

(1) Number of pages 20

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 206	Press ~~Mis.~~
Dated 22 - 1 - 1877.	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
22nd January 1877. No. 206.*

Read the following letters :—

No. 399. From Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Fort St. George, 18th November 1876, No. 4,482.

With reference to paragraph 2 of G.O., No. 1,270, dated 5th May 1875, I have the honor to submit an estimate, amounting to Rupees 5,200, for deepening and widening the Ootary Nullah accom-

panied by longitudinal levels and cross sections.

2. The project is, in my opinion, likely to do but little good; as when the Ootary Nullah is in flood, the Cooum will almost certainly be also in flood and impede the flow from the Ootary Nullah.

3. The practice of bunding the Nullah was discontinued as directed in the Government Order.

No. 400. From Colonel F. J. MOBERLY, R.E., Superintending Engineer, Chingleput, to Colonel W. FAREWELL, Deputy Chief Engineer, Public Works Department, dated St. Thomas' Mount, 11th December 1876, No. 3,129.

In reply to your memorandum, No. 1,334 T, of 23rd November 1876, I have

the honor to observe that the old calingulah (b) near Shadienkupam lock has been entirely removed down to bed level, and that the breaches in the embankment connecting it with the high ground of Shadienkupam village and the lock have been left open.

2. I send a tracing of the canal between the basin and the mouth of the surplus channel from the Red Hill Tank. Cochrane's canal proper ran into it above the calingulah; the navigation channel now used was cut by Lieutenant (now Colonel) Chambers for the lock.

3. Before removing the calingulah I caused a bank to be thrown across the old Cochrane's canal in the line of the bank (a), and desired that the space between the lock channel and the surplus stream (shaded on plan) should be left for the passage of excess water in the canal; a quantity of silt more lately deposited obstructs its free flow in some degree; I have ordered its removal.

4. I have traced the canal up to the basin, and beg to point out that clearly the outlet from Veysarpady was naturally not to the northward; from the south end of Sattankadu tank is a marked ridge (shown by a dotted black line) across the East Coast Canal running into Tiruvotiyur, through which the canal is in comparative deep cutting; moreover the road from Tiruvotiyur to Ponnery which passes over a part of this ridge would bar any flood.

5. The waterway is limited therefore to 45 feet the span of the bridge; but in such floods as those of 1872 and 1874 the Cortelliar itself lies over the whole country

No. 3129

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE.

*Proceedings of the Madras Government, Public Works Department,
22nd January 1877. No. 206.*

east of the sand ridge and even some distance up the surplus channel from the Red Hills Tank, and the embankments of the canal, such as they are, are nearly everywhere submerged.

6. With reference to paragraph 10 of the Committee's Report in G.O., No. 1,270, of 5th May 1875, I would point out that in Orme's History the Ootary Nullah is called the "North River" and had an outlet through the fort; it also doubtless spread north and east into a backwater which ran down Popham's Broadway into the Coom near the Medical College; the lower part of this is even now a large masonry drain; it is also shown in Orme.

No. 401.

ORDER THEREON, 22nd January 1877, No. 206.

CIVIL WORKS, No. 22-A.

(*) Heads of Service.—Provincial.

Fund.—Ordinary.

Class.—Original Works.

Main-head.—(3) Miscellaneous Public Improvement.

Sub-head.—A, Inland Improvement.

Section.—III, Drainage.

Name of Work.—Widening and deepening the Ootary Nullah.

Amount.—Rupees 5,200.

To be carried out by the Public Works Department.

THE object of deepening and widening the Ootary Nullah is to facilitate drainage. The longitudinal section shows that there is much room for improvement, and though nothing can be done to prevent inundation after heavy rainfall, the more rapid drainage which will result from improving the Ootary Nullah will be beneficial. Nothing appears to have been done to this natural drain for many years, and its restoration to a former

state of efficiency being desirable, the estimate of Rupees 5,200 is sanctioned.
2. This sanction has been registered as Provincial No. 222—W. of 1876-77.

(True Extract.)

Lieut.-Colonel, R.E.,
Secretary to Government.

To the District Engineer, Presidency.

„ Superintending Engineer, Chingleput.

„ Examiner of Public Works Accounts.

Exd. E. C. Shunker.

Spare Copies

G.O. No. 206. 22/1/17

1877

10/30
29/11

The details of the work done

in the year 1877

in the year 1877

in the year 1877

in the year 1877

in the year 1877

in the year 1877

in the year 1877

27/1

(a) Heads of Service— Provincial

Fund. Ordinary

Class. Original Works

Main-head. (3) Miscellaneous Public Improvement

Sub-head. A. Island Improvement

Section. III Drainage

Name of Work. Making & deepening the Port of
Mullati

Amount. Rs 5200

To be carried out by the P. W. Department.

Print in the margin of G.O. No. 206 of 22/1/17

No. 3129

CHINGLEPUT SUPERINTENDING ENGINEER'S OFFICE,
SAINT THOMAS' MOUNT, VIth Decr 1876.

Despt 12 —
67

FROM

THE SUPERINTENDING ENGINEER,
Chingleput.

TO

The Dy. Chief Engineer
Department Public Works.

SIR,

In reply to your Memoirs 1334 J. of 23rd November 1876, I have the honor to observe that the old calingula (b) near Shadienkupam lock has been entirely removed down to bed level, and that the breaches in the embankment connecting it with the high ground of Shadienkupam village, and the lock have been left open.

2. I send a tracing of the canal between the basin and the mouth of the surplus channel from the Red Hill tank. Cochrane's Canal proper ran into it above the calingula; the navigation channel now used was cut by Lt (now Colonel) Chambers for the lock.

3. Before removing the calingula

I caused a bank to be thrown across the old Cochran's Canal in the line of the bank (B) and desired that the space between the lock channel and the surplus stream (shaded on plan) should be left for the passage of excess water in the canal. a quantity of silt more lately deposited obstructs its free flow in some degree; I have ordered its removal.

4. I have traced the canal up to the basin, and beg to point out that clearly the outlet from Tejsar-pady was naturally, not to the Northward. From the South end of Sattan-kadu tank is a marked ridge (shown by a dotted black line) across the East Coast Canal running into Firunotiyur, through which the canal is in comparative deep cutting. Moreover the road from Firunotiyur to Ponnery which passes over a part of this ridge would bear any flood.

5. The waterway is limited therefore to 45 ft. the span of the bridge. but in such floods as those of 1872 and 1874 the Cutler itself

lies.

lies over the whole country east of the sand ridge and even some distance up the surplus channel from the Red Hills tank and the embankments of the canal, such as they are, are nearly every where submerged.

6. With reference to para 10 of the Committee's report in G. O. No. 1270 of 5th May 1875 I would point out that in Brine's History the Otery Kallak is called the North river and had an outlet through the fort, it also doubtless spread North and East into a backwater which ran down Popham's Broadway into the Coorn near the Medical College; the lower part of this is even now a large masonry drain, it is also shown in Brine.

I have the honor to be
Sir

Your most obedient servant
H. M. B. Col. R. E.
Super Engineer Ching Leput

Harried Over

Harried Over

2	45-6	4	4	33-7-62	Brought Over				4490	"	
				14	Two pieces to keep up the						
					side of road						
				98-8-113	Leak wrought & put up	3	1	Off	302	6	"
1	46	8-3	"	77 1/2	Planking 3 inches	48		Apr	296	"	2
4	1-6	1-6	3-6	31 1/2	Pillars						
5	8-6	2-6	"	79 1/8	Sp of pier & attachment						
				111 3/8	Brick work in front	"	2	6	Off	17	6
				175	Laying 6" gravel over the						
					board floor	4	"	Apr	19	"	"
				912 1/2	Plastering Complete	2	6	Dec	21	10	9
				375	Car seats beneath the						
					planking	"	12	6	Dec	2	14
				800	Various Lead color seats						
					to wood work	2	2	Dec	17	"	"
					Sundries						
									33	10	3
									710	"	"
					Total Repairs				5200	"	"

Port Saint George
18th November 1876

Major Superintendent D.O.H.
In charge of Northern Range

Accepted & Paid
Major R. B.
Offg. District Engineer
Residency

Comptd
13/11/76

(No. 4482,

18th
Nov 76

Recd. by

Offg. District Engineer & Secy

Dated 18th } November 1876
 Recd

No. 319 of 1876/77

Estimate for deepening
and widening the Croy
Mullah near the Gun
Powder Factory
Amounting to Rs 5200-00

(No. 4482,

From,

(No. 4482,
From,
The Offg. District Engineer,
Presidency.

So,

The Chief Engineer, and
Secretary to Government,
Wm. D.

With reference to para 2 of G.O. No. 1270 dated 5 May 1875, I have the honor to submit an estimate amounting to Rs 5,200 for deepening and widening the Colony Nullah, accompanied by longitudinal levels and cross sections.

2. The project is in my opinion likely to do but little good; as when the Cotary Nullah is in flood the boom will almost certainly be also in flood, and impede the flow from the Cotary Nullah.

3. The practice of bundling the Utah was discontinued as directed in the G.O.

I have the honor to be
Sir,
Your most obedient servant
Henry W. West - m. p. R. E.
Business Agency

Encl.:
17 Mar.
18 June

6
Dorling-3
1877 No. 1576
Evol. aff

h.D. 80 - 12th Jan'y/75
 " 130 - 21st do
 " 873 - 2nd April
 " 1270 - 5th May

P.W.D.
 20 NOV 76
 No 8395

Submits on Minute
 sent to Mr. S. 200 for
 widening & deepening
 the old masonry Nullah.

Recd 18th
 Dec 1876

The District Engineer
 Presidency
 The Chief Engineer
 20th Nov

Memo No. 1334 Id/23rd Nov/76

399
 Cui 20 - 1 - 1) 1222-1-77

No. 206
 Public Works Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 22nd Jan'y 1877.
 Read the following:—

From
 The District Engineer of
 Presidency (No. 4482 of 18th Nov/76)
 The Suptg. Engineer of
 Chingleput (No. 3129 of 11th Dec/76)

The object of deepening
 and widening the Oldry
 Nullah is to facilitate
 drainage. The longitudinal
 section shows
 that there is much room
 for improvement and
 though nothing can be
 done to prevent inun-
 dation after heavy rain-
 fall, the more rapid
 drainage which will

result from improving
 the Otery nullah will
 be beneficial. Nothing
 appears to have been
 done to this natural
 drain for many years,
 and its restoration to
 a former state of effi-
 ciency being desirable
 the estimate of Rs 5200
 is sanctioned
 as follows.

Ordinary Agricultural
 Drainages
 Original works.

Cleaning and widening
 the Otery nullah.
 Amount of Estimate Rs 5200
 To be executed by P. W. D.

This sanction has been
 registered as DT I of 1877
 This sanction has been
 registered as Provincial
 No 222 of 1877
 1-11-77
 1-11-77

Disp. 2-2-77

H. Presidency ✓
 S. S. Chingleput ✓
 Ex. P. W. Accts. ✓
 Ch. S. for Engr. ✓
 P. W. Accts. ✓
 Revenue Dept.

171

955/1
908/1

Govt. of 1877 Madras.

PUBLIC WORKS.

To

The M. B. Presidency
24/1/77

Dated

Issued

Recd.

Encl.

G. O. 22nd July, 1877, No. 206

Nos.

-40

Oleng Mulla, Presidency

Est — Estimate of

Rs 500 for widening and
deepening the — Cauder

Est in Ref.

20-11-77