

*Proceedings of the Madras Government, Public Works Department,
4th February 1873.*

No. 69. Read the following letter from the Assistant Secretary to the Government of India, Public Works Department (Irrigation), to the Joint Secretary to the Government of Madras, Public Works Department, dated Fort William, 23rd December 1872, No. 1,073-I:—

I AM directed to invite attention to Public Works Department No. 140-I, of the 13th July 1868, and subsequent correspondence calling for a complete series of plans of all important Irrigation works in operation in Madras, and to inquire what progress has been made in meeting the demand and what difficulties have arisen.

No. 70. ORDER THEREON, 4th February 1873, No. 366.

IRRIGATION, No. 3.

ORDERED that the following letter
be sent:—

(Here enter No. 367, dated 4th February 1873.)

(True Extract.)

(Signed) J. MULLINS, Lieut.-Colonel, R. E.,
Joint Secretary to Government.

Ed. A. S. Rodgers.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 4th February 1873.

No. 71.

No. 367.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

IRRIGATION, No. 4.

SIR,—In reply to the Assistant
Secretary's letter, No. 1,073-I, dated
23rd ultimo, I am directed to enclose a

list of the plans of Irrigation works which it was arranged should be prepared,
and of those which have been received in the office of the Chief Engineer for
Irrigation up to date, and to inform you that the general maps of divisions and
all the plans as yet prepared will be forwarded at once.

2. It was intended to wait until all the plans had been got ready; but,
as there appears to be no immediate prospect of their completion, owing to the
establishments being unable to meet the pressing demands in connection with the
current work of the Department, it appears to be unadvisable to delay transmit-
ting the plans which have been received.

I have the honour to be,

Sir,

Your most obedient servant,

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,

Joint Secretary to Government.

Ed. A. S. Rodgers.

5

List of Plans of important Irrigation Works received in the
Office of the Chief Engineer for Irrigation.

<u>1st Division</u>		
<u>No. or Plan.</u>	<u>Godavery District. Eastern Delta.</u>	<u>Number of Plans.</u>
1, 1, 1 & 29	Sections of Godavery Ancient	1
1	Donlaishwarum Head and under Sluices	2
<u>Godavery District. Western Delta</u>		
3, 4, 5, 6, 7.	Design for Weir on Mursapur Canal	1
28	Ellora Lock	1
29	Vijaiswarum Head and under Sluices	2
<u>Godavery District. Central Delta.</u>		
4	Aqueduct at Cunnamm	1
21	Bobber Lunka Head and under Sluices	2
<u>2nd Division</u>		
<u>Kistna District.</u>		
1	Kistna Ancient and Head Works	1
1	Charts of Kistna River at Ancient for the year 1866, 1867, 1868	2
<u>3rd Division</u>		
<u>Quadapah & Bellary Districts.</u>		
10	Sections of the Premamla Tank Bund.	1
1	Calingulaks of Narraimavaturra Tank	1
2	— Do — of Dummakurra Tank	
3	— Do — of Barogee Tank	
11	Sections of the Rudraail Tank Bund	
12	Calingulaks of the C. Orampad Tank	1
1	— Do — and Head Sluice of the Singanamulla Tank	
5	Survey of E. Calingulaks & new H ^d for main sluice in the Anantapur Tank	2
6	Calingulaks of the Gorratimarajcheru Tank	1

7

Bellary District (Continued)

7	Calingulaks & Sluices of the Durmavaram Tank.	2
8	Bookapatnam Tank Calingulaks & levels at the crest.	2
9	Masonry works of the Purghee Tank.	1

Kurnool District.

18	Calingulaks and Bund of Cumburn Tank.	1
----	---------------------------------------	---

1st Division

Madras (Chingleput) District.

1	Thiloor Aicut and Head Sluice	2
---	-------------------------------	---

North Arcot District.

1	Poorey Aicut	1
8	Chufaur Aicut	1

5th Division

South Arcot District.

4	Vanamadary Aicut and Head Sluice	2
6	Mamathur Aicut, built across the Manimuttar	1
8	Vellam Aicut and Bridge. middle River	1

7th Division

Coimbatore District

46	Taniapottoor Aqueduct.	1
47	Mungamary " " " "	1
52	Head Sluice for Thadapully Channel	1

List of Plans of Important Irrigation Works.

1st Division

Eodavery District - Eastern Delta

Plan No.

- 1 Head Sluice, under Sluice and Arnicut.
- 2 Biccavole drain improvements.
- 3 Two drops on do.
- 4 Calingulah at head of Tothabaga drain
- 5 New Lock and Calingulah at Madapad
- 6 do do at Thosipoodi } locanadde
- 7 do do at Chintapilly } Canal.
- 8 do do at Covoos
- 9 do do at Thapadwarum } Mundapetta
- 10 do do at Pussalapoodi } Canal.
- 11 do do at Moolastanum
- 12 do do at Kolaishwarum } Bank
- 13 do do at Kulla } Canal.
- 14 Calingulah at 30th mile, Bank Canal
- 15 Alterations to Lock & new Calingulah at 14th mile } Coringa
- 16 Calingulah at Mt of Takee main drain } Canal.
- 17 Two Calingulahs at 24th mile
- 18 Lock and Calingulah at 30th mile } Ingeram Canal.
- 19 do do at 33 $\frac{1}{2}$ miles

Eodavery District - Western Delta

- 1 Head Sluice
 - 2 Chettipetta Weir
 - 3 Paravelli New Lock & weirs
 - 4 Stempudi do
 - 5 Markair New Lock
 - 6 Kartum do
 - 7 Palacole New Lock & weir
 - 8 Nursapur old Lock
 - 9 Mogullur New Lock & weir
 - 10 Mookamala old Lock - Muckala Drain.
- Nursapur Canal.

- 11 Khandavelli old Lock & weir
 12 Siddantim do
 13 Kodair New Lock & weir
 14 New double lock at the junction of Muckala drain
 15 Gostanadi old lock
 16 Kavilapuram New weir
 17 Perumundra New lock & weir
 18 Godicherla New Lock & weir
 19 Gummapad do
 20 New Mandamur Lock
 21 Perrimalla old double lock & weir
 22 Chinnakapaveram old Lock & weir
 23 Yatiipad do
 24 Chillakampad New Lock & old weir
 25 Gollala Kodair New Lock & New weir
 26 Old Mandamur Aqueduct.
 27 Old dam Calingulah or weir. Enamaduru drain.
 28 Ellou Lock - Ellou Canal.
 29 Vijainwarum H. & Under sluices.
- } Bank Canal.
 } Gostanadi
 } Attili Canal.
 } Weyaru
 } Undi Canal.
 } Ellore Canal.

Kodavery District. Central Delta.

- 1 New Lock at Calingulah at Pallu
 2 do at Ramchendrapur
 3 Calingulah at Billampudy
 4 Gunnareni Aqueduct.
 5 New Lock & Calingulah at Mundaplanka
 6 Calingulah at Pazole.
 7 New Lock and Calingulah at dollah
 8 do at Mandapilly
 9 do at Madupetta
 10 do at Kondakinduru
 11 Calingah at Kundalewara.
- } West Bank Canal.
 } East Bank Canal.

- 12 Calingulah at Pallivella
 13 Lock and Calingulah at Mookanala
 14 do at Kadupudy
 15 do at Chintalpady
 16 do at 37th mile
 17 do at 43rd mile
 18 Improvements to Kowika drain
 19 do
 20 do to Inapur drain
 21 Bobber Lanka Head & under sluices.
- } Analapur Canal.
 } Bendamurlanka.

Gangam District.

- 1 Roosherlea Project.
 2 Panchadara Project.

Tiragapalam District.

- 1 Improvements of Kondakula Lake.
 2 Proposed Channel from Lake to Madatore & Panchadara.

2nd Division.

Thiruvana District. Eastern Delta.

- 1 Annicut
 2 Head sluice, under sluice & Head Lock
 3 Arukhipadu Lock
 4 do Calingulah
 5 Tiranki Lock
 6 do Calingulah
 7 Medumole Lock
 8 do Calingulah
 9 Arumuroo Lock
 10 Sultanagarum Tunnel
 11 Tidal Lock
 12 do Calingulah

- 13 Budamair Aqueduct
- 14 Calingulah at Teravalli
- 15 Mithiru under Tunnel
- 16 Tumilair Aqueduct
- 17 do Inlet & Outlet
- 18 Lock at Kesaripalli for Budamair
- 19 Calingulah at do
- 20 Calingulah for Moparru Channel.
- 21 New River Head Sluice at Bezawada.
- 22 Pulleru Head Sluice at Hankipadu 1st Set.
- 23 do 2nd Set.
- 24 Mewuru Calingulah
- 25 Pamarru Lock
- 26 Regulating Calingulah and Bridge
- 27 Head Lock of Bantumilli Channel
- 28 Calingulah of do
- 29 Old Pulleru Head Sluice.
- 30 Palvarazodu do
- 31 Terminus Calingulah of Bantumilli Channel.

Kistna District. Moteru Delta.

- 1 Head Sluice at Telainagarum
- 2 Under do at do
- 3 Head Lock at do
- 4 Duggirala Rapid
- 5 do Lock
- 6 do Calingulah
- 7 Kuchipudi Lock
- 8 Inturn Lock
- 9 Kullawada Lock
- 10 Tidal Lock
- 11 Head Lock at Ravendrapadu
- 12 Head Sluice at do
- 13 Vellaturu Channel Calingulah
- 14 Mummangi under Tunnel.

Mizampatam Canal.

Moteru Branch Channel.

Vellatur Channel

- 15 Koommanurroo Lock
- 16 Igarlamudi Lock & Calingulah
- 17 Escape for Gunturu Nullah
- 18 Kolimerla Aqueduct
- 19 Kullamadu Calingulah
- 20 Inlet to Paruchuru Vagoo.
- 21 Inlet at 9th mile
- 22 Outlet at do
- 23 Inlet in 11th mile
- 24 Outlet do
- 25 Inlet in 14th mile
- 26 do 16th mile
- 27 Under Tunnel do
- 28 Outlet do
- 29 Outlet to Santaravaru Tank.
- 30 Outlet at 19^{1/2} mile
- 31 Inlet do
- 32 Terminus escape
- 33 Sumpatodu Calingulah.

Koommanoor Channel

Kolleru District. Pennair Delta.

- 1 Pennair Inicut
- 2 Old head sluice at Inicut
- 3 Auxiliary do do
- 4 Allipuram Regulator
- 5 Annuluru Dam
- 6 Gundlapalem Drop.
- 7 Voluru Branch head sluice
- 8 Surplus Sluice
- 9 Survapilly branch head sluice
- 10 Regulator at Voluru Branch
- 11 Idagali Channel head sluice
- 12 Calingulah in Kolleru Tank

- 13 H. Shice and Calingulah at head of Nellore Tank supply Channel.
 14 Mulumudi Lodam Calingulah.
 15 Sarvapilly Tank Calingulah.

3rd Division
Cuddapah District.

- 10 Pournamla Tank
 11 Buducil Tank
 12 Chota. orampad Tank
 13 Kundacori Tank
 14 P. Tippasamoodrum Tank
 15 C. Tippasamoodrum Tank
 16 Rungasamoodrum Tank
 17 Buddcalpully Tank

Kurnool District.

- 18 Cumbum Tank

Bellary District.

- 1 Narraindavakurra Tank
 2 Durnaikurra Tank
 3 Darogee Tank
 4 Singanamulla Tank
 5 Anantapur Tank
 6 Yerratinarajcheruvu Tank
 7 Durnavichu Tank
 8 Borkapalanu Tank
 9 Purghee Tank

4th Division.
Madras (Chingleput) District

- 1 Tullor Ancient
 2 Madras water works Project.
 3 Chembrambankum Tank Project.
 4 Kambankal Channel.
 5 Madranticurn Tank.

North Arcot District.

- 6 Poiney Ancient & Channel
 7 Palar Ancient & Channel
 8 Cheyaur Ancient & Channel.

5th Division.
South Arcot District.

- 1 Trikulur Ancient across the Ponirur River.
 2 Puttambankum ^{do}
 3 Tirady Ancient across the Cuddalur River
 4 Kancumaday ^{do} ^{do} & Head Shice.
 5 Tiruvandipuram ^{do} ^{do}
 6 Mamathur Ancient across the Manimuttanuddy River.
 7 Keenanore ^{do}
 8 Vellaur Ancient and Bridge
 9 Palandoray Ancient across the Vellaur River.
 10 Katymflor dam across the Mayuranuddy River.

6th Division.
Trichinopoly District

- 1 Ancient across upper Coleroon River with head sluices of
Iyew & Curvaley Channels & Regulating dam across Cauvery River
- 2 150 Yards Calingulah on the N. Bank of Cauvery at 3 miles
100 ft E. of Suringham head.
- 3 Regulating dam across Cauvery & Tennaur head and
Allavorkal head sluices at 14 miles 2200 ft E. of Suringham head.
- 4 Grand Ancient on the N. Bank of Cauvery at 17 miles
650 ft E. of Suringham head.

Tangore District.

- 5 Corilady Calingulah and Bridge on the N. Bank of
Cauvery at 19 miles 2900 ft E. of Suringham head.
- 6 Regulating dam & Bridge at the head of Codamurti
and Cauvery River at 26 miles 4100 ft E. of Suringham head.
- 7 Nadoragordy surplus sluices on the N. Bank of Cauvery
at 33 miles 1000 ft E. of Suringham head.
- 8 Regulating dam across Cauvery and Arasalar
Rivers at 46 miles 3500 ft E. of Suringham head.
- 9 Ancient & Bridge over Lower Coleroon River head
sluices of N. & S. Rajah Vikals and Kumikunmyaur.
- 10 Regulating dam across Cauvery & Virasholan at
60 miles 2530 ft E. of Cauvery dam. (N. 11)
- 11 Regulators across Tennaur & Vettaur River sluices.
- 12 Do. Paumanyaur & Corryaur Do.
- 13 Do. Paundanyaur Do. Do.
- 14 Do. Vellyaur Do. Do.
- 15 Cutchunungalum Ancient in Tennaur.

7th Division.
Coimbatore District.

- 1 Chittravady Channel
- 2 Coimbatore Channel & Periacolum Tank
- 3 Krishnamputty Tank
- 4 Conchy Channel & Tank
- 5 Karasampetty Tank.
- 6 Kullar Channel
- 7 Telacolum Tank
- 8 Agravellalre Tank.
- 9 Kraposam Channel
- 10 Karaputty Channel
- 11 Holapathor Tank
- 12 Vadacalore Channel
- 13 Perijanay Channel
- 14 Vadacalore Channel
- 15 Ingon Channel
- 16 Madapore Channel
- 17 Udderpollum Channel & Tank
- 18 Passipollum Channel
- 19 Samalaporum Channel & Tank
- 20 Soloor Channel & Tank
- 21 Sholamady Channel
- 22 Circar Kunnyady Pottor Channel
- 23 Colanum Tank
- 24 Comaralingum Channel
- 25 Kadathoor Channel
- 26 Kullaporum Channel
- 27 Hanyor Channel
- 28 Kurlathulavoo Channel
- 29 Pericolum Tank
- 30 Chitticolum Tank
- 31 Dully Channel
- 32 Tarasampetty Tank

- 33 Coontoor Tank
- 34 Doddaraganaden Tank
- 35 Chickaraganaden Tank
- 36 Polline Tank
- 37 Kumpapoorum Tank
- 38 Janacoray Tank
- 39 Papanaiten Tank
- 40 Modully Tank
- 41 Jackallykollakerry Tank
- 42 Hoondistal Tank
- 43 Krongalakaray Tank
- 44 Moodigounden Thotakaray Tank
- 45 Coondoorully Tank
- 46 Vanipooroor Aqueduct
- 47 Mungamary Aqueduct
- 48 Anantagarum Tank
- 49 Mullaon Tank
- 50 Pokaram Tank
- 51 Copagordul Tank
- 52 Thadapully Channel
- 53 Akkincottai Channel
- 54 Camiempollium Channel
- 55 Odathoray Tank
- 56 Lettyamoodrum Tank
- 57 Andyor Tank
- 58 Tambatty Tank
- 59 Brummadasem Tank
- 60 Calingaroyen Channel
- 61 Cornathor Tank
- 62 Kungarajien Tank. Circar Periapollium
- 63 do. Nanjapalathalavoo.
- 64 Pothoorpollium Channel
- 65 Poyndonai Tank
- 66 Poodacrypollium Tank
- 67 Vadrogapollium Tank

- 68 Velodooperiyari Tank
- 69 Aravacoorchy jungle stream & Nanjanjee A. Channel.
- 70 Balambapoorum C. Channel.
- 71 Chinmadharapoorum A. Channel.
- 72 Coymbully C. Channel.
- 73 Manarady jungle stream
- 74 Mayacalacoorchy A. Channel
- 75 Nanjapoorloor C. Channel
- 76 Nivoor C. Channel.
- 77 Copadimungalum Tank
- 78 Pullapollium A. Channel
- 79 Panchamadavy C. Channel
- 80 Pulyoor C. Channel
- 81 Sinaparitty C. Channel
- 82 Theromanellor C. Channel
- 83 Tongal C. Channel
- 84 Tellambady jungle stream
- 85 Velleyanay Tank
- 86 Kilinghi Channel
- 87 Colinjivady Channel
- 88 Coingoor Tank
- 89 Dallavryputium Channel
- 90 Dharapoorum Channel
- 91 Nanjathalayoor Channel
- 92 Periyapollium Channel
- 93 Poodacrypollium Channel

Malabar District

- 1 Payoli Lock
- 2 Katal Dam
- 3 Yennamakel Dam.

9th Division

Madura District

- 1 Pothamootoor Ancient

- 2 Paulamparavos Anicut.
- 3 Chinnamanoor do
- 4 Mahimercottai do
- 5 Coochanoor do
- 6 Coparputty do
- 7 Seliamputty do
- 8 Virapandy do
- 9 Chuttraputty do
- 10 Palanichetty do
- 11 Bullagondoo do
- 12 Vandamputty do
- 13 Kuranoor do
- 14 Manoor do
- 15 Agrarum do
- 16 Porteur do
- 17 Parauay do
- 18 Chittanay do

Tinnevely District.

- | | | |
|----|------------------------------|-----------------------|
| 1 | Codymalaligien Anicut | } Tambrapourney River |
| 2 | Metheryooney do | |
| 3 | Cannoldien do | |
| 4 | Kodagum do | |
| 5 | Pallyoor do | |
| 6 | Sutamalay do | |
| 7 | Mudoor do | |
| 8 | Strivygomutun do | |
| 9 | Kulhadagay head sluice | |
| 10 | Koorokay do | |
| 11 | Thenthiripathu Syphon sluice | } Chittaur River. |
| 12 | Anthoor H. sluice | |
| 13 | Kummeni Anicut Vypaur River. | |
| 14 | Phillianellur Anicut | |
| 15 | Oranjair do | |
| 16 | Altharcolim do | |
| 17 | Cokaruncottai do | |
| 18 | Manur do | |
| 19 | Turanem do | |

Proceedings of the Madras Government
 Under date the 1st Jan 1873
 Read the following
 From the Secy to the Govt of India P.W.D. — (A. E. No 1073. I 8/23rd Dec 1872. Ordered that the following letter be sent —

To. 37
 The Secretary to the Government of India. P.W.D.
 Sir. In reply to the Assistant Secretary's letter No. 1073 I dated 22nd Uthirai I am directed to enclose a list of the plans of irrigation works which it was arranged should be prepared, and of those which have been received in the office of the Chief Engineer for Irrigation up to

date, and to inform you that the general maps of Divisions, and all the plans as yet prepared will be forwarded at once.

2. It was intended to wait until all the plans had been got ready; but, as there appears to be no immediate prospect of their completion, owing to the establishments being unable to meet the pressing demands in connection with the current work of the Department, it appears to be inadvisable to

to delay transmitting the plans which have been received.

Dec. 14/1/73
P.M.W.

25

Desp^d 10/2/73 with 7 copies of the list of plans & plans per first page of the list together with 8 maps of Org

+ Desp^d 12/2/73 through the Custom House

Gobt. of [1873] Madras.
PUBLIC WORKS.

To
*The Secretary to the
Govt of India*

Dated

Recd.

Encl.

G. O. 4th Feb 73, No 366-367

No. 69-70 & 71

Irrigation Works in
Madras. Paper orders
in letter from the Probet
India Enquiry what
progress has been
made in meeting
the demand for a
complete series of plans
of important irrigation
works in Madras -

Forwarded, with
remarks, a list of
the plans of irrigation
works intended to
be prepared.