Public Works (1898) Department.

G.O., No. 1369 W

DATED 1st June 98

[Despatch Abstract.]

Maintenance of the Mount and Poonamallee Roads: Considering that the — must be left for the present in the hands of the Madras municipality but pointing out to that body that the grant-in-aid may be withheld if the roads are not kept in good order.

98/6

7
1.6.98

Indexed 2/6

0S/37 2/6/98

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	557 W.	D/	24.2.87. 80				
	1286 W,	D/	21.5.86				
	1423 W.	D/	11.5.67 86				
	605a	D/	1.2.66.				
	Public Dept	No. 1	of 1852				

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

P.W. DEPARTMENT.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government (1898) of Madras.
PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. *Spare copies*

G.O., No. 1369 W., 1st June 1898.

JUNE.

Maintenance of the Mount and Poonamallee Roads

Considering that the — must be left for the present in the hands of the Madras Municipality, but pointing out to that body that the grant-in-aid may be withheld if the roads are not kept in good order.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :— No reference NA

From the Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Madras, 1st December 1897.

What road? NA

I have inspected the road; it is just 4½ miles in length; the metalled portion varies (see statement); the area of it is 8,474 squares.

I would collect a recoat of 2″ of granite broken to 1″ cubes, and bind with ¾ to 1″ gravel, re-forming surface. Hopping, in my opinion, is excessive. The surface is now terribly uneven, and "nutmeg grated." The recently recoated portions must become so after a little wear, for the metal is coarsely and unevenly broken.

That there is a great thickness of metal on the road at present I am confident. I have not of course made any holes to ascertain the amount. Any way 9″ which is the right depth of main road would be obtained with the 2″ recoat.

The first year's expenditure would be necessarily heavy to get the road in order; but a recoat would not be necessary for another four or five years if this granite wears like diorite I have used, and there is no reason to believe it will not.

From rates here—

	RS.
8,474 squares will cost to recoat at 1/12 per square	14,900
Repair maintenance for four subsequent years at 1,200 * a mile 4½ miles	21,600
	5 | 36,500

Total for one year, Rs. * 7,300 approximately.

I apprehend no difficulties about—

(i) Water.
(ii) Depots.
(iii) Breakage to guage.

* These figures include a maintenance gang of—

	RS.
One head cooly at Rs. 7	84
Six men coolies at Rs. 6	432
Four women coolies at Rs. 4½	216
Total ..	732 per annum.

From Lieutenant-Colonel Sir GEORGE MOORE, *Kt.*, C.I.E., President, Municipal Commission, to the Acting Secretary to Government, Public Works Department, dated Madras, 5th January 1898, No. 1044 P.W.

In reply to your letter No. 5322-C., dated 8th December 1897, I have the honour to inform you that I cannot approve of the proposal made therein for the following reasons :—

(1) the streets are vested in the Commissioners;
(2) that the dual authority over the roads would lead to complications especially in connection with alteration and maintenance of water pipes and sewers and in dealing with the tramways.

From the Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Madras, 20th January 1898, No. 2626.

Herewith estimate for both roads; it is more than the Rs. 9,000 allowed to Municipality but it is as well to be on the safe side.

1,200 a mile is very high for upkeep per mile if a road is in order, but on Agra-Bombay my average was 250 less some distance out and more near the large towns. I don't think the traffic is very heavy on these two roads from what I see and probably 600—700 would suffice. Any way the roads would be in order for 12,000 and they are terrible now.

From the Consulting Architect to Government, to the Secretary to Government, Public Works Department, dated Madras, 2nd March 1898, No. 2985.

Herewith copy of a tender by a reliable contractor for 2″ granite, &c., at 1/12 per cent. square feet.

I have just done a bit of renewal 23,040 square of laterite 3″ thick near these offices. It has been measured up and paid for—

230 squares have cost Rs. 388-9-2, or say, 1/11 per cent. square feet.

Metalling.

Granite and gravel 2″ thick for 100 square feet—	RS.	A.	F.
7½ parahs (17½ cubic feet) of granite broken to 1½ to 2″ cube at 2¼ As. per parah	1	0	10½
2 parahs (4⅔ cubic feet) gravel, Guindy, at 1¼ As. per parah ...	0	2	6
Breaking large pieces of stones to 1″ cube	0	2	0
Picking up road, spreading metal, watering and tamping ...	0	4	0
Contractor's profit on material	0	2	0
Sundries	0	0	7½
Total per square ...	1	12	0

Order—No. 1369 W., dated 1st June 1898. flag A

In G.O., No. 1429 P.W., dated 11th May 1867, the Government made an annual allowance of Rs. 9,058 to the Municipality for the conservancy and repair of the roads leading from the Fort towards St. Thomas' Mount and Poonamallee, the reason being that these roads, as great Military lines of communication, should be maintained at the expense of the State and the grant has been continued ever since.

2. These two great thoroughfares of Madras are generally in a bad state of repair and in letter No. 5322-C., dated 8th December 1897, the Chief Engineer, Public Works Department, asked the President of the Municipality if he saw any objection to the Government grant being resumed and the maintenance of the roads transferred to the charge of the Consulting Architect.

3. The President does not approve the transfer on the grounds that the streets are vested in the Commissioners, and that dual control over the roads would lead to complications especially in connection with the alteration and maintenance of water pipes and sewers and in dealing with the tramways.

4. His Excellency the Governor in Council considers that the maintenance of the roads must be left for the present in the hands of the Municipality, but desires to point out to that body that the grant-in-aid may be withheld if the roads are not kept in good order.

(True Extract.)

Under Secretary to Government.

To the Consulting Architect to Government.
„ Local and Municipal Department.

Exd. Shaik Karim.

P.W. DEPARTMENT. 5

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.
Print { Current No. 12100 of 1897, dated 6th December 1897, from the C.A. to Govt
" " 98 " 1898, " 6th January 1898, " the President, Municipal Commrs Madras
" " 570 " 1898, " 21st Do 1898 " the C.A. to Govt
" " 1964 " 1898, " 3rd March 1898 " Do

N- 1369 W d/ 1st June 1898

ORDER.

The Hon'ble Sir Henry Bliss K.C.I.E.

I should alter as shown in blue pencil below
HW
23/5/98

The Local & Municipal Department for favour of countersign[illegible].

T/B. Prs

In G.O. No. 1429 P.W. dated 11 May 1867, the Government made an annual allowance of Rs 9058 to the Municipality for the conservancy and repair of the roads leading from the Fort towards St. Thomas Mount and Poonamallee, the reason being that these roads, as great military lines of communication, should be maintained at the expense of the state and the grant has been continued ever since.

2. These two great thoroughfares of Madras are ~~always~~ generally in a ~~wretched~~ bad state of repair, and in letter No. 5322 C dated 8th December 1897 the Chief Engineer P.W.D asked the President of the Municipality if he saw any objection to the Government grant being

[P. W. 4. / 500—27-1-98.]

L & M for C&II 5/98 H M C 4 20 5/98 R 25 5/98 being resumed and the maintenance of the roads transferred to the charge of the Consulting Architect.

3. The President does not approve the transfer on the grounds that the streets are vested in the Commissioners, and that dual control over the roads would lead to complications especially in connection with the alteration and maintenance of water pipes and sewers and in dealing with the Tramways.

4. His Excellency the Governor-~~in~~-Council ~~has no objection to the maintenance of the roads being continued by the Municipality~~ considers that the maintenance of the roads must be left in the present in the hands of the Municipality, but desires to ~~impress on~~ point out to that body that the grant-in-aid ~~will~~ may be withheld or suspended if the roads are not kept in good order.

point out to

may ✓

11.5.98

Issue the order as amended.
AHK 26.5.98
DW.

May

W
195.98

21/5/98

The C.A. to Govt
" L & M Depts

7

P.W. DEPARTMENT.

[43]

C. No. 12100 of 97, 98 of 98, 570 of 98, & 1964 of 98

SUBJECT. Maintenance of the Mount & Poonamallee Roads.

(2) HIS EXCELLENCY THE GOVERNOR.
(1) THE HON'BLE SIR HENRY BLISS, K.C.I.E.
(3) THE HON'BLE MR. GROSE, C.I.E.

UNDER SECY TO GOVT
25 MAR 9

FOR ORDERS.

In G.O. no 1429 P.W. dated 11 May 1867, the Govt. made an annual allowance of Rs 9,058 to the Municipality for the conservancy & repair of the roads leading from the Fort towards St. Thomas' Mount & Poonamallee, the reason being that these roads as great military lines of communication, should be maintained at the expense of the State, - & the grant has been paid ever since.

2 These two great thoroughfares of Madras are always in a wretched state of repair, & in letter No 5322 C dated 8.12.97, the undersigned asked the

× Flagged A

A

The roads are vested by law in the Munl. Comrs & I therefore think we had better leave them alone.
HB
2/5/98

I think we must; but we must, also, stir up the M.C. without ceasing, to keep the roads in good order. I suppose we can, at will, suspend or discontinue our grant in aid?
A.H. 5.5.98

The Secy to [illegible] for consideration [illegible]

Note for the Secy

No objection in this department to the resumption of the Govt grant and the transfer of the maintenance of the roads to the Consulting Architect, as proposed, provided it is distinctly understood that the transfer does not affect the right of the Munl. Commissioners to alter or otherwise interfere with them when necessary.
30/3/98

+ Flagged M

Hb 4/5/98

8/5/98

H 22.4.98

President of the Municipality if he saw any objection to the Govt. grant being resumed, & the maintenance of the roads transferred to the charge of the Consulting Architect.

3. The President does not approve the transfer on the grounds that the streets are vested in the Commissioners, & that dual authority over the roads would lead to complication, especially in connection with the alteration & maintenance of water pipes & sewers, & in dealing with the Tramways.

4. The Consulting Architect has furnished two estimates for the annual maintenance of the roads, Rs 7286 for the Mount Road from Wallajah Bridge to the Saidapet toll gate, & Rs 5234 for the Poonamallee Road from the Fort to the Military Orphan Asylum

toll gate. The total is thus Rs 12,520, against the present grant of Rs 9058, but the Consg. Architect undertakes to keep the roads in good order for Rs 12000.

5. I think the Consg Architects estimate is high, & that he will be able to keep the 2 roads in good repair for the amount of the Govt. grant now given, as soon as he has once got them into proper order. But even if it does cost Rs 12000 per annum to keep them in good order it is better to pay that than Rs 9058 for roads in their present condition.

6 The C. A. is well

acquainted with the art of road making, assures me that he has sufficient time at his disposal for supervising the work, and I think I may say with confidence that he will keep these 2 important roads in excellent order, & make them an object lesson which the Municipality much needs. I see no reason why the complications mentioned by the President. M.C. should arise.

I therefore recommend that the grant be renewed, & the roads taken over by Govt within Dept from 1 April 1898

11.2.98

Though the matter is not free from doubt – depending upon the phrase "kept under the control of the Local Govt." occurring in India Act XIV of 1856. s.5 & subsequent legislation – it would probably cause too much administrative disturbance to argue that the Mount Road does not vest in the Commissioners.

2. That being so, it is the Commissioners who under Act I of /84 are required to cause the road to be repaired.

3. They might indeed accept the Govt. Architect as their Agent; but on the other hand they might refuse. It would seem they must consent for the course proposed to be proper.

H.T.
28 4 98

P.S. Of course moral pressure could be applied by a threat of withholding the Grant.

Public Works (1898) Department.

CURRENT No. 1964

Order

From

The Consulting Architect
to the Government
of Madras

No. 2985

Dated 2d March 1898

Received } 3.3.98.
Registered }

Enclosures 3 2

Spare copies

SUBJECT.

Returning duly verified the rates of the estimate of the probable cost of maintaining the Mount Road and Poonamallee Road

BACK PAPERS.	
No.	Date.
~~1052C~~	~~21-2-98~~
~~134C~~	~~6.1.98~~
5073C	26.11.97
587W	24.2.87
1286W	21.5.86
1429W	11.5.67
No. 405	1.2.66.
No. 21 of 1832.	

FURTHER PAPERS.	
No.	Date.

Measurements of Poonamalee Road from the Fort outside

Cno 1964

08869

DW

File resubmitted, I having made the note ordered by you.

Action in regard to the transfer of the roads to the P.W.D. has now to be taken. The papers might perhaps be submitted to W.

4.3.98

To W for disposal

4.3.98

Please write a note to go to H.E. giving a history of the roads & my action in the matter. I'll add my recommendation at the end

a draft note submitted. [illegible] 4.3.98

W

W wants to know whether there is anything on record in our office to show what grant [illegible] may be allowing the Madras Municipality for the upkeep of [illegible]

CDM

24/11 97

Dw.

The amount annually paid by Govt. to the Madras Municipality for the upkeep of bridges and roads is Rs 13,501. The G. Os. sanctioning this amount are very old and should be obtained from the General Records. Kindly say whether the papers

A/ should be obtained.

Mus
24/11/97

Yes please

[illegible]
24.11.97

B/
Herewith papers
[illegible] 25/11/97

W/

Submitted.

(1) Upkeep of roads. . . Rs 9058
+ Flag A
(G.O 1429 d/ 11th May 1867.)

(2) Upkeep of bridges . . . 3381 + 1062
+ Flag B
(G.O. 1286 W d/ 21st May 1886)
+ Flag D
(& G.O. No. 557 W d/ 24th Feby 1887)

Total Rs 13,501

CM
26.11.97

16

Measurements of Poonamalee Road from the Fort outside St George's gate to the Toll Gate at Military Female Orphan Asylum

19

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Measurements in Feet. Breadth.	Measurements in Feet. Depth.	widths of side of road unmetalled Area or Contents.	~~Total Quantity of each description of Work.~~
1	2	3	4	5	6	7
Road from West side of Pophams Broadway, outside Fort to S. I. Railway Gate	1	100–0	88–0	8,800	8–0	8–0
Do – do – East side of S. I. Railway Gate.	1	143–0	28–0	4,004	10–0	7–0
Road from S. I. Railway Gate West side for 200 feet	1	200–0	29–0	5,800	7–0	8–0
Do do up to Regimental Hospital Gate	1	950–0	30–0	28,500	7–0	8–0
Road from Regimental Hospital gate to Water Cistern	1	650–0	47–6	30,875	7–6	7–0
Road from Water Cistern up to General Hospital Gate	1	150–0	52–0	7,800	9–0	4–0
Road from General Hospital gate up to East end of General Hospital bridge	1	300–0	53–0	15,900	15–6	4–0
Road from East end up to West end of bridge	1	190–0	47–0	8,930		
Road from West end of bridge up to Peoples Park West gate	1	1200–0	49–6	59,400	20–0	12–0
Road from Peoples Park West gate up to S. I. Railway gate of Periamett	1	200–0	53–0	10,600	14–0	12–0
Road from S. I. R. gate of Periamett up to Madras Ice House Compound.	1	300–0	39–6	11,850	7–0	8–0
Carried Over	feet	4383		1,92,459	Sft.	

V.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	~~Area or Contents.~~ Width of side grounds	~~Total Quantity of each description of Work~~
1	2	3	4	5	6	7
		ft		Sft		
Brought forwd.		4383		192,459		
Road from Madras Ice House Compound to 1st mile Stone	1	623	39-6	24,609	7 — 0	8
Road from Mile Stone upto Cunningham Post box	1	500	39-6	19,750	13 — 0	6
Road from Mile Stone School of Arts next Gate	1	605	39-6	23,898	13 — 0	4
Do — do — up to East end of Tram way Compound	1	900	39-6	35,550	11 — 0	6
Do — do — up to East end of Tram way Power station	1	315	25-0	7,875	6 — 0	6
Do — do — up to S. I. Railway rubbish Tap	1	286	25-0	7,150	20 — 0	9
Do — do. up to East end of Ritherdon Road	1	850	25-0	21,250	6 — 0	8
Do — do — up to gate lord East side	1	750	25-0	18,750	6 — 0	6
Do — do — up to Police Commissioner's Office Road East side	1	650	25	16,250	12 — 0	11
Do — do — up to 2nd mile Stone	1	424	25	10,600	5 — 0	4
Do — do — Centre of Flowers' Road	1	1250	25	31,250	8 — 0	10
Do — do — up to centre of Police Kilpauk new station	1	500	25	12,500	5 — 0	9
Do — do — up to Post box	1	1150	25-0	28,750	8 — 0	8
Do — do — up to Centre Govt: Brick Fields gate	1	1200	25-0	30,000		
Do — do — up to 3rd Mile Stone	1	1180	25	29,500	9 — 0	10
Do — do — Hon: Rungiah Naidoo Garden East gate	1	1190	25	29,750	5 — 0	4
Do — do — up to West gate	1	610	25	15,250	9 — 0	12-6
Do — do — up to Toll gate	1	650	25	16,250	10 — 0	10-0
			Total	571,391		
Deduction Tram way length	1	5553	~~13~~ 6-6	36,095		
				535,296		

of which the Tram way agree to repair 6½ in width the other 6' is still in dispute. Say 5353 Squares

Total Length — feet 18016
= Mile 3 – 725 yds. & 1 foot

No. 2985 dated 2nd March 1898

To Dir.

Herewith copy of an tender by a reliable contractor for 2" granite &c.

@ 1/12/- per 100 sft.

I have just done a bit of renewal 23040 sft. of laterite 3" thick – near these offices. It has been measured up & paid for:–

230 squares have cost 388. 9. 2 or say 1.11 per 100 sft.

1/3/98. [illegible]
C. A. to Govt.

1/1 X.

Metalling

Granite and gravel 2 inches thick for 100 Sfeet.

7½ Parahs (17½ Cft) of granite broken to 1½ to 2 inches cube at 2¼ as per parah	1-0-10½
2 Parahs (4⅔ Cft) Gravel, Gummdy at 1¼ as per parah	0-2-6
Breaking large pieces of stones to 1" cube	0-2-0
Picking up road, spreading metal, watering and ramping	0-4-0
Contractors profit on materials	0-2-0
Sundries	0-0-7½
Total per Square Rs.	1-12-0

Passed S.

21

T. Please note that in Madras 2" recoating with granite & 3" with laterite can be done for R 1.12.0 per 100 sq. ft –
Enter this as a note in the schedule.
[illegible]
3/3/98

Noted & entered in schedule.
[illegible]
4.3.98.

Dir.
[illegible]
C.E.
3-3-98

22

without Toll Gate charges, royalty & breaking 2" Cubes into 1" Cubes.

Gravel 1" thick

Average distance 4 miles

Gravel at Quarry	0-6-0
Cartage first 3 Miles as per Schedule Col 3	4-0-0
For additional 1 Mile vide remarks Column 3	0-12-0
Total for 100 Cub Ft	5-2-0
∴ for 9 Cub Ft (10'×10'×1")	0-7-0
Stacking	0-0-4
Spreading, Watering, Ramming	0-6-0
	Rs 0-13-4

without Toll Gate charges & Royalty.

Total for Metalling & Gravelling Rs 4-4-1 against Rs 1-12-0 in Estimate.

These remarks also apply to Estimate (b).

It seems desirable to call upon the Consulting Architect for a reliable data before sanctioning the Estimate.

W.R.W.
18.2.98.

D.W.

For the Secy.

We obtained these estimates with a view to proposing that the maintenance of the Mount & Poonamallee Roads should be withdrawn from the Municipality, & handed over to the P.W. Dept.

C.E.
18/2/98

C/

No. 1054 C.D/21-2-98

C.A.

Please verify your rates for metalling and gravelling with ref. to the details given in this note

18/2/98
D.W.

[P W. 60
250—30-9-97.]

Public Works Department.

23

Current No. 570

Letter No. 2626

Dated 20th January 1898

From the Consulting Architect to Govt.

NOTE BY TECHNICAL SECTION.

Name of work Maintaining Roads in Madras.

The Consulting Architect to Govt. submits the under-mentioned Estimates.

(a) Estimate for maintaining Mount Road from Wallajah Bridge to Saidapet Toll Gate.
Rs 7,286.

(b) Estimate for maintaining Poonamallee Road from the Fort to Military Orphan Asylum Toll Gate.
Rs 5,234.

Estimate (a) provides for maintaining the road from Wallajah Bridge to Saidapet Toll Gate. Length of Road 4½ Miles. The breadth will vary according to requirements vide detailed Estimate. It is proposed to reform the surface with a Coat of 2" of granite broken to 1" Cubes & bind with

¾ to 1 inch of gravel, and maintain the road for 4 years subsequently at Rs 1,200 per mile per year.

On checking the rate for re-coating the surface it seems impossible that the work can be done at the rate quoted in the Estimate viz Rs 1-12-0 per square.

No data has been furnished but the following has been arrived at from rates allowed in the Schedule of the Consulting Architect Division. It is assumed that the metal has to be brought from Pallavaram 12 Miles distant from the Fort. and gravel from Guindy 6 Miles.

Metal average distance 10 Miles

For 1 square 2" thick

Data

Stone at Quarry	4-0-0
Cartage for first 3 Miles vide Column 2 page 28 of Schedule	5-0-0
Balance of cartage between 3 & 10 Miles = 7 Miles at 15 as per mile vide remark for Column 2	6-9-0
Total cost per 100 cub ft.	15-9-0
∴ for 17 cub ft (10×10×2")	2-10-5
Stacking	0-0-4
Picking old surface	0-4-0
spreading, watering, & ramming	0-8-0
	Rs 3-6-9

25

Public Works (1898) Department.

CURRENT No. 570

From
The Consulting Architect
to the Government
of Madras

No. 2626

~~**Order**~~

[illegible] standing [illegible] Estimate
20.1.98

Dated 20" January 1898.

Received } 21.1.98
Registered }

Enclosures 1 File of papers recd.

Spare copies

O.N. No. 1054C D/21-2-98

To C.A.

Please verify your rates for metalling and gravelling, with reference to the details given in this note×

(Sd) S.B.M.
D.W.

W/ [illegible]

CA [illegible]

R 22/1/98

× Note by Technical Section on the estes for maintaining the Mount & Poonamallee roads, Madras, submitted by C.A.

SUBJECT.

Submitting Estimates for maintaining Mount road from Wallajah bridge to Saidapet Toll gate and Poonamallee road from the Fort to Mily: Orphan Asylum Toll gate.

24/2/98

BACK PAPERS.

No.	Date.
134 C	10-1-98
5073 C	26-11-97
557 W.	24-2-87
1286 W	21-5-86
1429	11-5-67

FURTHER PAPERS.

No.	Date.

Rs 3 - 6 - 4

27

(E. No. 132.)

50,000—12-2-97.

No. 2626 dt: 20th January 1898.

To W.S.

Herewith estimate for both roads it is more than the 900/- allowed by Municipality – but [illegible] it is as well to be on the safe side.

1200/- a mile is very high for upkeep per mile if a road is in order – but on Agra-Bombay my average was 250/- less some distance out & more near the large towns – I don't think the traffic is very heavy on these 2 roads from what I see – & probably – 600/700 wd suffice – Anyway the roads wd be in order for 1200/- & they are terrible now –

C. A.

20/1/98.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works.)

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

26

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Estimate of the probable cost of maintaining the Mount Road and Poonamallee Road-				
74 Sqrs	Mount Road from the Wallajah Bridge to Sydapet toll gate	1-12..	100 Sqrs	14,830 ✓	
/2 Miles	Repair Maintenance for four subsequent years	1200...	Mile per year	21,600 ✓	
	For 5 years	=		36,430 ✓	
	average for 1 year				7,286 ✓
53 Sqrs	Poonamallee Road from the Fort to Mily: Orphan asylum toll gate	1-12..	100 Sqrs	9,368	
Miles	Repair Maintenance for four subsequent years-	1200..	Mile per year	16,800 ✓	
	For 5 years	=		26,168 ✓	
	average for 1 year				5,234 ✓

Please see deta Estimat Vide Ch 12100/97 in the fil

Grand Total of Estimate ..

STATION ——————
Date ——————189

Executive Engineer.

29

~~Local & Munl.~~ Public works (1898) Department.

CURRENT No. 98

From
THE PRESIDENT,
Municipal Commission,
Madras.

No 134c dated 10th January 1898.

~~Order~~ Endt.

Forwarded to C.A. for informn. I still think that these 2 roads had better be under us- but C.A's estimate refers to Mount Rd. only. He is expected to submit one for both roads which shd. if possible, be within the limit of the past ones given

10.2.98

W

With file- the retd.

P. W. No. 1044

Dated 5th January 1898
Received } 6.1.98
Registered }
Enclosures
Spare copies

SUBJECT.

Maintenance of roads leading from the Fort towards the Mount and Poonamallee

Informing that the proposed transfer of the above roads from the Municipality to the Consulting Architect is not approved of, as they are vested in the Commissioners and the dual authority over the roads would lead to complication.

30

BACK PAPERS.

G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No 5322 C dy 8.12.97

31

To the President,
Municipal Commission,
Madras.

Sir,

In G.O. No 1429 dated 11 May 1867 Govt. made an annual allowance of Rs 9,000 for the conservancy & repair of the roads leading from the Fort towards the Mount & Poonamallee, & it has apparently been paid ever since.

2. I - To inform you that Govt. propose to recommend to Govt. that this allowance should be resumed, & the maintenance of the roads placed in the hands of the Cons. Architect for the following reasons

(1) The roads, especially the Mount Road are always in a bad state of repair. The

Chr. papers to be checked

2.12.97

13694

principles on which they are maintained being wrong: is much too large metal is used.

(2) The Municipal Engineer has a great deal of work and must be impossible for him to supervise it all thoroughly. It wd therefore be a boon to him to be relieved of some of it.

(3) The Cons. Architect has very little work ~~at present~~ & is well able to devote considerable time to the up-keep of these roads.

3. I suggest you will be good enough to inform me whether you have any objection to this proposal.

2.12.97

No 5323 C d/ 8th December 1897.

To C.A.

for perusal and favour of return.

Please note that the Poonamallee Road is also included.

4.12.97

P.W. / 1

P. W. No. 1044

33

MUNICIPALITY OF MADRAS,

Public Works Department,

Madras, 5th January 1898.

From

LIEUT.-COL. SIR GEORGE MOORE, KT., C. I. E.,

President, Municipal Commission.

To

The Ag. Secretary,

Public Works Department,

Government of Madras.

SIR,

Enclosure.

In reply to your letter No. 5322 C dated 8th December 1897, I have the honour to inform you that I cannot approve of the proposal made therein for the following reasons:

(1) The streets are vested in the Commissioners.

(2) That the dual authority over the roads would lead to complications especially in connection with alteration and maintenance of water pipes and sewers and in dealing with the Tramways.

I have the honour to be,

Sir,

Your most obedient servant,

G. M. Moore Lt.-Col.

President, Munl. Commn.

Letter file. Recorded.

35

Public Works (1897) Department.

CURRENT No. 12100

From the Consg: Archt to Govt

Order

No.

Dated 1st December 1897

Received 6.12.97

Enclosures 1

Spare copies

SUBJECT.

Mount Road from Wallajah Gate bridge to Saidapet Toll Gate, Madras. Reg: the repairs and the maintenance of the —.

[P. W. 29. / 1,000—22-4-97.]

…0—20-8-97.]

with file [illegible]

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.
50 73C	26-11-97 Apl		

Measurements of the Mou 22 Road from Wallajah Gate Bridge, Fort St 2 ge to Saidapet Toll 6.7 : Madras.

Description	No.	Centre L.	B.	D.	[illegible]	[illegible]	Area of same	Remarks—
From North of the Wallajah Bridge & South of the Munro road to the 1st furlong	1	660	30	..	19800	R. 2-19		
From 1st furlong to 2nd	1	660	30	..	19800	2-19		
From 2nd furlong along Side roads at Munro Statue & [illegible]	2	515	29	.	29870	1-132 1-42 7/8		
Balance of 3rd furlong South of the Statue	1	145	30	..	4350	2-20		
From 3rd to 4th furlong	1	660	30	..	19800	2-20		
.. 4th furlong to North end of Wallaja Bridge near Govt House.	1	575	30	..	17250	2-20		
From N. End of Do to end of 5th furlong on Bridge	1	85	29	..	2465	Stone paths. 2-6		
From beginning of 5th furlong on Bridge to S. End of Bridge	1	337	29		9773	2-6		
From S. end of Bridge to 6th furlong	1	323	30		9690	2-20		
From 6th to 7th furlong	1	660	30		19800	2-15		This mile is in fair condition, but cut up in several places.
Do. 7th to 8th Do. or 1 Mile — or —	1	660 5280 ft.	30		19800 172398	1-8 7/8 1-30 ½		

50

From [illegible] 9" Furlong	1	660	42	27,720	2-22		Post off
" [illegible] to 10" Do	1	660	36	23,7[illegible]0	2-[illegible]		
" 10 to 11" Do	1	660	36	23,7[illegible]	[illegible]-17		
" 11 to 12" Do	1	660	36	[illegible]60	2-14-6		
" 12 to 13" Do	1	660	34	22,440	2-13		
" 13 to 14" Do	1	660	[illegible]	22,440	2-13		From 1st Mile Stone upto Neill's Statue 3/4 Mile Road is ve bad. ~~Repairs~~ [illegible]
" Do West of Neill Statue	1	28[illegible]	30	7,320			
" 14" to 15 Furlong	1	660	30	19,800	2-15		
" 15" to 16 Do or 2d Mile	1	660	30	19,800	2-15		
" 16 to 17" Furlong	1	660	33	21,780	2-16		
" 17 to 18	1	660	35	23,100	2-12-6		
" 18 to 19 "	1	660	26	17,160	2-12		By Royapetta Baz
" 19 to 20 "	1	660	26	17,160	2-14		
" 20 to 21st "	1	660	38	25,080	2-13-6		Ref St: George's Cath
" 21 to 22d "	1	660	38	25,080	2-15		
" 22 to 23 "	1	660	30	19,800	2-15		From Agri-Horticult Gardens Southward material is ste & Repairs is being d
" 23 to 24 or 3 Mile	1	660	48	31,680			
" 24 to 25 Furlong	1	660	50	33,000			Police Station $\frac{2}{3}$
" 25 to 26 "	1	660	45	29,700	2-7½		
" 26 to 27 "	1	660	40	26,400	2-10		Lately repaired
" 27 to 28 "	1	660	40	26,400	2-10		
" 28 to 29 "	1	660	40	26,400	2-10		
" 29 to 30 "	1	660	40	26,400	2-10		
" 30 to 31 "	1	660	40	26,400	2-12		
" 31 to 32 or 4th Mile	1	660	40	26,400	2-9		
" 32 to 33 Furlong	1	660	40	26,400	2-10		
" 33 to 34 "	1	660	40	26,400	2-10		
" 34 to 35 "	1	660	40	26,400	2-10		234 Total Length = 239
From 35 to Sydapet Toll gate	1	76	40	3040			" Area = 847 or 8474
Total L: 23935		23420		Sqft 847378			

[illegible] are held

BACK PAPERS.

FURTHER PAPERS.

OLS:E.1
12200/19

No. 5073C

39

Government of Madras,

P.W. **DEPARTMENT.**

Madras, 26th November 1897.

OFFICE NOTE.

From W

To C.A.

The Mount Road is maintained in such wretched condition by the municipality that I intend to propose that the grant therefor shd. be withdrawn, & the road placed under yr. charge. Please say whether you agree to this, & if so let me know what grant you wd. want for the road within municipal limits. An inspection of the road will shew you what width shd. be metalled.

Toto

I have inspected the road - it is just 4½ M. in length - the metalled portion varies (see statement) - the area of it is 8474 squares -

I wd. collect a recoat of 2" of granite broken to 1" cubes - & bind with ¾ to 1" gravel - reforming surface - Hopping in my opinion is excessive - the surface is now terribly uneven, & "nutmeg grated" - the recently recoated portions must become Flag A so after a little wear; for the metal is coarsely & unevenly broken -

That there is a great thickness of metal on the road at present I am confident - I have not of course made any holes to ascertain the amount - any way 9" which is the right depth of main road wd. be obtained ~~with the 2" recoat~~.

P.T.O

P. W. 48
600—20-8-97.

Little file - Re metal.

ACK PAPERS. FURTHER PAPERS.

The 1st years Expendre wd be necessarily heavy – to get the road in order – but a recoat wd not be necessary for another 4 or 5 years if this granite wears like diorite I have used – & there is no reason to believe it will not: –

From rates here.

8474 squares will cost to recoat @ 1/12/- sq. } – 14,829 Correct. Or say 14900 ~~Rs 10800.~~

Repair maintenance for 4 subsequent years @ 1200/-* a mile 4½ Ms – } 21600.

36500

5 / 32400

Total for 1 year. Rs 6500/-/- approx.y 7300

I apprehend no difficulties about.

(i) Water.
(ii) Depots.
(iii) Breakage to gangs

CA

1/12/17

* These figures include a maintenance gang. /-

1. Head Cooly @ 7 — 84
6 Men " 6 – 432
4 Women " 4½ – 216
732/ per annum