M.R.O. 1—77,006—3-6-37.

(1) Number of pages 6

(2) Date of repair 27.4.76

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1456 Press / Mis,

57-58

Dated 3-8- 1861.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd August 1861.

No. 57. Read the following Endorsement of the Deputy Chief Engineer in charge of Central Office of Public Works, dated Chepauk, 13th July 1861, No. 2,654 :—

Read the following letter from Captain R. F. OAKES, District Engineer Tanjore, to Lieutenant-Colonel W. I. BIRDWOOD, Deputy Chief Engineer Southern Circle, dated Tanjore, 4th January 1861, No. 295.

SIR,

1. With reference to your Order No. 7,516, on the Proceedings of the Madras Government No. 2,435, dated 24th November, I have the honor to forward a report on the method which I consider the best for constructing and preserving roads in Tanjore, but my experience has been small, and it is not very clear to me what information the Government of India require on the subject.

2. With reference to paragraph 3 of the Chief Engineer's letter to Government on the subject, I have the honor to inform you that Mr. Cadell will not father the suggestion which is attributed to him of constructing parallel roads of clay and sand for fair and foul weather. It would be impossible to carry out such an arrangement for many reasons.

No. 5,140, dated 25th September.

3. The sand roads would be blown away during the prevalence of the land wind which is very high, or during the N. E. monsoon; and the land taken up would be very valuable: even now, narrow, as they are, the slopes of the roads are encroached upon by the Mirásdars for the purpose of extending their cultivation to the utmost practicable limit.

4. Clay for the roads near the coast would have to be procured from a distance of 8 or 10 miles.

---

1 Remarks by District Engineer on clay and sand roads.

1 Extract from Colonel Sim's Report.

1. Submitted to Government, with reference to their Proceedings No. 2,435, dated 24th November 1860.

2. An extract from Lieutenant-Colonel Sim's Report dated 20th August 1844, is also forwarded for information.

(Signed) W. I. BIRDWOOD, Lieut.-Colonel,
Deputy Chief Engineer in charge of Central Office of Public Works.

No. 58. ORDER THEREON, 3rd August 1861, No. 1,456.

Ordered to be forwarded to the Government of India, with reference to Major Goodwyn's letter of the 6th November last, No. 5,676.

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

Ordered that the following letter be despatched.

No. 59. From J. D. SIM, Esq., Secretary to the Government of Fort Saint George, to the Secretary to the Government of India, Public Work Department, dated 3rd August 1861, No. 1,457.

SIR,

1. In reply to Under Secretary Major Goodwyn's letter of the 6th November 1860, No. 5,676, I am directed by His Excellency the Governor in Council to forward for the information of the Government of India, the enclosed* reports on the best method of constructing and preserving sand and clay roads in Tanjore, the earlier one being by Lieutenant-Colonel (now General) D. Sim, when Chief Engineer of Madras, and the other by Captain R. F. Oakes the present District Engineer of Tanjore.

* *Vide* Proceedings of Deputy Chief Engineer in charge of Central Office, dated 13th July 1861, No. 2,654.

2. Should the information now furnished not sufficiently meet the wishes of the Government of India, I am to request that you will be good enough to specify any particular points, upon which further explanation may be desired from the Officers of this Government.

3N

Southern Circle

N°2957 1860/61 — District Engineer's Office

Tanjore 4th January 1861

From

Captain R. L. Oakes

District Engineer Tanjore

To

The Deputy Chief Engineer

D. P. W.

Sir,

"Public" — With reference to your order N°7516 on the Proceedings of the Madras Government N°2435 dated 24th November, I have the honor to forward a report on the method which I consider the best for Constructing and preserving Roads in Tanjore but my experience has been small, and it is not very clear to me what information the Government of India requires on the subject.

2. With reference to para 3 of the Chief Engineer's letter to Government on the subject, I have the honor to inform you that Mr. Cadell will not father the suggestion which

N°5740 of 25th September

which is attributed to him of construct-
-ing parallel Roads of Clay and Sand
for fair and foul weather. It would
be impossible to carry out such an
arrangement for many reasons.

3. The Sand Road would
be blown away during the prevalence
of the land wind which is very high,
or during the N.E. Monsoon, and the
land taken up would be very
valuable: even now, narrow as they
are, the Slopes of the Roads are en-
-croached upon by the Meerasidars
for the purpose of extending their cul-
-tivation to the utmost practicable
limit.

4 Clay for the Roads
near the Coast would have to be
procured from a distance of 8 or 10
miles.

I have &c
(Sgd) R. F. Oakes Captain
District Engineer Tanjore

A true Copy
(Sgd) R. F. Oakes Captain
District Engineer Tanjore

Submitted

No 2654

Submitted to Government
with reference to their Proceedings
Remarks by Dr
regarding Clay and Sand Roads
Extract from Coll Sim's Report No 2.
No 2435 dated 24th November 1860.

An extract from Lieute-
-nant Colonel Sim's Report dated
20th August 1844 is also forwarded
for information.

Central Office P.W.D.
Despatch
13th July 1861
A.B. Hall
Dy Chief Engr & Secy

Dy Chief Engr in Ch: of the Central
Office of P. Works

To
L.D. Sim Esquire
Secretary to Government P.W.D
Fort St George

Pro: of 24th Nov. 1860 N° 387-388
" 11th Oct. " 177-178

P.W. 1861 Dept.
Pro: of Govt. for Aug.t
N° 1610.

From
Lieut. Col. W. J. Birdwood
Dy Chief Engineer in
Charge of the Central
Office of Pub. Works

To
L. D. Smith Esq.re
Secy to Govt. P.W.D.
Fort St. George

Dated 31st July 1861
Rec.d 15th Aug.t 1861

N° 2654

Submits, with reference to order N° 2435 dated 24th Nov.r 1860, a Report from the Superintending Engineer of Tanjore, on the best method of constructing Clay and Sand Roads in that District.

No. 1456. 3 Aug.t

Letter and Order

No. 1456.

Ordered to be forwarded to the Govt. of India, with reference to Major Goodwyn's letter of the 6th November last, No. 2656/6.

Lt. Col. 3d August 1861

J. D. S.

13 Copies.

To the Chief Engr. Dist.s
4 Copies to the Govt. of India
with Original Rec.d

No. 57/458.

Rec.d 27th July 1861