

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.
Can. Office

G.O. No. <i>720</i>	Press Mis. _____
<i>90.91</i> Dated <i>5-4-18</i>	<i>60</i>

Not to be folded or roughly handled

2/4/38

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*Proceedings of the Madras Government, Public Works Department,
for the month of April 1860.*

No. 90. Read the following letter from Colonel J. H. BELL, Chief Engineer, to J. D. BOURDILLON, Esq., Secretary to Government, dated Chepauk, 3rd March 1860, No. 10,984:—

With reference to the Proceedings of Government, dated 25th June 1859, No. 1,567, I have the honor to forward herewith a Plan and Estimate received from the District Engineer of Ganjam, for the construction of a new branch road from the Northern Trunk Road No. 6, to the Port of Munsoorcotta or Gopálpore.

1 Letter from Collector, dated 7th November 1859, No. 249, with its enclosure.
1 Abstract Estimate.
2 Plans.
1 Report.
1 Letter from District Engineer, dated 15th February 1860, No. 425.

2. The above branch line of road has been selected after careful inspection of the whole country by the District Engineer. It will have the effect of shortening by three miles the distance to be traversed by carts proceeding from Ganjam and Rumbu to the port of Gopálpore, and a considerable amount of the traffic from Poorshotapore, Atgudda, &c. which now finds its way to Trunk Road No. 6, will be conveyed along it.

3. In reference to the line of road selected, Captain Harington remarks, that a road in any other direction cannot be formed so as to be practicable in the monsoon, "except at a cost that would not be warranted by the extent of the traffic."

4. The Collector, however, is not favorable to the above project. He considers that the Coast road, leading off from Chatterpore, would be a preferable and shorter route, provided a pile Bridge be constructed at the narrowest point of the Backwater, which he supposed might be accomplished for a little more than the present Estimate.

5. The District Engineer, however, estimates the cost of this Bridge and its approaches at Rupees 10,000, or nearly five times the amount of the Estimate for the branch road, and states that the road referred to by the Collector would, even with the addition of the pile Bridge, be still inferior to the branch line proposed by himself, in consequence of the "deep sands and other difficult ground" which would have to be traversed.

6. Captain Harington's proposed branch road will be the means of facilitating access from the interior to the Salt Pans at Munsoorcotta in the event of their re-establishment, which is under contemplation. It will have the advantage besides of being practicable throughout the year, whereas to render the Coast road referred to by the Collector similarly practicable, a considerable outlay will have to be incurred, which the expected traffick would not warrant.

7. I consider the District Engineer's objections to the Collector's proposal to be conclusive and recommend, therefore, the adoption of the branch line provided for in the accompanying Estimate, the rates allowed in which have, on examination, been found correct.

8. The above Estimate having been called for by Government, it is herewith submitted, though no funds whatever are available for the work in the current or ensuing official year. I recommend, therefore, the entry of the same in the Budget of 1861-2.

No. 91. ORDER THEREON, 5th April 1860, No. 720.

Under the opinion expressed by the District Engineer of Ganjam, in which the Chief Engineer concurs, the Government sanction for early execution the Estimate of Rupees 2,200 submitted with this letter for a first class District road from Raganádapore, on Trunk Road No. 6, to Munishipooram on a branch road leading to the Port of Munsoorcotta being a distance of rather more than three miles. The work will be charged to the special fund of three and three quarter lacks allowed in the Budget of 1860-61 for unforeseen expenditure, and it may be commenced immediately after the commencement of that year.

2. The traffic being likely to be heavy, the Chief Engineer will submit a memorandum of the annual maintenance proper to be allowed for this road, which will commence from the 1st May 1860.

(Signed) J. D. BOURDILLON,
Secretary to Government.

17. 10984

Central Office of P.W.D.
Sipit Kiam
3rd March 1860.

Chepaik

From,
The Chief Engineer

To,
The Secretary
to Government P.W.D.

Public.

Sir,

With reference to the Proceedings of

Encls. 4
1 Letter from District dated
7th Nov 1859. 249
with its enclosures
1 Abstract Estimate
2 Plans
1 Report
1 Letter from District dated
15th Feb 1860. 425.

Government dated 25th June 1859, No 1564, have the
honor to forward herewith a Plan and Estimate received
from the District Engineer of Panyam for the construction
of a new branch road from the Northern Trunk Road
No 6 to the Port of Mundir-cotta, or Gopalpur.

2. The above branch line of road has
been selected after careful inspection of the whole
Country by the District Engineer. It will have the
effect of shortening by 3 miles the distance to be
traversed by Carts proceeding from Panyam and
Pembra to the port of Gopalpur and a considerable
amount

amount of the traffic from Pishkottapur, Atgudla dan,
which now finds its way to Trunk Road No. 6, will be
conveyed along it. -

3. In reference to the line of road
selected, Captain Harrington remarks, that a road
in any other direction cannot be formed so as to
be practicable in the Monsoon, "except at a cost
that would not be warranted by the extent of the
Traffic" -

4. The collector, however, is not favorable
to the above project. He considers that the Coast road,
leading off from Chatterpur, would be a preferable
and shorter route provided a pile Bridge be
constructed at the narrowest point of the Backwater,
which he supposes might be accomplished for
a little more than the present Estimate. -

5. The District Engineer, however, estimates 15th February 1860. 425
the cost of this Bridge and its approaches at
Rupees

5
Rupees 10,000, or nearly five times the amount of the
Estimate for the branch road, and states that the
road referred to by the collector would, even with the
addition of the Pile Bridge, be still inferior to the
branch line proposed by himself, in consequence
of the "deep sands and other difficult ground"
which would have to be traversed.

6. Captain Harrington's proposed branch
road will be the means of facilitating access from the
interior to the Salt Pans at ellumsureotta in the month
of their re-establishment, which is under contemplation.
It will have the advantage besides of being practicable
throughout the year, whereas to render the Coast road
referred to by the collector similarly practicable,
a considerable outlay will have to be incurred, which
the expected traffic would not warrant. -

7. I consider the District Engineer's
objections to the collector's proposal to be
conclusive.

conclude and recommend, therefore, the
adoption of the branch line provided for in
the accompanying Estimate, the rates allowed
in which have, on examination, been
found correct. -

8. The above Estimate having been called
for by Government, it is herewith submitted, though
no funds whatever are available for the work in the
current or ensuing Official year. I recommend,
therefore, the entry of the same in the Budget
of 1861/62. -

Central Office of P.W.D.
Dipali Ram
3rd March 1860

D. W. P. W. D.
Copy Ch. Secy. P.W.D. file

I have the honor to be,
Sir,
Your most obedient servant
H. Bell Colonel
Chief Engineer

W. P. W. D.

Public (roads)

(New Work)

Abstract of Estimate No. of 185 / 5

District — Sanjam

Road No. Village —

Work — Constructing a new road from Junk Road. N. 6 near Rajar. road to Masadapur near Sepalpur. Length 3 miles 82 yards.

Quantities	Description of Work	Rate		Amount	Amount of each part
		Rs.	A. P.	Rupees	Rupees
C. Yards.					
7477	Earthwork — Yards		9	350	
3629	Gravelling — Rs.			907	
32748	Sp. Yds. Charing Jungle — Yms Sp.	5		764	
	Extra Establishment & Sundries			139	1560
	Nine Tunnels each 1 Vent				
	— 11 1/2 yard Span —				
23	Rough Stone in Chauram — Yards	1	4	29	
6	Arch work in — Rs.	1	8	9	
2	Concrete work — Rs.	1		2	
2	Sp. Yds. Plastering — Sp.	1	4	3	
1	Centering —			3	
1	Guard Stones — Rs.			1	
	Excavating foundation and filling in approaches —			7	
	Extra Establishment and Sundries —			6	
	For One —			60	
	— none —				510
	Carried Over —				2100

At. No. 1. July 1892 to 23-24

Sanjam, 1860. Estimated
Sum of Rs. 77,234.11

Sanjam Engineer

The Secretary
to Government

At. No. 3. July 1860.
Revenue 64-3

Sanjam, 1860.
Revenue 64-3

At. No. 5. July 1860.
Revenue 64-3

Quantities.	Description of Work.	Rate.		Amount.	Amount of cash paid.
		No.	A. P.	Rupces.	Rupces.
	Brought forward				2100
	One Tunnel of 1 Vent of 2 yards Span				
36	Rough Stone in Churnam	1	4	144	
9	Archwork in do	1	8	72	
7	Concretework	1	1	7	
6	Sq. Plastering	1	4	24	
1	Cinting			6	
1	Guard Stones	1	1	1	
	Excavating foundation and filling in approaches			11	
	Extra Establishment & Sundries			10	
					100
	Total Rupces				2200

Contract Office of P.W.
Sepoah Ram
3 March 1860

H. L. W. Colonel
Chief Engineer P.W.

Enclosure

In a letter

From

The Chief Engineer
S.P.H.

To
The Secretary to Govt.
S.P.H.

DD 893/50

Dated 3rd March 1860
Received

N^o 10984

Abstract Estimate of Con-
struction of a new road from Trunk
road N^o 6 near Raigana da
to Moosedapur near Jopulpore
in the District of Ganjam.

Amounting to Rupees 2200-

13
N^o 720
Proceedings of the Madras Government
Under date the 5th April 1860

Read the following
letter from the Chief
Engineer

Recommends for en-
try in the Budget of 1861/62
an estimate of Rs 2200 for a (new) enter 3rd March/60
new branch road from the
Northern Trunk road N^o 6
to the Fort of Gopalpore.

Under the opi-
nion expressed by the
District Engineer of
Ganjam, in which the
Chief Engineer concurs,
the Government sanction
for early execution
the estimate of 2,200 sub-
mitted with this letter
for a first class district
road from Raigana da

The Chief Engineer should
agree to the estimate to
be made by the Engineer of the place adjacent to
the road from Raigana da
on Trunk road N^o 6

To the Librarian

Public Parks 1800-1890
No. of Govt. 10000000

Ms. 726...

Phos. of the black iron
Drs. Caird & Co.

Donating for
early execution in the
state of Pa 2000 for a
five days Quarantined road
from Lancaster to
to the north of the river in
Gwynne -

Мого 49/.

C24. March 22 April