

- (1) பக்கங்களின் எண்ணிக்கை 12
 (2) புதுக்கித் திருப்பிய நாள் 13.9.89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10/9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண்.	2022-W.	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	23.7.1890	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

Copy of letter from the Engineer-in-Chief
Tanjore division to the Supt. of
revenue dated 10th June 1890.

Referring to your M 46978 of 2nd June 1890
I have the honor to inform you that
I have just been over the line of
the main drain which has just
been commenced, and beg to submit
the following remarks regarding the
position of the project.

2. Mr. Hancock's field books are not
forthcoming which is unfortunate as
no datum is mentioned, neither are
any B.M.s shown in the longitudinal
section of the main drain,
nor are any of the proposed masonry
works indicated or their levels entered.
3. The drainage scheme which Govern-
ment have decided to adopt is one
which I believe was suggested some
years ago and for which survey
was made. The line of the main drain
is laid down on this survey, but
I find the levels differ from the

length shown in the Handbook large
industrial section by 200 feet

On looking over the estimate I find
that nothing is said about the di-
mensions of the banks. Now as the
height above the 6 ft plus the cut
for excavation is 20.50 per 1000 cft
and a further rate of 12-4 is
allowed for forming the spoil into
banks, whilst the total amount
to be excavated is 29,05,94 cft the
amount for banks is only 11,96,94 cft
all the spoil earth must be
sectioned & may just as well be
formed into banks.

The side slopes of the drain are
1 to 1 which is I think hardly
sufficient, considering there will
sometimes be velocity of over
2 feet a second - It was intend-
ed to allow no berms between
the channel & the banks. A berm
is I consider quite necessary, but
of course, it will increase the
amount of excavation

5. Masonry work. The design for this
will require revision and I think
this cut has been under estimated
for masonry to pass under a 20 ft
road the drain which has a bottom
width of 17 feet and carries 6
ft of water when full, a culvert
is all that is of only 10 feet span,
4 1/2 feet from floor to springing
and rise of arch 2 1/2 feet. The
cost of this culvert is put down
at only Rs. 339. But to build
a culvert of the required dimension
with suitable foundations would
I think cost considerably more.
6. What I propose doing now is
to have the extreme boundaries
of the drain kept settled allowing
for 1 1/2 to 2 side slopes & a 3' berm
on either side of the channel.
When this is done level plans
can be prepared & the Revenue
Department asked to acquire
the land. From my experience

I should say this would occupy
several months. I shall have
entirely new longitudinal & cross
sections taken & submit a revised
estimate for the main drain - All
this could easily be done before
the land is handed over to us.
J. M. Walsh has been at Kumbha
camin for more than 2 months
during which time he does not
seem to have done very much.
This is partly the fault of the
Municipality who have not
yet sanctioned the establishment
of a writer or barcar. M. Walsh
has also been sick on several
occasions and I am bound
to say the plans & estimates
are not very clear.

No 6/9 79 dt/ 28 June 1890.

The final plans & estimates do not
appear to have been sent through the Office
and Mr Hancock the Special Officer
employed in the investigation of the
project appears to have handed over

all instruments to the Municipal
Engineer when he completed
his work, it is very likely that his
field books would have been left
with the Municipality.

Under the circumstances stated by
the Executive Engineer, the undersigned
considers the proposals contained in
his para 1 are necessary and should
be carried out without any
delay. Much time appears
to have been lost owing to
the defective state of the scheme.
M. Walsh should be stirred
up in his work as also the
Municipality for getting the
required Establishment sanctioned.
An office Establishment is cer-
tainly very much required
for the Supervisor.

Signed: A. C. Smith & Co. R. E.
Super. Highways

Modanhamah
No 620.78 d/25 June 1890.
D-27

Copy submitted to the Chief
Inspector N.W. for information
and order, with reference to

Go No 15120
29.5.90

Almuth Speck

Supp. report of

24
2022

P.W.C. No. 612 ✓

From

The Supt. Engineer
VI circle

To

The Chief Engineer
P.W.D.

No. 62078

Dated 25th June 1890.
Desp. 27

At 30

Pr. Bus. 1815 W 3.7.90
" " 1513 W 29.5.90
Memo no. 550 20.5.90
" " 670 1.6.90
" " 360 22.4.90
" " 130 14.4.90
" " 1819 C 11.4.90
" " 1523 C 20.3.90
Pr. B. 40 731 W 6.3.90
Memo no. 757 C 11.2.90
Pr. Bus. 2470 24.1.90
Memo no. 650 12.8.89
" " 6520 2.8.89
" " 1695 W 27.6.89
" " 1940 28.5.90

No. 2022 W of 23-7-90

Submits for orders
letter from the Executive
Engineer regarding making
certain proposals in
connection with the
Drainage scheme at
Kumbakonam.

27/7 P.L. 36-VII
m 4-VII

Copy of letter from Mr. A.H. Gajet,
Executive Engineer, Bangalore division to
the Supt. Engineer, VI circle, No. 2674
dated 20th June 1890.

Referring to G.O. No. 1513 W dated
29.5.90 in which it is stated that
the Examiner would be asked to
report on the best way of arranging
for the pay of Mr. Walsh and
his establishment as well as for
the payment of Contractors em-
ployed in the Kumbakonam
Drainage scheme, I have the honor
to point out that great in-
convenience is now felt in the
absence of any instructions from
the Examiner and to request that
he may be asked to furnish
them as soon as possible.

No. 660-1 d/ 30th June 1890
Koolaikannal
27/7

Copy submitted
to the Chief Engineer P.W.D. for

early orders, and reference to
the latter part of the report
by the Executive Engineer.

Submitted to L. Col. H. E.

Supy. Engineer report.

File

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222

PW Cdn 6307

Current No 6126 & 6302

From

The Supt: Engineer
W. circle

2022 May 23 July 1890

To

The Chief Engineer
Pro S.

2022 May 23 July 1890

Recorded with
reference to P. No 181524 of
3 July 1890.

No 66078

Dated 30 June 1890,
Dep't 2/3

The Engr's letter
No 3568 of 18 June 1890 will
be communicated to the Council
and Municipal Corp. for
information.

Reed 1-7-90
Kumbakonam Drainage Bd.

Submits for orders
letter from the Executive
Engineer asking
instructions as to the
arrangement of pay of
Mr. Walsh & his establish-
ment as well as for the
payment of contractors
employed in the —

Recd
10-7-90

1902/47

24/7
S. S. II circle
L. & M. Dept.

Obs 5-3-VII
10-VII 11-VII 12-VII