

(1) Number of pages \_\_\_\_\_

(2) Date of repair \_\_\_\_\_

(3) Initials of the Referencer \_\_\_\_\_

# MADRAS RECORD OFFICE.

Government of Madras.

*Public Works* DEPARTMENT.

|                   |               |
|-------------------|---------------|
| G.O. No. 1410 (W) | Press<br>Mis. |
| Dated 24-4-1877.  |               |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
24th April 1877. No. 1,410.*

Read the following papers :—

No. 585. From Colonel J. F. FISCHER, R.E., District Engineer, Madura, to the Secretary to Government, Public Works Department, dated Madura, 6th November 1876, No. 2,899.

WITH reference to G.O., of the 28th August 1876, No. 2,279, I have the honor

|                       |                                             |
|-----------------------|---------------------------------------------|
| One Estimate.         | to submit the estimate for the proposed     |
| " Plan.               | structure at the top of the Goodaloor       |
| " do. of bridge.      | Ghaut, together with estimate, &c., amount- |
| " Section.            | ing to Rupees 3,800, and beg to observe,    |
| " Letter in original. | as pointed out by the Assistant Engineer    |
| " Data.               |                                             |

in charge, that this design is very unsuitable for such a locality and had better be built at Goodaloor itself, where it can be properly looked after and will not be liable to be destroyed by the wild elephants. I had this object in view when I submitted the original design, and followed the example of the Travancore people in having a small compact building which can be easily defended from the ravages of these beasts, and as I did not expect to get much money, I restricted the estimate to as small a sum as possible, but such a structure will not cost more than Rupees 1,000 for pukka work in all probability, and, as it would be of the greatest convenience in such a locality, I trust it may yet be approved of for sanction.

2. I beg to send the section of the nullah called for in paragraph 2 of the above Government Order and the design for the bridge, the truss is not a good one and requires to be greatly strengthened by an iron tie with screws to prevent sagging; but, as the nullah has very little water in it at any time, I do not recommend this work being carried out at present, particularly as beyond the head of the ghaut the road is not passable for bandies, and the gradient of this is so steep pack animals are far more likely to be employed for many years; it is much to be regretted that in laying out ghauts in this country no notice whatever has been taken of the draught-power of the cattle, so that most of these works will have to be reconstructed in order to be of any economical value.

3. I beg to submit Mr. Davidson's report in original for your perusal, and remark that the original design and papers referred to in paragraph 1 of this letter have not been returned to this office.

No. 585-A. From the Chief Engineer, Public Works Department, dated 28th November 1876, No. 1,789.

No. 585-B. From W. C. BARTON, Esq., M. Inst. C.E., Chief Engineer, Travancore Government, to the Chief Engineer, Public Works Department, dated Trevandrum, 4th December 1876, No. 5,303.

I HAVE the honor to acknowledge receipt of your No. 1,789 of the 28th November 1876 and to give my opinion as follows.

*A. H. Secy. to Govt.*

*Proceedings of the Madras Government, Public Works Department,  
24th April 1877. No. 1,410.*

2. The need of shelter at or near the Goodaloor ghaut head is obvious. There is none on the ghaut itself or within  $9\frac{1}{2}$  miles of it eastward (*vide* paragraph 1, Colonel Fischer's No. 629,) and no established camp westward (or on the Travancore side) for 20 miles.

3. The best locality, all circumstances considered, I believe, will be immediately at the head of the ghaut; indeed upon the same site as Lieutenant Greer's camp was established while the ghaut was under construction. That site is open to the east, and with a small expenditure in felling the jungle westward I believe the camp would be fairly healthy all the year round; certainly infinitely more so than what is known as Goodaloor Thavalum (half a mile west of the ghaut) a level piece of swampy bamboo jungle.

4. The water-supply would be obtained from wells; there is no stream within miles which holds out with any supply of potable water during the dry season.

5. From the traffic returns received for the week ending 26th November 1876, 135 bandies, 591 baggage coolies, 54 pack bullocks and drivers passed over the road, but the traffic is just now very slack; at other seasons of the year it is much heavier.

6. I cannot form any reliable estimate of the number of European travellers, but I may mention that as a route to the railway from Termera the Goodaloor ghaut and road to Periacolum is now generally adopted in preference to that *via* Cochin and Shoranoor.

7. It may also be interesting and of service to you to learn that the Government of Travancore has recently sanctioned the erection of a timber bridge over the Periar, which we hope to get completed before the next monsoon, and that the road on the Travancore side will then be bridged throughout its length from the frontier at Goodaloor to the backwater at Cottayam.

No. 751.

REFERRED to the Collector of Madura for opinion regarding the site of the proposed chuttrum.

FORT ST. GEORGE,  
20th March 1877.

(Signed) W. FAREWELL, Colonel,  
Ag. Chief Engineer, P.W.D.,  
Buildings and Roads Branch

No. 585-C. From W. McQUHAE, Esq., Collector of Madura, to the Chief Engineer, Public Works Department, dated Camp at Kiringacottah, 1st April 1877, No. 1,098.

With reference to your endorsement on the enclosed letter from the Chief Engineer, Travancore, dated 4th December, No. 5,303, I have the honor to state that the best site for the proposed chuttrum would be Lieutenant Greer's camp but for the fever which prevails for about five months in the dry season. It is true that shelter is needed at the top of the ghaut and the proposed building will be of great use from July to February; in the dry season it will be useful for resting and cooking in, but

*Proceedings of the Madras Government, Public Works Department,  
24th April 1877. No. 1,410.*

not for sleeping. It cannot be rendered healthy as supposed. On the whole I am in favor of a site near Lieutenant Greer's camp, because it is during the monsoon or healthy season that people will be most likely to be detained by the badness of the roads; in the dry season they can push on and need not sleep at the choultry.

No. 586. ORDER THEREON, 24th April 1877, No. 1,410.

CIVIL WORKS, No. 48.

*Heads of Service.*—Provincial.  
*Fund.*—Ordinary.  
*Class.*—Original Works.  
*Main-head.*—Communications.  
*Sub-head.*—Main Roads.  
*Work.*—Constructing a chuttrum at the head of the Goodaloor Ghaut.  
*Amount.*—Rupees 4,000.  
To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the estimate of Rupees 4,000 as corrected in the Chief Engineer's Office for the construction of a chuttrum at the head of the Goodaloor Ghaut in the Madura District.

2. The site determined upon for the building is that recommended by the Chief Engineer of the Travancore Government on which Lieutenant Greer's huts were formerly erected.

3. Funds, if possible, will be provided later in the year for the work, when orders will be issued for its commencement.

4. The plan of the timber trussed bridge for the nullah at the foot of the ghaut will be modified by the Chief Engineer, who will resubmit it for sanction. Meanwhile the District Engineer will report whether or not its construction is absolutely necessary, stating on how many days in the year the nullah is unfordable or impassable, and whether the season of its being in flood is that in which most traffic takes place on the ghaut.

5. The sanction accorded in paragraph 1 has been registered as Provincial No. 39 W of 1877-78.

(True Extract.)

Colonel, R.E.,  
Secretary to Government, P.W.D.

To the District Engineer, Madura.  
" Collector of do.  
" Financial Department.  
" Examiner of Public Works Accounts.

Exd. E. C. Shunker.  
Spare Copies



Read the following:—

Letter from the D.C. Madura N<sup>o</sup>. 2899 of 6<sup>th</sup> Nov. 1876  
 Chief Eng<sup>r</sup>. P.W.D. N<sup>o</sup>. 1789. — 28<sup>th</sup> —  
 Chief Eng<sup>r</sup>. Trav. Govt. N<sup>o</sup>. 5303 of 4<sup>th</sup> Decr 76.

FOR ORDERS. with proposed draft  
 G.O. The Acting Chief  
 Engineer, who has inspected  
 the Goodaloor Ghant, and  
 resided in Lieut. Greer's  
 camp, concurs with the  
 Chief Engineer of Travancore  
 Government as to the site  
 being the best available.  
 An addition of Rs 200  
 has been made to the  
 Estimate for a well. The  
 question regarding the Bridge  
 has been explained to His  
 Grace the Governor.

I have no objection  
 to the 12<sup>th</sup> Nov

*W. H. C.*

W. H. C. Colonel  
 Asst. Secy. to Govt.

*Subscribers*  
*W*

FOR ORDERS.

Recirculated  
 with the collector's  
 reply  
 11/77

Recirculated  
 for price  
 11/77

*p*

Clio 8114-9035

No. 451-0720 March 77 authority.

On the subject of erecting a  
 shed at the head of the Cordalove  
 Channel.

Referred to the collector of 205 of 11 Feb 77

Madura for opinion regarding 475 do -

the site of the proposed fluttrum. 699 of 11 March 77

Para 3 into the line 105 of 22 do -

Number 11. This is 23 of 22 do -

was a possible improvement of the 150 of 5 do -

to be made by the collector's report. 96 of 7 do -

Swish number of the same as a 217 of 2 Feb 77

This expenditure is for the coming 13 of 3 do -

year. When necessary so much as 13 of 3 do -

needed for other purposes? 13 of 3 do -

|                           |          |                  |
|---------------------------|----------|------------------|
| Reclamation Works at Poly | 500 4.00 | 158 of 18 Jan 77 |
| Shed at Lunatic Asylum.   | 667 4.00 | 7                |
|                           | 331 61   |                  |
| Balance available         | 8900     |                  |

12/3/77

18.2.77 223/4/77

18.7.77

14.3.77

From the District Engineer, Madurai  
No. 2899, dated 6<sup>th</sup> November 1876.

FOR ORDERS.

Submitted for Orders.

It is very difficult  
to dispose of Colonel  
Fischer's papers with  
any practical result.

2. We revived the idea  
of a Bungalow at the  
top of the Ghaut, "as  
"being very desirable  
"to afford some protec-  
"tion and cover to people  
"who may have to pass

over

over the road, the place  
being so utterly destitute  
of shelter. But imme-  
diately his plan of a  
small catcha building,  
for European travellers  
only, is superseded by  
a substantial jungle  
Chattram to suit natives  
as well as Europeans.  
he withdraws his recom-  
mendation.

3. It is proposed that  
the Estimate of Rs 3800  
be sanctioned and the  
construction of the  
Chattram ordered to be  
undertaken at once  
at

I have some doubts  
as to the necessity of  
this. It is a small  
thing for an

13  
The design is not  
good - ?

The design is not  
good - ?

The design is not  
good - ?

at the Gudalur Ghant  
hereof, the construction  
of the Bridge being  
deferred for the present,  
but its design as sanc-  
tioned, approved.

It is precisely similar  
to the Bridge of 40 feet  
span on the Soonoor  
Ghaut, which has been  
up for nearly 10 years.

Comdr. Major Genl. R.  
Secretary to Government  
S. H. C.

3554

Radura

Enc 5

1 Original Estimate 3000  
1 Revised Estimate 3197-12-4

1 Data  
1 Original Estimate

One over 150  
1 Drawing 11-10-76

1 Drawing 11-10-76

1 Drawing 11-10-76

1 Drawing 11-10-76

1 Drawing 11-10-76

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1 Drawing 11-10-76

1 Drawing 11-10-76

1 Drawing 11-10-76

1 Drawing 11-10-76

From,

The Captain Engineer  
Barrack Street

To, The District Engineer  
Radura

I have the honor to  
return Estimate No. 3000  
referring to the Barrack  
to be built on the top  
of the Indalus that  
also a revised Estimate  
showing in detail  
the cost of each kind  
of work, inclusive of  
carriage - from this  
it will be seen that  
there is an excess over  
the original Estimate  
of Rs 197-12-4 -  
Taking Superintendence  
and sundries at 5 p.c  
and allowing nothing

Enc 16.3.77 R.25/3  
Enc 13.4.76.

for clearance -

If 7 p. cent be allowed  
for the Superintendence  
and sundries, & Rs 150,  
as given by the Overseer,  
for clearance there  
is an excess over the  
original estimate of  
Rs 4000 - Exclusion  
of the cost of carriage of  
the corrugated sheets;  
information on this point  
has been asked from  
Colonel Law, who lately  
received corrugated sheets  
from Madras, this will  
be forwarded as soon  
as received -

The large charge for clearance  
is due to the Overseer pro-  
posing a new site for  
the building, on the

upper side of the ghat -  
at a distance of 3 miles  
and 6 furlongs from foot  
of ghat -  
If the old site be adhered  
to, a good approach  
ought to be made to it,  
but the charge for clearance  
would be slight -

I have further the honor  
most respectfully to  
state call your attention  
to the fact that this ghat  
is very feverish for several  
months of the year;  
during this year, especially  
during many months  
there was no water to  
be got on the ghat; -  
under these circumstances,  
I have the honor to observe  
that if the Bungalows  
be built at Godalur,  
five miles from the fort -

The great, it would  
 probably meet the  
 convenience of travelling  
 to a greater degree.  
 The chance of fever at  
 Godalun in a good  
 building would be  
 slight; while, <sup>for</sup> most of  
 the year a night  
 spent at top of the  
 Godalun that would  
 be certain fever.  
 The proposed building  
 would be 25 miles from  
 Permead, & 45 from  
 Peracolum.

These two

to be  
 your most obedient servant

W. D. Widge

Sp. Sec. Eng. &  
 Cobarracolum, S. D.

Received  
 of W. D. Widge  
 28-10-76

Date of order for building a single railway at the head of  
 Godalun should be accompanied by letter No. 21

| Particulars of Materials and Labor              |  | Date | Qty | Amount | Total |
|-------------------------------------------------|--|------|-----|--------|-------|
| <u>Rough Stone in Chumam</u>                    |  |      |     |        |       |
| Qty of Rough Stone including carriage           |  |      |     |        |       |
| Half of the quantity to be delivered by 1st of  |  |      |     |        |       |
| 1 1/2 Columns of Stone including carriage from  |  |      |     |        |       |
| 5 Miles                                         |  |      |     |        |       |
| 2 1/2 Do of River Sand                          |  |      |     |        |       |
| 3/4 Bricklayers                                 |  |      |     |        |       |
| Draw Coolies                                    |  |      |     |        |       |
| 2 1/2 Wagon Coolies                             |  |      |     |        |       |
| <u>Contingencies</u>                            |  |      |     |        |       |
| Subst for building 1/2 of Rough Stone in Chumam |  |      |     |        |       |
| Do Do 1 Column Sub Do                           |  |      |     |        |       |
| Brick in Chumam                                 |  |      |     |        |       |
| 330 Bricks (9x4x3) including carriage from      |  |      |     |        |       |
| 5 1/2 Miles and delivery by 1st of              |  |      |     |        |       |
| 2 1/2 Columns of Stone including carriage       |  |      |     |        |       |
| 3 3/4 Do of River Sand                          |  |      |     |        |       |
| 1 Bricklayers                                   |  |      |     |        |       |
| 3/4 Draw Coolies                                |  |      |     |        |       |
| 2 1/2 Wagon Coolies                             |  |      |     |        |       |
| <u>Contingencies</u>                            |  |      |     |        |       |
| Subst for building 1/2 of Brick in Chumam       |  |      |     |        |       |
| Do Do 1 Column Sub Do                           |  |      |     |        |       |
| Painting with Chumam                            |  |      |     |        |       |
| 3/4 Column of Stone including carriage          |  |      |     |        |       |
| 1 Do of River Sand                              |  |      |     |        |       |

|       |                                                |   |        |    |        |
|-------|------------------------------------------------|---|--------|----|--------|
| 1 1/2 | Bricklayers                                    | 1 | do     | 1  | 4      |
| 2     | Wanam's Coolies                                | 3 | do     | 6  |        |
|       | Contingencies                                  |   |        | 3  |        |
|       | Lab for Penning 100 ft of well with Chinam     |   |        |    | 2 4    |
|       | Whitewashing 1 coat                            |   |        |    |        |
| 1/10  | Column of China (including carriage)           | 9 | Column | 4  | P.M.D. |
| 1/2   | Columns of iron                                | 1 | Column | 10 | 176    |
| 1/8   | Bricklayers                                    | 1 | do     | 2  | 14     |
| 1/10  | Iron Coolies                                   | 5 | do     | 6  | 25     |
| 1/10  | Wanam's Coolies                                | 3 | do     | 9  |        |
|       | Contingencies                                  |   |        | 5  |        |
|       | Lab for whitewashing 10 ft of well with Chinam |   |        |    | 13     |
|       | Single Batten Board with frames                |   |        |    |        |
|       | Hooks, hinges &c 3x6                           |   |        |    |        |
| 4     | Serpenters                                     | 4 | do     | 3  | 8      |
| 1     | Carpenter                                      | 1 | do     | 12 |        |
| 2     | Brick Coolies                                  | 5 | do     | 0  | 8      |
| 4     | Spel of rough hew wood                         | 2 | Spel   | 8  | 1      |
|       | Iron hinges, hooks, nails, bolts & Padlock     |   |        |    |        |
|       | Comp. type                                     |   |        |    | 1      |
|       | Contingencies                                  |   |        | 14 |        |
|       | Total                                          |   |        |    | 18     |



but such a structure will not cost more than Rs. 1000 for Pukka work in all probability and as it would be of the greatest convenience in such a locality I trust it may yet be approved of for sanction.

2. I beg to send the section of the Nullah called for in para 2 of the above G.O. and the design for the bridge, the Arch is not a good one and requires to be greatly strengthened by an iron tie with screws to prevent sagging but as the Nullah has very little water in it at any time I do not recommend <sup>this</sup> work being carried out at present particularly as beyond the head of the ghāt the road is not passable for bandies, and the gradient of this is so steep pack animals are far more likely to be employed for many years, it is much to be regretted that in laying out ghāts in this country no notice whatever has been taken of the draught-power of the cattle so that most of these works will have to be re-constructed in order to be of any economical value.

3. I beg to submit Mr. Davidson's report in original for your perusal & remark that the original design and papers referred to in para 1 of this letter

N<sup>o</sup> 585-

29.  
No 1789.

To. The Chief Engineer of Travancore  
Travancore.

have not been returned to this office.

I have the honor to be  
Sir

Your most obedient  
W<sup>th</sup> & tr<sup>th</sup> Col<sup>l</sup> R. B.  
District Engineer of  
Madras

2. The best locality for it.
3. Nature of its water supply and
4. The probable number of travellers, Native and European likely to avail themselves of it.

The favor of an early reply is requested  
I have & ca  
28th Nov 1876 (Signed) S. W. Walker. Secy  
R. B.

but such a structure will not cost more than Rs. 1000 for Pukka work in all probability and as it would be of the greatest convenience in such a locality I trust it may yet be approved of for sanction.

Yours faithfully

2  
13-3-73 799  
16-7-73 1826  
28-4-74 221  
28-8-76 2275

P.W.D.  
10 NOV 76  
No 1114

By Order April 177 J.B. 585

Cin 14.3.77  
13-4-76

E. Lane with Librarian

Please refer to the  
Copy of Bangalore at the  
top of the good book  
Shant - for forwarding the  
with a suggestion to  
construct the building  
in the Goodall of  
Deluge

Book to be removed to  
Cin 14.3.77

From  
The District Engineer  
to  
The Secretary to Govt  
P.W.D.  
Shant  
J.B. 585

draught-power of the cattle so that most of these works will have to be re-constructed in order to be of any economical value.

3. I beg to submit Mr. Davidson's report in original for your perusal & remark that the original design and papers referred to in para 1 of this letter

No 585

No 1789

To The Chief Engineer of Travancore  
Travancore.

Sir. It is a question whether shelter should be provided at the head of the new Goodallone Ghaut as proposed in G.O. No 2279 of 28th August, Copy of which is herewith forwarded for your information. As the projector of that route and best informed as to its use and necessities, I have the honor to ask your opinion as

1. The need of such shelter
2. The best locality for it.
3. Nature of its water supply and
4. The probable number of travellers, Native and European likely to avail themselves of it.

The favor of an early reply is requested  
I have & you  
28th Nov 1876; Signed, G.W. Walker & Co  
Rd.

N<sup>o</sup> 2 N<sup>o</sup> 5303

Chief Engineer's Office  
Trawancore 4<sup>th</sup> Dec. 1876  
Desps. 6<sup>th</sup> D.

From

The Chief Engineer  
Trawancore Government

To

The Chief Engineer  
D. I. W. Madras

Sir,

I have the honor to acknowledge receipt of your N<sup>o</sup> 1789 of the 28<sup>th</sup> November 1876 and to give my opinion as follows-

2 The need of shelter at or near the Goodaloo Ghat-head is obvious. There is none on the Ghat itself or within 9 1/2 miles of it eastward (vide para 1 Col. Fisher's N<sup>o</sup> 629) and no established Camp westward (or on the Trawancore side) for 20 miles.

3 The best locality, all circumstances considered, I believe, will be immediately at the head of the Ghat indeed upon the same site

N<sup>o</sup> 585-01

as Lieut. Greer's camp was established while the ghat was under construction. That site is open to the East and with a small expenditure in felling the jungle westward. I believe the camp would be fairly healthy all the year round. Certainly infinitely more so than what is known as Godaloo Thavalium (1/2 a mile west of the ghat) a level piece of swampy bamboo jungle.

4 The water supply would be obtained from wells. there is no stream within miles which holds out with any supply of potable water during the dry season.

5 From the traffic returns received for the week ending 26 Nov. 1876.  
135 bandies

591 baggage Coolies

54 pack bullocks & drivers  
passed over the road but the

33 4  
traffic is just now very slack; at other seasons of the year, it is much heavier.

6 I cannot form any reliable estimate of the number of European Travellers but I may mention that as a route to the Railway, <sup>from Kengra</sup> the Godaloo ghat and road to Peraclem, is now generally adopted in preference to that via Lochin and Shoranoo.

7 It may also be interesting and of service to you to learn that the Government of Travancore has recently sanctioned the erection of a timber bridge over the Periar which we hope to get completed before the next monsoon, and that the road on the Travancore side will then be bridged throughout its length from the Frontier at Godaloo to the backwater at Battayam.

J

8th Dec 86

P.W.D.

1300676

N

I have the honor to be  
Sir  
Your most Obed Servt, to me  
W. Hard  
Chief Engineer  
Princ. Govt.

The Chief Eng<sup>r</sup>  
Travancore & Cochin

Dated 11<sup>th</sup> December  
1876

Exd<sup>o</sup>

No 751. 5303  
Referred to the Collector  
of Madras for opinion  
regarding the site  
of the proposed  
Chattram

W. Hard  
Colony  
20 March 1877  
Chief Eng<sup>r</sup>  
P.W. Dept.

Buildings & Road  
Branch  
Submitting opinions, stating  
the necessity of erecting a shed  
at the head of the Goodalor  
Ghat

4th April 1877 No 585

No 1098. Madras Collectors Office  
On Circuit  
Camp Kiriampah  
1st April 1877

From

To The Collector of Madras  
The Chief Engineer  
D. P. W.  
Madras. 1876

Sir,  
With reference to your  
endorsement on the enclosed letter  
from the Chief Engineer, Travancore  
dated 4<sup>th</sup> December 1876, I have  
the honor to state that the best site  
for the proposed Chattram would be  
Lieut Greer's Camp but for the  
fever which prevails for about  
five months in the dry season.  
It is true that shelter is needed  
at the top of the Ghat and the  
proposed building will be of great  
use from July to February. In  
the dry season it will be useful  
for resting and cooking in but not  
for sleeping. It cannot be rendered  
healthy as supposed. On the  
whole I am in favour of a site  
near Lieut Greer's Camp because  
it is during the monsoon or healthy  
season that people will be most  
likely to be detained by the badness  
of the

Travancore

of the road. In the dry season they can push on and need not sleep at the Choultry.

I have the pleasure  
to acknowledge the receipt of your letter of the 11th inst.

Wm. Innes  
Collector

S. 11. 11. 11.  
No. 3534

No. 1410 Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 24<sup>th</sup> April 77  
Read the following:—

From  
The Dist. Eng. Madras (H.E. No. 2899 of 6<sup>th</sup> Nov 1876)  
Chief Eng. P. W. D. (No. 1789 of 25<sup>th</sup> Nov 1876)  
Chief Eng. Travancore & Cochin (No. 5303 of 4<sup>th</sup> Dec 1876)  
Collector of Madras (No. 1098 of 1<sup>st</sup> April 1877)

For consideration

His Grace the

Governor in Council sanc-  
tions the estimate of

Rupies 4,000 as corrected  
in the Chief Engineer's  
Office for the construction  
of a Chattram at the  
head of the Goodaloor  
Ghaut in the Madras District.

2. The site determined  
upon for the building is  
that recommended by the  
Chief Engineer of the

Travancore

W. J.  
15/3

The Collector of Travancore  
will be asked to take  
before the site is fi-  
nally settled

Yes - 10/10/77

No. 5556

By O. 24<sup>th</sup> April 77 No. 5556

2 P.L.  
given to

to  
The Chief Engineer  
of P. W. D. Madras

Dated 15<sup>th</sup> April  
Received 3<sup>rd</sup> April 1877

10/10/77  
Gaining his views  
in regard to the site  
for the proposed Chattram  
referred to  
in the enclosed letter  
from the Chief Engineer  
Travancore

By O. 24<sup>th</sup>

Travancore Government on  
which Lieut. Greer's huts  
were formerly erected.

3. Funds if possible  
will be provided <sup>in 1877</sup>  
(78) <sup>the year</sup> for the work when  
orders will be issued for  
its commencement.

4. With certain modifications in reference to scarf joints, bolts and straps to be pointed out by the Chief Engineer to the District Engineer the Plan of the Timber Trussed Bridge for the Nullah at the foot of the Ghant is approved; its construction should however be deferred pending further report on the number of days in the

during which year the Nullah in question is unfordable or impassable.

W.K.  
13-3-77

4. The plan of the timber  
trussed bridge for the  
dallah at the foot of  
the Ghaut will be modified  
by the Chief Engineer,  
who will resubmit it  
for sanction. Meanwhile  
the District Engineer  
will report whether or  
not its construction is  
absolutely necessary,  
stating ~~the~~ how many  
days in the year the  
dallah is unfordable,  
or impassable, and  
whether the season  
of its being in  
flood is that in  
which most traffic  
takes place on the  
ghaut. *W.H.*

S. Chadura -  
 Collector of do -  
 Finl. Dept.  
 R. P. O. A.

The same tax account <sup>W. 1</sup> 7-4  
 in part has been registered  
 as Provincial No 27  
 39 W. of 1877-78- 17/4/77

*[Signature]*

1877  
703  
844  
Govt. of Madras  
PUBLIC WORKS.

To Mr. A. B. Madras

Dated

Issued

Recd.

Encl.

G. O. 21<sup>st</sup> April 1877, No. 1410

Nos. 585-586

Chuttrum at the head  
of the Goodaloor Channel  
in the Madras District — The  
estimate of Rs 4000 for  
the construction of a —  
sanctioned with remarks

Left in file