M.R.O. 1—77,006—8-6-31.

(1) Number of pages 16

(2) Date of repair 24-6-1875

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Financial DEPARTMENT.

G.O. No. 1066. Press Mis.

215-216.

Dated 25-6-1874.

9/10

Not to be folded or roughly handled

Proceedings of the Madras Government, Financial Department,
25th June 1874.

No. 215. Read the following Proceedings of the Board of Revenue, dated 8th June 1874, No. 1385:—

Read again Board's Proceedings, dated 16th February 1874, No. 332.

Read also the following letter from Major J. O. HASTED, R.E., District Engineer of the Kistna District, to G. D. LEMAN, Esq., President of the Local Fund Boards, Kistna District, dated Masulipatam, 17th March 1874, No. 97:—

WITH reference to your letter, No. 386, dated 9th instant, I have the honour to inform you that I have made inquiries regarding a steam-roller, and have been favoured by the Inspecting Engineer for Ports and Communications with a description of one he has seen in work, and which has given satisfaction. This roller is a rather larger one than we should require, its weight being 18 tons; it rolls from 6½ to 7 feet; it can be used as a traction-engine with a speed of three to four miles an hour, and can be used as a stationary engine geared with a stone-breaker or other machine. The cost in England would probably now be £600; the makers are Ancling and Porter, Rochester, Kent.

2. As regards the agency available to utilize it, we have attached to the workshop several men experienced in driving steam-engines, who would be capable of working the roller. All repairs can be executed at the workshop, with the exception of cast-iron fittings, which can be procured from Dowlaishweram or Madras, and firewood is procurable at a reasonable rate at Bezwada, and also from parts of Sattenapalli and Narsarowpett Taluqs. I believe that a steam-roller would be very useful on the great northern road, Guntoor Circle, and that no difficulty would be experienced in working it.

No. 563.

SUBMITTED to the Revenue Board with reference to paragraph 5 of their Proceedings, No. 332, dated 16th February 1874.

MASULIPATAM,
8th April 1874.

(Signed) K. RAMA RAU,
Deputy-Collector,
For President.

THE proposal of the Guntoor Local Fund Board to purchase a steam-roller for their roads, at a cost of Rupees 8,000, will be submitted for the orders of Government, with the remark that the Revenue Board more than doubt the suitability of a steam-roller for use in Mofussil roads. They do not believe that a *quid pro quo* would be obtained for interest on the outlay, and they distrust the possibility of keeping such an article in working order, except whilst it is in the immediate neighbourhood of the Dowlaishweram workshop.

(A true Copy and Extract.)

(Signed) J. GROSE,
Secretary.

REFERRED to the Chief Engineer for his opinion on the proposal.

OOTACAMUND,
19*th June* 1874.

(Signed) D. F. CARMICHAEL,
Acting Chief Secretary.

Proceedings of the Madras Government, Financial Department,
25th June 1874.

No. 215-A. From Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, to the Hon. D. F. CARMICHAEL, Acting Chief Secretary to Government, Fort St. George, dated Ootacamund, 22nd June 1874, No. 456.

In reply to your endorsement on the papers herewith returned, I have the honour to state my decided opinion against the provision of a steam-roller for any Mofussil roads in this country. The up-keep and cost of working such a machine are so heavy that it barely pays to use it even in London, where the wear and tear of road surface is so great and funds so ample.

No. 216. ORDER THEREON, 25th June 1874, No. 1066.

The Governor in Council agrees in the views expressed by the Board of Revenue and the Chief Engineer, and declines to sanction the proposal of the Guntoor Local Fund Board to purchase a steam-roller for the roads in that Circle.

(True Extract.)

Acting Chief Secretary.

To the Board of Revenue.
,, Public Works Department.

Exd. F. R. Bantleman.

List showing works remaining incomplete at the close of 1872-73, *as well as other works newly proposed for execution in* 1873-74.

No.	Description of work.	Amount of Estimate.	Actual Expenditure up to 31st March 1873.	Amount required for 1873-74. By P. W. D.	Amount required for 1873-74. By other Agency.	Amount required for 1873-74. Total.	Remarks and References.
1	2	3	4	5	6	7	8
	COMMUNICATIONS.	Rs.	Rs.	Rs.	Rs.	Rs.	
	New Works.						
1	Great Northern Road	5,41,000	87,715	10,000	.....	10,000	In addition to the allotment of Rupees 24,520, in the current year's budget. Item No. 1, G. O., No. 1,503, dated 8th May 1869.
2	Road from Chilakalurpett to Nekerikal *via* Narasarowpett, 25 miles.	57,320	30,627	5,000	.....	5,000	In addition to the allotment of Rupees 5,000, in the current year's budget. Item No. 5, G. O., R. D., 6th August 1869, No. 2,277.
3	Do. from Sattenapalli to Pedugurala, 16 miles and 1,250 yards.	93,770	.....	6,000	.....	6,000	G. O. F. D., 24th June 1872, No. 821.
4	Do. from Pidugurala to Pondugul, part of the old Trunk Road No. VII.	.....	.....	5,000	.....	5,000	Estimate will be submitted.
5	Improvements to the Road from Guntoor to Sattenapalli—21 miles.	43,930	46,962	1,100	.....	1,100	Item No. 5, in the list of incomplete works of 1871-72, G. O., R. D., 22nd March 1871, No. 526.
	Supplemental	930					Supplemental Estimate will be submitted.
	Do.	2,170					
		47,030	.....	1,460	.....	1,460	Estimate will be considered by the Board of Revenue.
6	For construction of certain Palmyra bridges on the road from Karenchedu to Perala, 4½ miles.	.....	.....	1,260	.....	1,260	Do. do.
7	Do. from Santaravur to Vetapalem, 3½ miles	.....	.....	506	.....	506	Item No. 6 of the List of Incomplete works for 1871-72. G. O., R. D., 20th February 1868, No. 433, 20th May 1869, No. 1,423, and 3rd February 1871, No. 229.
8	Road from Guntoor to Iyaloor	27,730	27,224	25	.....	25	Item No. 4 of the list of Incomplete works for 1871-72. Board's Proceedings, 24th October 1870, No. 6,289, and 10th May 1871, No. 1,947.
		1,79,730					
9	Strengthening and gravelling the bunds of Chebrole Black Tank.	1,816	1,791	2,195	.....	2,195	Board's Proceedings, 26th March 1873, No. 1,835.
10	Raising and gravelling the 11th and 14th Miles of Guntoor and Sandole Road.	2,200	5	454	.....	454	Sanctioned by the Local Fund Boards, 16th March 1872.
11	Surveying and Levelling operations	584	130	69	.....	69	Board's Proceedings, 29th October 1872, No. 2,090. A moiety of the cost of the work is to be met from the Canal and Ferry fund of the district.
12	Making a ramp for landing place on west of Seetanagaram Lock.	737	299	1,820	.....	1,820	Item No. 11 of the list of Incomplete works for 1871-72. G. O., P. W. D., 7th October 1869, No. 3,237.
13	Constructing a road and bridge between China-Ganjam and Salt platform.	1,820	.....	900	.....	900	
14	For surveying the old bandy track from Narasaraopett to Vinukonda—24 miles.	.....	.....	600	.....	600	
15	Do. from Chilakalurpett to Karenchedu, 16 miles ...	.....	.....				

Gobt. of [1874] Madras.

FINANCIAL.

To

THE BOARD OF REVENUE,

&c., &c., &c.

Dated June, 25th.

Recd. Read.

G.O., 25th June 1874, *No.* 1066.

JUNE.
Nos. 215—216.

Guntoor Circle.—Sanction declined to the proposal of the Local Fund Board to purchase a steam-roller for the roads in the Guntoor Circle.

No. 332.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 16th February 1874.

Read the following letters:—

From G. D. LEMAN, Esq., President of the Local Fund Boards, Kistna District, to H. E. STOKES, Esq., Acting Sub-Secretary to the Board of Revenue, dated Masulipatam, 3rd October 1873, No. 1,484.

I HAVE the honour to forward, for early sanction, a Supplemental Budget of works passed by the Guntoor Local Fund Board to be done out of the large unallotted balance of Rupees 72,000, that it now has been found remained at the credit of the circle at the beginning of the current year, in addition to the balance entered in the sanctioned Budget.

2. The actual collections under Road Cess for 1872-73 amounted to Rupees 1,57,000, (omitting the odd figures) and charges to Rupees 1,03,000, leaving a balance of Rupees 54,000 at the beginning of this year. In like manner, there was a General Fund balance of Rupees 40,000 as under—

	RS.
Actual Collections	51,000
Do. Charges	11,000
	40,000

The estimated balance for 1873-74 was for:—

	RS.
Road Fund	20,000
General Fund	2,000

3. The excess balance over estimate is in Road Fund 34,000 and General Fund Rupees 38,000, and is due, in the case of Road Fund, to a large under-estimate of Land Cess made in the preparation of the Budget in 1871, when the estimate of 1872-73 was framed 22,000 above what turned out to be the actuals of 1871-72, and was nearly 52,000 less than the actual collections. The excess in General Fund is similarly in consequence of the excess in Land Cess and also of unexpended allotments which amounted to Rupees 5,000.

4. The sum now proposed to be utilized is Rupees 65,500 and is distributed thus—

		RS.
Grant I.	Road Fund	62,120
	General Fund...	880
		.....
Grant II.		2,250
Grant III.	General Fund	240
Grant IV.	Road Fund	10
	General Fund...	
		65,500

5. STATEMENT II.-A., PART I.—*Item No.* 1. *The Great northern road.*—An additional allotment of Rupees 10,000 is now proposed.

6. *Item No.* 2.—Similarly an additional allotment of Rupees 5,000 is given to the Chilakalurpett to Nakerical road.

7. *Item No.* 3, *or road from Sattenapalli to Pidugurala.*—The Revenue Board will remember that this road was sanctioned in June 1872: but the Guntoor Board having reported that there were no funds available for the work, it has, of necessity, been allowed to lie over. (Board's Miscellaneous No. 8,385, dated 18th December 1872).

List showing works remaining incomplete at the close of 1872-73.—(Concluded.)

No.	Description of Work.	Amount of Estimate.	Actual expenditure up to 31st March 1873.	AMOUNT REQUIRED FOR 1873-74. By P. W. D.	By other Agency.	Total.	Remarks and references.
1	2	3	4	5	6	7	8
	REPAIRS.	RS.	RS.	RS.	RS.	RS.	
16	Old Trunk Road No. 6 from Guntoor to Prattipadu, 11 miles.	.....	.....	1,100	.....	1,100	
17	Trunk Road No. 7. Nellore frontier to Pondugal, 64 miles.	.....	.....	2,300	.....	2,300	In addition to the allotment of Rupees 4,100. Item No. 5, in Part II. of the current year's budget.
18	For the repair of ring road in Guntoor	.....	.....	1,000	.....	1,000	
	Total ...	.....	.....	40,789	.....	40,789	
	SANITARY AND MISCELLANEOUS.						
	New Works.						
19	Drinking well at Tangellamudi	866	113	253	.....	253	Board's Proceedings, 20th December 1869, No. 9,319.
20	Constructing a well in Abbarazupalem	205	33	172	.....	172	Sanctioned by the Local Fund Board, 4th April 1872.
21	Constructing and cleansing of tanks	.....	.....	.....	2,000	2,000	
	REPAIRS.						
22	Repairing Nandipad Tank	1,093	.....	1,008	.....	1,008	Board's Proceedings, 19th August 1872, No. 1,626.
23	Repairing Nirmala Well at Vinukonda	202	46	156	.....	156	Board's Proceedings, 28th October 1872, Miscellaneous No. 7,176.
24	Repairing Madnapad Tank	152	.....	152	.....	152	Do. 28th March 1873, Miscellaneous No. 1,916.
25	Well at 16th mile of great Northern Road from Guntoor to Seetanagram.	147	.....	147	.....	147	Do.
26	Repairs to Public Bungalows	.....	.....	700	.....	700	In addition to the allotment of Rupees 500, in the current year's budget, Item No. 10, in Appendix 6a Part II.
	Total ...	.....	.....	4,678	2,000	6,678	
	Grand Total ...	.....	.....	45,467	2,000	47,467	

8. *Item No. 4, or road from Pedugurala to Pondugal.*—This is part of the old Trunk Road No. VII. The estimate will be submitted when received from the Department Public Works. It is reported to be nearly ready.

9. *Item No. 5, or road from Guntoor to Sattenapalli.*—The original estimate has been expended: better work has been done than was estimated for, and hence a small further outlay is necessary. The supplemental estimate is nearly ready.

10. Appendix, Part I.—*Item No. 1.—Surveying road from Narasaraopett to Vinuconda.*—The old bandy track has hitherto been maintained at an annual cost of Rupees 31 per mile. It is now proposed to survey the line *via* Magalur. Funds can be provided next year for its construction, and after its completion Guntoor will be connected by a good road with Vinuconda. I have been over the new line and prefer it to the old one, as it passes through more populous villages, Magalur and Ramepalli.

11. *Item No. 2.—Surveying road from Chilakalurpett to Karemchedu.*—The estimates of this road are ready; it will be a most useful one, connecting the Palnad and Hyderabad with Ipuripalem village port (Vadarevu).

12. The other items do not call for explanation.

13. A sum of Rupees 8,000 is entered under Tools and Plant. The District Engineer proposes to lay out the money in the purchase of a steam roller for the roads in the circle; and I believe it will be a very judicious application of the money in a place, where labour is so scarce. The machine is to break up as well as afterwards to roll the road; and so the difficulty we have in getting labour would be greatly diminished. The stone rollers now in use cost 300 Rupees a piece to make, are difficult and costly of transport, and are certainly not so effective as a steam roller would be.

14. A provision of Rupees 7,200 has been made for incomplete works; a detailed Statement will be submitted for sanction when received from the Guntoor Board.

Enclosure No 1.—Supplemental Local Fund Budget.

From C. F. MACARTIE, Esq., Assistant Collector for President, Local Fund Boards, Kistna District, to J. GROSE, Esq., Secretary to the Board of Revenue, dated 13th December 1873, No. 1,883.

I have the honour to submit, for sanction, a list of works remaining incomplete in the Guntoor Circle on 31st March 1873, and for the completion of which funds are required in 1873-74.

2. The sum required for Communications is Rupees 5,138; which, I request, may be placed at the disposal of the District Engineer out of the Rupees 7,200 provided in the Supplemental Budget, forwarded with my letter No. 1,484, dated 3rd October 1873, (paragraph 15). Under Local Fund Rule XXX. Clause 5, the Road Fund Reserve is the source from which such charges as the above should be met. In the present case, the Guntoor Board have made a special provision in their Supplemental Budget.

3. I request also that the Rupees 1,978 required for Sanitary and Miscellaneous works be placed at the disposal of the Department Public Works out of the General Fund Balance, Rupees 5,040, of the Circle as per sanctioned Budget.

Enclosure No. 1.—List of Incomplete works.

With the first of the foregoing letters, the President submits, for sanction, a Supplemental Local Fund Budget of the Guntoor Circle for the current year, to utilize the large available balance of the fund amounting to Rupees 72,000, as per margin.

	Rs.
Road Fund	34,000
General Fund	38,000
Total...	72,000

2. With the second letter, he forwards a detailed list of incomplete works for which a lump sum of Rupees 7,200 was provided in the Supplemental budget.

3. In order to exhibit the works, etc., in one view, the Board have caused a revised list to be prepared in their office which shows a total expenditure of Rupees 45,467 debitable as follows:—

	Rs.
Road Fund	40,789
General Fund	4,678
Total...	45,467

As there are only Rupees 34,000 available out of the Road Fund to meet the cost of the Road works, the Board authorize a transfer of Rupees 7,000 from the General Fund.

4. In the list of incomplete works is provided Rupees 69, being the balance of the estimate for improvements to the Sattenapalli road, besides a provision of Rupees 1,100 for the same work in the Supplemental budget. The object of the double provision not being apparent, the Board have disallowed Rupees 69.

5. The President applies for an allotment of Rupees 8,000 which the District Engineer proposes to lay out in the purchase of a Steam Roller for the roads in the Circle. The Board observe that this is a very expensive item, and before entertaining the proposal, they desire to be informed where a Steam Roller is to be had, and what agency is available to utilize it on the roads and for its repair in case it gets out of order.

6. There is also an allotment of Rupees 250 applied for the contingencies of Public bungalows. The President will explain for what particular purpose this is intended.

7. The Accountant-General is requested to place Rupees 43,467 at the disposal of the Public Works Department.

(True Copies and Extract.)

(Signed) J. GROSE,
Secretary.

To the President of the Local Fund Boards, Kistna District, with a list.
,, the District Engineer, Kistna, with do.
,, the Officiating Controller of Public Works Accounts, with do.
,, the Accountant-General, with do.

Exd. G. A. Turton.

1874.

Board of Revenue,

MADRAS.

PROCEEDINGS, 16TH FEBRUARY 1874, No. 332.

S.O. No 125 June 1066

Encl.

Received

FEBRUARY.

No. 332.

Supplemental Local Fund Budget Estimate—of Guntoor Circle, in Kistna District, for 1873-74.—Orders passed on — and on List of Incomplete Local Fund works for same year. Explanation requested regarding proposed purchase of a Steam Roller, and allotment provided for contingencies of public bungalows.

Rid 26/2/74

No 456

Cotacamund

22 June 1874.

From

The Chief Engineer B.N.D

To The Chief Secretary

to Government -

Sir,

In reply to your endorse-

-ment on the papers herewith re-

-turned, I have the honor to state

my decided opinion against the

provision of a Steam Roller for

any Mufussil roads in this

country - The up-keep and cost

of working such a machine are

so heavy that it hardly pays to

use

use it even in London, where
the wear and tear of Road sur-
face is so great and pressure so
simple -

S.O. No 10

I have the honor to be
Sir
Your most obed.t Servant

[illegible] Colonel R.E.
Chief Engineer & Sec.y

1

No. 1,385.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 8th June 1874.

Read again Board's Proceedings, dated 16th February 1874, No. 332.

Read also the following letter from Major J. O. HASTED, R.E., District Engineer of the Kistna District, to G. D. LEMAN, Esq., President of the Local Fund Boards, Kistna District, dated Masulipatam, 17th March 1874, No. 97 :—

WITH reference to your letter, No. 386, dated 9th instant, I have the honour to inform you that I have made inquiries regarding a steam-roller, and have been favoured by the Inspecting Engineer for Ports and Communications with a description of one he has seen in work, and which has given satisfaction. This roller is a rather larger one than we should require, its weight being 18 tons; it rolls from 6½ to 7 feet; it can be used as a traction-engine with a speed of three to four miles an hour, and can be used as a stationary engine geared with a stone-breaker or other machine. The cost in England would probably now be £600; the makers are Ancling and Porter, Rochester, Kent.

2. As regards the agency available to utilize it, we have attached to the workshop several men experienced in driving steam engines, who would be capable of working the roller. All repairs can be executed at the workshop, with the exception of cast-iron fittings, which can be procured from Dowlaishweram or Madras, and firewood is procurable at a reasonable rate at Bezwada, and also from parts of Sattenapalli and Narsarowpett Taluqs. I believe that a steam-roller would be very useful on the great northern road, Guntoor Circle, and that no difficulty would be experienced in working it.

No. 563.

SUBMITTED to the Revenue Board with reference to paragraph 5 of their Proceedings, No. 332, dated 16th February 1874.

MASULIPATAM,
8th April 1874.

(Signed) K. RAMA RAU,
Deputy-Collector,
For President.

THE proposal of the Guntoor Local Fund Board to purchase a steam-roller for their roads, at a cost of Rupees 8,000, will be submitted for the orders of Government, with the remark that the Revenue Board more than doubt the suitability of a steam-roller for use in Mofussil roads. They do not believe that a *quid pro quo* would be obtained for interest on the outlay, and they distrust the possibility of keeping such an article in working order, except whilst it is in the immediate neighbourhood of the Dowlaishweram workshop.

(A true Copy and Extract.)

J Grole
Secretary.

To the Acting Chief Secretary to Government, Financial Department,
with Board's Proceedings, dated 16th February 1874, No. 332.
,, the President of the Local Fund Boards, Kistna District.

Exd. F. R. Bantleman.

1066

Read 1874. Depatch

Board of Revenue,
MADRAS.

PROCEEDINGS, 8TH JUNE 1874, No. 1,385.

Dep. 13 June/74 Encl. 1

R. 1264

Received 18 January/74

JUNE.
No. 1,385.

Steam-roller — for roads in Guntoor Circle of Kistna District.—Proposal of Local Fund Board to purchase — at a cost of Rupees 8,000, submitted for orders of Government, with remarks adverse to proposal.

With order
Deferred

Referred to the Chief Engineer for remarks on the proposal.

Extract
19 June 1874

D. F. Carmichael
Secy

To the Chief Engineer
& Public Works Department

18/6/74

4 5

Extract 25 June 1874 No 1066.

The Governor in Council agrees in the views expressed by the Board of Revenue and the Chief Engineer, and declines to sanction the proposal of the Guntoor Local Fund Board to purchase a steam roller for the roads in that Circle.

45-2080

To the Board of Revenue
& Public Works Department

23/6/74

C23/6 R25/6

Govt. of {1874} Madras.

Financial

To

The Board of Revenue.

G. O. June 25. , 1874. No. 1066.

Nos. 215. 216.

Guntoor Circle. Sanction declined to the proposal of the Local Fund Board to purchase a Steam roller for the roads in the Guntoor Circle.