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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3451 Press ~~Mis.~~

543-44

Dated 27 10 1839.

Not to be folded or roughly handled

No. 543. Read the following Proceedings of the Board of Revenue, dated 21st September 1869, No. 7,012 :—

Read the following letter from the Collector of Vizagapatam, to the Acting Secretary to the Board of Revenue, dated 17th June 1869, No. 343.

I HAVE the honour to submit the Annual Report on Public Works executed in this district during the past official year 1868-69, as contained in the accompanying Progress Reports (three)* from the Range Officers of the district. The Reports of my Assistants on the subject are, as usual, forwarded.

* Per banghy.

2. The following is an abstract of the expenditure on New Works and Repairs under the usual heads of Irrigation, Communication, and Buildings :—

Items.	Expenditure in 1867-68.	Expenditure in 1868-69.	Comparison. Increase.	Comparison. Decrease.
New Works.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Irrigation	3,947 10 11	4,978 12 1	1,031 1 2	....
Communications	82,294 0 2	1,46,165 14 5	63,871 14 3	....
Buildings	42,899 12 5	46,920 5 8	4,020 9 5	....
Total ...	1,29,141 7 6	1,98,065 0 2	68,923 8 8	....
Repairs.				
Irrigation	13,312 1 6	19,552 6 5	6,240 4 11	....
Communications	37,837 0 4	39,748 2 0	1,911 1 8	....
Buildings	5,286 1 6	2,350 12 9	....	2,935 4 9
Total ...	56,465 3 4	61,651 5 2	8,121 6 7	2,935 4 9
Grand Total ...	1,85,606 10 10	2,59,716 5 4	77,044 15 3	2,935 4 9
Net Increase ...	....	....	74,109 10 6	....

3. IRRIGATION—*New Works.*—The outlay under this head was Rupees 4,978-12-1 during the year under review, being an increase of Rupees 1,031-1-2 as compared with that in the past year. The masonry dam across the Malala Gedda commenced last year, has been completed this year. The other works undertaken are six head and twenty-five minor sluices, &c. Many of the works have been completed, and a few are in progress.

4. *Communications.*—In roads, the expenditure has been nearly a lac and-a-half, or Rupees 63,872 more than in the previous year. Of this sum Rupees 88,278-0-5 were contributed from Local Funds.

5. The allotment for roads and jungle clearing in the Jeypore Country was the same as in last year. Rupees 17,000, the whole of which, with the exception of Rupees 271-7-8, has been spent within the official year.

6. The greater part of the expenditure on roads was in the Senior Assistant's Division, who remarks that the metalling stones, on the new road from Gajapatinagram to Parvatipur, are too large. This will be communicated to the Superintending Engineer.

7. Mr. Turner, the Assistant Agent, had an allotment of Rupees 11,300 from the Rupees 17,000 above referred to, the whole of which he spent within the year. The following is an extract from his Report on the work done by him.

"In the month of August two works were commenced; one being the continuation of the road from the top of the Pachipentah Ghaut to Jeypore; the other a ghaut leading from the level of the upland country to Jeypore Town. This work was urgently required as this chain of ghauts shuts out all communication, except by very difficult hill-paths, between the talooks of Jeypore and Mahadevaputti. The whole length of the road, from the top of the ghaut right into the middle of Jeypore, has been completed. The distance is 6 miles and 240 yards. Of this distance, 2 miles and 880 yards comprise the ghaut. The ascertained gradients is 1 in 18, but this I intend to lessen next season by altering the road in one or two steep places. Two large bridges and several small ones have been made on the line. Nearly all the ghaut has been covered with firm Kunker work, and about half the distance, from Jeypore to the bottom of the ghaut, has been gravelled. On the other side, the road has been brought up as far as Dumeraputti market, a large weekly gathering between Chilkarpar and Mahadevaputti. The distance on this side amounts to 11 miles and 1,020 yards. This work lies through the table-land which intervenes between Vizagapatam and the Jeypore level. The downs, which characterize this part, are intersected by numerous channels, never wholly dry even in the height of the hot weather, and in the rains impassable torrents. These form serious obstacles to communication. The largest were bridged by Captain Smith. The smaller watercourses have now been efficiently covered in, and, as you observe in your Report to Government, no obstruction exists to prevent the use of bandies in this road." "Two bridges have likewise been repaired on the old Elephant Ghaut, and the whole of the road about 6 miles from Jeypore to the bottom of the Pettah Ghaut made passable for bullocks and small bandies."

8. In my Tour Report, dated 19th February last, No. 44, I brought prominently to the notice of Government the state of the communication in the Jeypore Country, and advocated the making of a good bandy road, viâ the Pachipentah Ghaut. Final orders on this proposition have not yet transpired, but I beg to enclose a copy of my letter for the information of the Board, as it does not appear to have been communicated to them.

9. The Senior Assistant had an allotment of Rupees 3,500, all of which he spent as follows:—

Repairs.	RS.
On the road from Parvatipur to Chollapadam	150
,, from Chollapadam to Royagaddah...	100
,, from Parvatipur to Narrainpatam, 30 miles ...	250
,, from Kurpam to Gumma...	150
,, from Gumma to Gunupur...	100
,, from Gunupur to Gudairy, 21½ miles	100
,, from do. to Waddasar, 12½ miles	100
,, from Palcondah to Sithamapetah, 8½ miles ...	100
Total... ...	1,050

New Works.	RS.
Road from Parvatipur to Kurpam	250
,, from Waddasar to Puttasinghi...	300
,, from Gunupur to Kailasakotah..	500
,, from do. to Vishumkotah...	500
,, from Royagaddah to Gadesishikal to Kalahandy ...	250
,, from Royagaddah to Kailasakotah	300
,, from Komatlapetah to Vishumkotah...	250
Total, New Works ...	2,450
Grand Total...	3,500

10. The Principal Assistant's allotment was Rupees 2,200, of which he spent Rupees 1,928-8-4 as follows. The balance, Rupees 271-7-8, was refunded as per Board's Proceedings, dated 13th March 1868, No. 1,821:—

	RS. A. P.
1. In reclearing 246 miles of old road, at Rs. 4 a mile	984 0 0
2. Opening out 14 miles of new tracts, at Rupees 7 per mile	98 0 0
3. A cart road from Golgondah to Krishtnadevipettah.	400 0 0
4. Do. from Dutcherti to Addategallah... ...	150 0 0
5. Clearing jungle and levelling the path over the Guderaya Ghaut	200 0 0
6. Pay of Establishment	98 8 4
Total...	1,928 8 4

11. BUILDINGS.—The outlay was Rupees 46,920-5-8 or Rupees 4,020-9-3 more than in the previous year. The following are some of the principal items:—

	RS.
Lunatic Asylum, Vizagapatam	15,000
Zillah Jail, do.	13,722
Subsidiary Jail at Shrungavarapukotah	800
Do. at Bimlipatam	1,757
Do. at Chodavaram	1,953
Do. at Parvatipur	2,000
Do. at Bobbili...	2,000
Do. at Cheepurupilli...	1,900
Do. and out-offices, Narsipatam	2,404
Talook Cutcherry, Yellamancheli...	4,218

IRRIGATION—*Repairs.*—The outlay has been Rupees 19,552-6-5, or Rupees 6,210-4-11 more than in the previous year. While travelling through the Government Talooks in company with the Principal Assistant in January and February last, many of the works came under my personal observation, and appeared to be in very fair order.

13. *Communications.*—The expenditure is Rupees 39,748-2-0, much the same as in last year, being only Rupees 1,900 more in this than in the previous year. Of this sum, Rupees 14,844 were spent in the Senior Assistant's Division. The road from Palcondah to Parvatipur, it will be seen, is in very bad order, and was so last year at the date of my last Report. The repairs, amounting only to Rupees 2,950, are said, by the Public Works Range Officer, to have been executed wherever necessary. This is an Imperial line, and as I rode along it in January last, I can state, from personal observation, that it is unworthy of the name of a road. The traffic is enormous, and a good road is here urgently called for, yet only Rupees

2,950 are spent, and the whole grant for its improvement, Rupees 19,405, has been transferred to other works; how, where, or why, I know not. This road is in a such a wretched state, as almost to require reconstruction. The arrangement to place this road under Mr. Mackie's supervision, mentioned in my last Report, did not, I regret to say, take place, as Mr. Mackie considered the maintenance allowance quite inadequate for a road in such a condition.

14. The other items require no remarks.

Enclosure No. 1.

From the Acting Salt Deputy Collector, to the Collector of Vizagapatam, dated 18th May 1869, No. 61.

In returning the enclosed Progress Report of works executed by the Public Works Department, forwarded with your Official Memorandum dated 15th instant, I have the honour to state that the reconstructing of the Balacheruvu road has been completed by the Public Works Department at the commencement of the last official year, and some parts of it having been washed off by the rains of last year, I have repaired it with the other road from Gazuvaka to the Balacheruvu platform from the maintenance grant sanctioned in last year's Budget.

2. The road is now in good order, and carts can easily pass through; but some of the tunnels in this road requires repairing which I shall do from this year's grant.

3. The other work, viz, reconstructing the Karasa road, has been stopped. This road was washed off by the heavy rains in 1866, and is not as yet put into good order. Great inconvenience is experienced by the traders and others. I, therefore, recommend its early restoration.

Enclosure No. 2.

From the Acting Senior Assistant Collector, to the Collector of Vizagapatam, dated 2nd June 1869, No. 91.

With reference to your docket of the 15th ultimo, forwarding the Progress Report*of works from the Executive Agent, Vizianagram Range,

*Returned.

I have the honour to inform you that the only works regarding which I have any remarks to make are the road from Parvatipur to Palcondah, and that from Parvatipur to Gajapatinagram.

2. The former is still in an incomplete state, and in very bad order. There is a great deal of traffic over this road, and it ought to be kept in a much better state than I have ever seen it. You have gone over the road yourself, and are well aware how necessary repairs are.

3. Nearly a half, I should think, of the road from Parvatipur to to Gajapatinagram has been completed. Between Gajapatinagram and Ramabhadrapuram, a distance of 17 or 18 miles, nearly the whole is completed. There are breaks here and there. Between Bobbili and Parvatipur there remains a good deal to be done. In one or two places no earth-work has been yet done and nearly all the metalling and gravelling have to be done. Some parts of the road appear much better finished than others. The stones put down for metalling are very large, and I think they ought to be broken and put down very much smaller.

Enclosure No 3.

From the Acting Principal Assistant Collector, to the Collector of Vizagapatam, dated Narsipatam, 9th June 1869, No. 56.

With reference to your Official Memorandum, dated 15th May 1869, I have the honour to return the Progress Report with remarks on some of the works.

Original Works.

Civil Buildings.

No. 3,—Wall completed satisfactorily, but gates required. Mr. Laskey states they are being constructed.

No. 4,—Walls completed, but for some reason or other the work has been at a stand-still for the last month or so. It has just been recommenced.

No. 5,—Getting on very well. Considerable progress made in the last month.

Repairs to Civil Buildings.

No. 2,—All correct.

No. 3,—In good order.

Repairs.

Agricultural.

The irrigation works, generally speaking, are in good order, so far as I have been able to observe them in marching about the district.

Trunk Road.

Imperial.

Work is going on steadily here, but there is still a good deal to be done.

Local Funds.

Communications.

No. 1,—Road, good, as far as I have seen. Bridges required over the Gubbada river and the hill-stream Kotula Gidda close to Golgondah. This is frequently impassable in the rainy season.

N. 2,—In good order, but several small bridges required.

Repairs.

Road to Polavaram, earth-work completed; but a grant is much required to finish the road, that is as far as the Trunk Road. At present it is, I believe, being completed out of maintenance allowance.

No. 4,—Completed for about 3 miles, after that very rough indeed. This work is also, I believe, being made out of the maintenance allowance only.

Enclosures Nos. 4 to 6.—Progress Reports.

Enclosure No. 7.—Government order, dated 1st April 1869, No. 511, Judicial Department.

Submitted for the information of Government.

2. It will be seen that the total expenditure has been Rupees 2,59,716, showing a net increase of Rupees 74,109 over the expenditure of the previous year.

3. The Board are of opinion that the work executed in Jeypore and in the direction of the Khond and Sourah Hills by the Assistants to the Collector, deserves the commendation of Government.

4. The Board would request the attention of Government to paragraph 12 of the Report on the state of the road from Palcondah to Parvatipur, with special reference to the transfer of the allotment to other works without the concurrences of the Collector.

5. The Board are of opinion that such transfers should form the subject of communication between the local officers, and should not be admitted without the Collector's approval.

6. If the Collector is to have a voice in the apportionment of the money, it appears proper that notice should be given him of any intended transfer of the funds to other works.

7. The information called for in paragraph 11 of Government order, dated 11th November 1868, No. 2,831, regarding the mileage of Imperial Roads in the district, has been called for, and will be submitted to Government in continuation of these Proceedings.

No. 544. ORDER THEREON, 27th October 1869, No. 3,451.

ESTABLISHMENT, No. 43. COMMUNICATED to the Superintending Engineer of the 1st Division.

2. The Government observe that the allotment for the road from Palcondah to Parvatipur during 1868-69 was Rupees 9,500, and not Rupees 19,405 as stated by the Collector, and that this latter sum was the amount of the estimate for the improvement of the line. The allotment of Rupees 9,500 was surrendered by the Superintending Engineer in the statement accompanying his letter, dated 2nd February 1869, No. 205, with this remark—"Range Officer called on to explain." Captain Fischer will submit such explanations as may have been furnished by that Officer, and report fully on the present condition of the road and the nature of the work carried out for the outlay of Rupees 10,392 incurred previous to 1868-69.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
,, Revenue Department.
,, Board of Revenue.

Exd. E. C. Shunker,

No 7,012.

PROCEEDINGS OF THE BOARD OF REVENUE, dated 21st September 1869.

Read the following letter from J. I. MINCHIN, Esq., Collector of Vizagapatam, to the Acting Secretary to the Board of Revenue, dated 17th June 1869, No. 313:—

I HAVE the honor to submit the Annual Report on Public Works executed in this district during the past official year 1868-69, as contained in the accompanying Progress Reports (three)* from the Range Officers of the district. The Reports of my Assistants on the subject are as usual forwarded.

* Per Banghy.

2. The following is an abstract of the expenditure on new works and repairs under the usual heads of Irrigation, Communication, and Buildings:—

Items.	Expenditure in 1867-68.	Expenditure in 1868-69.	Comparison. Increase.	Comparison. Decrease.
New works.	RS. A. P	RS. A. P.	RS. A. P.	RS. A. P.
Irrigation	3,947 10 11	4,978 12 1	1,031 1 2	....
Communication	82,294 0 2	1,46,165 14 5	63,871 14 3	....
Buildings	42,899 12 5	46,920 5 8	4,020 9 3	....
Total...	1,29,141 7 6	1,98,065 0 2	68,923 8 8	....
Repairs.				
Irrigation	13,342 1 6	19,552 6 5	6,210 4 11	....
Communication	37,837 0 4	39,748 2 0	1,911 1 8	....
Buildings	5,286 1 6	2,350 12 9	....	2,935 4 9
Total...	56,465 3 4	61,651 5 2	8,121 6 7	2,935 4 9
Grand Total...	1,85,606 10 10	2,59,716 5 4	77,044 15 3	2,935 4 9
Net Increase...	....	....	74,109 10 6	....

3. IRRIGATION.—*New works.*—The outlay under this head was Rupees 4,978-12-1 during the year under review, being an increase of Rupees 1,031-1-2 as compared with that in the past year. The masonry dam across the Malala Gedda commenced last year, has been completed this year. The other works undertaken are six head, and twenty-five minor sluices, etc. Many of the works have been completed, and a few are in progress.

4. *Communications.*—In roads the expenditure has been nearly a lac and-a-half or Rupees 63,872 more than in the previous year. Of this sum Rupees 88,278-0-5 were contributed from Local Funds.

5. The allotment for roads and jungle clearing in the Jeypore country was the same as in last year. Rupees 17,000 the whole of which with the exception of Rupees 271-7-8 has been spent within the official year.

6. The greater part of the expenditure on roads was in the Senior Assistant's Division, who remarks that the metalling stones on the new road from Gajapatinagram to Parvatipur are too large. This will be communicated to the Superintending Engineer.

7. Mr. Turner the Assistant Agent had an allotment of Rupees 11,300 from the Rupees 17,000 above referred to, the whole of which he spent within the year. The following is an extract from his Report on the work done by him.

"In the month of August two works were commenced, one being the continuation of the road "from the top of the Pachipentah Ghaut to Jeypore; the other a ghaut leading from the level of "the upland country to Jeypore Town. This work was urgently required as this chain of ghauts "shuts out all communication except by very difficult hill paths, between the talooks of Jeypore "and Mahadevaputti. The whole length of the road from the top of the ghaut right into the "middle of Jeypore has been completed. The distance is 6 miles and 240 yards. Of this dis- "tance, 2 miles, 880 yards comprise the ghaut. The ascertained gradients is 1 in 18, but this "I intend to lessen next season by altering the road in one or two steep places. Two large "bridges and several small ones have been made on the line. Nearly all the ghaut has been "covered with firm Kunker work, and about half the distance from Jeypore to the bottom of the "ghaut has been gravelled. On the other side, the road has been brought up as far as Dumera- "putti market, a large weekly gathering between Chikarpar and Mahadevaputti. The distance "on this side amounts to 11 miles, 1,020 yards. This work lies through the table land which "intervenes between Vizagapatam and the Jeypore level. The downs which characterise this part "are intersected by numerous channels never wholly dry even in the height of the hot weather, "and in the rains impassable torrents. These form serious obstacles to communication. The "largest were bridged by Captain Smith. The smaller watercourses have now been efficiently "covered in, and as you observe in your Report to Government, no obstruction exists to prevent "the use of bandies in this road." "Two bridges have likewise been repaired on the old Elephant "Ghaut, and the whole of the road about six miles from Jeypore to the bottom of the Pettah Ghaut "made passable for bullocks and small bandies."

8. In my tour Report dated 19th February last, No. 44, I brought prominently to the notice of Government the state of the communications in the Jeypore country, and advocated the making of a good bandy road, viâ the Pachipentah Ghaut. Final orders on this proposition have not yet transpired, but I beg to enclose a copy of my letter for the information of the Board, as it does not appear to have been communicated to them.

9. The Senior Assistant had an allotment of Rupees 3,500, all of which he spent as follows:—

Repairs.

	Rs.
On the road from Parvatipur to Chollapadam	150
,, from Chollapadam to Royagaddah	100
,, from Parvatipur to Narrainpatam 30 miles	250
,, from Kurpam to Gumma	150
,, from Gumma to Gunupur	100
,, from Gunupur to Gudairy 21½ miles	100
,, from do. to Waddasar 12½ miles	100
,, from Palcondah to Sithamapetah 8½ miles	100
Total	1,050

New works.

	Rs.
Road from Parvatipur to Kurpam	250
,, from Waddasar to Puttasinghi	300
,, from Gunupur to Kailasakotah	500
,, from do. to Vishumkotah	500
,, from Royagaddah to Gadesishikal to Kalahandy	250
,, from Royagaddah to Kailasakotah	300
,, from Komatlapetah to Vishumkotah	250
Total new works	2,450
Grand Total	3,500

10. The Principal Assistant's allotment was Rupees 2,200, of which he spent Rs. 1,928-8-4 as follows. The balance Rupees 271-7-8 was refunded as per Board's Proceedings, dated 13th March 1868, No. 1,821:—

	Rs.	A.	P.
1. In reclearing 246 miles of old road, at Rupees 4 a mile	984	0	0
2. Opening out 14 miles of new tracts, at Rupees 7 per mile	98	0	0
3. A cart road from Golgondah to Krishtnadevipettah	400	0	0
4. Do. from Dutcherti to Addategallah	150	0	0
5. Clearing jungle and levelling the path over the Guderaya Ghaut	200	0	0
6. Pay of establishment	98	8	4
Total...	1,928	8	4

11. Buildings.—The outlay was Rupees 46,920-5-8 or Rupees 4,020-9-3 more than in the previous year. The following are some of the principal items:—

	Rs.
Lunatic Asylum, Vizagapatam	15,000
Zillah Jail, do.	13,722
Subsidiary Jail at Shrungavarapukotah	800
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Do. at Chodavaram	1,953
Do. at Parvatipur	2,000
Do. at Bobbili	2,000
Do. at Cheepurupilli	1,900
Do. and Out-offices, Narsipatam	2,404
Talook Cutcherry, Yellamancheli	4,218

12. Irrigation.—*Repairs.*—The outlay has been Rupees 19,552-6-5 or Rupees 6,210-4-11 more than in the previous year. While travelling through the Government Talooks in company with the Principal Assistant in January and February last, many of the works came under my personal observation, and appeared to be in very fair order.

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14. The other items require no remarks.

Enclosure No. 1.

From MAHOMED ALI, Acting Salt Deputy Collector, to the Collector of Vizagapatam, dated 18th May 1869, No. 61.

In returning the enclosed Progress Report of works executed by the Public Works Department forwarded with your Official Memorandum dated 15th instant, I have the honor to state that the reconstructing of the Balacheruvu road has been completed by the Public Works Department at the commencement of the last official year, and some parts of it having been washed off by the rains of last year, I have repaired it with the other road from Gazuvaka to the Balacheruvu platform from the maintenance grant sanctioned in last year's budget.

2. The road is now in good order and carts can easily pass through, but some of the tunnels in this road requires repairing, which I shall do from this year's grant.

3. The other work, namely, reconstructing the Karasa road, has been stopped. This road was washed off by the heavy rains in 1866, and is not as yet put into good order. Great inconvenience is experienced by the traders and others. I therefore recommend its early restoration.

ENCLOSURE No. 2.

From A. CRUICKSHANK, Esq., Acting Senior Assistant Collector, to the Collector of Vizagapatam, dated 2nd June 1869, No. 91.

WITH reference to your docket of the 15th ultimo, forwarding the Progress* Report of works from the Executive Agent, Vizianagram Range, I have the honor to inform you that the only works regarding which I have any remarks to make are the road from Parvatipur to Palcondah, and that from Parvatipur to Gajjapatynagram.

* Returned.

2. The former is still in an incomplete state, and in very bad order. There is a great deal of traffic over this road and it ought to be kept in a much better state than I have ever seen it You have gone over the road yourself and are well aware how necessary repairs are.

3. Nearly a half I should think of the road from Parvatipur to Gajjapatynagram has been completed. Between Gajjapatynagram and Ramabhadrapuram, a distance of 17 or 18 miles, nearly the whole is completed. There are breaks here and there. Between Bobbili and Parvatipur there remains a good deal to be done. In one or two places no earthwork has been yet done and nearly all the metalling and gravelling have to be done. Some parts of the road appear much better finished than others. The stones put down for metalling are very large, and I think they ought to be broken and put down very much smaller.

ENCLOSURE No. 3.

From H. SEWELL, Esq., Acting Principal Assistant Collector, to the Collector of Vizagapatam, dated Narsipatam, 9th June 1869, No. 56.

WITH reference to your Official Memorandum, dated 15th May 1869, I have the honor to return the Progress Report with remarks on some of the works.

ORIGINAL WORKS.

Civil Buildings.

No. 3.—Wall completed satisfactorily, but gates required. Mr. Laskey states they are being constructed.

No. 4.—Walls completed, but for some reason or other the work has been at a stand still for the last month or so. It has just been recommenced.

No. 5.—Getting on very well. Considerable progress made in the last month.

Repairs to Civil Buildings.

No. 2.—All correct.

No. 3.—In good order.

REPAIRS.

Agricultural.

The irrigation works generally speaking are in good order so far as I have been able to observe them in marching about the district.

TRUNK ROAD.

Imperial.

Work is going on steadily here; but there is still a good deal to be done.

LOCAL FUNDS.

Communications.

No. 1.—Road good as far as I have seen. Bridges required over the Gubbada river and the hill stream Kotula Gidda close to Golgondah. This is frequently impassable in the rainy season.

No. 2.—In good order, but several small bridges required.

Repairs.

Road to Polavaram—Earthwork completed; but a grant is much required to finish the road, that is, as far as the Trunk road. At present it is, I believe, being completed out of maintenance allowance.

No. 4.—Completed for about three miles, after that very rough indeed. This work is also, I believe, being made out of the maintenance allowance only.

ENCLOSURES Nos. 4 to 6.—Progress Reports.

ENCLOSURE No. 7.—Government Order dated 1st April 1869, No. 511, Judicial Department.

SUBMITTED for the information of Government.

2. It will be seen that the total expenditure has been Rupees 2,59,716, showing a net increase of Rupees 74,109 over the expenditure of the previous year.

3. The Board are of opinion that the work executed in Jeypore and in the direction of the Khond and Sourah Hills by the Assistants to the Collector, deserves the commendation of Government.

4. The Board would request the attention of Government to paragraph 12 of the Report on the state of the road from Palcondah to Parvatipur, with special reference to the transfer of the allotment to other works without the concurrence of the Collector.

5. The Board are of opinion that such transfers should form the subject of communication between the local officers and should not be admitted without the Collector's approval.

6. If the Collector is to have a voice in the apportionment of the money, it appears proper that notice should be given him of any intended transfer of the funds to other works.

7. The information called for in paragraph 11 of Government Order, dated 11th November 1868, No. 2,831, regarding the mileage of Imperial Roads in the district, has been called for and will be submitted to Government in continuation of these Proceedings.

(True Copies and Extract.)

Acting Secretary.

To the Secretary to Government, Public Works Department,
with four enclosures.

Copy to the Acting Secretary to Government, Revenue Department.
,, to the Collector of Vizagapatam.

Exd. G. A. Turton.

Pro. P.W. 1869. Dept.

Board of Revenue,

MADRAS.

Ft 4120

PROCEEDINGS, 21ST SEPTEMBER 1869, No. 7,012.

Rec'd 29 Sept 1869. Encl. 4

Received 60 " "

No 3651 - 27 October 69.

SEPTEMBER.

No. 7,012.

Public Works—executed in Vizagapatam District, during 1868-69,—Collector's report on, submitted to Government, and their attention invited to that officer's remarks regarding bad state of road from Palcondah to Parvatipur.

No. 543
Earth 1869 R. 95

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2						8	9		11	12
	Civil Buildings										
1	Constructing a Jailor's Quarters without houses at Parvatipore. Last Inspected 4th January 1869	3310	G.C.	No. 1809 of 17th June 1867	"	3029 2 5	280-13-7	G.O. No. 1955 of 2nd July 1868 and Lgr. Engrs. Memo No. 1350 of 30th April 1868	242 - 9	319 11 9 42 - 9 42 9 277 11 "	Work Completed on the 31st March 1869.
35	Constructing and adding a Subsidiary to the Submagistra-tis cutcherry at Parvatipore Last Inspected 24th February 1869	3190	G.C.	No. 2312 of 20th July 1868	December 1868		2000	Supdt. Engrs. Memo No. 1043 of 25th November 1868 & Lgr. Engrs. 15th February 1869.	1240 "	" 2000	Work stopped by the Collector owing to the ground on which the Sail is to be built belongs to the Baluga Zamindar who objects to its being used as a subsidiary Sail till the necessary building materials for this work have been collected.

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
36	Constructing and adding a Subsidiary jail to the Submagistrate's Cutcherry at Bobbily Last Inspected 1st March 1869	3190	G.O	Nos 2312 of 20th July 68	1st March 1869	" " "	2000	Superd. Engrs Memo- Nos 1043 of 25th November 1868 and Do Statement of 16th February 1868	2000	2000	In progress.
37	Constructing and adding a Subsidiary jail to the Submagistrate's Cutcherry at Cheepurupilly Last Inspected 3rd April	3200	G.O.	No. 2312 of 20th July 1868	january 1869	" " "	2000	Superd. Engrs Memo- Nos 1043 of 25th November 1868 and Do	1075 3 11	1906 5 11	In progress.

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3		5	6	7	8	9	11		12
41	Constructing a Subsidiary jail and a Submagestratis cutcherry at Vizeanagarum — Last Inspected 18th March 1869	9120	G.O.	No. 924 of 20th March 1869	March 1869		500	Supt's Engrs Statement dated 8th "	1350 .. .. 100	1350 .. .. 100	In progress.
								March 1869	1250	1250	
4	Communications — Constructing a portion of Trunk Road No. 6 between Chittevalasah and Chicacole — Last Inspected 27th March 1869	132783	G.O.	No. 1468 of 15th May 1868	"	55279 1 9	20000	Slom do. 201 in Budget for 1868 469 and Supt's Engrs memo- Nos dated 31st March 1868	6319 13 6	20000	Avails From 1st to 26th Milestone all the masonry works & Earth Work Completed. metalling and granulling Completed upto 21st Mile Turfing completed upto the 11th Mile. the remainder in progress from the 26th to the 35th Milestone. Masonry and Earth Work in progress Metalling and granulling being Collected.

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

29

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
19											
5.	Constructing road from Parvatipore to Palacondah — Last Inspected 29th December 1869	19405	G.O.	Nos. 30 of 3rd Jan" uary 1867	"	10392	9	Slow No. 200 in Budget for 1868 and 69 and Estr Engrs Memo- No. dated 31st March 1868-			Funds appropriated and transferred to other works
	Misullanious Public Improvements —										
2.	Altering the roof of the Superintendants Quarters and out houses attached to the Santapilly Light house — Last Inspected 21st August 68	1750	G.O.	No. 550 of 18th Augt 1868	"	675	7 8	G.O. No. 1715 of 29th May 1868	1212	874	1116 Completed with the exception of whitewashing outside and cleaning doors &c.
3	Altering the guard room and basement of the Light house at Santapilly	320	Do.	Do.	"	182	10 2	-	-	-	- Completed with exception of whitewashing outside

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2			3			8	9		11	12
13	Repairing Submagestralis Cutcherry at Gunpoor	13	Agt. Collector of Vizagapatam District	7th April 1868	"	"	13	Appropriation returned for April 1868		1251	Work Completed by the Submagestrate
	Communications										21
14	Repairing Trunk road No. 6 between Chittivalasah and Chicacole Last Inspected 26th March 1869.	2000	G.O.	No. 3779 of 21st December 1863 and G.O. No. 2790 of 1st September 1868	May 1868	"	2000	Appropriation returned for April & September 1868 & Supt. Engr. Memo- No. 709 of 9th September 1868.	246	2000	Repairs executed wherever necessary

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
15	Repairing Branch Road from Vizianagaram to Palacondah by Cheepurupilly — Last Inspected 2nd April 1869	4500	G.O.	Nos 3447 & 4239 of 2nd Dec 1864 & 25th January 1866 & G.O Nos 2790 of 1st Septr 1868	4th August 1868	"	4500	Appropriation returned for April & September 1868 and Supt Engineers Memo Nos 709 of 9th September 1868.	718 8 7	4494 6 4	Repairs executed wherever necessary 23 9
16	Repairing branch road from Vizianagaram to Bandara Last Inspected 18th March 69	3000	G.O.	Nos 239 of 26th January 1865 & G.O Nos 2790 of 1st September 1868	18th July 1868		3000	Appropriation returned April & September 1868 & Supt Engineers	22 3 10	2999 11 5	Repairs executed wherever necessary

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
19	Repairing branch road from Palacondah to Parvatipoor — Last Inspected 29th December 69	2950	G.C.	No. 2485 of 3rd July 1860 and G.O. No. 2790 of 1st September 1868	1st December 1868		2950 Appropriation-return for April and September 1868 and Supt. Engr. Memo- No. 709 of 9th Septr. 1868-	76	95	2950 " "	Repairs executed wherever necessary 25
20	Repairing branch road from Vizeanagaram to Chittivalasah Last Inspected 16th March 69	"	G.C.	No. 1542 of 14th February 1862	June 1868		2400 Maharajahs grant and Supt. Engrs. Memo No. of 31st March 1868	51	911	2399 157	Repairs executed wherever necessary 534/57

L. C

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No. and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
	Local funds										
	Original Works										
	Communications										
	District road fund										
18	Constructing road from Gajapatinagaram to Parvatipoor Last Inspected on 11th March 69	123553	G.O.	No 1678 of 5th January 1868	August 1868	18725 9 3	70000	Item No 202 in Budget for 1868-69 and Supl Engrs Memo- No 31 dt March 1868 Board of Revenue No 7881 dated 6th November 1868 and Supl Engrs Memo- No 1024 of 19th November 1868	14710 2 4	70000	Work in progress. Remarks in detail was given in the Local Fund progress Report already submitted.
	Constructing Road from Paloor to Patchipentah							Item No 203 in Budget for 1868-69 and Supl Engrs Memo No 31 dt March 1868			

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

29

No.	Name of Work.	Estimate Sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3		5	6	7	8	9	10	11	12
	—Local Funds—										
	—Original Works—										
	—Communications—										
	—District-road fund—										
18	Constructing road from Gajapatinagaram to Parvatipoor	123553	G.O.	No. 1678 of 5th January 1868	August 1868	18725 2 3	70000	Item No. 202 in Budget for 1868-69 and Sup. Engrs. Memo- No. 31 of 1st March 1868 Board of Revenue No. 7881 dated 6th November 1868 and Sup. Engrs. Memo- No. 1024 of 19th November 1868	1471 0 2 4	70000	Work in progress. Remarks in detail was given in the Local Fund progress Report already submitted.
	Last Inspected on 11th March/69										
19	Constructing Road from Paloor to Patchipentah							Item No. 203 in Budget for 1868-69 and Sup. Engineers Memo- No. 31 of 1st March 1868			

FIRST DIVISION

Progress Report of works for the month of March 1869 No. III RANGE Vizagapatam DISTRICT.

No.	Name of Work.	Estimate sanctioned. Amount.	By whom.	No. and date of order.	Date of commencement of work.	Net expenditure up to the end of past official year.	Appropriation in the current year. Amount.	No and date of order.	Expenditure in the current year. In this month	Up to this month.	Full particulars of Progress with date of last inspection. In case of completed works date of completion.
1	2	3	4	5	6	7	8	9	10	11	12
	Repairs										
	Communications										
16 20	Repairing branch road from Chittivalasa to Cashoor by Vizianagram	"	"	"	"	"	1146	Supt Engr Lists dated 9th December 1868	646 9 11	1135 136	Repairs executed wherever necessary

No. III of Vizianagarum Range
Office Vizianagarum
12th May 1869.

S. A. Bamnett Superviso.
Ext. Agent of Vizianagarum Range

1869 Department
Enclosure No 2.
No 631 of 1869

From

The Executive Agent
Vizianagram Range

P. W. 4120/69

To

The Collector
Vizagapatam

From 27th October 1869 No 543.

Date 12th May 1869.
Rec'd 13th

Progress Report
of Works for the month
of March 1869

Sal/ROC No 2758/69

Department
Enclosure No 1
1869-70

From

The Executive E
Vizagapata

To

The Collect
Vizagapata

Dated 13th Apr

Received 19th - do -

P. W. 4120/69

Progress Repo
of Works for th
Month of March

From 27th Octr 1869 No 543. -

Sal/ROC No 2758/69.

31

	Last inspected on the 16th October 1868				897	13	11
					77	2	4
		£	-	-	124	9	10
69,400	Constructing a Lunatic Asylum at Vizagapatam	£	1115	12	1502	1	1
		Sr	339	12	679	2	5
	Last inspected on the 23d March 1869	£	776	-	1434	14	7

* N. B. This expenditure does not include the sums paid for Compensation, which will be found, shown separately, under the Head Advances to Civil Officers.

Completed 26th September 1868.

The site of this work was selected by Capt. Ryves under instructions from Government, in the Month of May 1868, and the land was purchased and handed over to the Department in August. The buildings will probably be finished within another year, every arrangement having been made for the supply of all the work and materials required.

Deputy Superintendents Quarters, with outhouses will be completed in a few days.

Superintendents Office - Walls built to a height of three feet.

Three Cottages for Males; Cutstone pillars of two Cottages completed, and those of the third Cottage nearly finished; walls raised to a height of 3 feet.

One Cottage for Criminals; Cutstone pillars complete, and walls above commenced.

One Cottage for Women - Cutstone pillars nearly completed - Walls raised to a height of three feet.

Outhouses to all the Cottages in progress.

Hospital; walls raised to a height of 6 feet - Padded rooms; foundations and basement completed; Cutstone pillars in progress.

Dresser's house; foundations and basement completed; Walls & pillars in progress.

Workshop for Males; Roofing commenced.

Workshop for Females; ready for the roof.

Well; excavated to a depth of 43 feet, bottom diameter 12 feet; the water surface is gradually falling as the hot weather advances, and as the water subsides the pit is deepened; the excavation is now through rock by picking and blasting.

60324	Constructing a new Zillah Jail at Vizagapatam						
20,230	— Do — Additional buildings including	£664	2	8	13722	13	7
80554	of workshop to the Zillah Jail at Vizagapatam						
	Cash inspected on the 22nd March 69.	£445	15	10	*9063	4	7

*

N. B. This expenditure does not include the sums paid for compensation, which will be found, shown separately under the Head "Advances to Civil Officers."

At the beginning of the past year the Works of the Original & Revised estimate of the Jail were Completed and in July 1868, a supplemental estimate for certain additional buildings required by the Jail and Police Departments was sanctioned. The state of the works now in progress is as follows:-

The Police Tanks, Dry Conservancy - Latrine and Pipes for water Distribution, have been stopped under instructions of the Superintending Engineer, and at the request of the Inspector General of Jails, who is referring certain proposals about them to the Police Department and Government.

The Jail Office is now being roofed in, and the flooring is being laid.

The workshop; Materials for completing it are now ready at the site; the ventilators in the rear wall are being built, and the roof commenced.

Filtering Cisterns; are now being completed of the reduced size approved of by the Inspector General. They will be sufficient for the storage of 600 gallons of filtered water, while the bathing and washing cisterns will hold about 12,000 gallons of unfiltered water.

The Office will probably be completed in April, and the workshop and Cisterns in May.

It is presumed that the convicts will then be removed into the new Jail from their present temporary Quarters.

236	Putting a Stained glass window and laying Ornamental tiled floor in the	G 13	9	11	378	4	5
105	Church at Bimlipatam	R 20			145	4	5
341	Supplemental						
	Cash inspected on the 25th March 69	£ 33			233	"	"

Completed with the exception of tiling to floor of chancel, tiles for which have not yet arrived from England.

60324	Constructing a New Zillah Jail at Vizagapatam						
20,230	Do Additional buildings including Workshop to the Zillah Jail at Vizagapatam	£664	2	6	13722	13	7
80554		£445	15	10	9063	17	7
	Cash inspected on the 22nd March 69.						

* N. B. This expenditure does not include the sums paid for compensation, which will be found, shown separately, under the Head "Advances to Civil Officers"

236	Putting a Stained glass window and Carving Ornamental tiled floor in the Church at Bimlipatam	£ 13	9	11	378	15	5
105	Supplemental	£ 20	-	-	115	15	5
341	Cash inspected on the 25th March 69				233	"	"

At the beginning of the past year the Works of the Original Revised estimate of the Jail were Completed and in July 1868, a supplemental estimate for certain additional buildings required by the Jail and Police Department was sanctioned. The state of the works now in progress is as follows:-

The Police Huts, Dry Conservancy Latrines and Pipes for water Distribution, have been stopped under instruction of the Superintending Engineer, and at the request of the Inspector General of Jails, who is referring certain proposals about them to the Police Department and Government.

The Jail Office is now being roofed in, and the flooring is being laid.

The workshop; Materials for completing it are now ready at the site; the ventilators in the front wall are being put up, and the roof commenced.

Filtering Cisterns; are now being completed of the reduced size approved of by the Inspector General. They will be sufficient for the storage of 600 gallons of filtered water, while the bathing and washing cisterns will hold about 1500 gallons of unfiltered water.

The Office will probably be completed in April, and the workshop and Cisterns in May.

It is presumed that the convicts will then be removed into the new Jail from their present temporary Quarters.

Completed with the exception of tiling to floor of chancel, tiles for which have not yet arrived from England.

42	Raising the Floor of the Chancel of the Church at Vizagapatam Last inspected on the 1st. October 1868.	}	-	-	-	40	-	Completed 23rd. October 1868.
115	Providing Shutters to two windows and a new beam in the roof of the Principal Sudr. Ameen Court at Vizagapatam Last inspected on the 19th. March 1869.	}	G. -	-	-	155	6	Completed & accounts settled.
			R 2	6	-	40	6	
			2	6	-	115	-	
1730 65	Alterations and additions to the Sub Magistrate's Cutcherry at Chicacole Last inspected on the 11th. March 1869.	}	292	15	3	472	12	Materials are being collected for the new buildings which are at a stand still pending a reference to the Superintending Engineer regarding the additional land to be taken up.
366.	Proongaraporeetta Lock Sail Last inspected on the 30th. March 1869		553	4	6	799	12	Walls of the Gunnytake room and new Office in progress & built to a height of 4 feet. Foundations & basement of the new Hospital completed. Doors & windows & roofing wood work under preparation.
67	Constructing Subsidiary Sail at Bimlipatam Last inspected on the 25th. March 1869.	}	1157	-	-	1757	-	Foundations commenced, & collection of materials.
68	Do a Subsidiary Sail at Chodavaram Last inspected on the 12th. March 1869.		1117	15	9	1952	15	A site has been obtained for this work, and the Compensation settled. Materials are being collected, and the foundations have been commenced.
70	Making certain improvements to the existing Police Station house at Chodavaram Last inspected on the 12th. March 1869.	}	G 250	-	-	300	-	In progress.
			R 100	-	-	100	-	
			150	-	-	200	-	
71	Alterations to the Subsidiary Sail at Vizagapatam Last inspected on the 4th. March 1869.	}	44	15	-	200	-	In progress.

		C	5209	11	3	35703	15	6
		R	680	5	-	6397	9	11
		A	4529	6	3	29306	5	7

Total Civil Buildings- 39

Communication

7	Constructing Seyporex Road from Vizagapatam to Seyporex being 40 Miles	C	2296	15	11	19999	13	2
	Last inspected on the 31st March 1869.							

About 7¾ Miles of earth works, partly in progress at the end of 1867-68, were finished in the past official year; and about ¾ of a mile was in progress at the end of the year. The earth works are now completed up to 33½ Miles and in progress to 37½ Miles-

Eight miles of metalling were also done- The Road has now been metalled continuously for 18 Miles and 393 Yards, and in portions where most needed up to Srungavarapukota in the 32nd Mile, making a total of 27 Miles and 570 Yards of metalling-

3500 Square Yards of turfing were done in the year to portions where the side slopes needed this support, though in this item the estimate has been found most deficient-

13 Tunnels & 31 Sluices were completed in the year; and 14 Tunnels, 7 Sluices & 2 Bridges were in progress at the end of the year- This makes a total of 160 Masonry works completed & 23 in progress-

About 13½ Miles of Jungling & 4 Miles of earth works, partly in progress at the end of 1868-69 have yet to be done- And eight more masonry works have yet to be commenced-

8	Constructing Road from Vizianagram to Bowdara	C	297	4	8	8959	9	11
		R	-	-	-	20	8	-
	Last inspected on the 30th March 1869	A	297	4	8	8939	1	11

Earth works have been completed along the whole line in this Range; i.e, from the Mardhan bridge to Bowdara, which is about 4 Miles and 935 Yards.

4 Miles & 615 Yards of road had been metalled and 320 Yards were incomplete at the close of the month-

3½ Miles of clearing through thick jungle were done in the early part of the year; also 650 Square Yards of turfing where much needed for the support of the side slopes-

All the masonry works, consisting of 1 Bridge, 9 Tunnels, and 11 Road Dams were completed with the exception of plastering to 1 Tunnel & 1 Road dam in progress-

9	Reconstructing Karaxxa Road	£	-	-	1002	13	-	Work stopped under reference-
		R	-	-	73	4	-	
			A	-	-	929	9	-
10	Reconstructing Balacherum Road Last inspected on the 28th. July 1868.			-	-	741	12	Completed 12th. October 1868.
11	Raising portion of Chittivalsa and Bimlipatam Road Last inspected on the 25th. August 1868.			-	-	277	-	Do 26th. August 1868
50	Constructing Trunk Road Area from Tuni to Chittivalsa Last inspected on the 27th. March 1869.	7342	-	1	25000	9	10	These works which are intended to complete the Trunk Road so as to render the mail line fit for rapid wheel traffic, were commenced in Nov. last, & owing to the complete failure of the hon. each monsoon in October & November 1868 & the consequent high prices of food, there has been an abundance of Coolly labor available - Owing to the great demand for brick layers & stone cutters for this District, the Godavery & Upper Godavery, there has been an insufficient supply of this Class of labor, but it is hoped that this difficulty will be gradually overcome as the progress of the works becomes more generally known. About 22 Miles of earth works have been completed to the estimated section & 5 More are in progress- Both metalling & turfing have been delayed by the hardness of the soil, and want of water owing to the long drought, and turfing cannot be commenced until after the June rains, but about 2 Miles of metalling has been laid without tamping, materials for 2 miles more have been deposited by the road side, and about 7000 Cyards have been excavated ready for carting- Two New Masonry works have been completed, 19 are now in progress, and Materials for 41 others have been collected- About 5000 people are employed upon the works-

41

		G	9936	4	8	5598	10	
		R	-	-	-	93	12	
		A	9936	4	8	5588	14	Total Communications (4)
		G	15145	15	11	91686	9	6
		R	680	5	-	649	5	11
		A	14465	10	11	85194	3	7 Total Original Works
	Repairs Civil Buildings.							
15	Repairing Sea Custom Office at Bimlipatam Last inspected on the 27th February 69	G	-	-	-	85	10	2 Remaining work unnecessary, in consequence of the new works lately sanctioned.
		R	-	-	-	3	8	-
		A	-	-	-	82	2	2
16	Certain Ordinary repairs to the Session Court at Vizagapatam Last inspected on the 31st August 1868.		-	-	-	168	-	- Completed 28th July 1868
17	Ordinary repairs to the Church at Vizagapatam Last inspected on the 7th September 68.	G	-	-	-	244	9	4 Do & accounts settled.
		R	-	7	7	12	9	4
			-	7	7	232	-	-
18	Ordinary repairs to the Municipal Court at Vizagapatam Last inspected on the 29th June 1868.		-	-	-	120		Completed 27th July 1868.
19	Repairing the new Burial ground at Vizagapatam Last inspected on the 30th July 1868	G	-	-	-	102	15	7 Do 28th July 1868
		R	-	-	-	2	9	7
		A	-	-	-	73	-	-
20	Ordinary repairs to the compound wall of the old Cemetery at Vizagapatam Last inspected on the 29th June 1868.		-	-	-	60	-	- Do 6th June 1868.

43	Repairs to the Lubendiary Jail at Vizagapatam	G	-	-	-	80	14	Completed 27th June 1868.
		R	-	-	-	-	14	
	Last inspected on the 29th June 1868.	A	-	-	-	80	-	
61	Whitewashing the Sheriff's at Bimlipatam		14	6		44	36	In progress.
	Last inspected on the 25th March 1869.							
77	Repairing the Sea Custom Office at Vizagapatam		-	-	-	-	-	
		G	14	6		906	47	
		R	-	77		27	44	
		A	13	14	5	859	58	Total Civil Buildings

Communications.

21	Repairing Trunk Road No. 5 from June to Chittivulsa	G	260	10		6259	131	Completed
	Last inspected on the 27th March 69	A	250	24		6238	157	
22	Repairing Branch Road from Vizagapatam to Anakapilly		523	5		3996	58	Completed.
	Last inspected on the 10th March 1869.							
23	Repairing Branch Road from Vizagapatam to Vamoolavulsa	G	-	-	-	3127	103	Completed.
	Last inspected on the 25th March 1869.					3000	-	
		G	783	23		13383	13	
		A	645	86		13235	53	Total Communications.

		C	797	8	3	14290	1	7
		A	659	6	11	14,094	10	11
								Total Repairs
		C	1594 3	8	2	105,975	11	1
		A	15125	1	10	99,288	14	6
								Total Imperial Fund.

Local Fund.
Educational
New Works
Civil Buildings

24	Constructing an Anglo Vernacular School at Bimlipatam — Supplemental	C	44	15.	910	14	7	Completed on the 10th December 1868, there is a Lyall Balance of the Estimate which may be required if there is any leakage in June rains.
	Last inspected on the 27th February 1869.	A	44	15.	899	6	1	
		C	44	15.	910	14	7	
		A	44	15.	899	6	1	Total Civil Buildings

District Road Fund.
New Works
Communications

25	Road from Chodavaram to Anakapilli with branch to Lakkarum	C	2860	0	0	9970	13	1
	Last inspected on the 15th March 1869.	A	2860	0	0	9935*	13	1

This work was commenced in September 1868 and the principal cause of delay has been that the compensation for the enam lands, houses & trees in the line of the works has not yet been settled by the Revenue Department. About 1/2 Miles of Earth works have been completed, and about 1/2 Miles are in progress. About 1500 Cyds of Gravel have been delivered on the works, but owing the long drought & consequent scarcity of water, both Gravelling and turfing must be delayed until after the June rains.
5 1/2 Miles of thick jungle on the Lakkarum branch have been cleared.

* N. B. This expenditure does not include the sums paid for compensation which will be found, shown separately, under the Head "Advances to Civil Officers".

26	Road from Anakapilly to Munagapaka being 3¼ Miles Last inspected on the 13th March 69.	573	8	2	660	12	3
61220							
62	Road from Munagapaka to Pudimadaka being 10 Miles Last inspected on the 13th March 1869.	1203	5	"	1203	5	"
74	Improvements of the Road from Vizagapatam to Gopalpatam on the Cassipore line, the 1st 6½ Miles Last inspected on the 16th March 1869.	1383	"	"	1636	2	"
	* N. B. This expenditure does not include the Sums paid for compensation, which will be found, shown separately, under the Head "Advances to Civil Officers"	6020	3	8	13470	14	6
		6020	3	8	13435	14	6

The foundations of the Gonada bridge and of 2 Tunnels have been commenced and Materials collected for 37 other Masonry works. But the Scarcity of bricklayers is a cause of much delay with this portion of the work.

About 2500 people are employed on these works.

69

The permanent marking out of the whole line has been completed.

About 1 Mile of earth works have been completed, and Materials are being collected for the Masonry works.

About 2000 people are employed on the works.

The permanent marking out of the whole line has been finished.

About 2 Miles of Earth works have been completed, and Materials are being collected for the Masonry works.

About 4 Miles of earth works completed with out turfing.

460 Rgards of Pavelling completed and 500 Yards in progress.

2720 Yards of prickly pear cleared also works of 3 new Tunnels, and for the Masonry of 5 Aboned in progress lengthening

Total Communications

Port Fund.

72	Reconstruction of the Masters Attendants Office with an upper story at Bimlipatam	398	10	3	398	10	3	No work demolished & foundations of the new work in progress.
		398	10	3	398	10	3	Total Port Fund.

Repairs.

Communications

		G	6463	12	11	14780	7	4
						33	8	6
		Rs	6463	12	11	14733	14	10
27	Repairing portion of Seypore Road via Croongarapoochetta & Darrisore from Vizagapatam Last inspected on the 31st March 1869.		536	11	10	3385	11	7
28	Repairs to Road from Bimlipatam to Chittivalsa Last inspected on the 8th January 1869	G	-	-	-	1095	14	5
		Rs	-	-	-	1077	-	-
29	Repairs to Road from Bimlipatam to Vamoolavalsa Last inspected on the 25th March 1869.		1	11	1	191	-	-
30	Road from Ankapilly to Tantipurty		-	-	-	-	-	-
31	Taking Returns of the Traffic on the Roads of Vizagapatam Range		-	-	-	27	-	6
50	Boaring to ascertain nature of soil in the bed of the backwater		-	-	-	73	8	-
		G	538	6	11	4773	2	6
		Rs	538	6	11	4754	4	1

Completed on the 27th November 1868

Do

Completed-

Completed-

Total Communications-

Port Hood

Mis: Public Works Improvements.
Repairs.

44	Repairing Signallers house at Bin- lispatam Each inspected on the 9th October 1868	G	-	-	105	-	Completed-
		A	-	-	80	-	
45	Repairing basement of Flag staff at Binlispatam Each inspected on the 9th October 1868	G	-	-	56	-	Do
		G	-	-	161	-	Total Miscellaneous Public Works Improvements
		A	-	-	136	-	
		G	538	64	4934	26	
		A	538	64	4890	41	Total Repairs
		G	7002	30	19749	10	
		A	7002	30	19624	11	Total Local funds-
		G	22945	12	125690	11	
		A	22127	58	118913	53	Total Imperial & Local funds-

Tools and Plant

Local

District Road Fund.

Cost of Tools for the use of No. II Range Vizagapatam	- -	134	14 -
Landing charges for Tools for the use of Local Fund works	- -	18	3 -
	- -	1366	1 - Total Local.

Petty Establishment

Permanent

District Road Fund.

Salary of Local fund Overseer	- -	228	11 4
Salary of Local fund Mistries	40 -	203	- -

Educational Fund.

Temporary	- -	10	- -
	40 -	442	11 4 Total Construction of Local fund.

Advances to Civil Officers

Superintendent of Police.

Capt. W. H. Traser.

Repairing the Police Station house Verandah at Vizianagram	- -	34	8 -

Collector of Vizagapatam.
J. I. Hindley Esqr.

Compensation to the Roads in the Range	- - -	1000 - -
Do to the sites for Buildings at Parvatteepore	- - -	120 - -
Pettaghaut Road	- - -	1000 - -
Clearing jungle in Ceylpore Country	- - -	1000 - -
Paving streets in the Town of Vizagapatam	- - -	800 - -
Compensation to the Roads taken from Vizagapatam to Punchadarla		
Do to the Roads taken from Parvateepore to the Boundary of Bobbily in the Parvateepore Taluq		423 - -
Compensation for the Land taken up for Constructing a Lunatic Asylum at Vizagapatam	- -	652 - 11
Do Do for new Zillah Jail at Vizagapatam	- -	2370 12 -
Do Do for the Land taken up for Chodaveram Road	- -	169 8 -
Do Do for the Land taken up for the Gubbada Annicut	- - -	1126 14 -

Collector of Vizagapatam.
S. S. Rindchin Esqr.

Compensation to the Roads in the Range	-	-	400 - -
Do to the sites for Buildings at Parvatteepore	-	-	20 - -
Pettaghaut Road	-	-	000 - -
Clearing jungle in Seypore Country	-	-	0000 - -
Paving streets in the Town of Vizagapatam	-	-	800 - -
Compensation to the Roads taken from Vizagapatam to Punchadar-la	-	-	423 - -
Do to the Roads taken from Parvateepore to the Boundary of Bobbily in the Parvateepore Taluq			
Compensation for the Land taken up for Constructing a Lunatic Asylum at Vizagapatam	-	-	652 - 11
Do Do for new Zillah Jail at Vizagapatam	-	-	2370 12 -
Do Do for the Land taken up for Chodaveram Road	-	-	169 8 -
Do Do for the Land taken up for the Gubbada Annicut	-	-	1126 14 -

Compensation for the Land taken up for Improvements of the Road from Vizagapatam to Gopalpatam on the Cuddapore line the 1m 6f Miles	13	3	14	
Do for the Land taken up for ~~Communication~~ construction of a Ball practice Ground for the R. Irt. Regiment at Vizagapatam	77	4	0	77 4 0
	1441	2	0	28641 12 11 Total Advances to Civil Officers.
	1481	2	0	30449 9 3 Grand Total Tools, Establishment & Advances
	23,608	7	8	149,362 10 8 Grand Total of Public Works Expenditure

Executive Engr
Vizagapatam
13th April 69.

R. Beatty Capt. R.E.
Executive Engineer Vizagapatam

Compd.
T. Rama Rau Dy
Clerk

Dd T. L. Proctor Lawrence Esqr
Head Accountant

Public Works Department

No. 3457

61

Proceedings of the Madras Government

Under date the 27th October 69.

Read the following

Ro. of the Board of Revenue / F. E. No. 7012 of 21st Sept. / 69 /

Communicated to the Superintending Engineer of the 1st Div

The Government observe that the allotment for the road from Palcon-dah to Parvatipore during 1868/9 was Rs. 9,500 and not Rs. 19,405 as stated by the Collector, and that this latter sum was the amount of the estimates for

for the improvement
of the line. The
allotment of Rs. 9500
was surrendered by the
Superintending Engr.
in the statement ac-
companying his letter
dated 2nd February 1869
No. 205 with this remark -
"Range Officer called
on to explain". Capt.
Fraser Fischer will sub-
mit such explanations
as might have been
furnished by the

Officer, and report fully
on the present con-
dition of the road
and the nature of the
work carried out
for the outlay of Rs.
10,392 incurred pre-
vious to 1868/69.

[illegible]
[illegible]
[illegible]

Cue 4128

Govt. of {1869} Madras.

PUBLIC WORKS.

To Superintending Engr.
1st Division.

Encl. 1/1

Rec'd 17-Oct. 1869. No. 3651

Nos. 843-844

Forg the Board of Revs
a report of the Collector
of Bellary the Engage-
ing 1868-69 - and to
with instructions

P. 6th Oct. 1869 A. 9th