

*Financial Dept.  
Proc. of the Madras Govt.  
Read the following:—*

26TH JANUARY 1885, No. 108, REVENUE.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following note by Colonel J. O. HASTED, R.E., Chief Engineer for Irrigation, dated Chepāk, 13th January 1885, No. 51:—

With reference to paragraph 2 of G.O., Revenue Department, No. 29, dated 10th January 1885, I have only to remark that a special officer is engaged in re-investigation of what is called the upper Bellary project, which consists of a channel from the Tungabhadra near Hospet, to be carried into the drainage basin of the Daroji tank by means of a tunnel through the hills, and above the tank to the station of Bellary, in order to see whether any modification of the project is feasible.

2. The original project has been completely worked out. The cost of the works would be at least 100 lakhs of rupees, and though the Irrigation Company who first took up the project anticipated that it would be remunerative, I have no hesitation in saying, judging from experience gained on the Kurnool canal, that it would never pay. Irrigation of the black cotton plains of Bellary is never likely to be remunerative. Unless therefore the Government are willing to undertake the expenditure of from 1 to  $1\frac{1}{2}$  millions of money on a project to supply Bellary with good water and to irrigate dry crops in years of deficient rainfall, I think the project may be abandoned.

3. I have seen most of the ground on the line the channel would take—the first part, from the Tungabhadra to the Daroji tank, is through difficult country and is, I think, unsuitable for a famine work. The second part, from Daroji tank to Bellary, would be suitable, but the channel of course would be useless until the first part, with the tunnel through the hills, had been completed; its excavation would therefore pledge the Government to a vast expenditure, or would mean digging a hole to be gradually filled up by weather. As I believe I have already stated, I know of no better famine relief work in the Bellary district than deepening tanks in places where space is available for the disposal of the silt removed.

To the Joint Secretary to Government, Public Works Department,  
Irrigation Branch.

Transferred to the Chief Engineer, Public Works Department.

(Signed) J. O. HASTED, Colonel, R.E.,  
Chief Engineer for Irrigation  
and Joint Secy. to Govt., P.W.D.,  
Irrigation Branch.

CHEPAK,  
13th January 1885.

READ—the following note by Colonel J. SHAW-STEWART, R.E., Chief Engineer and Secretary to Government, Public Works Department, dated 17th January 1885, No. 109C:—

I entirely concur in Colonel Hasted's remarks. The cost of the upper Bellary project will probably exceed one million sterling, and the chief advantage to be expected consists in conveying an ample supply of good water into the town of Bellary.

2. If the Government are prepared to face this large expenditure, arrangements may be made for the employment of labor on the excavation of a channel through the plains of black cotton soil which stretch from Daroji tank towards Bellary, but it must be distinctly understood that any expenditure in that direction renders inevitable the execution of what will be by far the most difficult and costly part of the project, the construction of a canal through the rough and rocky country which lies between the Tungabhadra and Daroji tank.

3. To suggest suitable works within the Bellary district for the employment of relief labor is matter of no ordinary difficulty. The subject has been very carefully considered during the last few months with not very satisfactory results. Several large irrigation projects have from time to time been suggested, but none has stood the test of close investigation. The following are the works which in my judgment should first be taken up, but I regret to say that none of them is calculated to give long employment to a large body of labor:—

- (1) The earthwork on the Guntakal-Hindupur line, respecting which the Government of India have already been addressed.
- (2) The short lines of road leading to various stations on the Madras Railway, to which reference is made by the Collector of Bellary in paragraph 4 of his letter, dated 29th December 1884.
- (3) The deepening of the Bellary, Adóni, and other tanks, referred to in paragraph 7 of the same letter.

To the Secretary to Government, Revenue Department,  
with note by Chief Engineer for Irrigation in original.

ORDER—dated 26th January 1885, No. 108, Revenue.

Miscellaneous.

The foregoing notes will be communicated to the Board of Revenue with reference to G.O., dated 10th instant, No. 29.

2. Pending the sanction of the Government of India to the Guntakal-Hindupur railway extension, the Collector will be instructed, with reference to paragraph 10 of his letter of the 29th ultimo, to take immediate steps, in communication with the officers of the Public Works Department, to have estimates prepared for the minor works specified at the close of Colonel Shaw-Stewart's note.

(True Extract.)

(Signed) H. E. STOKES,  
Secretary to Government.

To the Board of Revenue.  
„ the Collector of Bellary.  
„ the Public Works Department.  
„ the Financial Department.

Exd. W. H. French.

80 Copies.

*Order 17<sup>th</sup> February 1885 No 344 Mis.*

*Communicated to the President,  
Municipal Commission, Bellary, with reference  
to his letter No. 27 of 2<sup>nd</sup> February 1885.*

*(True Extract)*

*(Signed) R. S. Benson*

*Ag. Under Secy.*

*Order*

P. W. D.

Govt. of {1885} Madras.  
REVENUE.

N<sup>o</sup> 451. Wd/26 Feby/85

Recorded.

(Signed) J. J.

Issued

Recd.

Encl.

G.O., 26th January 1885, No. 108.

N<sup>o</sup> 451. Wd/26 Feby/85

JANUARY.

Relief Works.

Notes by the Chief Engineer for Irrigation and by the Chief Engineer and Secretary to Government, Public Works Department, regarding — for Bellary, communicated to the Board of Revenue; and the Collector instructed to take immediate steps to have estimates prepared for certain minor works.



With order

S. E. III Circle

C. E. for Irrig<sup>n</sup>

Financial Department  
Proceedings of the Madras Government.  
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To the Joint Secretary to Government, Public Works Department,  
Irrigation Branch.

Transferred to the Chief Engineer, Public Works Department.

(Signed) J. O. HASTED, Colonel, R.E.,  
Chief Engineer for Irrigation  
and Joint Secy. to Govt., P.W.D.,  
Irrigation Branch.

CHEPAK,  
13th January 1885.

READ—the following note by Colonel J. SHAW-STEWART, R.E., Chief Engineer and Secretary to Government, Public Works Department, dated 17th January 1885, No. 109C:—

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2. If the Government are prepared to face this large expenditure, arrangements may be made for the employment of labor on the excavation of a channel through the plains of black cotton soil which stretch from Daroji tank towards Bellary, but it must be distinctly understood that any expenditure in that direction renders inevitable the execution of what will be by far the most difficult and costly part of the project, the construction of a canal through the rough and rocky country which lies between the Tungabhadra and Daroji tank.

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with note by Chief Engineer for Irrigation in original.

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(True Extract.)

(Signed) H. E. STOKES,  
Secretary to Government.

To the Board of Revenue.  
" the Collector of Bellary.  
" the Public Works Department.  
" the Financial Department.

Exd. W. H. French.

80 Copies.

### Relief Works.

Notes by the Chief Engineer for Irrigation and by the Chief Engineer and Secretary to Government, Public Works Department, regarding — for Bellary, communicated to the Board of Revenue; and the Collector instructed to take immediate steps to have estimates prepared for certain minor works.

Order 17<sup>th</sup> February 1885 No. 344 Mis

Communicated to the President, Municipal Commission, Bellary, with reference to his letter No. 27 dated 2<sup>nd</sup> February 1885.

(True Extract)

By Under Secretary

Is an emb.

Bellary

Govt. of {1885} Madras.  
REVENUE.

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*Issued*

*Recd.*

*Encl.*

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G.O., 26th January 1885, No. 108.

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JANUARY.

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**Relief Works.**

Notes by the Chief Engineer for Irrigation and by the Chief Engineer and Secretary to Government, Public Works Department, regarding — for Bellary, communicated to the Board of Revenue; and the Collector instructed to take immediate steps to have estimates prepared for certain minor works.

Govt. of 1885 Madras.

J. Memo: 1837

To

The Public Works Dept

B. N. 451. W. a/ 26 July/85

Recorded.  
RecordedCJ.  
23. 2. 85Regr. sent for b. S. C.  
supplied. 24. 2. 85  
25. 2. 85  
23. 2. 85Proceedings, dated 17<sup>th</sup> February 1885.  
No. 344. Sub: Financial

Subject.

Communicated to the  
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mission, Bellary, with  
reference to his letter No. 27  
of 2<sup>nd</sup> February 1885.

B. N. 451. W. a/ 26 July/85

S. E. III Circle

S. E. IV Circle  
C. E. for J. 27. 2. 8510/3 50/3  
10/3With order  
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