M.R.O. 1—77,003—8-6-37.

(1) Number of pages 160

(2) Date of repair 27.12.07

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Commercial DEPARTMENT.

G.O. No. 655 Press Mis.

Dated 14-5- 18 12

61-62

Not to be folded or roughly handled

Proceedings of the Madras Government, Financial Department,
14th May 1872.

No. 61. Proceedings of the Madras Government, Public Works Department.

Read the following Proceedings of the Madras Government in the Financial Department, dated 23rd March 1872, No. 360.

Order, *12th April* 1872, *No.* 116.

Communicated to the Superintending Engineer, 1st Division.

2. It will be intimated to the Financial Department, with reference to the concluding clause of paragraph 8, that estimates amounting, in the aggregate, to Rupees 21,56,780 have been received from the Superintending Engineer of the 1st Division for completing, for rapid wheel traffic, the portion of the Great Northern Road which lies between Perikeed and the Bengal Frontier, within the limits of the Godavery, Vizagapatam, and Ganjam Districts. Sanction having previously been accorded by the Government of India to estimates for the formation of 269 miles of the road extending from the Madras Municipal limits to Bezwada, in the Kistna District, proposals for the prolongation of the line for that town, so as to fall in with the remaining portion of the road, were awaited from the Superintending Engineer of the 2nd Division, who was understood to be engaged in the preparation of the requisite estimates. These, however, have not yet been received.

3. The following is a summary of the estimates which have been laid before the Government of India from time to time as well as those which are at present before this Department and now require sanction :—

Section of road.	Amount of estimate.	Date of submission.	Date of sanction.
	Rs.		
(1.) From the Madras Municipal limits to 33rd mile in the Chingleput District	2,31,482	27th Sept. 1868, No. 649.	8th April 1868, No. 205-C.
(2.) From 33rd to 211th mile in the Nellore District	2,42,120	22nd Oct. 1868, No. 3338.	10th Dec. 1868, No. 744-C.
(3.) From 211th to 269th mile in the Kistna District	5,41,000	26th Feb. 1869, No. 639.	15th April 1869, No. 186-C.
(4.) From Perikeed to Toonee, in the Godavery District, 122 miles	9,15,800	October 1870.	
(5.) From Toonee to Chicacole, in the Vizagapatam District, 116 miles	6,56,280	,, ,,	
(6.) From Chicacole to the Bengal Frontier, in the Ganjam District, 139 miles	5,84,700	,, ,,	
Total ...	31,71,382		

4. The last three estimates, amounting to Rupees 21,56,780, will, together with the surveys, sections, specifications, and reports be transferred for consideration in the Financial Department.

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R. E.,
Secretary to Government.

Proceedings of the Madras Government, Financial Department,
14th May 1872.

No. 62. ORDER THEREON, 14th May 1872, No. 655.

The estimates, &c., will be transferred to the Local Boards concerned for consideration and early re-submission.

(True Extract.)

Officiating Chief Secretary.

To the Public Works Department.

Exd. A. S. Rodgers.

with reference to [redacted]
No. D. 1478 dated 14th May
1872.

The undersigned is directed to request that a brief memorandum may be furnished explaining the causes of the great excess of the estimated cost per mile of the construction of the new Ghaut road.

[redacted] Chief Engr.

Govt. of India
FINANCIAL
PUBLIC WORKS DEPARTMENT
Draft Ref. No.
Prd.
G. G. Ltr. No. dated the 1892.
MAY
30-10-92.

87. 69

Fort Saint George
10th May 1892

Memorandum

With reference to Official Memo. No. 150 Financial Department signed by the Chief Secretary calling for an explanation of the great differences in the estimated cost per mile of the several sections of the Northern trunk road.

The following are the particulars of the estimates referred to.

A. Provides for widening and metalling the road between the Madras Municipal limits and the 35th mile stone, for constructing bridges over the Cortelliar river and the Kuvagadi backwater and raising the road across the latter and revetting its sides with stone. The length of road

road is say 30 miles- the amount of the estimate Rupees 2,31,482.

B. Is for completing for rapid wheel traffic that portion of the road which lies in the Nellore District of the 2d Division, i.e from the 33rd to the 211½ mile. From the 33d to the 159½ mile the road was, it appears, in good order for the most part and fit for rapid wheel traffic. Three bridges and certain road drains and tunnels were, however, required to render it thoroughly complete. From the 159½ mile to the frontier of the district on the contrary the road had to be made as well as bridged and tunnelled in portions- for this work the estimate provides. The whole length included is 178 miles and the amount of the estimate was Rupees 2,42,120.

This

C. This estimate provides for the continuation of the Trunk road from the 211d mile to the Southern bank of the Kistna at the 269th mile. From the 211½ mile to Guntoor at the 249d mile an entirely new road will be made, but from Guntoor to the Kistna a distance of 20 miles, the road has already been partly made and bridged, and the estimate is for completing it.

The length of road included is 58 miles, the amount of the estimate 54,000 Rupees.

D. The estimate in this case is for completing the Trunk road in the Godavery District from Peddapoor to Cocanada, a distance of 60½ miles, and from Rajahmundry to Joanee, a distance of 62⅛ miles. In this latter portion a good deal of work had already been done in forming the road but it would

appear

appears that this was not the case as regarded the line from Peddapoor to Cuttack. The whole length included in the estimate was 122 9/8 miles and the amount provided Rupees 915,800.

E. This estimate is for completing the road from Tooney to Chicacole in the Vizagapatam District. The first portion in the 2d. Range for a distance of 75 miles appears at the time the estimate was framed, to have already constructed on it, a number of masonry works and provision is made for completing this road and adding others. In the other portion, 41 miles in length, it does not seem that any work had previously been done. The total length included is 116 miles and the cost is estimated at 6,56,280 Rupees.

The

F. The last estimate on the list includes the completion of the road from Chicacole to the Bengal frontier. More or less work had previously been done. In fact the Estimate is for improving an existing road which requires in some places to be made up - in others to be gravelled and metalled, and at intervals to be provided with masonry works for drainage.

2 The expenditure on the road in the several estimates is at the following rate.

A. per mile — Rupees 1776
B. — " — " — 1,360
C. — " — " — 9,328
D. — " — " — 1,506
E. — " — " — 5,057
F — " — " — 4,206

but

but from the above explanation of the actual circumstances under which the several estimates of the North Trunk road from the Municipal limit of this town to the Bengal frontier have been framed - it will be obvious that any comparison of the cost per mile of the several sections estimated for would lead to entirely fallacious conclusions. The rate per mile depended in most cases not so much on the difficulties of the ground as on the state of completeness of the road already existing, which, except in the case of the portion from the 211th mile to Purtoor, was simply intended to be improved by the expenditure provided for.

Robt. Scott Supt. M.
8.5.72 Asst. Engr.

G.W.
8.5.72

Financial 1872 Dept.

From Mem.

The Under Secy: to Govt.
P. W. D.
No. 69.

D/ 10th
R/ 11th } May/72

No. 944

Furnishing the Explanation called for of the great differences in the estimated cost per mile of the several sections of the Northern Trunk road.

11th May 1872 No. 655.

The Estimates &c. will be transferred to the Local Boards concerned for consideration and early re-submission.

Public Works Dept. Dept. 23/

Before handing them over to the Local Boards I should like a brief memorandum on the various differences in the cost per mile of the several sections of the Northern Trunk road.

a 11/5
12-15