Public Works (1899) Department.

G.O., No. 419 I

Dated 9th May 1899

[Despatch Abstract.]

Famine Relief Works.

Approving with remarks, the recommendation of the Chief Engineer for Irrigation that the policy approved in regard to the improvement of tank lands in the South Arcot Dt. may be extended to all districts excepting the deltaic portions of the Godavari, Kistna and Tanjore Dts. and the West Coast.

290/14

[P. W. 16, 250-27-4-99.]

BACK PAPERS.

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

FURTHER PAPERS.

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

IRRIGATION.

Government {1899} of Madras.

PUBLIC WORKS.

Recd. } 1899. *Enclosures*

Regd. } *Spare copies*

G.O., No. 419 I., 9th May 1899.

MAY.

Famine-relief Works

Approving, with remarks, the recommendation of the Chief Engineer for Irrigation that the policy approved in regard to the improvement of tank bunds in the South Arcot division, may be extended to all districts excepting the deltaic portions of the Gódávari, Kistna and Tanjore districts and the West Coast.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.

READ—again the following paper :—

G.O., No. 860 I., dated 3rd November 1898.

READ—also the following papers :—

Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), No. 430, dated 28th November 1898.
To the Secretary to the Board of Revenue, dated 29th January 1899, No. 35 M.
Proceedings of the Board of Revenue, Mis. No. 1090, dated 23rd February 1899.

No. 94 I.

Note by the Chief Engineer for Irrigation.

In G.O., No. 860 I., dated 3rd November 1898, Government approved the proposal to increase the section of the bunds of tanks in the South Arcot division with earth taken from the beds, for famine-relief purposes.

In its Proceedings No. 430, dated 28th November 1898, the Board of Revenue (Revenue Settlement, Land Records and Agriculture) communicated the above orders to the Collectors for information and guidance with the remark that, though irrigation works may nominally not be in need of repair, there are few on which famine-relief labour could not be usefully employed.

It was thereupon pointed out to the Board of Revenue in this office letter, No. 35 M., dated 29th January 1899, that G.O., No. 860 I., dated 3rd November 1898, referred only to the South Arcot division, and it would appear necessary to obtain an order of Government before introducing into the famine programmes of other districts the repairs of selected groups of tanks.

The Board of Revenue in its reply points out in its Proceedings, Mis. No. 1090, dated 23rd February 1899, that there appears to be nothing in its Proceedings, No. 430, dated 28th November 1898, that requires the special orders of Government, whilst the policy approved by Government in G.O., No. 860 I., dated 3rd November 1898, appears to be of general application. The Board suggests that the orders of Government as to the method of carrying out that policy may be obtained.

The following abstract indicates in lakhs of rupees to what extent provision has been made for irrigation works in the latest programmes of famine-relief works prepared by Collectors :—

Districts.	Classes of works.	Large works.		Small works.	Total.	Total number of tanks under Public Works Dept.	Percentage of population provided for by the famine programme, column 6.
		Sanctioned.	Not sanctioned.				
1	2	3	4	5	6	7	8
Ganjám ..	Irrigation works .. New works ..	3·22	3·06	0·32	6·60	..	..
	Irrigation works .. Repairs ..	..	0·08	3·03	3·11	..	..
	Other works	..	18·99	3·60	22·59	..	..
	Total ..	3·22	22·13	6·95	32·30	115	·27
Vizagapatam ..	Irrigation works .. New works ..	..	0·52	0·24	0·76	..	..
	Irrigation works .. Repairs ..	..	..	2·03	2·03	..	..
	Other works	2·86	18·06	12·70	33·62	..	..
	Total ..	2·86	18·58	11·97	36·41	* 68	·25

Districts.	Classes of works.	Large works.		Small works.	Total.	Total number of tanks under Public Works Dept.	Percentage of population provided for by the famine programme, column 6.
		Sanctioned.	Not sanctioned.				
1	2	3	4	5	6	7	8
Gódávari ..	Irrigation works .. New works ..	1·15	..	..	1·15	..	..
	Irrigation works .. Repairs ..	..	0·19	1·84	2·03	..	..
	Other works	0·56	18·99	2·68	22·23	..	..
	Total ..	1·71	19·18	4·52	25·41	102	·33
Kistna ..	Irrigation works .. New works ..	0·15	4·21	0·26	4·62	..	..
	Irrigation works .. Repairs ..	..	..	0·64	0·64	..	..
	Other works	6·65	4·43	1·03	12·11	..	..
	Total ..	6·80	9·64	1·93	17·37	61	·20
Nellore ..	Irrigation works .. New works ..	1·43	0·08	0·03	1·54	..	..
	Irrigation works .. Repairs ..	0·08	..	1·49	1·57	..	..
	Other works	2·91	4·86	10·34	18·11	..	..
	Total ..	4·42	4·94	11·86	21·22	231	·19
Cuddapah ..	Irrigation works .. New works ..	4·83	5·03	0·20	10·06	..	..
	Irrigation works .. Repairs ..	..	0·71	3·89	4·60	..	..
	Other works	1·61	9·31	6·61	17·53	..	..
	Total ..	6·44	15·05	10·70	32·19	111	·34
Bellary ..	Irrigation works .. New works ..	..	2·12	0·25	2·37	..	..
	Irrigation works .. Repairs ..	0·08	0·41	1·08	1·57	..	..
	Other works	23·79	15·23	6·65	45·67	..	..
	Total ..	23·87	17·76	7·98	49·61	165	·75
Kurnool ..	Irrigation works .. New works ..	..	4·02	0·09	4·11	..	..
	Irrigation works .. Repairs ..	..	0·39	1·58	1·97	..	..
	Other works	15·92	15·31	2·76	33·99	..	..
	Total ..	15·92	19·72	4·43	40·07	73	·65
Anantapur ..	Irrigation works .. New works ..	0·27	..	..	0·27	..	..
	Irrigation works .. Repairs ..	0·46	0·82	3·00	4·28	..	..
	Other works	7·14	1·51	3·12	11·77	..	..
	Total ..	7·87	2·33	6·12	16·32	*	·29
Chingleput ..	Irrigation works .. New works ..	0·43	0·93	0·21	1·57	..	..
	Irrigation works .. Repairs ..	..	..	4·19	4·19	..	..
	Other works	1·14	1·17	4·70	7·01	..	..
	Total ..	1·57	2·10	9·10	12·77	654	·14
North Arcot ..	Irrigation works .. New works ..	..	0·61	1·13	1·74	..	..
	Irrigation works .. Repairs ..	..	0·10	6·47	6·57	..	..
	Other works	5·19	3·65	22·03	30·87	..	..
	Total ..	5·19	4·36	29·63	39·18	257	·25
South Arcot ..	Irrigation works .. New works ..	1·88	6·97	0·42	9·27	..	..
	Irrigation works .. Repairs ..	..	0·08	9·25	9 33	..	..
	Other works	3·03	1 43	9·97	14·43	..	..
	Total ..	4·91	8·48	19·64	33·03	349	·20
Salem ..	Irrigation works .. New works ..	..	..	..	..	..	..
	Irrigation works .. Repairs ..	..	..	..	2·16	..	..
	Other works	..	..	..	24·88	..	..
	Total ..	..	..	..	27·04	98	·18
Coimbatore ..	Irrigation works .. New works ..	..	0·95	..	0·95	..	..
	Irrigation works .. Repairs ..	..	5·91	1·26	7·17	..	..
	Other works	11·81	5·91	11·63	29·35	..	..
	Total ..	11·81	12·77	12·89	37·47	51	·25
Tanjore ..	Irrigation works .. New works ..	..	..	..	14·76	..	..
	Irrigation works .. Repairs ..	..	..	..	0·52	..	..
	Other works	..	..	..	2·61	..	..
	Total ..	..	..	..	17·89	53	·58

* Included in Bellary.

Districts.	Classes of works.	Large works.		Small works.	Total.	Total number of tanks under Public Works Dept.	Percentage of population provided for by the famine programme, column 6.
		Sanctioned.	Not sanctioned.				
1	2	3	4	5	6	7	8
Madura ..	Irrigation works .. New works ..	..	..	..	13·15	..	..
	Repairs ..	..	..	..	8·95	..	..
	Other works	..	..	..	31·59	..	..
	Total ..	..	..	..	53·69	172	·27
Trichinopoly ..	Irrigation works .. New works ..	..	..	..	0·33	..	..
	Repairs ..	..	..	..	3·20	..	..
	Other works	..	..	..	20·76	..	..
	Total ..	..	..	..	24·29	72	·23
Tinnevelly ..	Irrigation works .. New works ..	..	0·51	0·06	0·57	..	..
	Repairs ..	0·10	..	8·89	8·89	..	..
	Other works	1·49	19·09	6·67	27·25	..	..
	Total ..	1·59	19·60	15·62	36·81	282	·25

Under chapter I, paragraph 8 of the Famine Code, the famine programmes should provide for the employment of 20 per cent. of the population for three months, the average pay of a labourer on a relief work being taken at 1⅓ annas per diem. The scheme would seem to be most wanted in the Nellore, Chingleput and Salem districts, in each of which the programme is below the above percentage. As the desirability of including a larger number of irrigation projects in famine programmes than is now the case is expressed in paragraph 25 of G.O., No. 590, Revenue, dated 11th October 1898, communicated with Public Works Department G.O., No. 845 W., dated 18th March 1899, the undersigned recommends that the policy approved in G.O., No. 860 I., dated 3rd November 1898, may be extended to all districts excepting the deltaic portions of the Gódávari, Kistna and Tanjore districts, and the West Coast.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

17th April 1899.

ORDER—No. 419 I., dated 9th May 1899.

The recommendation of the Chief Engineer for Irrigation is approved.

2. As in the case of the South Arcot division, a scheme with the necessary estimates should be prepared beforehand by the Superintending Engineers concerned, so that when the time comes, the work of bringing up tank bunds in each district to a really substantial section may be taken in hand without delay and in the most economical and advantageous manner.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
„ Superintending Engineers of Circles.
„ the Examiner, Public Works Accounts.
„ the Revenue Department.

Exd. T. K. Narayana Aiyangar.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

Re-repairs of Tanks as Famine Relief works.

G.O. No. 860 I. dt 3rd Nov 1898.
Procs: Bd of Rev. Rev Sett. Land Records & Agriculture,
No. 430 dt 28 Nov 1898.
To Secretary to Bd of Rev. No. 35 dt. 29 Jan 1899.
Procs: Bd. of Rev. No. 109 dt 23 Feb 1899.

Note by the Chief Engr for Irrigation dt 9-4-99.

In G.O. No. 860 I. dt 3rd Nov 1898, Govt approved the proposal to increase the section of the bunds of tanks in the South Arcot Dt. with earth taken from the beds, for famine relief purposes.

In its Procs: No. 430, dt 28 Nov 1898, the Board of Rev. Rev. Sett. Land Records & Agriculture, communicated the above orders to the Collectors for information & guidance with the remark that

To the Secretary to Govt, Rev Dept, for favour of communication.

17.4.99 W.H.

Issue
1.5.99 W.H.
I.

1/5/99

tough irrigation works may nominally not be in need of repair, there are few on which famine relief labour could not be usefully employed.

It was therefore pointed out to the Board of Revt. in this office letter, No. 35 M., dt 29th Jan 199, that G.O. No. 860 I, dt 3rd Nov 195, referred only to the South Arcot Dt & it would appear necessary to obtain an order of Govt before introducing into the famine programmes of other districts the repairs of selected groups of tanks.

The Board of Rev. in its reply points out in its Proc No. 430, dt 28th Feb 199, that there appears to be nothing in its Proc: No. 430, dt 28 Nov 195, that requires the special orders of Govt, whilst the policy approved by Govt in G.O. No. 860, dt 3rd Nov 195, appears to be of general application. The Board suggests that the orders of Govt as to the method of carrying out that policy may be obtained.

The following abstract indicates in lakhs of rupees to what extent provision has been made for irrigation works in the latest programmes of famine relief works prepared by Collectors —

Districts	Classes of works.	Large Works. Sanctioned	Large Works. Not sanctioned	Small Works	Total	Total number of tanks under P.W.D.	Percentage of population provided for by the famine programme Column 6.
1	2	3	4	5	6	7	8
Ganjam	Irrigation Works { New Works	3.22	3.06	0.32	6.60	115	.
	{ Repairs	.	0.08	3.03	3.11		
	Other Works . .	.	18.99	3.60	22.59		
		3.22	22.13	6.95	32.30	115	4.27

1	2	3	4	5	6	7	8
Vizagapatam	Irrigation { New Works	-	0.52	0.24	0.76		
	Works { Repairs	-	-	2.03	2.03		
	Other Works . .	2.86	18.06	12.70	33.62		
	Total	2.86	18.58	14.97	36.41	68	○.25
Godavari .	Irrigation { New Works	1.15	-	-	1.15		
	Works { Repairs	-	0.19	1.84	2.03		
	Other Works . .	0.56	18.59	2.68	22.23		
	Total	1.71	19.18	4.52	25.41	102	○.33
Kistna .	Irrigation { New Works	0.15	4.21	0.26	4.62		
	Works { Repairs	-	-	0.64	0.64		
	Other Works . .	6.65	4.43	1.03	12.11		
	Total	6.80	9.64	1.93	17.37	61	○.30
Nellore .	Irrigation { New Works	1.43	0.08	0.03	1.57		
	Works { Repairs	0.08	-	1.49	1.57		
	Other Works . .	2.91	4.86	10.34	18.11		
	Total	4.42	4.94	11.86	21.22	231	○.19
Cuddapah	Irrigation { New Works	4.83	5.03	0.20	10.06		
	Works { Repairs	-	0.71	3.89	4.60		
	Other Works . .	1.61	9.31	6.61	17.53		
	Total	6.44	15.05	10.70	32.19	111	○.34
Bellary	Irrigation { New Works	-	2.12	0.25	2.37		
	Works { Repairs	0.08	0.41	1.08	1.57		
	Other Works . . .	23.79	15.23	6.65	45.67		
	Total	23.87	17.76	7.98	49.61	165	○.75
Kurnool .	Irrigation { New Works	-	4.02	0.09	4.11		
	Works { Repairs	-	0.39	1.58	1.97		
	Other Works . .	15.92	15.31	2.76	33.99		
	Total	15.92	19.72	4.43	40.07	73	○.65
Anantapur	Irrigation { New Works	0.27	-	-	0.27		
	Works { Repairs	0.46	0.82	3.00	4.28		
	Other Works . .	7.14	1.51	3.12	11.77		
	Total	7.87	2.33	6.12	16.32	*	○.29
Chingleput	Irrigation { New Works	0.43	0.93	0.21	1.57		
	Works { Repairs	-	-	4.19	4.19		
	Other Works - .	1.14	1.17	4.70	7.01		
	Total	1.57	2.10	9.10	12.77	654	○.14
North Arcot	Irrigation { New Works	.	0.61	1.13	1.74		
	Works { Repairs	.	0.10	6.47	6.57		
	Other Works .	5.19	3.65	22.03	30.87		
	Total	5.19	4.36	29.63	39.18	257	0.25

* included in Bellary

P. I. Form No. 1 (a) [illegible]-28.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

1	2	3	4	5	6	7	8
South Arcot	Irigation { New Works	1.88	6.97	0.42	9.27		
	Works { Repairs.	.	0.08	9.25	9.33		
	Other Works . .	3.03	1.43	9.97	14.43		
	Total	4.91	8.48	19.64	33.03	349	○.20
Salem	Irigation { New Works	-	-	-	-		
	Works { Repairs	.	.	.	2.16		
	Other Works . .	-	-	.	24.88		
	Total	-	-	-	27.04	98	○.18
Coimbatore	Irigation { New Works	-	0.95	-	0.95		
	Works { Repairs	.	5.91	1.26	7.67		
	Other Works . .	11.81	5.91	11.63	29.35		
	Total	11.81	12.77	12.89	37.47	57	○.25
Tanjore	Irigation { New Works	.	.	.	14.76		
	Works { Repairs	.	.	.	0.52		
	Other Works . .	.	.	.	2.61		
	Total	.	.	.	17.89	53	○.58
Madura	Irrigation { New Works	.	.	.	13.15		
	Works { Repairs	.	.	.	8.95		
	Other Works .	.	.	.	31.57		
	Total	.	.	.	53.67	172	○.27
Trichinopoly	Irigation { New Works	-	.	.	0.33		
	Works { Repairs	.	-	.	3.20		
	Other Works . .	.	-	.	20.76		
	Total	-	-	.	24.29	72	○.23
Tinnevelly	Irigation { New Works	.	0.57	0.06	0.57		
	Works { Repairs	0.10	.	8.89	8.89		
	Other Works . .	1.49	19.09	6.67	27.25		
	Total	1.59	19.60	15.62	36.81	282	0.25

Under Chapter
I, para 8 of the Famine
Code, the famine ter

grammes should provide
for the employment of
20 per cent of the population
for three months, the
average pay of a
labourer on a relief
work being taken
at 1 1/3 annas per diem.
The scheme would seem
to be most wanted
in the Nellore, Chingleput
& Salem Dts. in each
of which the programme
is below the above
percentage. As the
desirability of including
a larger number of
irrigation projects
in famine programmes
than is now the case
is expressed in para
25 of GO No. 590 Revt,
dy 11 Oct 1895, communicated
with P.W.D. GO. No.
545W, dy 18 March 1899,
to undersigned recom-

mends that the policy
approved in GO. No. 860,
dy 3 Nov 1895, may be
extended to all districts
excepting the deltaic
portions of the Godavari,
Kistna & Tanjore Districts,
& the West Coast.

Order thereon.

No: 419 ED 95-99

The recommendation
of the Chief Engr for
inspection is approved.
As in the case
of the South Arcot Dt.,
some scheme & estimate
thereof should be
prepared beforehand
by the Subl Engrs concerned
so that when the time
comes, the work of
bringing up tank
bunds in such Dts
to a really substantial
section may be taken
in hand without delay

t in the most Economical
& advantageous manner.

WH
17.4.99
J

13/4/99

To the Chief Engr Irr I.
Supdg Engrs of Circles
Ex P.W.D.
Rev Dept.

13/4/99

P. T. Form No. 1 (a)—500—21-4-98.

El The draft as amended by him meets the case

Circulated & Sd

WH 14/4/99
10/4/99

28/4/99

attested 15.
WH
26/4

Yes -
I dont like the vague phrase — "some scheme and estimates thereof"

HS
24-4-99

I dont see what "Scheme" is possible - Each Tank must be dealt with according to its requirements ? HS

Revenue Department 18

To the US

There appears to be no objection to the draft order being counter-initialled in this Dept. The effect of the order will be to bring prominently to the notice of Dt. Officers the provisions of Section 9(4) of the Madras Famine Code.

US
20.4.99

Seen
21/4/99

The draft may be accepted

H.S.H
29.4.99

To the D.P.O. to

C 27/4
21.25/4

Public Works (1899) Department.

CURRENT No. 76m

From B'd Rev Secretariat

Order Irrg

Order 680 J was also Amd 681 J
a General Dept order might
be issued certain districts
districts perhaps should be omitted

No. 1090 Mis

Dated 23 - 2 - 99.

Received 27 - 2 - 99.

Registered

Enclosures

Spare copies

SUBJECT.

Repairs of tanks as Famine
Relief works — State that
G.O. 8602 d 3-11-98 on the subject
of ~~—~~ appears to be of general application.

P.W.D.

27/-

Acc
27/2/99 Irrg 13/3/99

BACK PAPERS.

No.	Date.
I 35-M	29-1-99
I 1-VI	29-1-99
R&Mo	20-1-99

FURTHER PAPERS.

No.	Date.

REVENUE BOARD OFFICE MADRAS

Proceedings of the Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

Dated 23rd February 1899.

No. 1090 Miscellaneous

CHIEF ENGINEER FOR IRRIGATION 27 FEB 1899 No. 76 M

READ — letter from the Chief Engineer for Irrigation, No. 358-M dated 29th January 1899.

Resolution :-

It will be pointed out to the Chief Engineer for Irrigation that there appears to be nothing in the instructions given to Collectors in B.P. 430 28-11-98 that requires the special orders of Government, while the policy approved by Government in G.O. 860 dated 3-11-98 appears to be of general applicatio... If the Chief Engineer considers it necessary to a... to Government for orders as to the method of carrying out that policy, it will be suggested that he should obtain them.

2. The Board considers that the provisions of Section ... of the Famine Code must be complied with in all dist...

(True extract)

R. V. Smida

Secre...

Ecd 2/67 To The Chief Engineer for Irrigation

(Sett. 11—2,000—4-8-98.)

1899.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

To

The Chief Engineer for Irrigation

No. of Enclosures.

Proceedings, dated 23rd February 1899,

No. 1090 Miscellaneous

Subject.

Famine Relief works

Informing the Chief Engineer for Irrigation that G. O. referred to is of general application and that there is nothing in the Proceedings thereon requiring Special sanction of Government, as regards the repair of tanks as ———

Public Works (1898) Department.

IRRIGATION BRANCH.

ISSUE No. 35m

To

The Secy to the Commr of Revenue Settlement Land Records & Agri

(Reply to letter No. , dated)

Dated 29-1-99

Despatched 1-2-99

Enclosures *

* Particulars of Enclosures.

SUBJECT.

Famine Relief works - Requesting to bring to the notice of the Board that G.O. No 860 of 98 printed on page 305 Progs No 430 of 98 referred to in the 3rd Circular Dr. that part of it is necessary before introducing into famine programme repairs of selected parts of tanks also requests B of R views regarding Districts in which the system will be adopted & whether it will be necessary to issue any special instructions for guidance of the Collectors &c.

Lidyard

No. 13—2,000—4-6-98.

BACK PAPERS.

No.	Date.
R.6 No 20	1 55

Sent to Government with No. I.,
dated 189 .
Printed with G.O., No. I.,
dated 189 .

REMINDERS ISSUED.

No. 1, dated 189 .
" 2 "
" 3 "
" 4 "
" 5 "

KEEP-WITHS.

FURTHER PAPERS.

No.	Date.
R.6 No	23-299

For papers.
Vide I+VI/99

No 35 dy 24.1.99

To The Secretary to the Board of Revenue (Rev. Sett. L.R. & A.)

Sir,

I have the honour to report for the information of the Board of Revenue that G.O. No 1060 T dy 3 Nov 1898 printed under the Board's Proceedings No 430 dy 25 Nov 1898 refers only to the South arcot district and it would appear necessary to obtain an order of Government before introducing into the famine programme the repair of selected ponds & tanks.

2. It will be more convenient to have the order issued in this dept and I should be glad if the Board will favour their views as to the best way to which the system should be ~~made applicable~~ adopted and whether it will be necessary to issue any special instructions for the guidance of the Collectors and Subs.

I have
29.1.99

REVENUE DEPARTMENT.

R 531. 98.

1898.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

Recd. } 1898. *Enclosures*

Regd. } *Spare copies*

Printed December 10th.

Proceedings, No. 430, 28th November 1898.

NOVEMBER.

Famine Relief.—Communicating to all Collectors, orders of Government approving the proposal to take up the improvement of tank-bunds for furnishing labour for—.

Sp copies
Cos
29/11/98

PROCEEDINGS OF THE BOARD OF REVENUE

(Revenue Settlement, Land Records and Agriculture).

Read—again the following Proceedings of the Board of Revenue (R.S., L.R. and Agr.), Mis. No. 6208, dated 20th October 1898:—

Read—the following letter from J. C. LARMINIE, Esq., Acting Chief Engineer for Irrigation, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Ootacamund, 8th October 1898, No. 325-M.:—

With reference to the Proceedings of the Board of Revenue, No. 347, dated 14th September 1898, I have the honour to inform you that owing to the difficulty of providing large famine-relief works in the portion of the South Arcot district outside the portion irrigated from the Coleroon where famine is very improbable, it was suggested to Government that in an irrigated district like South Arcot covered with tanks, the best employment for famine labour would be to improve the bunds of the tanks. The bunds repaired under the Tank Restoration Scheme are made up to a very little more than safe section and require constant repair which cannot be arranged for and they rapidly deteriorate. Tanks connected with projects and those not yet taken up under the Tank Restoration Scheme are generally in very bad order. If all the tanks were improved by making the bunds stronger, it would be an excellent thing in many ways and save much subsequent expenditure. Where there are large bodies of famine labourers to be provided for, the tanks could be taken up in groups. With smaller gangs they could be taken up singly and the gang moved from one to another. There are altogether in the South Arcot district 375 "Imperial" irrigation works, irrigating 212,000 acres, and 2,684 "Minor" works supplying 146,000 acres. The great majority of these works are in bad order and few have bunds of really substantial section.

2. Government having approved the above views, ordered the preparation of a scheme on these lines with an estimate thereof. The Superintending Engineer, V Circle, has accordingly been instructed by me to consult with the Collector and select groups of tanks, where famine relief could best be given, and have estimates prepared for raising the bunds. He will now be asked to report the progress made in the preparation of the scheme referred to and to expedite the submission for sanction of the estimates reported to be ready for certain irrigation works referred to in paragraph 3 of the Board's Proceedings.

3. My report on paragraph 2 of G.O., No. 530, Revenue, dated 3rd July 1897, was submitted to Government in the Revenue Department with Endorsement No. 4266-C., dated 11th October 1897, of the Public Works Department.

Resolution—Mis. No. 6208, dated 20th October 1898.

Communicated to the Collector of South Arcot.

2. The Chief Engineer will be requested to favour the Board with a copy of the orders of Government alluded to by him in paragraph 1, and the first sentence of paragraph 2 of his letter.

(True Copy and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary.

To the Collector of South Arcot.
" Chief Engineer for Irrigation.

Read—also the following letter from W. HUGHES, Esq., Chief Engineer for Irrigation, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture, dated Madras, 8th November 1898, No. 356-M.:—

With reference to Proceedings of the Board of Revenue, Mis. No. 6208, dated 20th October 1898, I have the honour to forward, herewith, a copy of G.O., No. ~~860.~~, dated 3rd November 1898, approving the proposals referred to in my letter, No. 325-M., dated 8th October 1898.

Enclosure.

G.O., No. 860 I., dated 3rd November 1898.

Read—the following papers:—

From the Superintending Engineer, V Circle, dated 5th April 1898, No. 137 E.I.

No. 280 I.

Note by the Chief Engineer for Irrigation.

In the above letter, the Superintending Engineer, V Circle, brings to notice the difficulty of providing large famine-relief works in the portion of the South Arcot district outside the portion irrigated by the Cauvery where famine is improbable.

2. In this district which has an area of 5,211 square miles, there are 375 "Imperial" irrigation works irrigating 212,000 acres and 2,684 "minor" irrigation works supplying 146,000 acres. The bunds of tanks repaired under the Tank Restoration Scheme are made up to a very little more than safe section and require constant repair, which cannot be arranged for, and they of course rapidly deteriorate. The tanks connected with systems and those not yet taken up under the Tank Restoration Scheme are generally in very bad order. When it is considered that the great majority of these works are in very bad order and that very few have bunds of really substantial section, the undersigned thinks it would be an excellent thing, whenever famine relief is required, to take them up in groups and improve them by increasing the section of the bunds as far as practicable with earth taken from the beds. This would save much subsequent expense. When there are large bodies of famine labourers to be provided for, the tanks could be taken up in groups. With smaller gangs they could be taken up singly and the gang moved from one tank to another.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

2nd November 1898.

Order—No. 860 I., dated 3rd November 1898.

The Government concurs in the view expressed in the foregoing note. Some scheme and estimate thereof should be prepared beforehand, so that when the time comes, the work may be taken in hand without delay, and in the most economical and advantageous manner. The Chief Engineer for Irrigation will arrange accordingly.

(True Extract.)

(Signed) W. HUGHES,
Joint Secretary to Government,
Irrigation Branch.

Resolution—No. 430, dated 28th November 1898.

The note of the Chief Engineer for Irrigation read in G.O., No. 860 I., dated 3rd November 1898, will be communicated to all Collectors for information and guidance. The course proposed therein is one which the Board has suggested repeatedly to Collectors; namely that, though irrigation works may nominally not be in need of "repair," there are few on which famine-relief labour could not be usefully employed.

2. The attention of Collectors will be drawn to the provision of section 9 (4) of the Famine Code under which the circumstances of every irrigation work in each taluk should be considered, and by the term "thorough repair" used in the section, Collectors should understand the bringing up of the bunds to a really substantial section.

(True Copies and Extract.)

(Signed) R. V. SRINIVASIAR,
Secretary

(True Copy.)

(Signed) P. GOVINDA MENON,
First Assistant.

To all Collectors. (Divisional officers and Tahsildars) except those of Madras, Nilgiris, Malabar and South Canara.
" the Chief Engineer for Irrigation.
Copy to the Secretary to Government, Revenue Department.

Exd. Md. Pahilvan.

Public Works (1899) Department.

CURRENT No. 3697

From The Chief Engr for Irrgn

Order No. 942.

Dated 17-4-99.

Received

Registered

Enclosures 3

Spare copies.

SUBJECT.

Famine Relief — Recommending the preparation beforehand of schemes for the strengthening of tank bunds with earth excavated from the tank bed in all districts except the deltaic tracts of Kistna & Tanjore and the two
so that the scheme may be executed on the occurrence

BACK PAPERS.

No.	Date.
860 Ly	3·11·98
845 Wy	18·3·99.

FURTHER PAPERS.

No.	Date.