C.S.

PUBLIC WORKS

(Improvement Works).

1927.

No. 268 21

Executive Engineer.

SUBJECT.

1927.

18th June.

FURTHER REPORT ON THE CONDITION OF ROADS IN THE TOWN OF STANLEY.

Previous Paper.

446/25.

MINUTES.

1-13. Himte from Ex. Engineer of 18. June. 1927.

y. 2. Substrel. Leaving with the neting up of Dais Wrest author & 2,000 could will advantage to spent - out of surplus balance for the completion of the work of theating. 2. 1 shit MP. 32/26 siulkanung.

Subsequent Paper.

In. M.C. Graigis - Hallet Mr. D: F. O. f. Deans For the expression of your aprice here. please. Julian 3. 4. Le x offile the U.C. C-H. 1,2 16 fell school & 3,500 b cild Deni 21 129.6.7. 26. 6. 27 Non. (d. Sec. I am of opinion that the completion of the roads of Stanley Should be carried out. The cost, so you Suggest, could be noted. met from Surplus balances wurrow reducing Same to any appreciable extent, M. braigie Harket How Col. Surgeon.
To you accordingly.

MCH

27. 6. 27. How lot Secretary I concer with the openion expressed by the Home Col. Lowerver From a tyquence and Public Health point of been it is absolutely executed that The roads once drains should be completed.

Sheet No.

The frecent heavy fall of Snow goes to prove the benefit of good pools ance chains, as in former times when the Enow commenced to their the roads remained in a perfect quagnore for days, but the absence of this is most holicable on the roads that have been forsports Hollheane. Chamece. 28.6.27. Colomal Surgeon. y. E. Schthal. Itm. H. H. R. pula als your that the Unainy work i Hauly sheld be completed as

heat of the format trapmercunt Schane

2. I come att y the allegue

L'chine of Dani 21.

This is satisfactor

and shit a traft tolegram to 1.4.5. + ys. i comiderda. The referency to he knowing commpalure i this consider 3-2 = n. 1. 4+6/25 altacket 29. 6. 27 Telegram to S. of S. of 30 June, y. I Droft displie . withal. relegram from 5. of 5" July, 1927. Executive Council held on the 7th of July, 1927.

Extract from the minutes of the meeting of the

His Excellency intimated that the Secretary of State had communicated by telegram his approval of the expenditure of a further sum of £3,500 from surplus balances to defray the cost of the additional improvements proposed.

6. 2 pours Clerk of the Executive Council.

State of Palate.

Earl 10 192)

Sheet No. _____

Execute typical

For woh . Dork may

he put i band accordings i

antapolar of the onice of the

seurary francial allowy.

Trulu. 9, 4. La.

11.7.27

Hon Cal Sec.

noted and returned

16-17. Despatch to 5. of S. ho. 123 of 5" July, 1927.

18. humbe from Executive Engineer, 11 July, 1927.

The Treasure

Mr. Gl. Suyen . Seen Hell

70 sez.

July G. Cl. Va.

Avn. tol. Surgeon. Seen and passed to you. M. Pranjie Harken How Col. Secretary hotel pleune. Il Means 25.7.27 Colonial Surgeon. f. 26. 8/27 \$ 30. 9. 27 for 36 7 27. L 26, 8, 27. BF. 15. 10.27. 1. 8.11.27 La 15. 10. 27. 8. 12. 27 f. 9. 11. 27 hun whe from Ex. Engineer of 12 Lece. 1927. 19-21. Don. Treasure. dos your remarks. a / 6/3/2/17:

Am Cal Secretary The Vote under app I. 3 S.I. Works is now exhausted out is recessary to would a Special Warrant. The mireasis expenditive has heen approved orde Red 15. herein

AlChen for heasur 14/12/27

Y/F.
Special Warrant submitted
for Sovon of Your Excellency Signariere, a for (1.

we Fent.

1627 M.

How treasure,

Please withdraw Special. Harrand No. 64/27 und pass to Executive Enguest to note.

G. 16/12/27.

Executive Engineer,
S.W. withdrawn . The hassed to gon
Heler
Worksmann
16/11/17.

Aon Col Sec.

Roted hank you

Columbs

E.E. 1412-27.

Minute from Col. Engineer of 25 Jept. 1928. 22 - 24

Office Sol

. Afformul al S. W. Signel.

2. (stall be interested to what

the propen of this cook.

Jr. S

6. 10.25.

An. Treasurer.

8. h 54/28 and Reg. to Incur
herwith and please pass to lot. Rymin for
noti. 15: pr. 2.5.8.1028.

cs.O. No. 268/27 Inside Minute Paper. Ge Enjurer. SW. S4/18 9 AR NO 35 willdrawn Hon: bol. lee.

Noted hotels

Munite from Col and ropry of together with Copy of Sus 50/1929. 2329 You Col Treasurer.
Col Enginees.
For withdrawal of Spenial
Warrant. 5 0/19 rg sleased.
LV. Styles. An CS. So so with Amon Aller for neas 281,429 Son bol: Sec! hoted 83/11/M

No.

MINUTE.

(It is requested that, in any refer-ence to this minute, the above Number and the date may be quoted).

> Executive Engineer, From.

> > and gutters.

To

Improvement Works,

Port Stanley.

Stanley, Falkland Islands.

THE COLONIAL SECRETARY,

18th June, 19 27

I bes to report that on Sundar and Monday the 12th and 13th June, 1927., I made a general survey of the drains and roads in the town, and submit the following observations for your information.

DRAINS.

2. A heavy fall of rain was experienced on the evening of the 11th June, and in making a tour of the town on the 12th June, it was found that the drains laid under the Improvement Works had worked efficiently. It was noticed however that most of the gratings covering the sumps and several of the sumps had become choked with refuse, mostly of a putrid vegetable matter, which had no doubt been . blown by the strong wind from the roads and from the many unsatisfactory ash receptacles. This garden e refuse had been previously been thrown on the roads

Excerpted to

3. The materials collected from the gratings, sumps and manholes give proof of the casual method in vogue of disposing of house and garden refuse and waste from peat sheds. The refuse mentioned below was cleared from one manhole, which had been conveyed through the main sealed drains: -

> 2 lb. coffee tins. No.

- Coffee pot. I Mo.

4 yds. Fencing wire.
4 pcs. Fencing battens.
Quantity of cabbage stumps, tussoc and decay vegetable matter

(12

Excerpled to hus

- 4. I submit that the Government will not allow this method of disposal to continue as being the simplest and cheapest means, and if the drains are to continue to be choked with such refuse as mentioned above it will be disastrous to the new works being carried out.
- 5. The establishment of an official scavenging service would be the ideal to aim at, but in the meantime I would suggest that a tightening up of such regulations as are in force would greatly assist matters.

ROADS.

- c. The state of the majority of the roads above Fitzroy Load is appalling; many of them are nothing less than rough cart tracks and some are feet deep with mud and peat slurry.
- 7. The composition of these so called roads is mainly peat and clay, without any foundation, and after being cut up by carts, exposure to frost and heavy rains, these 'roads' become so impregnated withmoisture as to render them impassable.
- 8. Very little has been done to them in past years except for a little broken metal and peat ash to be thrown on them from time to time and then left for pedestrians and horses to consolidate.

 They lack any proper grading for carrying off surface water, and the presence of water and ponding is so detrimental to any road. The important principle of land drainage on many of the roads has been ignored, thus causing the present unsatisfactory condition.
- 9. The gradients of the roads running North and South to the South of John Street are generally

very steep of about I in 8. The open side ditches through these roads intended to carry off surface water have long ceased to function, with the result that the surface water finds its way down the road cutting deen ruts and flooding those parts of the town which are now being dealt with under the Improvement Morks, and unless this is remedied it will tend to jeopardize the drainage and road work now being carried out.

- IO. This flooding also saturates many of the backyards making them a quagaire, and as only a few of the houses have damp courses laid or under floor ventilation it is detrimental to the health of the occupiers.
- II. Apart from the ill effects and inconvenience this must have on the inhabitants, I submit that much of the LI5,500, which has been allocated to sealed and surface drainage and roads in the lower parts of Stanley under the Improvement Scheme, will be wasted, unless further sums are spent on many of the other roads and drains in the upper reaches of the town, and I beg to urge in the interests of the Government that this matter should receive serious consideration.
- I2. As stated in my report of the 20th June, 1925, there are approximately 5 miles of road within the town boundary, and the sum voted for roads under the Improvement Works covers approximately $I_{\overline{z}}^{\frac{1}{2}}$ miles of these roads.



The sum voted for Ross Road (from Public Jetty to West end of Salvina House, St. Tarvis salk and John Street, and the connecting roads. Earnack Street, Villiers Street, Dean Street and Thilomel Street is 25.600. (See Bases of Estimates forwarded with report dated 20th June, 1925). This left 2900 for other roads in the town, 2500 of which has been expended as follows:-

Rose Road) and road (from Rose Road) and road to Improvement works Depot. Forming road, rolling, watering etc.

d. . 230.

Ross Hoad (From alvina House corner to lasszine Valler Road/. Forming road, spreading netal, grading, rolling, blinding etc. and laying concrete navement.

T.85.

Allardyce street, Drury street, ning street.
Spreading metal, levelling ena filling holes suitable for traffic.

85.

ಒರಿ೦೦.

It is proposed to spend the remaining 400 on the following roads: -

Fitzroy Road (Last and). Renairs to road. (Vide M.P. 449/19).

50.

Remainder of Fitzroy Road.

100.

James Street.

50.

Allardyce Street.

50.

Philomel Street. (John St. to Fitzrov Road).

75.

75.

Moody Street.

£400.

14. Estimates are attached for improving the remaining roads in the town, together with photographs showing the existing condition of some of the roads.

C. Coberts.

<u>Incl.</u> Istimates. C No. photographs.

ROADS.

Estimates for Improving.

Ross Road. (From Public Jetty to Cemetery). Fill up not holes and trim sides	8	s.	(Ì
to allow surface water to flow to existing ditch.	65.	0.	0.
ritzrov Rosd (Last End). Thotograph No. 1 shows the present state of this road. Flesse see resident's petition and estimate for making up road in M.S. 449/19.			
2100 is being spent on this section of road from improvement works vote. Estimated further amount required.	80.	٥.	0.
Hebe Street. See photograph No. 2. Camber road, cut down sides to allow surface water to flow to stone			
channel, metal and clind.	448.	0.	0.
Philogel Street. This road is in a similar condition to Hebe Street as depicted on photograph No. 2.			
Camber, cut down sides, metal and blind road.	200.	0.	0.
Dean Street. See photograph Mo. 3. Camber, cut down sides, metal and bling road, and slab gutter on Sast side.	337.	10.	٥.
Villiers Street. See photograph No. 4. Camber, cut down sides, metal and blind road, and allow for			
eutter down Bast side between Fitzroy koad and John Street.	292.	0.	0.
Drury Street. Grade, metal and blind road.	125.	0.	0.

Carried Forward. 21,547. 10. 0.

£. S. d.

Brought forward. 1,547. 10. 0.

Two roads connecting Drury Street to Moody Street. East of "Rose" Hotel and West of Colonial Surgeon's Residence. Form foundation, camber, metal and blind etc. road, and allow for gutter down East side of road onnosite "Rose" Hotel.

ISI. 10. O.

Hoody street. (Last ma).

Hemove peat and clay, form foundation, camber, metal and blind road.

280. 0.

Road leading from Loody treet to Common sate.

Similar condition to Hebe Street (photograph Lo. 2). Samber, cut down sides, metal and blind road.

70. 0. 0.

Remove pest and clay. Form foundation, camber metal and blind road, slab bottom of ditch and grade bank down West side for 80 yards.

200. 0. 0.

Davis Street.

See photographs Nos. 5 and 6.
This road is deplorable.
There is but little property adjoining this road however, and it is only occasionally used for peat carting.
To make a road of this a considerable amount of excavation, blasting, clearing and drainage is needed.

1,200. 0. 0.

23,479. 0. 0.

(SAY. 23,480).

Estimated Cost.

TRN | LAN | 2 # 10-01.



FHOTOGRAPH Mo: I.

FITTERCY ROAD (East End), looking East. This road is composed of peat and clay, and is one of the principal tracks for carts supplying peat to Stanley. The road is practically impassable during wet weather.

alco is being spent on this section from the Improvement Works Vote, but it requires another 20 to make it into anything approaching a fair condition.

(Please see M.P. 449/19).



TRN/LAN 2#10-02



PHOTOGRAPH No: 2.

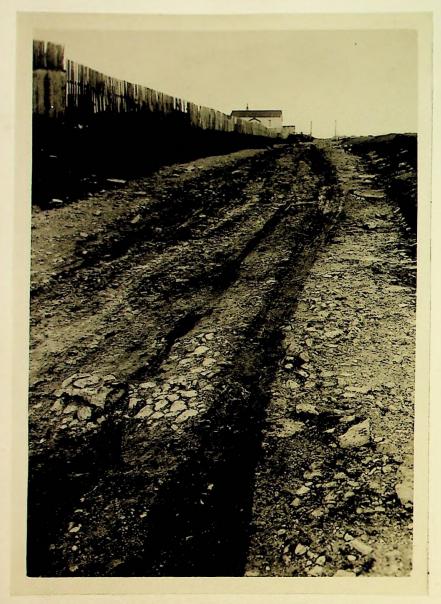
HIBE STREET, looking South.

This road has a solid foundation, but requires metalling to camber and sides cut down to enable surface water to be carried off by the stone lined channel.

Note the water course down the centre of road.

3

TRN |LAN |2 # 10 -03



PHOTOGRAPH No. 4.

water course down centre of road.

The bank on the left of picture between ditch and road requires cutting down to allow the surface water from the road to be carried off, and the road requires metalling to camber.

2

TRN |LAN | 2 #10-04



PHOTOGRAPH No. 5.

DAVIS STREET. (East End) looking West.

This section of road is devoid of any foundation and lacks land drainage.

Soft peat and clay should be removed and a hardcore foundation put in, with side drains and rubble cross drains at intervals.



PHOTOGRAPH No. 6.

DAVIS STREET. (Middle part, looking West.

This section of road is composed of peat and clay, and requires the same treatment as the East end (Mo. 5 photograph).

Mote the paraffin tin and tussock grass in foreground, and the rocks blocking the so called drainage ditch on the right of picture.





TELEGRAM.

From His Excellency the Governor.

 T_0 The Secretary of State for the Colonies.

Despatched:

30th June,

1927.

Time: 5.45 p.m.

Received:

192

Time:

CHAPELRIES

LONDON

Reds (2) and (3) in M.P.446/25. With reference to my despatch of 10th July No. 79 With reference to your telegram of 14th September 1925 with concurrence of Councils strongly recommend expenditure of further £3,500 from available surplus balances for improvement of all remaining roads in town of Stanley not included in scheme already approved. Additional improvements have been shewn during recent heavy rains to be essential to efficient working and maintenance of those hitherto effected and in any case I consider it preferable to complete scheme with existing personnel and organization in one operation rather than to leave portion for completion by annual extensions. Grateful for your sanction by telegram Despatch follows.

GOVERNOR.





TELEGRAM.

From The Secretary of State for the Colonies.

To His Excellency the Governor.

Despatched:

5th July, 1927. Time: 11.55 a.m.

Received:

6th July, 1927. Time: 10.15 a.m.

GOVERNOR

FALKLANDISLANDS.

PRICRITY.

Red 14.

Your telegram of 30th June Stanley Improvements proposals approved.

SECRETARY OF STATE FOR THE COLONIES

0

GOVERNMENT HOUSE, STANLEY, 5th July, 1927.

FALKLAND ISLANDS.

Sir,

I have the honour to refer to my telegram of the 30th of June, 1927, recommending the expenditure from the surplus balances of a further sum of £3,500 for the improvement of the remaining roads in the town of Stanley which are not included in the revised scheme of new works as approved by your telegram of the 14th of September, 1925, in reply to Sir John Middleton's despatch, No. 79 of the 10th of July, 1925.

In duplicate.

- 2. I enclose a copy of a report made in this connection by Mr. G. Roberts, Executive Engineer, together with copies of the six photographs thereto annexed, from which the need of the additional work proposed becomes only too apparent.
- 3. In my opinion the execution of the work cannot be long delayed and it seems both practical and economical to put it in hand as part of the scheme already in progress. I have consulted the members of the Executive and Legislative Councils in the matter and they are unanimous in their advice that the improvements in question are essentially required and should be undertaken at as early a date as possible.

4. /

RIGHT HONOURABLE

C. M. S. AMERY, P.C., M.P.,

SECRETARY OF STATE FOR THE COLONIES.



- 4. As you are aware the financial position is not such as to cause any difficulty. The surplus balances to the credit of the general account of the Colony amounted at the 31st of December, 1926, to £41,891 and the estimated expenditure during the current year against the sum so accumulated is £7,700 only. In any case, I understand, that it has been the intention hitherto to undertake these improvements in the near future either by annual extensions or other compromise.
- 5. I trust therefore that the sanction sought in my telegram referred to above will have been already granted by you.

I have the honour to be,

Sir,

Your most obedient,

humble servant.

ARNOLD HODSON.

(It is requested that, in any referonce to this minute, the above Number and the date may be quoted).

IIth July, 1927

From Executive Engineer,

To

Improvement Works,

THE COLONIAL SECRETARY,

stanlev.

Stanley, Falkland Islands.

Submitted.

Two extra sets of 6 photographs of roads accompanying my report dated 18th June, 1927., as requested verbally.

G. Roleers
Executive Engineer.

Stanley Improvement Work Department.

DateI2th December	er. 1927.
То	
THE HONOURABLE COLONIAL SECRETARY.	
I have the honour to apply for a Special Warrant for £. I 5 on Head. ADDENGIX. I. Subhead	00
Amount provided in Estimates	6 000.
Outstanding Liabilities incurred(29.60))48.
Balance remaining on vote	500.
C. Robert	
·····• = Secutive · Engin Head of Department.	16.6.T.
Comments of additional expenditure Treasurer. approved by Secretary plate as explained below Helen	
EXPLANATIONS.	en .
(If general authority has been given for the Expenditure the number of the Mand the Secretary of State's despatch, if any, should be quoted).	
Total Estimate increased from £35,000 to £38,	
The above amount of SI,500 is part of the S3,2 approved to be spent on the roads in Stanley by Secretary of State's telegram of 5th July, 1927	500
	*
То	19
THE HONOURABLE TREASURER,	
Special Warrant No. attached herewith for necessary action	
Colonial Secretar	у.

No.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).

MINUTE.

12th December, 19 27

From Executive Engineer.

To

Improvement Works.

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

XX. Appendix I (3). - Stanley Improvement Works.

I beg to submit for approval a Special Warrant on the above item for the sum of £1,500., being part of the 23,500 approved by the Secretary of State's telegram of 5th July, 1927., to be spent on the roads etc. in Stanley.

> The expenditure to date for 1927 (to 8/12/27). is. 26,048.

Estimated further expenditure

to end of vear.
Local.
Liabilities on Crown Agents

anticipated to be paid

this year. aI.452.

Total estimated expenditure 1927. 27,500.

Amount approved in Estimates for 1927...6,000.

2. It is not anticipated that the Revised Estimate for 1927 of 27,833 (shown in Estimates for 1928) will be expended in full this year.

Executive Engineer.

FALKLAND ISLANDS.

19.28

No. 54/1928.

SPECIAL WARRANT. Governor. September, 19 : 0

TO THE HONOURABLE

THE TREASURER.

Whereas it has become necessary, in the interests of the Public service, to incur certain Expenditure, not sufficiently provided for in the Estimates, as set forth in the subjoined Schedule, b in anticipation of a vote of the Legislatured and of the approval of the Secretary of State:-

a, to remain only in case of an excess on a vote.

b to be struck out if complete authority has been obtained or d if either partial authority has been obtained.

You are hereby, on my personal responsibility, authorized and required to pay from the Treasury the sum of Shillings and Pence and to charge it to the Heads and Sub-heads of the Expenditure specified in the Schedule.

And for so doing, this, together with the proper Accounts, Certificates and Acquittances, shall be your sufficient warrant and discharge.

Schedule. To be charged to Particulars of Service. Head. Sub-Head. d. S. Avili. Part cost of Roads etc. orks treating Boss Boad Fecurrent. with "Colfin" 40. J. bitumen solution. 0. (Total Estimate . [CCL.

Signature of the Officer submitting the Schedule for Warrant.

for Colonial

28th Leptember, 19 28. Date...

(Special warrants are to be prepared in triplicate. One copy to be filed in the Office of the Colonial Secretary, one in the Treasury, and one to be furnished to the Audit).

FALKLAND ISLANDS.

REQUISITION TO INCUR EXPENDITURE.

ORIGINAL. DUPLICATE (Treasurer's **HEAD OF ESTIMATE SUB-HEAD** i. Rosds, dreins etc. Estimated Cost. State in detail, service or article, &c., on which the amount is to be expended. s. Part cost of treating hose Hond with "Colfix" bitumen .60. 0. E PARLE Office Cotel Deim te; -- . 100). N.B.—When this space is insufficient, sheets should be attached, but the sum total shown on this. $\begin{array}{c} \text{Vote on} \\ \text{Estimates.} \end{array} \right\} \boldsymbol{\pounds} \quad \begin{array}{c} \text{Expenditure} \\ \text{authorised} \\ \text{to date.} \end{array} \right\} \boldsymbol{\pounds} \quad \begin{array}{c} \text{Balance} \\ \text{available.} \end{array} \right\} \boldsymbol{\pounds} \quad . \quad . \\ \end{array}$ Signature of Head of Department. Comments of Treasurer in submitting to Governor. Date_____Rath cotomber 19 Decision of Governor.

(It is requested that, in any reference to this minute, the above Number and the date may be quoted).



28th September, 1928

Colonial Engineer. From.

To

Stanley.

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

I beg to report that it is proposed to treat Ross Road with Colfix bitumen solution. The section of the road at the Hast end not yet treated will be prepared and given a good coating, after which the whole of the road will be re-covered after pot holes have been made up and rolled. This work is considered necessary.

2 The estimated cost is :-

25 drums Colfix bitumen solution @ 2/II/Cd. 6 cub. yds stone blinding Labour making up road, applying colfix, transport and steam roller. 30. 0.0. 298. 17. 6.

SAY ... a100.

Financial Requisition for £60 under XVIII (I) Roads etc., which amount completes the 2600 approved in Estimates, is submitted, together with a Special Larrant for 240.

for Colonial Engineer.

Hon. Colonial Treasurer.

Referred, please.

Hon Collected Submitted

A Chan

A hear.

2 Det 1928

FALKLAND ISLANDS.

19.20

No. 50

SPECIAL WARRANT.

Governor.

Date.

becember, 19 29

TO THE HONOURABLE

THE TREASURER.

Whereas it has become necessary, in the interests of the Public service, to incur certain Expenditure, not sufficiently provided for in the Estimates, as set forth in the subjoined Schedule, b in anticipation of a vote of the Legislatured and of the approval of the Secretary of State:-

a. to remain only in case of an excess on a vote.

b to be struck out if complete authority has been obtained cord if either partial authority has been obtained.

You are hereby, on my personal responsibility, authorized and required to pay from the Treasury the sum of ___ 200 Shillings and ----- Pence and to charge it to the Heads and Sub-heads of the Expenditure specified in the Schedule.

And for so doing, this, together with the proper Accounts, Certificates and Acquittances, shall be your sufficient warrant and discharge.

	Sche	dule.			
Particulars of	To be c	To be charged to			
Service.	Head.	Sub-Head.	£	S.	d.
Stanley La roveden	at Appendix .	(4).	£2.	9.	٥.
lo cover excess on for 1929. The total estimate not be exceeded. I on this estimate or	of \$38,500 here will be	will have ver			

Signature of the Officer submitting the Schedule for Warrant.

Colonial En Incer

190. Date 2 th Dace Der.

(Special warrants are to be prepared in triplicate. One copy to be filed in the Office of the Colonial Secretary, one in the Treasury, and one to be furnished to the Audit).

MINUTE.

the above Number and the date may be quoted).

20th December, 19 29

From Colonial Engineer.

To

THE COLONIAL SECRETARY,

Stanley, Falkland Islands.

APPENDIX I. (4). - STANLEY IMPROVEMENT WORKS.

With reference to the above I beg to report that the estimate of £2 000 for 1929 has been exceeded by the sum of £I. 8. 9. The total estimate of £38 500 however has not been exceeded. The expenditure in previous years is £36,477. I8. 3, and the expenditure this year to date is £2,001.8.9., making a total expenditure of £38,479.7.0, and leaving a saving on the total estimate of £20. 13.0.

2. I beg to submit that approval be given for the issue of a Special Warrant for £2, to cover the excess on the estimate for 1929. The Special Warrant is submitted herewith.

> C. Roberts. Colonial Engineer.

Hon. Colonial Treasurer.

Referred, please.

Hon. Pol. See.
Submitted accordingly.

Monique Hallette
Thensurer