allowance he had, but this remedy not being sufficient I directed Mr. Porter to make out a fresh Estimate amounting to *Rs. 1400* and submitted the same to you in my ordinary List for the month of April 1857, this has not yet been sanctioned.

3. Lieut. Drever repeatedly asked me to apply for increased maintenance allowance, I directed that officer to be good enough to execute a mile or two of road work covering it with 6 inches of broken stone and the same depth of gravel furnishing a statement showing the cost; this he failed to do, repeating his application for increased maintenance allowance however in his General observations for the month of August 1857.

4. Captain Walker estimated the distance from Kumbhall to Bellary, Ramandray & Hamparagur at 100 miles, according to Mr. Porter the distance is 106 miles thus making him *Rs. 600* short in his road maintenance allowance; his present allowance being *Rs. 7,600*, whereas according to distance it should be *Rs. 8200* and to this

the

Del. 26/9/57

*Copy of Extract enclosed
to Mr. Balington & Mr. Porter
on 26/9/57*

and the badly constructed portions of the road I have noted I feel inclined to attribute partly the deficiency that has been felt.

5. Captain Walker calculated the expense of road maintenance at Rs 8.5-4 per mile & directed it to be employed as follows.

2 Coolies	@ 3-2-6-4-4
Superintendence	1-0-0
Repairs of Tools &c	1-1-4
<u>Total Rs 8.5-4</u>	

6. Carts are seldom or ever used on the roads in Bellary, I cannot therefore give the first item called for in your proceedings accurately: the usual charge for broken stone is one anna cubic yard delivered on the road & the same for Gravel, at this rate supposing the road to be covered 4 yards wide with broken stone on an average 4 inches thick and a coating of Gravel put on this 6 yards wide & 3 inches thick. I calculate the cost of maintenance then as below

800 C. Yards of Broken Stone @ 1-4-92	50-00
800 do of Gravel at the same Rate	55-00
Superintendence	27-00
Earthwork	20-00
Repairs of Tools &c	12-00
<u>Total Rs 164-00</u>	

7. The three last items I have taken as directed to do in your proceedings they are very different from what we are now working upon & I think much more likely to give satisfactory results being the rates fixed by the late Superintendent of Roads: the road maintenance allowance for this road at the above rates will then be increased as below.

106 miles of Road from Marshall to Bellary	
Remaining Allowance for @ Rs 164 3/4 mile	17384-00
Present Maintenance Allowance	11,000-00
Increase Rs	<u>7384-00</u>

8. With reference to the famine roads, I do not consider the present maintenance allowance at all sufficient: it will be seen from para 5 of this letter how badly off we are according to the rates given in your proceedings, the coolies are employed in looking after trees, keeping the side channels open & filling in any ruts &c but they have never done any metalling; the superintendence allowance is very small & I think should be increased to Rs 27-00 a mile per annum.

I have &c &c

Camp Pengandah
30th October 1857

Signed J. F. Fischer Lieut
District Engineer of Bellary

(True Copy)

Mr. H. Gibson Capt R.E.
Ex. Engineer 1st Class

Statement showing the Roads in the 3^d Division
for the maintenance of which the present allowances are inadequate.

Road	Length in miles	Present annual maintenance allowance.	Extra grant required during the current financial year.	Proposed future annual maintenance allowance.	Remarks
to Bangalore Frontier	100	10,000	5,000	15,000	At the rate of Rs. 150 per mile
to Karnool Frontier	7	700	350	1,050	Do
to Bellary Frontier	55	5,500	2,750	8,250	Do
Bellary to Madaveram	75	7,500	3,750	11,250	Do
Bellary to Asperi	20	2,000	1,000	3,000	Do
Asperi to Karnool	55	5,500	2,750	8,250	Do
Bellary to Kuryhall	15	1,500	1,500	3,000	At the rate of Rs. 200 per mile
Bellary to Ramandrug Asperi and Kumpasigar	91	8,500	9,100	18,200	Do
Land Revenue Roads at Bellary		2,330	2,330	4,660	Do
Bellary to the Buddapah Frontier	94	9,900		14,100	At the rate of Rs. 150 per mile
Buddapah to Soladarsy	52	4,675		5,200	At the rate of Rs. 100 per mile

Supdy. Engineer's Office
Buddapah
9th August 1864.

Deputy
Supt. Engrs.
3^d Division.

Copy of this report
to be sent to the
Commissioner of the
District, Bellary
in the month of
September 1864.

C. W. 1864/1865

28/19/64

Engineer
Division

Government

P.D.

August 1864.

showing

to 3rd Division

Finance D.

rent at

adequate

1/20

Under Secy to
Ld. Secy to Govt.
9 August 1864.

From

Lt. Col. E. H. Munnery R.E.
Supergr Engineer

The Secretary to Government
P.H.D.

Sir,

With reference to Order of Government of 11th
dated 23rd May 1864, I have the honor to report that
the annual maintenance allowances for the roads in
this Division, allotted to by the Quarter Master Genl.
in his letter No. 539 dated 11th April last, are
utterly inadequate, and that unless the allowances
are increased, this Department cannot be expected to
keep the roads in good order, or to be in any way
responsible for their condition.

1. The road from Bangalore to Channarayana
through Rama Sankata, Channarayana and Coorg,
in the Bellary District, the sum of Rs 10,000 is al-
located at the rate of 100 Rs per mile for this road,
namely Rs 10,000 for the portion between the Mysore
Frontier and Coorg and Rs 200 for the continuation
from Coorg to the Ramnath Frontier.

2. In the Ramnath District, there is an annual main-
tenance allowance of Rs 5,000 for the 50 miles of
road between the Bellary Frontier and Ramnath.

3. From a return taken last November, it appears
that the traffic on this road averages 702 carts daily
and according to the scale laid down in Page 480
Grant's Circular Order No. 10, the allowance for an-
nual repairs should be Rs 853 per mile, whereas it
is only Rs 100; an immediate increase of Rs 50 per
mile is absolutely necessary, if the road is to be kept
in good condition.

4. From Bellary to Srirangapatna, a bad road within
the limits of the Bellary District, a distance of 75 miles.

10 February 1865.
Imperial Budget
Page 56.

Imperial Budget
Page 53.

is provided with an annual maintenance allowance of Rs 7,500, but as the road has never been metalled, Imperial Budget
May 1855.
the allowance is utterly insufficient. It should be increased to Rs 150 per mile.

6. Of the road from Bellary to Harnut, the portion between Bellary and Harnut is included in the road to Srirangapatna above alluded to, from Harnut to the Harnut Station at Harnut, a distance of 20 miles, the road is maintained by an annual grant of Rs 105 per mile under the portion from the Harnut to Harnut, a distance of 55 miles.

7. The traffic on this road exceeds 200 carts daily, and the present allowance being insufficient, should be increased to Rs 150 per mile.

8. Government, in Order No 114 dated 29 September 1855, sanctioned a grant of Rs 10,000 for one year for the roads from Harnut through Bellary to Harnut, Harnut and Harnut. On the 30 October 1855, the District Engineer, in a letter herewith enclosed, to the Chief Engineer, P. W. Department, stated that the length of these roads was 106 miles, and that the allowance ought to be increased to Rs 1,384 or to Rs 16 per mile.

9. In Order No 224 dated 3 December 1854, Government expressed their inability to sanction the increase applied for, and this annual allowance, which in 1854 was declared inadequate, is still continued in 1864, although rates have doubled, and although traffic has increased in a greater proportion.

10. A traffic return taken on this road, in December 1863, shows an average daily number of 1325 carts between Bellary and Harnut on the road from Bangalore, and 955 carts on the road from Bellary by Harnut towards Harnut.

11. The allowance for this road should be increased to Rs 21,200, at the rate of Rs 200 per mile, without which it is not fair to hold this Department responsible for its condition.

12. To keep a road in good order

being a high average of 1000 carts per day, and an annual total of Rs 10 per mile is to be considered as insufficient.

13. In Order No 114 dated 29 September 1855, Government sanctioned an annual allowance of Rs 2,000 for the maintenance of the road from Bellary to Harnut. It is to be noted that in a letter herewith enclosed, dated 30 October 1855, the District Engineer stated that the road is now in a state of great increase in the cost of the road.

14. The road from Bellary to the Buddaiah Temple, a distance of 94 miles, is provided with a maintenance allowance amounting to Rs 9,000, which is Rs 95 and 56 of the Budget of 1864, 1865, in the same as follows.

Road from Bellary to the Buddaiah Temple, 94 miles at Rs 10 per mile, sanctioned in Order No 1105 dated 10 May 1857.

Sanctioned in Order No 1801 dated 22 September 1857. 2500
9900

15. This road will probably be completed within the current official year, and as the daily traffic on it often amounts to 1500 carts, chiefly carrying heavy loads of cotton, it is absolutely necessary that the maintenance allowance should be increased to Rs 12,000 or Rs 150 per mile, which is the sanctioned rate for the same road in the Buddaiah Temple.

16. It is to be noted that the distance from Anantapur to Saladara is 52 miles, and the sanctioned allowance for this road is Rs 5,200, which is the sanctioned rate for the same road in the Buddaiah Temple. It is to be noted that the distance from Anantapur to Saladara is 52 miles, and the sanctioned allowance for this road is Rs 5,200, which is the sanctioned rate for the same road in the Buddaiah Temple.

strongly prep on the notice of Government the
 more injury caused to loads in this (in the
 the "Dammie" or solid wheeled carts in use in
 part of the Presidency.

18. In Bellary these wheels consist of 20 in
 of board of
 board in 24
 and in for
 solid piece

19. These
 in the area
 are often g
 up with ma
 the injury.
 These three
 subsoil, per
 piers have
 traffic. a
 pap, has to
 since all
 suffered for

20. The
 maintain
 additional
 in order, in
 Budgets of
 limited.

21. The
 main lines

hundred way, owing to the growing prosperity of
 country; and it is evident that the grants for main-
 taining these roads in good order, which have been
 sufficient 7 years ago, are now utterly inadequate.
 if not increased, the roads will seriously deteriorate
 of which must not be a reproach to the P. W. D.

I have &
 Channay
 Sep. 29. Engineer 3^d

Pro. 29 Sept/55	No 33-34
" 22 "	157 - 91-91
" 3 Decr "	122 23.
" 10 May/57	108 109
" 12 Nov/57	199-200
" 24 Aug/57	197-198
" 23 May/57	522 523.

18th Sept 1864
 The Supt. Engineer
 3^d Division

In Secy of Government
 P. W. D.

780
 Dated 7th August 1864.
 No. 163

Enclos. 11

Reports the insufficiency
 of the maintenance allow-
 ance for certain roads in
 the Division and requests
 that it be increased accord-
 ing to enclosed Statement.

2502-30

2502-30th Aug/64

Sub Works Sept 19

No 2502
 Proceedings of the Madras Government
 Under date 1st 30th August 1864
 Read the following
 from the Superintending Engineer
 3^d Division -

Reports the insufficiency
 of the maintenance allowance for
 certain roads in the Division and
 requests that it be increased according
 to enclosed Statement.

(Here cited 9th August 1864
 No 80.)

The Gov. will
 sanction the in-
 creased maintenance
 grants applied
 for in the foregoing
 letter, being for roads
 to which H. & the
 Comd^r in Chief
 attaches much
 importance, as military
 communications.

The increases
 will take effect
 from the 1st May 1865.

Para 17:18 & 19 of
 the Supt. Engineer's
 letter will be referred

cart on the Ghat.
11. 21

to the Collectors of
Bellary, Chidambaram
& Kurnool, for their
opinions as to whether
the use of solid
wheeled carts on
muddy roads should
be prohibited or
as to what other
measures should
be taken to discourage
the use of such vehicles.

In 1855, an ex-
periment was made to
keep conveyances of
this description off the
Devamani Ghat road
in North Canara by im-
posing heavy tolls on
them under Act VIII of 1857.
The measure failed, how-
ever, and in July 1860, it
was found necessary
absolutely to prohibit
the use of solid wheeled

Minis. of Coms. PWD.
No. 273 of 16th Dec 1858.

Com. PWD No. 1471 of 10th
Aug 1860

The Supply Engineer & Dr.
The Commr. & Audr. P.W. Accounts
" Commr. & Audr. P.W. Accounts
" Accountant General
" Military Dept
" Collectors of Bellary,
Chidambaram & Kurnool -

With 4 Traffic Returns
" 3 Letters
H.H.
8

10th Sept 31st August.

(7)
P. 1864. Departo
Pro. of Govt for Aug

2552

Pro. of the Allroad
D/30 Aug/64

Pro. 411/64

CA 11459/64

Letter from the Sup^r
Engineer 3^d Divⁿ bringing to notice
the inadequacy of the annual
maintenance allowance to
certain roads of the Divⁿ

N^o 634. 635