

- (1) பக்கங்களின் எண்ணிக்கை 14
 (2) புதுக்கித் திருப்பிய நாள் 12/85
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் long

தமிழ்நாடு ஆவணக் காப்பகம்.

(94)

தமிழ்நாடு அரசு

பெ.வ.ந. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	110	அச்சகம் பலவகை
நாள் :	14-1-1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

7 Sheets

ஆவண. கா-1-18,006-15-6-87.

பெ.வ.ந.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers :—

From G. H. W. WALKER, Esq., Officiating Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 11th October 1883, Circular No. XIV P.W.

In continuation of this office circular No. 17 of 31st March 1874, I am directed to request that the following procedure may be adopted in future with a view to the Survey of India being supplied with information as to all Public Works, such as canals, irrigation channels, railways and roads, which have been lately constructed, are in course of construction, or are sanctioned in your Government or Administration, to enable that department to record them and to bring the maps of India up to date.

2. On the 1st January of each year the office of the Survey of India, Calcutta, should be furnished by each local Government and Administration with a written list showing the names of the several Public Works which have been constructed, are in course of construction at the time, or have been sanctioned during the past year.

3. The Survey Department will then forward the sheets of the Atlas of India, on which will be entered those several Public Works in established symbols, and the sheets will then be returned to the Survey of India.

4. Should this information be omitted or delayed, it will become the duty of the Surveyor-General of India to remind each local Government or Administration of the fact, and to request that it may be furnished.

From G. H. W. WALKER, Esq., Officiating Under Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Fort William, 30th November 1883, No. 1510 G.

In reply to your telegram of 12th November 1883, inquiring whether there is any objection to the proposal made by the Board of Revenue and forwarded under your endorsement, No. 2805 W., dated 5th October 1883, to substitute duplicate road maps for the list of roads directed in Public Works Department circular No. XIV, dated 11th October 1883, to be forwarded on 1st January of each year to the Surveyor-General of India, I am directed to state that it is considered that the procedure in all provinces should be alike, and I am therefore to request that lists of the roads completed, under construction, and proposed in each year may be prepared, under the orders of the Madras Government, from the road maps which accompany the Local Funds budget estimates, and that these lists may be forwarded, as directed, to the Surveyor-General.

ORDER—dated 8th December 1883, No. 3531 W., Public Works.

The foregoing correspondence will be communicated to officers and departments concerned, for information and guidance.

2. The Chief Engineer for Irrigation and the Consulting Engineer for Railways will furnish the Chief Engineer, Public Works Department, annually, by 1st December, with a written list showing the names of all Public Works, such as canals, irrigation channels, and railways (including State Railways), which have been lately constructed, are in course of construction, or have been sanctioned by Government.

3. The Board of Revenue will be requested in the Financial Department to arrange to procure in duplicate the road maps which accompany the Local Fund budget estimates, and to furnish the Chief Engineer, Public Works Department, with one set of copies by the 1st December of each year.

4. A complete list of works will then be compiled by the Chief Engineer, and supplied to the Surveyor-General of India by the 1st January.

5. The atlas sheets, to be subsequently forwarded by the India Survey Department, will also be completed by the Chief Engineer, Public Works Department, in the manner desired, and returned to the Survey Department.

6. The lists and maps for the current year should be submitted as early as practicable.

7. Ordered that a copy of these Proceedings be forwarded for the information of the Government of India.

(Here enter No. 3532 W., dated 8th December 1883.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Financial Department.

See Code Committee

Exd. A. F. Goodall.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1883) Madras.
PUBLIC WORKS.

Dated December, 8th.

Recd.

Encl.

G.O., 8th Dec. 1883, No. 3531 W.

DECEMBER.

Public Works

Passing orders on correspondence regarding the preparation of annual lists of—constructed and in progress for the information of the Surveyor-General of India.

110
7TH JULY 1884, No. 1685 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following papers:—

From the Consulting Engineer for Railways, dated 19th December 1883, No. 348.
From the Chief Engineer for Irrigation, dated 1st February 1884, No. 9 E.W.
Proceedings of the Financial Department, dated 3rd April 1884, Mis. No. 756.
Proceedings of the Board of Revenue, dated 5th June 1884, No. 1908.

ORDER—dated 7th July 1884, No. 1684 W., Public Works.

With their letter, No. 1029 G., dated 25th July 1883, the Government of India forwarded draft of a circular which it was proposed to issue, with a view to the Survey Department being supplied with information "as to all public works, such as canals, irrigation channels, railways, and roads, which have been lately constructed, are in course of construction, or are sanctioned;" and they inquired whether the work imposed by the circular could be undertaken.

2. In reply to references on the subject, the Chief Engineer for Irrigation and the Consulting Engineer for Railways reported that there would be no difficulty in supplying the information asked for; but, as regards roads, the Board of Revenue proposed, instead of the written lists of works required by the Surveyor-General, to furnish duplicate copies of the Local Fund road maps, which, it was said, showed the roads constructed, in course of construction, and proposed for construction.

3. The Government of India, however, did not consent to these road maps being transmitted to the Surveyor-General, but requested, in their letter, No. 1510 G., dated 30th November 1883, that lists of roads be prepared, under the orders of the Madras Government, from the road maps, and forwarded to the Survey Department.

4. In paragraph 3 of G.O., No. 3532 W., dated 8th December 1883, the Board of Revenue were instructed to forward the duplicate set of road maps to the Chief Engineer, to whom was delegated the duty of compiling the list of works required by the Surveyor-General.

5. The Board of Revenue have now submitted the road maps in question, but it has been found impracticable to compile from them a written list such as is required by the Government of India. In many cases no distinction is shown between old roads, roads lately constructed, and roads in course of construction or proposed for construction; while no distinguishing names can be found for many of the main and branch lines of communication.

6. Paragraph 3 of G.O., No. 3532 W., dated 8th December 1883, will therefore be cancelled, and instead of the procedure therein prescribed, the Board of Revenue will be requested, in the Financial Department, to obtain from each Local Fund Board a written list for the year 1883, of roads which have been lately constructed, roads in course of construction, and roads sanctioned; and to forward a compiled list to Government in the Public Works Department. A similar list should be submitted annually by 1st December.

3

7. The lists of irrigation and railway projects received from the Chief Engineer for Irrigation and from the Consulting Engineer for Railways will now be forwarded to the Surveyor-General.

(Here enter No. 1685 W., dated 7th July 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
" Financial Department.

ENDORSEMENT—dated 7th July 1884, No. 1685 W., Public Works.

Copy of the above, with lists of irrigation and railway projects, forwarded to the Surveyor-General, with remark that a list of roads will follow as soon as received.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.
PUBLIC WORKS.

Dated July, 7th.

Recd.

Encl.

G.O., 7th July 1884, No. 1685 W.

JULY.

Public Works

Lists of Irrigation and Railway Projects, constructed or in progress or sanctioned in 1883, forwarded to the Surveyor-General of India, with the remark that the list of roads will follow.

[Heads of Departments.]

Circular No. III Public Works.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

Calcutta, the 20th March 1890.

Procedure to be adopted with a view to the Survey Department being supplied with information as to all new public works.

The following is forwarded to the Local Governments and Administrations noted in the margin, in continuation of Public Works Department Circular No. XIV P. W., dated the 11th October 1883, with the request that the suggestion in para. 4 of the letter may be carried out.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab.
The Chief Commissioners of the Central Provinces, Burma, Assam, and Coorg.
The Resident at Hyderabad.
The Agents to the Governor General for Central India, Rajputana, and Baluchistan.

By order,

G. H. D. WALKER,

Under Secy. to the Govt. of India.

No. 516 S., dated 28th February 1890.

From—Major St. G. GORE, R.E., Offg. Asst. Surveyor Genl. in charge Drawing Office.
To—The Secretary to the Government of India, P. W. Dept.

With reference to your office Circular No. XIV P. W., dated 11th October 1883, on the subject of supplying the Survey Department with information as to new public works, I am directed to state that, as at present carried out, the information entered on the corrected sheets of the atlas of India which are sent to us is frequently very difficult to understand.

2. From examination of the various sheets submitted, it is evident that para. 2 of the Circular is generally taken to mean that all public works—especially roads—on which work has been executed during the year, should be shewn.

3. The consequence is that frequently a road which is already shewn on the sheet is inked over in red, and occasionally the red line does not absolutely coincide with the original line, leaving this office in doubt as to whether a new alignment of the road has been made at that point, or whether it is merely a slip on the part of the colourist.

4. What is required is that only such works as do not at present exist on the map, or which are wrongly entered, should be entered with the greatest obtainable accuracy on the map in colour, metalled roads being shewn by a double red line and unmetalled roads by a single red line.

5. I am to request that, if possible, instructions may be circulated which will give effect to the above suggestions.

No. 811 G. of 20th March 1890.

Copy forwarded to the Surveyor General for information.

G. H. D. WALKER,

Under Secy. to the Govt. of India.

No. 10935 d/11 April 1884

Recorded, with
reference to G.O. No
1684 w d/7 July 1884

(sd) R. R. E. D. B.

4317

Courtesy Engr. for Rys
Lt. Engr. for Lungs
Local & Munal Dept.

Enclosure to No. 3551 G. of 1890.

No. 2551 G., dated 13th November 1890.

From—The Assistant Surveyor General in charge Drawing Office, Calcutta,
To—The Secretary to the Government of India, P. W. Dept.

In reply to your No. 3096 G. of 4th instant, I have the honour to state that the original Index Maps on the scale of 1"=1 mile similar to those supplied by the Public Works Department, Railway Construction, will exactly suit our wants, and I will be obliged if you will send us similar information regarding canals and roads opened or in course of construction.

No. 3096 G., dated 4th November 1890.

From—The Government of India, P. W. Dept.,
To—The Surveyor General of India.

I am directed to acknowledge the receipt of your No. 2268 S., dated the 6th October last, pointing out the extreme difficulty your Department has in obtaining reliable information as to the exact location of various public works.

2. In reply, I am to enquire whether the supply of a copy of the plans (the largest scale available) on which sanction has been accorded to canals, distributaries from existing canals or roads being undertaken or constructed would sufficiently answer the purpose, or whether the supply of original Index Maps as in the case of railways would be preferred.

No. 2268 S., dated 6th October 1890.

From—The Assistant Surveyor General in charge Drawing Office, Calcutta,
To—The Secretary to the Government of India, P. W. Dept.

With reference to Government of India Circular No. XIV P. W., dated October 11th, 1883, on the subject of supplying the Survey Department with information as to all new public works, I am directed to bring to your notice the extreme difficulty this Department has in obtaining reliable information as to the exact location of various public works.

2. The system instituted was that the sheets of the atlas of India should be forwarded from time to time to the Local Governments, who were to have the various public works entered on them.

3. In the case of railways, it was soon found that the alignment as entered by the railway authorities was frequently very wrong, and at an unofficial conference it was decided that the Railway Department should send their original index plans to this office and that the alignment should be entered on the maps here.

This system has worked well, the line being fitted on to the map in correct relation to the surrounding detail by surveyors accustomed to such work.

4. In the case of canals and roads, however, the old system still prevails; the various items are entered on the sheets by the Canal and District officers, and there is nothing to show whether the canal or road has been entered from surveys in possession of the Public Works Department or whether it is put on purely by guess work. In many cases it is feared that the latter system is adopted, as it is difficult otherwise to account for the fact that frequently different alignments for the same canal or road are shown in successive years.

5. As an instance of this I am directed to enclose a portion of an atlas sheet showing the Balasore Canal as entered by the Public Works Department, Bengal, on three successive occasions.

The alignment in red ink was supplied with their letter No. 191 G. of 20th January 1887; that in blue ink with their letter No. 594 G. of 8th February 1889, and when the map was sent to them a third time, the discrepancy being brought to notice, the third alignment in blue pencil was given as correct.

There appears to be no certainty that the third alignment is any better than its predecessors.

6. Without knowing what data are in the possession of the Canal and Road authorities it is difficult to suggest any remedy beyond that of entrusting the entry of the detail to some responsible person who will take the trouble to get the alignment as correct as possible and that the source from which it is entered be written on the face of the map.

If any maps or plans exist showing the positions of the canals or roads with respect to the neighbouring villages or other detail, it would perhaps be possible to arrange that they might be sent to this office, so that the detail might be inserted on the maps.

No. 3551 G.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
GENERAL.

To
THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, THE NORTH-WESTERN
PROVINCES AND OUDH, AND THE PUNJAB.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BURMA, ASSAM
AND COORG.
THE RESIDENT AT HYDERABAD.
THE AGENTS TO THE GOVERNOR GENERAL FOR CENTRAL INDIA, RAJ-
PUTANA AND BALUCHISTAN.

Calcutta, the 23rd December 1890.

SIR,

In forwarding, in continuation of Public Works Department Circular No. III Public Works of 1890 and previous Circulars on the same subject, copy of the marginally noted papers in which the Surveyor General points out the extreme difficulty now experienced by the Survey Department in obtaining reliable information as to the exact location of various public works, and suggests the procedure to be adopted with a view to remedying the same, I am directed to request that the Government of India may be favoured with your opinion as to the best method of supplying the information required.

2. I am also to request that it may be stated on what maps and on what scale the canals and roads in your Province are accurately recorded.

I have the honour to be,

SIR,

Your most obedient Servant,

G. H. Walker

Under Secy. to the Govt. of India.

Documents accompanying.

Papers referred to.

with 60 SC

Government of India Central Printing Office,—No. 1105 P. W. D.—27-12-90.—915.

To The Secretary to The Govt. of Madras.
Public Works Department.

16-6-16N

PMC 82 70

No. 1093 Wd/11-4-90
- 1684-SW-7-7-84

The question ought also to go to the
Dept. of Survey. The only maps in which
the roads are correctly laid out are the
statute maps published by the Survey Dept.
and the data on which these are compiled
are in many cases old, recently constructed
roads being omitted.

WLS
10 Jan
No. 1101 Wd/14 Jan 1891
Communicated

to the Chief Secy for the
the Rev. Secy
& the Local & General Secy
for expression of the opinion
asked for in para 1, &
for the reply to the
question in para 2.

WLS
8.1.91

(7)

Re. 1.91

4 Jan. 8-1-90.

29 Dec 1891 2 copies to Mr
Ch. S. for Secy WLS
Lib. Secy
L & Secy
Rev. Secy with copy of opinion
Conc. Secy for Secy
for information
with 20.5.C