

- (1) பக்கங்களின் எண்ணிக்கை 18
 (2) புதுக்கித் திருப்பிய நாள் 8/90
 (3) ஆதாரங்குறிப்பவர் கருக்கொப்பம் 609

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

(61)

P. W. D. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1164	அச்சகம் பலவகை
நாள் :	27-4-1891	198/

மடிக்கலோ கண்டயடி கையாளலோ கூடாது

9. sheets
 Lm. 25/6/90

சு.வ.க. கர-1-13,008-15-6-87.

(6)

1164
27TH APRIL 1891, No. 1164 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

G.O., dated 16th April 1891, Mis. No. 887 L., Local and Municipal.

Read—the following paper :—

From the Public Works Department, dated 14th January 1891, No. 110 W.

ABSTRACT.—Communicating, for opinion, despatch from the Government of India, requesting certain information regarding canals and roads opened or in course of construction.

Order—dated 16th April 1891, Mis. No. 887 L., Local and Municipal.

The best method of obtaining the required information appears to be to have special maps prepared for the purpose by all Presidents of District Boards and to forward these to the Surveyor-General for the entry on his map of the necessary particulars. Presidents should be furnished by the Revenue Survey Department with taluk maps, scale 1" = 1 mile, and the Local Fund Engineers should be required to fill in the maps in accordance with the following instructions :—

- (1) Existing roads, roads constructed in the course of the year and roads in course of construction or proposed to be constructed should be clearly distinguished.
- (2) The names of the several roads and the towns or important villages through which they pass should be entered in every case.
- (3) Metalled roads should be distinguished from unmetalled roads, a single red line being used for the latter and a double for the former.
- (4) Improvements to existing roads need not be shown.

2. It is observed that the information called for in para. 2 of the letter from the Government of India has been furnished by the Superintendent of Revenue Survey in his letter printed in G.O., dated 19th March 1891, No. 805 W.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

ORDER—dated 27th April 1891, No. 1164 W., Public Works.

Ordered to be forwarded to the Government of India in continuation of this department letter No. 806 W., dated 19th March 1891.

(Here enter No. 1165 W., dated 27th April 1891.)

(True Extract.)

(Signed) A. C. SMITH, Lieut.-Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.

1164
2

2 27TH APRIL 1891, No. 1164 W., PUBLIC WORKS.

ENDORSEMENT—dated 27th April 1891, No. 1165 W., Public Works.

Forwarded.

(By Order.)

Lieut.-Colonel, R.E.,
Ag. Joint Secy. to Govt., P.W.D.

Exd. A. D. Xavier.
Spare Copies

GENERAL
ESTABLISHMENT.
Govt. of {1891} Madras.
PUBLIC WORKS.

Dated April, 27th.

Recd.

Encl.

G.O., 27th April 1891, Nos. 1164,
1165 W.

APRIL.

Location of various Public
Works

Forwarding Proceedings, Local and Muni-
cipal Department, suggesting the best
method of obtaining information as to the —.

1169
3
19TH MARCH 1891, No. 805 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

G.O., dated 20th February 1891, No. 1222, Revenue.

Read—the following letter from the Superintendent of Madras Survey, dated 16th
February 1891, No. 30-G. :—

[Reference.—G.O., dated 22nd January 1891, No. 516, regarding maps to the Surveyor-General
with information about Public Works Department's canals and roads.]

I have the honor to report that the taluk maps, scale 1" = 1 mile, show canals
and roads as they existed at the time of survey. These maps could easily be
corrected up to date by the Public Works Department or Local Fund Engineers
and supplied to the Surveyor-General when required.

2. The enclosures received with the Government order under reply are returned.

Order—dated 20th February 1891, No. 1222, Revenue.

Communicated to the Public Works Department with reference to G.O.,
No. 110 W., dated 14th January 1891.

(True Extract.)

(Signed) R. C. C. CARR,
Ag. Under-Secy. to Government.

ENCLOSURE.

G.O., dated 22nd January 1891, No. 516, Revenue.

Read—Proceedings of the Public Works Department, dated 14th January 1891, No. 110 W.,
communicating to certain authorities letter from the Government of India for expression
of the opinion asked for in para. 1 regarding the exact location of various public works
and for reply to the question in para. 2 as to maps which accurately show the canals
and roads in the Madras Presidency.

Order—dated 22nd January 1891, No. 516, Revenue.

Referred to the Superintendent of Revenue Survey for early report.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

No. 8 W.

Note by the Chief Engineer for Irrigation.

There are not in this department any accurate maps on a large scale showing
the exact location of all the various irrigation works as executed, but for most of
those more recently carried out, say during the past twenty years, there are surveys

19TH MARCH 1891, No. 805 W., PUBLIC WORKS.

on varying scales showing the alignment which the various canals and channels were designed to have. This alignment has doubtless in some places been altered during construction.

2. There are, however, for all the more important irrigation systems "sketch maps," a list of which is given in the margin.

	SCALE.	
1. Map of Ganjam-Gopálpur and Chilka lake canals ..	1" = 4 miles	
2. Do. of Rushikulya and Mahanaddi canals ..	1" = 4 "	
3. Maps showing canals in the Godavari delta in 3 sheets ..	1" = 2 "	
4. Do. do. Kistna delta in 2 sheets ..	1" = 2 "	
5. Map of Kurnool-Cuddapah canal ..	1" = 4 "	
6. Do. of the Pennér northern delta ..	1" = 2 "	
7. Do. do. southern do. ..	1" = 4 "	
8. Do. of Pálar anicut system, northern and southern sections, in 3 sheets ..	1" = 1 mile	
9. Do. of Bárár tank project ..	1" = 1 "	
10. Do. of Pelandorai anicut system ..	1" = 1 "	
11. Do. of Cauvery delta ..	1" = 1 "	
12. Maps showing channels of Bhaváni and Amaravati rivers in 2 sheets ..	1" = 8 miles	
13. Map of Periyár project ..	1" = 4 "	
14. Do. Srivaikuntham anicut system ..	1" = 6 "	
15. Do. Buckingham canal in 7 sheets ..	1" = 2 "	
16. Do. West Coast canal in 9 sheets ..	1" = 2 "	

These maps may be taken as denoting the location of the various channels sufficiently accurately for any map whose scale does not exceed 1" = 2 miles. A sample map is forwarded for reference and the others can be supplied if required.

CHEPÁK,
6th March 1891.

To the Secretary to Government,
Public Works Department.

(Signed) G. T. WALCH,
Chief Engineer for Irrigation.

ORDER—dated 19th March 1891, No. 805 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 806 W., dated 19th March 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Local and Municipal Department.
" Revenue Department.

Exd. A. D. Xavier.
Spare Copies

GENERAL
ESTABLISHMENT:
Govt. of Madras.
PUBLIC WORKS.

Dated March, 19th.

Recd.

Encl.

G.O., 19th Mar. 1891, No. 805 W.

MARCH.

Location of various Public
Works

Ordered that the Government of India
be addressed on the subject of the best
means of obtaining reliable information as
to the —.

19TH MARCH 1891, No. 806 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

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

SIR,

I am now directed to reply to your letter No. 3551 G., dated 23rd December 1890, on the subject of the best means of obtaining reliable information as to the exact location of various public works. The works particularly mentioned are (1) railway works, (2) canals, (3) roads.

2. As regards (1) the existing arrangement under which the Railway Department send their original index plans to the Survey office, Calcutta, where the alignments are entered on the maps by surveyors accustomed to such work, is stated to work well, and no change is apparently desired. It thus remains to consider the best means for obtaining accurate information under (2) and (3).

3. In respect to (2), the Chief Engineer for Irrigation reports that there are not in his department any accurate maps on a large scale showing the exact location of all the various irrigation works constructed, but that, for most of these more recently carried out, say during the past twenty years, there are surveys on varying scales showing the alignment which the canals and channels were designed to have. This alignment has doubtless in some places been altered during construction. But for all the more important irrigation systems there are "sketch maps" which may be accepted as sufficiently accurate for transference of details to any map on a scale not exceeding 1" = 2 miles. A sample map is forwarded herewith for reference, and the others can be supplied if required. The following is a list of the irrigation systems for which "sketch maps" are available:—

	SCALE.
1. Ganjam-Gopálpur and Chilka lake canals	1" = 4 miles
2. Rushikulya and Mahánaddi canals	1" = 4 "
3. Canals in the Godávari delta	1" = 2 "
4. Do. in the Kistna delta	1" = 2 "
5. Kurnool-Cuddapah canal	1" = 4 "
6. Pennér northern delta	1" = 1 mile
7. Do. southern delta	1" = 1 "
8. Pálár anicut system, northern and southern sections	1" = 1 "
9. Bárúr tank project	1" = 1 "
10. Pelandorai anicut system	1" = 8 miles
11. Cauvery delta	1" = 4 "
12. Channels of Bhaváni and Amarávati rivers	1" = 6 "
13. Periyár project	1" = 2 "
14. Srivaikuntham anicut system	1" = 2 "
15. Buckingham canal	1" = 4 "
16. West Coast canal	1" = 4 "

19TH MARCH 1891, No. 806 W., PUBLIC WORKS.

4. The taluk maps, scale 1" = 1 mile, can be employed for information in regard to (3) roads. These maps show canals as well as roads as they existed at the time of survey, and His Excellency the Governor in Council believes that there will be no great difficulty in bringing them up to date by the agency at the disposal of the Public Works and Local Fund Engineering departments so as to meet the requirements of the Surveyor-General.

I have the honor to be,
Sir,

Your most obedient servant,

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

FORT ST. GEORGE,
19th March 1891.

Exd. A. D. Xavier,
Spare Copies

1169
X
2

GENERAL.
ESTABLISHMENT.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated March, 19th.

Recd.

Encl.

19th Mar. 1891, No. 806 W.

MARCH.

Location of various Public
Works

On the subject of the best means of ob-
taining reliable information as to the —.

[26]

Local and Municipal Department.



1169
7

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper:—

From the Public Works Department,
dated 14th January 1891. No. 110 to Communi-
-cating for opinion, despatch from the
Government of India requesting certain
information regarding Canals and roads
opened or in course of construction.

Order dated 16th April 1891 No. 887 L. No.

The best method of obtaining the
required information appears to be to have
special maps prepared for the purpose
by all Presidents of District Boards and
to forward these to the Surveyor-
General for the entry on his map of the
necessary particulars. Presidents should
be furnished by the Revenue Survey
Department with taluk maps scale 1" = 2 miles
and

and the Local Fund Engineers should be required to fill in the maps in accordance with the following instructions.

- (1) Existing roads, roads constructed in the course of the year and roads in course of construction or proposed to be constructed should be clearly distinguished.
- (2) The names of the several roads and the towns or important villages through which they pass should be entered in every case.
- (3) Metalled roads should be distinguished from unmetalled roads a single red line being used for the latter and a double for the former.
- (4) Improvements to existing roads need not be shown.

2. It is observed that the information called for in para 2 of the letter from the Government of India has been furnished by the Superintendent of Revenue Survey in his letter printed in G.O. dated 19th March 1891. No 805 W.

(True Extract)

Yours faithfully
Major R.E.
Under Secretary P.W.D.
for Chief Secretary

To
The Public Works Department.

1164
8

Govt. of 1891 Madras

Local and Municipal Department.

To

The O. M. Dept.

Proceedings, dated 16th April 1891,
No. 887 (one).

Subject.

Suggesting the
best method of obtaining
the information required
by the Surgeon General
regarding the location of
various Public Works.

By. No. 1654. 25. 27. 7. 91
" B. 10934 27. 4. 90
" 1106 27. 14. 1. 91
" A. 805 27. 19. 2. 91
" 806 27. 19. 3. 91

sent
to
the
O. M. Dept.

No. 1164. 27. 4. 91

A/

Ordered to be
forwarded to the Port.
of India in continuation
of this depts. letter
No. 806 w 27. 19. March
1891.

MS. No. 1165 w 27. 4. 91

Forwarded.

in
20. 4. 91

recd
11/5/91

Old. 1164 w
22. 23. 4. 91

20/4. 22. 23. 4. 91

1164
9

4270

1890.

Public Works Department.

No.

Dated

Despatched

Received

27-6-91 No 1164 SW.

SUBJECT.

Location of ^{various} public works.

Prop: Lt Mr. Dept suggesting
the best method of obtaining
information re the
cost as to the —. ordered
to be put to that point.

Do — do — do.

Find Prop: Lt Mr. Dept
~~and~~ the best method
of obtaining information
as to the —.

1164 W 40 calls
1155 W 40 calls

(9)

see 27/4. 2/2/91