Proceedings of the Madras Government, Public Works Department, 15th November 1871.

Read the following papers:—

No. 295. From the Acting Superintendent of Revenue Survey, to the Secretary to Government, Public Works Department, dated Chepauk, 27th October 1871, No. 2,401-87.

Passing orders on a letter from the Superintending Engineer, 6th Division, reporting the circumstances under which the old course of the Naut Voikal, in the limits of Mailoor village, has been taken possession of by one Rungasamy Iyengar.

With reference to the concluding portion of paragraph 8 of G. O., No. 2,653 of the 19th instant, desiring me to report whether maps of the banks of the river Cauvery can be prepared in this office from former field-work on such a scale as will suit the Superintending Engineer's purpose as mentioned in paragraph 5 of the above order, I have the honour to state that traverses of the whole of each bank of the Cauvery river, from Cauverypooram in the Bowany Talook of the Coimbatore District to the eastern boundary of the Trichinopoly Talook, Trichinopoly District, are in existence.

2. These traverses can be plotted on any scale that the Superintending Engineer may think desirable.

3. Most of the old traverse stations can be identified on the ground. When the traverses have been plotted by way of a skeleton, the preparation of a topographical survey of the Padugay lands will be a very easy process.

No. 185.

Note by the Acting Chief Engineer for Irrigation

In the above letter the Acting Superintendent of the Revenue Survey states that traverses of the whole of both banks of the Cauvery river, from Cauverypooram in the Bowany Talook of the Coimbatore District to the eastern boundary of the Trichinopoly Talook, are in existence; that they can be plotted to any scale, and that most of the traverse stations can be identified on the ground.

2. As the margins to be taken up along the deep beds of the rivers, or along the foot of the banks, will vary from 18 to 72 feet, and as it is necessary that these margins shall be most carefully laid down on the surveys, the traverses should be plotted on a large scale. A scale of 48 inches to a mile, or three times the scale on which the village maps of the Revenue Survey are plotted, appears therefore to be a suitable and convenient scale on which to plot the traverses, and on this scale the surveys of both banks of the rivers noted in the margin within the limits of the Trichinopoly District should be plotted.

Augunda Cauvery.
Coleroon.
Cauvery.
Vennaur.

3. The survey should indicate the artificial bank, the deep margin of the river, the positions of the old traverse stations, and of any permanent objects, the position of which may have been fixed or on which bench-marks may have been made, such as pagodas, bathing steps, mile-stones, etc.

4. As the Revenue Survey was made some years ago, the line indicating the deep margin of the river will vary considerably from that of the deep margin as

it now exists; but the line should be carefully marked, and the year in which the survey was made should be noted on the survey sheets. The surveys should be plotted on sheets 4 feet 4 inches long by 2¼ feet broad, a mile being plotted on each sheet so as to admit of the survey being bound in the form of a book. Only one mile should be plotted on each sheet, the artificial bank being placed about 3 inches from the bottom of the sheet to admit of ample room being left on which to lay down future accretions, and to plot islands in the river beds. Of the smaller rivers, if the traverses on both sides have been connected, both banks had better be plotted on the same sheet.

FORT ST. GEORGE,
3rd November 1871.

(Signed) R. F., OAKES, Captain, R.E.,
Acting Chief Engineer for Irrigation.

No. 296. ORDER THEREON, 15th November 1871, No. 2,902.

IRRIGATION, No. 25.

THE Acting Superintendent of the Revenue Survey will be directed to have the surveys of the rivers, adverted to in the Acting Chief Engineer's Note, plotted in the manner indicated on a scale of 48 inches to a mile.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Acting Superintendent of Revenue Survey.
" " Chief Engineer for Irrigation.

A°. 2401/87

Revenue Survey Office
Chepauk
27th October 1871.

From

The Acting Superintendent Rev. Survey

To

The Secretary to Government
Public Works Department.

Sir

I have the honor to solicit passing orders on a letter from the Superintending Engineer 6th Division, reporting the circumstances under which the old source of the Nant Vokal, in the limits of Mailoor village, has been taken possession of by one Rungasamy Iyengar.

With reference to the concluding portion of Para 8 of G. O. A°. 2653 of the 19th Instant, desiring me to report whether Maps of the banks of the River Cauvery can be prepared in this office from former field work, on such a scale as will suit the Superintending Engineer's purpose, as mentioned in Paragraph 5 of the above order, I have the honor to state that Traverses of the whole of each bank of the Cauvery River, from Cauverypooram in the Bowany Taluq of the Combatore District to the eastern boundary of the Trichinopoly Taluq Trichinopoly District, are in existence.

2. These Traverses can be plotted on any scale that the Superintending Engineer may think desirable.

3. Most of the old Traverse stations can be identified on the ground. When the Traverses have been

been plotted by way of a skeleton, the preparation of a topographical Survey of the Padugay lands will be a very easy process.

I have the honor to be
Sir
Your Most Obed.t Servant
R. A. Exeter Lieut.t Col
Acting Superintendent Reserves

C.D.N.

No

Letter No. 2401 dt 27th October 1871

From Acting Superintendent Revenue Survey

In the above letter the Acting Superintendent of the Revenue Survey states that traverses of the whole of both banks of the Cavery River from Cavery poram on the Bowany Taluq of the Coimbatore District to the Eastern Boundary of the Trichinopoly Taluq are in existence, & that they can be plotted to any scale and that most of the Traverse Stations can be identified on the ground.

2 As the margins to be taken up along the deep beds of the Rivers or along the foot of the banks will vary from 18 to 72 feet & as it is necessary that these margins shall be most carefully laid down on the Survey the traverses should be plotted on a large scale. A scale of 48 inches to a mile or 3 times the scale on which the Village Maps of the Revenue

Rec'd 29th October 1871

No. Dr. 1871 Dept

From Superintendent

No. 5136.

Revenue Survey

To Secretary to Govt

Public Works Dept

Dated 27th October 1871

Recd 30th " "

Regd 3 Nov. 2401/87

Pr. 526/71. Indpch

Enclosure with reference to G.O. No. 2653 Pub. 29th instant that traverses of the whole of each bank of the Cavery from Cavery poram to the Eastern Boundary of the Trichinopoly Taluq are in existence

Rec'd 1st Nov 1871

Revenue Survey are plotted, appears therefore to be a suitable and convenient scale on which to plot the traverses and on this scale the Survey of both banks of the Rivers noted in the margin within the limits of the Trichinopoly District should be plotted.

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Coleroon
Cavery
Vennaur

3. The Survey should indicate the artificial bank, the deep margin of the River, the positions of the old traverse Stations and of any permanent objects the position of which may have been fixed or on which bench marks may have been made: such as Pagodas - bathing Steps - mile stones &c

4. As the Revenue Survey was made some years ago the line indicating the deep margin of the River will vary considerably from that of the deep margin as it now exists but the line should be carefully marked and the year in which the survey was made should be noted on the Survey Sheets. The Surveys should be plotted in sheets 4'-4" long by 2'-4" broad, 1 mile being plotted in each sheet, so as to admit of the survey being bound in the form of a book.

5. Only one mile should be plotted on each sheet, the artificial bank being placed about 3" from the bottom of the sheet to admit of ample room being left on which to lay down future accretions and to plot Islands in the River beds.

6. If the smaller Rivers if the traverses on both sides have been connected, both banks had better be plotted on the same Sheet.

Fort St. George
3rd November 71

I have &c
Captain R.E.
Ag Chief Engineer for Irrigation

To
The Secretary to Govt
Pub. Department

Compd

Public Works Department

No. 2902.

Proceedings of the Madras Government

Read the following

From

The Actg. Supdt. Rev: Survey } (H.C. No. 2401/87 of 27th October 1871)

" The Actg. Chief Engineer for Irrigation } (H.C. No. 185 of 3rd November 1871)

The Acting Superintendent of the Revenue Survey will be directed to have the Surveys of the rivers adverted to in the Acting Chief Engineer's note plotted in the manner indicated on a scale of ~~2~~ 48 inches to a mile.

20/3

To
The Actg. Supdt.
of Rev: Survey.
Ch. Engineer for Irrign.

P.W.D. 187 1 Supplies. 1,000 Forms
From The Secretary to Govt.
The Actg. Chief Engineer for Irrigation
No. 2644.

Dated 3rd December 1871.

Sir,

I am directed to transmit for the information of the Acting Superintendent of the Revenue Survey a copy of the undermentioned paper.

From The Acting Chief Engineer for Irrigation
No. 185 dated 30th November 1871.

Subject Plotting on a scale of 32 inches to a mile of Surveys of Rivers.

I am to request that the Acting Superintendent of the Revenue Survey will be directed to have the Surveys of the Rivers which it is proposed to utilize for irrigation purposes plotted on a scale of 32 inches to a mile.

I have the honour to be
Sir
Your most obedient Servant
Secretary to Government

To
The Acting Superintendent
of the Revenue Survey.

No. 5264.

Govt. of [1871] Madras.

PUBLIC WORKS.

To The Acting Superintendent of Revenue Survey

Dated

Recd. Encl. 1

G. O. 15th Novr. 1871. No. 2902.

Nos. 295-296

Surveys. The Acty Supdt

Rev. Survey directed to have the Surveys of certain areas plotted on a scale of 48 inches to a mile.