Famine Relief.

No. 517. Read the following Proceedings of the Board of Revenue, dated 3rd February 1877, No. 458:—

Read the following letter from A. J. STUART, Esq., Acting Collector of Tinnevelly, to H. E. STOKES, Esq., Acting Secretary to the Board of Revenue, dated Ettiapuram, 29th January 1877, No. A.:—

I have the honor to report that in consultation with Mr. Grant, District Engineer, and Mr. Hughes, Assistant Engineer, I have come to the conclusion that the irrigation repairs, earth-works, estimated by Engineer Officers at about 1,15,000 Rupees for the northern taluqs, and 1,00,000 Rupees more for Nanjanad, will probably not suffice for the relief of the distressed taluqs, and I beg to enclose a list of road works, with rough estimates of the sums which may be judiciously laid out on each in earth-work, metalling, and gravelling.

2. We have taken care to select only such as will be of permanent use to the district, and which would be the next to be taken up from Local Funds. The Board will see that in some cases the estimates have already been completed in detail, while in others rough estimates only are given, which are, however, sufficiently accurate, as they provide only for earth-work and gravel, and are in places with which the Engineer officers, who gave the figures, are sufficiently well acquainted to be able to form a safe opinion as to the cost per mile of the earth-work and gravel, &c., which will be required in these localities. Regular estimates for the masonry works must be put off to a future date.

3. The proposals also include estimates for collection of materials for one year's maintenance of all the existing roads, as labor may well be employed on this work.

4. I hope the Board will pass these estimated lump sums, though I am not at all prepared to say that it will certainly be necessary to carry out the works, but as the District Engineer and I agree that it is decidedly probable I think we ought to provide beforehand against such a contingency.

5. I shall take the earliest opportunity of advising the Board if the allotment asked for and sanctioned for the current month, or that which will probably be needed for next month, require an increase the facts so far do not justify me in saying more than that it appears probable that a larger sum than 15,000 Rupees may be needed in March and the following months.

6. There are some localities, as for instance east and north of Ottapidaram and some of the Zemindaries where we have few irrigation works, I have obtained sanction from the Board to expend up to 5,000 Rupees on miscellaneous improvements in such localities, but I shall be glad if the Board will authorize me to spend any portion of the general allotment for relief works as may become necessary upon the road works, the rough estimates for which are now submitted. I will see that roads already partly executed are, as far as possible, completed first, and that those for which estimates in detail have been prepared are carried out before those which are now for the first time proposed, and, thirdly, that no road work is put in hand as long as irrigation works supply remarkable facilities for giving work to people in distress.

7. The column of remarks in the list of proposed works gives the reason why the Engineer Officers and I selected them. Applications for allotments will be made separately as they are required at present. I only asked the Board to pass the rough estimates herewith forwarded as a precautionary measure.

ENCLOSURE No. 1.—List.

List of Road Works which it is proposed to undertake in Tinnevelly District as Relief Works should necessity arise.

Taluq.	Where from and to.	Length in Miles.	Detail Estimate ready or not.	Nature of Work proposed.	Estimated Cost.	Remarks.
					Rs.	
Sankeranainar Covil.	Sankeranainar Covil to Halugumalai.	12	Ready.	Earthwork, gravelling, and stone collection.	20,000	To connect Sankeranainar Covil with the Railway at Kovilpatti; the other part is being made by Rajapuram Zemin.
Do. ...	Sankeranainar Covil to Yedaiyur or Tenkasy Taluq frontier.	15	Not prepared in detail.	Earthwork and gravelling.	25,000	Connects Tenkasy with Sankeranainar Covil and so with the Railway at Kovilpatti.
	Sankeranainar Covil to Vasudevanallur.	10	Do. ...	Earthwork and gravel.	20,000	Vasudevanallur is a large village on the road at foot of ghauts.
	Tinnevelly to Sankeranainar Covil.	17	Estimate sanctioned.	Earthwork, gravel, and stone collection.	25,000	Is in progress.
	Tenkasy to Vasudevanallur.	10	Estimate ready	Earth, gravel and stone.	15,000	The road to Madura along foot of ghauts is much used, but has never been properly made.
	Vasudevanallur to Rajapaliam.	.....	Estimate ready.	Earth and metalling.	13,000	
Streevilliputter and Sattur Taluqs.	Sivakasi to Virdupatti.	14	Not prepared.	Earth, gravel, and stone.	28,000	Connects Sivakasi, a large village and much cotton land, with Virdupatti, a Railway station and place of much trade.
	Watrap to Virdapatti.	19	Do. ...	Do. ...	38,000	Connects Watrap, a large and fertile tract of country and much cotton land with Virdupatti.
Nanguneri ...	Nanguneri to Streevikuntam.	22	Estimate ready.	Earth and gravel.	18,000	Connects Kasba of Nanguneri and Tenkerai; the latter is to be connected with Railway at Maniachi.
	Ponnakudi to Mulakarapatti and Vijayanarayanam.	25	Estimate not prepared.	Do. ...	30,000	Opens a roadless tract of Nanguneri Taluq.
	Arambuli pass via Perungudi Sanmugapuram to Nazarath.	26	Do. ...	Do. ...	50,000	An old road still much used for traffic with Travancore.
	Veramarthandanallur to Kulesegarapattam.	12	Do. ...	Do. ...	18,000	Kulesegarapattam is the 2nd port in the district; opens the Nanguneri Taluq to it.
	Padmaneri to Taruvai.	14	Do. ...	Do. ...	18,000	An old and useful line leading to Palamcotta.
	Pakidi to Karingulam.	9	Do. ...	Do. ...	13,000	Connects a roadless tract with the high road to Travancore and Tinnevelly.
Ottapidaram and Ettiapuram.	Streevikundam to Maniachi.	18	Estimate ready.	Do. ...	22,000	To open Tenkasi Taluq to the Railway at Maniachi.
	Ettiapuram to Vilatticolam.	12	Not prepared.	Earth, gravel, and metal.	30,000	Opens Vilatticolam and much cotton country to the Railway at Kovilpatti.
	Vypar to Vilaticolam.	7	Estimate ready.	Do. ...	20,000	Salt Road.
	Karisalkulam Bomnapuram via Manilodai to Madura frontier.	13	Estimate not prepared.	Earthwork ...	8,400	Opens cotton country to the Tuticorin road in the worst part of the distressed area.
	Vilatikulam via Nagalapuram and Pudur to Madura frontier portion of Vilatticolam to Sattur.	8	Estimate sanctioned.	Do. ...	23,000	Opens up cotton country.
		24	Estimate not prepared.	Do. ...	64,000	Connects Vilatticolam and much cotton-producing land with Sattur.
	Kolatur to Vypar portion.	4	Sanctioned...	Gravel and metal.	16,000	Coast road complete as far as Vypar from Tuticorin and Tinnevelly.
	Cittampuram to Tattaparai.	6	Not prepared.	Earth, gravel, and metal.	10,000	Connects Ottapidaram with Railway Station, Tattaparai.
	Coast road, Vypar to Madura frontier.	8	Do. ...	Earth	5,600	Continues the road along the coast to Madura frontier.

Repairs and Collection of Materials for the maintenance on existing Roads for one year.

Taluq.	Where from and to.	Length in Miles.	Detail Estimate ready or not.	Nature of Work proposed.	Estimated Cost.	Remarks.
					Rs.	
Sankeranainar Covil.	Tenkasy to Sivagiri portion.	20	.....	.....	2,000	
	Tinnevelly to Sankeranainar Covil.	17	.....	.....	1,700	
	Sankeranainar Covil to Rajapaliam.	20	.....	.....	2,000	
	Vasudevanallur to Sivagiri.	7	.....	.....	700	
Streevilliputter and Sattur.	Sattur to Streevikundam.	25	.....	.....	.....	
	Sattur to Kovilpatti and Virdupatti.	38	.....	.....	.....	
	Sivagiri to Madura frontier.	30	.....	.....	.....	
	Watrap Branch.	6	.....	.....	10,000	
		105				
Nanguneri ...	Palamcottah to Travancore frontier.	30	.....	.....	15,000	500 Rs. per mile required.
	Nanguneri to Edyangudi.	22	.....	.....	.....	
	Valliyur to Vijayapathi.	17	.....	.....	.....	
	Nanguneri to Kalakad.	8	.....	.....	.....	
	Nanguneri to Tirukoranguduri.	8	.....	.....	.....	
	Eruvadi to Valliyur.	3	.....	.....	.....	
	Panagudi to Padmaneri.	16	.....	.....	.....	
		71			7,100	
Ottapidaram and Ettiapuram.	Ettiapuram to Tuticorin.	27	.....	.....	5,000	
	Velaticolam to Pudur.	10	.....	.....	1,000	
	Maniachi to Kolatur.	28	.....	.....	2,800	
	Ettiapuram to Kovilpatti.	8	.....	.....	800	
	Madura High Road, Tinnevelly to Kovilpatti.	33	.....	.....	3,300	
	Vilaticolam to Kolattur.	7	.....	.....	700	
	Do. do. ...	2	.....	.....	5,000	Requires metalling.

(Signed) A. J. STUART,
Acting Collector.

THE grants sanctioned for the district are lump grants and are at the Collector's disposal for any works sanctioned in accordance with the rules.

2. The road works selected are well chosen, most of them being already approved projects. Estimates for those for which they are still wanting should be prepared and submitted for sanction, so as to be ready if necessity should require the commencement of the works, which the Board hope will not be the case. The Board approve the Collector's intention to postpone the road works to irrigation works where possible, and the repair of and storage of metal on existing roads are to be preferred to new

the Local Fund Board may not be able to maintain or to complete with
works. Proposed
sh[illegible], Copy and Extract.)

(Signed) H. E. STOKES,
Acting Secretary.

No. 518. ORDER THEREON, 15th February 1877, No. 696.

Miscellaneous, No.

RECORDED.

(True Extract.)

(Signed) J. H. GARSTIN,
Additional Secretary to Government.

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

Exd. F. R. Bantleman.

Govt. of {1877} Madras

REVENUE.

To

THE BOARD OF REVENUE,

&c., &c.

Dated February, 15th.

Rec'd.

G.O., 15*th February* 1877, *No.* 696.

FEBRUARY.

Nos. 517-518.

FAMINE RELIEF, No. 530.

Tinnevelly District.—Reading Board's Proceedings observing that the grants sanctioned for the district are lump grants, are at the Collector's disposal for any works tioned in accordance with the rules, &c.

Revenue Department

Proceedings of the Board of Revenue

Dated 3rd February 1877

No. 658.

Read the following

letter

From A. J. Stuart Esqre

Actg. Collector of

Tinnevelly

To The Secretary to the

Board of Revenue

Madras.

Sir,

I have the honor to report that in consultation with Mr Grant District Engineer & Mr Hughes Assistt. Engineer I have come to the conclusion that the irrigation repairs earth works estimated by Engineer officers at about 115,000 Rupees for the Northern Taluqs & 100000 more for Nanguneri will probably not suffice for the relief of the distressed Taluqs & I beg

to enclose a list of road works with rough estimates of the sums which may be provisionally laid out on each in earth work metalling & granelling.

2. We have taken care to select only such as will be of permanent use to the district & which would be the right to be taken up from Local funds. The Board will see that in many cases the estimates have already been completed in detail, while in others rough estimates only are given which are however sufficiently accurate, as they provide only for earth work & gravel & are in places with which the Engineer Officers, who gave the figures, are sufficiently well acquainted to be able to form a safe opinion as to the cost per mile of the earth works & gravel for which will be required in these localities. Regular estimates for the masonry works must be put off to a future date.

3. The proposals also include estimates for contribution of materials for one years maintenance of all the existing roads as labour may well be employed on this work.

4. I hope the Board will pass these estimated lump sums, though I am not at all prepared to say that it will certainly be necessary to carry out the works, but as the District Engineer & I agree that it is decidedly probable I think we ought to provide before hand against such a contingency

5. I shall take the earli-
-est opportunity of advising the
Board if the allotment asked
for & sanctioned for the current
month, or that which will
probably be needed for next
month require and increase
the facts so far do not justify
me in saying more than that
it appears probable that a
larger sum than 15000 Rs may
be needed in March & the fol-
-lowing months.

6. There are some localities
as for instance East & North
of Kottapedaram & some of
the Zemindaris where we have
few irrigation works. I have
obtained sanction from the Board
to expend upto 5000 Rs on minut
-taneous improvements in such
localities but I shall be glad
if

if the Board will authorize
me to spend any portion of the
general allotment for relief
works as may be necessary
upon the Road works, the
rough estimates for which
are now submitted. I will
see that roads already partly
executed are as far as possible
completed first & that those
for which estimates in or
-der which have been prepared are
carried out before those which
are now for the 1st time pro-
-posed & 3rdly that no road work
is put in hand as long as ir-
-rigation works supply re-
-markable facilities for giv-
-ing work to people in dis-
-tress.

7. The column of remarks
in the list of proposed works

gives the reason why the
Engineer officers I selected
them. Applications for al-
lotments will be made se-
parately as they are required
at present I only asked the
Board to pass the enquiries
mates herewith forwarded
as a precautionary measure.

I am Sir
Your most obt Servt
(Signed) A J Stuart
Lt Colr

Commt Tuticorin.
Camp Ettiapuram
29th Jany 1877.

The grants sanctioned for
the district and lamp grants
are at the Collector's disposal
for any works sanctioned in
accordance with the rules.

2. The road works selected
are well chosen, most of them
being already approved projects.
Estimates for those for which
they are still wanting should
be prepared & submitted for
sanction, so as to be ready if
necessity should require the com-
mencement of the works, which
the Board hope will not be the
case. The Board approve the
Collector's intention to postpone
the road works to irrigation
works where possible, & the
repair of & storage of metal on
existing roads are to be prefe-
red to new lines, which the
Local Fund Board may not be
able to maintain or to com-
plete with the masonry works.

(True Copy & Extract)
(Sd) H E Stokes
Actg Secretary

To The Actg Collr of Tinnevelly

(True Copy)
H Sankes
Actg Secretary

To The Asst Secretary to Govt &c
with copy of list.

	Watrap to Vardupatty	19	Not prep	Earth & metal	38000	Connects Watrap a large & fertile tract of country & rich cotton land with Vardupatty
Nanguneri	Nanguneri to Sreeviamtam	22	Estimated	do do	18,000	Connects Cuscha of Nanguneri & Tinnevelli the latter to be connected with Railway at Maniachy.
	Pounakudi to Mulakini patty & Vyyamanayanam	25	do not prepared	do do	30,000	Opens a road thro' tract of fertile Taluq.
	Arambuli pass via Parmazudi Shenmuyapuram to Nazarath	36	do	do	50,000	An old road still much used for traffic with Travancore.
	Veeranarthandanallur to Kulasagarapatnam	12	do	do	18,000	Kulasagarapatnam is the 2d fair in the District. Opens the Nanguneri Taluq thro'
	Padmanerri to Tarmadi	14	do	do	18,000	An old & useful line leading to Palamcotta.
	Pounakudi to Nanguneri	9	do	do	13,000	Connects a road thro' tract with the high road to Travancore & Tinnevelly.
Kottapadaram	Sreevaikundam to Manikachi	18	Estimated	do	22,000	To open Tenkarai Taluq to the Railway at Manachi
Ettiapuram	Ettiapuram to Vilatikulam	12	Not prep	do do & metal	30,000	Opens Village to Cotton country to the Railway at Koilpatty.
	Vyyapar to Vilatikulam	7	Estimated	do	20,000	Salt road.
	Karisalkulam Vannia-purnam via Mavildai to Madura frontier	12	do not prep	Earth work	8400	Opens cotton country to the Cutcherri road in the north part of the District.
	Vilatikulam via Nazalapuram & Puvanam to Madura frontier portion of	8	do Gravelled	do	23,000	Opens up Cotton country.
	Vilatikulam to Sattoor	24	do not prep	do	64,000	connects Vilatikulam & much cotton producing land with Sattoor.
	Kolattoor to Vyyapar portion	4	Connects	Gravel & metal	16,000	Coast road completed as far as Vyyapar from Cutcherri & Tinnevelly.
	Kottapidaram to Kottapanay	6	not prep	Earth & metal	10,000	connects Kottapidaram with Railway Station Kottapanai.
	Coast road Vyyapar to Madura frontier	8	Do	Earth	5,600	Continues the road along the coast to Madura frontier.

Repairs & collection of Materials for the maintenance of existing roads for 1869 year

Cuttcherri coast	Tenkasy to Sivagiri portion	20	2,000
	Tinnevelly to Sankerninar coil	17	17,000
	Sankerninarcoil to Rajapolaim	20	2,000
	Vaisundavanallur to Sivagiri	7	700
Joint repairs Sattoor	Sattoor to Srivilliputtoor	25	
	do to Koilpatty & Vardupatty	38	
	Sivagiri to Madura frontier	36	
	Watrap branch	6	
		185	10000

Enclosure in Hds
Pro of 3 Feby/77.

7368

List of road works
proposed to be un-
dertaken in Inne-
rwick District

Prov-ds 15th Feby/77 L. Ks 57