

(1) Number of pages _____

(2) Date of repair 28-9-42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 1223	Press
672-674	Mis.
Dated 28-4-	1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th April 1864.*

No. 672. Read again List of Unanswered References for the half year ending 30th June 1863, received from the Superintending Engineer, 1st Division, and recorded in Proceedings, dated 24th September 1863, No. 150.

Read also return of Orders of Government remaining unanswered in the 1st Division for the half year ending 30th September 1863.

(Here enter 24th February 1864.)

No. 673. Read again also the following letter from Captain O. W. S. CHAMBERS, R. E., Superintending Engineer, 1st Division, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Camp at Dowlaishwaram, 27th August 1863, No. 911 :—

Sir,

1. Referring to your Memorandum No. 161 of 29th July 1863, I have the honor of forwarding the accompanying List of Unanswered References for the half year ending 30th June last as called for.
Enclosure 1.
2. The list contains all the Orders which are shown in G. O. No. 1,485 of 10th June 1863, as remaining on the 30th September 1862 unanswered by this Division, and also those appertaining to the Orders received in this Office between the 1st May and 30th June 1863 inclusive.
3. I have not been furnished with a copy of the Return sent by the late Deputy Chief Engineer, Northern Circle, for the half year succeeding that ending 30th September 1862, I cannot therefore send in a more complete Statement than the enclosed.

of the following order
1.

Number and date of Government Order.	Subject.	Explanation of cause of delay in forwarding a reply.	Remarks by Superintending Engineer.
265 23rd February 1856...	Calls for certain information with regard to four roads in Rajahmundry.	The Civil Engineer (Captain Rundall) sent up Estimates for the following roads in the Godavery District in February 1856:— 1st.—From Luckondah to Rajahmundry. 2nd.—Metalling towing path of Palcole Canal. 3rd.—From Kottapilly to Samulcottah. 4th.—From Madupad to Calindry across the Delta. The Government returned the Estimate for revision with the remark that they did not consider them as urgently wanted. All the above roads have been included in the Statement recently submitted at the request of the late Chief Engineer in his letter No. 1,471, dated 17th April 1863. Major Stoddard states that Order No. 2,130 of 16th November 1861, has never been received in his Office. In reply to the other Order No. 2,128, dated 19th November 1857, the District Engineer of Godavery (Captain Rundall) stated in his letter to the Deputy Chief Engineer of 5th November 1859, No. 307, that on re-consideration he was of opinion that a canal would be far preferable to a road, and accordingly submitted an Estimate for a navigable canal from Badumpudy on the Ellore Canal to Nursapur on the Palcole Canal amounting to Rupees 2,38,200. This Estimate was ordered to be kept in abeyance, till a more favorable opportunity, by the Chief Engineer in his Proceedings No. 3,624 of 10th August 1860.	Permission is requested to omit this Order (No. 265, from the next Unanswered List of References.
2,128 19th November 1857. 2,130 do. 1861.	Calls for a revised Estimate for a metalled road from Nursapur to Attale in Rajahmundry.		It is requested that this reference may be considered as answered, and that permission may be granted for its omission from the list for the ensuing half year.

Number and date of Government Order.	Subject.	Explanation of cause of delay in forwarding a reply.	Remarks by Superintending Engineer.
1,130 11th May 1859 ...	Calls for an Estimate for fitting up Steamer "Trevelyan" purchased for the use of the Godavery District.	An Estimate for decking and fitting up the Steamer "Trevelyan" was forwarded to the Deputy Chief Engineer with District Engineer's letter No. 1,129 of 8th November 1860, but was never sanctioned. The Steamer was subsequently handed over to the Upper Godavery District Engineer, Captain Haig. Plans and Estimates for new Workshops were forwarded to the late Central Office with the Godavery District Engineer's letter No. 1,581 on the 8th January 1861.	Do. do. do.
2,524 26th October 1859. 2,594 4th November "	Calls for Plans and Estimates of the proposed new Workshops at Dowlaishweram.	The late Chief Engineer, Colonel Horsley, inspected this building, and on his report to Government they authorized* its purchase for Rupees 8,000, but the purchase could not be effected on account of a dispute as to ownership of the building. <i>Vide</i> G. O. No. 1,234 of 13th June 1860, referring the matter to the Government Law Officers at Madras. A rent was however paid for the building by the Commissariat Department. On the Order of Government abandoning Cocanada as a Commissariat Station, the Commissary General gave up the building altogether.	Will be omitted from the next list which will be due on 31st December 1863.
2,891 13th December 1859...	Requests an Estimate of the value of the building and ground tendered for sale by Mr. Watson for a Commissariat godown at Cocanada.	This reference, as far as it concerned the navigation of the Godavery, between Polavaram and Anicut was replied to by the District Engineer of Godavery in his letter No. 357 of 5th July 1860. Major Stoddard states that these Orders of Government ought to have been sent to the District Engineer, Upper Godavery, to whom they properly appertain, as the sale of Salt or establishing of Salt Depôts at the Godavery were entrusted to Captain Haig, he is the Officer to reply to this reference.	• <i>Vide</i> G. O. No. 570 of 17th March 1860. Will be omitted from the list for the current half year.
1,124 30th May 1860... ..	Paragraph 4. Calls for a report on the means of keeping open the Godavery navigation.	This reference was replied to on the 29th December 1860, No. 1,533, and an Estimate was forwarded for cutting a canal and making	I request this Order may be considered as replied to, and permission may consequently be granted for its omission from the list for the coming half year. It is requested that this reference under the explanation given by Major Stoddard may not be held as an unanswered one against this Office.
2,379 12th December 1860. 870 30th April 1861.	To submit explanation respecting the accounts of the sale of Salt at the Godavery showing the loss by wastage if any.		Will be omitted from the future lists.
2,524 26th October 1859. 2,594 4th November "	To submit Estimates for completing roads and water communication between Cocanada and Coringa.		

of the following orders

4 *Proceedings of the Madras Government, Public Works Department,
28th April 1864.*

Number and date of Government Order.	Subject.	Explanation of cause of delay in forwarding a reply.	Remarks by Superintending Engineer.
508 13th March 1861 ...	To furnish for submission to Home Government Photographic views of the works in the Godavery and Kistna.	a road from Coringa to Cocanada. A revised Estimate for this work was also recently submitted. Lieutenant Thompson who was to have taken the views got too unwell to do more than a few. Another amateur has since taken some very satisfactory ones, which will be submitted to Government in the course of a few days. Lieutenant Thompson has since been appointed to take views both here and at the Kistna.	
1,906 Periodical returns ... 11th August 1862 ...	Charts of the beds of the rivers Godavery and Kistna, Cauvery and Coleroon. To submit a report at the close of one season on the result of the close of one of the Head Sluices in the Bobber-lunka of the Godavery Anicut, 1st Division.	A survey for the present year is just completed and will be sent when plotted. The shutter has been made and fitted, but as this is the first season the result cannot be ascertained till the freshes are down.	
2,227 17th September 1862 ... 323 9th February 1863.	Paragraph 5. To report the number of steam dredges that are actually required in the District of Godavery. Paragraph 7. To state also what number of boats are required for the Godavery works.	Will be replied to shortly.	
1,253 18th May 1863 ...	Calls for a Survey and Estimates of proposed road from Vizianagram to Puvatur.	A reference was made on the 3rd June 1863, No. 143.	
1,265 19th " " "	Paragraph 3. Calls for reliable Estimates of the costs of the Jails of Vizianagram and Palconda.	Necessary information required to enable the plans to be prepared for sufficient accommodation has not yet been received.	
1,524 13th June 1863 ...	Calls for Plans and Estimates for the proposed work to the Gubbada project.	Plans and Estimates are under preparation and will be submitted as soon as they are ready.	
1,540 15th June " " "	To submit Estimates for fixing Lightning Conductors to public buildings.	Estimates for all the Lightning Conductors in the Division have not yet been received in this Office.	

5 *Proceedings of the Madras Government, Public Works Department, 28th April 1864.*

1,000 28th April 1863 ...	Calls for Plans and Estimates for a Court House to be established at Berhampore.	The Plans and Estimates called for were submitted in July 1863, and have been sanctioned since.	Will be omitted from future lists.
1,547 15th June 1863 ...	Government wish to be furnished with a description of the shed referred to and with Mr. Randall's explanation as to the circumstances under which the instrument was not kept in the building or tent in which he resided.	The information called for was furnished on the 7th July 1863, No. 377.	Do. do. do.
1,226 15th May 1863 ...	Requests to report the particular saving from which the charge of the additional work for strengthening and repairing the culverts in the High Level Ellore Canal undertaken on emergency has been made.	Replied, 4th June 1863, No. 143.	Do. do. do.
1,512 28th June 1863 ...	Requests a return of the present traffic before sanctioning the excavation of a Basin at Ellore.	Replied to on 28th July 1863, No. 605.	

N. B.—This List contains the Unanswered References of the 1st Division, enumerated in G. O. No. 1,433 of 10th June 1863, as well as those appertaining to the Orders received in this Office from 1st May to 30th June 1863, inclusive.

Camp at Dowlaiswaram,
27th August 1863.

(Signed) O. W. S. CHAMBERS, Captain, R. E.,
Superintending Engineer, 1st Division.

of the following order

6 *Proceedings of the Madras Government, Public Works Department,*
28th April 1864.

Number and date of Government Order.	Subject.	Explanation of cause of delay in forwarding a reply.	Remarks by the Superintending Engineer.
804 5th April 1859 ...	Requests that Estimates may be submitted for the completion of certain roads in Vizagapatam.	Some of the roads for which these Estimates were called for have been found unnecessary owing to the decision of Government to carry the Jeypore road via Galicondah for others. Estimates were submitted to the late Central Office for entry in the Budgets of 1859-60, 1860-61, 1861-62, 1862-63 and 1863-64, in these they have not found places.	It is requested that this unanswered reference may be withdrawn from future lists.
431 20th February 1863 ...	To submit a further Report and Survey of a bridge in Ganjam.	Captain Philipps will be called upon to furnish the necessary information, if the same has not yet been given as nothing can be found in the records transferred to this Office from that District.	Do. do. do.
840 24th April 1860 ...	To report regarding the capabilities of the Steamer "Sir Charles Trevelyan."	Captain Haig should be called upon to supply this information as the Steamer was handed over to him.	Do. do. do.
837 25th do. 1861 ...	To submit an approximate Estimate of the amount of water held up by the proposed Anicut in Vizagapatam available for irrigation, &c.	This project owing to the valuable lands, all the property of Zemindars, that would be submerged, is not a feasible one and is no longer entertained.	Do. do. do.
973 23rd May 1861 ...	To submit a Survey and Estimate for a road in Ganjam District.	This Order is not forthcoming from the records transferred to this Office from the Ganjam District.	In case the Survey and Estimate called for were not forwarded by the late District Engineer of Ganjam, it is requested that a copy of Order No. 973 of 23rd May 1861 may be furnished.
547 24th March 1862...	To submit a Plan and Estimate for the formation of a road from Sunkeraole to Sonapore.	Estimates, &c., appear to have been forwarded for earth-work, and those for masonry works are stated to be sent in afterwards. See Captain Philipps' letter to Deputy Chief Engineer, No. 319 of 30th December 1862. Nothing has as yet been decided on as regards the site, &c.	
623 31st do. 1862...	To submit Estimate for the erection of the new Artillery Barracks at Waltair.		

Proceedings of the Madras Government, Public Works Department,
28th April 1864.

890 1st May 1862 ...	To submit Plans of the three buildings for Police and Magisterial purposes in Ganjam.	Reference has been made to the Collector of Ganjam who has not yet furnished the necessary Plans and Estimates on which the buildings in question are now in progress under his superintendence.	
2,520 23rd October 1862...	To submit a report with reference to the specification appended to the copy of the contract for the Paumben Tug, &c.	Will be replied to on the receipt of the further instructions referred to in paragraph 2 of G. O. No. 2,909 of 6th October 1863.	
2,536 24th October 1862.	To submit a return showing the number of boats plying in the Chilka Lake and the number of tons carted from the end of the navigation to Ganjam vice versa.	This Order cannot be answered until Traffic Returns for a year are ready.	
3,051 20th December "	The Government await the receipt of the Estimate for the restoration of the Urlee Rungasagarum Tank in Kimey Estate in Ganjam.	A reference will be made to Captain Philipps who is in possession of all records connected with the works in Kimey Estate.	
2,885 3rd December 1862.	To submit Plans and Estimates for the erection of Provincial Lunatic Asylum.	As this Order does not appear to have been received in any of the Offices of the three late District Engineers of the Division, it is requested that a copy of the same may be furnished if Plans and Estimates are still required for Asylum referred to.	
3,055 22nd do. "		Answered, 18th January 1864, No. 2,215.	
281 3rd February 1863 ...		Answered, 18th January 1864, No. 2,108.	
1,209 13th May 1863...	To re-submit the Estimate for certain Groyves at the port of Ganjam with a Plan, &c.	A reference has been made as to the site on which these proposed buildings are to be constructed.	
1,345 27th May 1863...	To report regarding the Establishment of steamers, dredges and boats maintained by Government on the Godavery, &c.	Will not be due until 1st May 1864.	
1,444 6th June 1863...	To submit Estimates for housing the Battery of Artillery at Waltair in the Vizagapatam District.		
1,517 12th June 1863...	To report the manner in which the grant now made for the materials of the Anicut in the Godavery have been appropriated.		
1,535 13th June 1863.	To submit Plans and Estimates for a road in the Ganjam District.	Plans and Estimates will be prepared by Captain Magnay who is now specially employed on that road work. See Superintending Engineer's letter No. 2,196, dated 15th February 1864.	
2,144 30th July "			

Waltair,

24th February 1864.

(Signed) O. W. S. CHAMBERS, Lieut.-Colonel, R. E.,
Superintending Engineer, 1st Division.

of the following order
from

8 *Proceedings of the Madras Government, Public Works Department,*
28th April 1864.

No. 674.

ORDER THEREON, 28th April 1864, No. 1,223.

1. The above Lists containing the Orders of Government of more than three months' standing unanswered by the Superintending Engineer, 1st Division, refer to the half years ending 30th June and 30th September 1863.

2. Permission is granted for the omission of the following Orders from future returns:—

Nos. 1,130, 11th May 1859.

" 2,524, } 26th October "

" 2,594, } 4th November "

" 2,891, 13th December "

" 840, 24th April 1860.

" 2,379, } 12th December "

" 870, } 30th April 1861.

" 508, 13th March "

" 2,227, 17th September 1862.

" 323, 9th February 1863.

" 1,060, 28th April "

" 1,209, 13th May "

" 1,226, 15th "

" 1,265, 19th "

" 1,345, 27th "

" 1,512, 12th June "

" 1,524, 13th "

" 1,540, 15th "

" 1,547, 15th "

No. 2,123, } 19th November 1857.
" 2,130, } 16th do. 1861.
" 2,524, } 26th October 1859.
" 2,594, } 4th November "
" 1,124, } 30th May 1860.
" 1,906, } 11th August 1862.

to see that they are attended to without delay, and he will report which of the items in the State-
ments received with his letter dated 9th June 1863, No. 184, include the four roads referred to in
Proceedings, dated 23rd February 1856, No. 265.

2. The requisitions contained in the Proceedings marginally noted being still borne as unreplied to on the Unanswered Reference Register of this Office, the Government is unable to authorize their omission from future returns. Lieutenant-Colonel Chambers will therefore be good enough

No. 890, 1st May 1862.
" 2,855, } 3rd December "
" 3,055, } 22nd "
" 431, 20th February 1863.

3. The Superintending Engineer is requested to expedite the submission of his replies to the Orders quoted in the margin, and to continue to bring forward in his future returns, until finally disposed of, the requisitions contained in Proceedings, dated 18th May 1863, No. 1,253.

4. The omission of the subjoined Orders from future Returns cannot be authorized on the strength of the brief remarks entered against them in the Lists recorded above. The Superintending Engineer is requested to address Government regarding them in separate letters:—

No. 804, 5th April 1859.

" 837, 25th " 1861.

No. 973, 23rd May 1861.
" 547, 24th March 1862.

5. Adverting to the remarks entered opposite to the Orders marginally noted, (which should have been entered together in the list as bearing on the same subject), the Superintending Engineer will be informed that Government in Proceedings dated 11th April 1863, No. 876, decided that the further investigation of the proposed road from Sunkershole to Sonapore should be postponed until the next working season, and that the Estimates referred

to by him were returned to the late District Engineer for the reasons given in the letter* from the late Deputy Chief Engineer, Northern Circle, No. 432, dated 23rd January 1863.

* Recorded in Proceedings No. 870 of 1863.

Proceedings of the Madras Government, Public Works Department, 9
28th April 1864.

6. Lieutenant-Colonel Chambers' attention will be drawn to G. O. dated 19th March 1864, No. 842, with reference to the remarks entered against the Orders, dated 31st March 1862 and 6th June 1863, Nos. 623 and 1,444 respectively, on the subject of erecting new Artillery Barracks at Waltair in the Vizagapatam District.

7. Copy of the Proceedings dated 3rd February 1863, No. 281, will be forwarded to the Superintending Engineer as requested, with an intimation that a copy of the standard plan for Provincial Lunatic Asylums, which is now under consideration, will be supplied to him, as soon as it is finally approved of.

8. The following Orders having been omitted from the Lists under review without explanation, the Superintending Engineer is requested to include them in his future returns.

No. 811, 22nd April 1861.

Awaiting the further report of the particulars of the accident which proved fatal to the lives of certain persons by the Ferry Steamer at Rajahmundry coming into collision with a passenger boat.

No. 1,490, 26th June 1862.

Calling for Plans and Estimates for Workshops for the use of European Regiments.

No. 2,223, 17th September 1862.

" 171, 21st January 1863.

Calling for the remarks of the District Engineer of Vizagapatam on paragraph 8 of the letter from the Chief Commissioner, Central Provinces, contradicting the statement that the road from Vizagapatam to Jeypore via Galikonda will tend to develop the Cotton trade.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division, with
G. O. 973, 23rd May 1861.

Do. 281, 3rd February 1863.

Do. 431 20th " "

Do. 876, 11th April " "

Do. 2,130, 16th November 1861.

Exd. S. T. Augustin.

of the following order.

No 1223 Public Works Deposit

Proceedings of the ¹¹⁵Archaeological Society
Under date the 28th of April 1864.

I read again List of Unanswered Re-
ferences for the half year ending 30th
June 1863 received from the Superintend-
ing Engineer 1st Div. and recorded in No.
dated 24th Sept/63: No. 150.

Read also return of Orders of Govt. re-
maining unanswered in the 1st Qu
for the half year ending 30th Sept/63
The Enter dated 24th February 1864

The above lists con-
taining the orders of
Govt of more than three
months standing man-
-powered by the Superin-
-tending Engineer 1st & 2^d
refer to the half years
ending 30th June and 30th
September 1863.

Permission is
granted for the omission
of the following order
from

from future returns.

Nov 1130. 11th May 1859
 " 2524 } 26th Oct. "
 " 2594 } 4th Nov. "
 " 2891 - 13th Decr. "
 " 840 - 24th April 1860
 " 2379 } 12th Decr. "
 " 870 } 30th April - 1861
 " 508 - 13 March 1861
 " ~~270~~ 30th April - "
 " 2227 - 17th Sept. 1862
 " 323 - 9th July 1863
 " 1060 - 28th April - "
 " 1209 - 13th May "
 " 1226 - 15th May "
 " 1265 - 19th May "
 " 1345 - 27th May "
 " 1512 - 12th June "
 " 1526 - 13 June "
 " 1540 - 15 June "
 " 1547 - 15 June "

2128 } 19th Nov/57
 2130 } 16th do 1861
 2524 - 26th Oct 1859
 2594 - 4th Nov. "
 " 1126 30th May 1860 -
 " ~~2524 26th Oct 1859~~
 1706 11th Aug/62.

The requisitions
 contained in the Pro:
 originally noted being

still ^{borne as} ~~unreplied~~ to in
 the unsound reference
 Register of the Office,
 the ~~1st~~ is unable
 to authorize their omission
 from future returns -
 Sent Coll. Chambers
 will therefore be good
 enough to see that they
 are attended to without
 delay, and ^{he will report} ~~be prepared~~
 which of the items in the
 Statement received with
 his letter dated 9th
 June 1863 No: 184
 include the four ponds
 referred to in Pro: dated
 23rd February 1856 No: 265

The Superintending
 Engineer is requested to
 expedite the submission

of his replies to the
orders quoted in the

margin, and to continue - 890 - 1st May/62.
to bring forward in his 2885 } 3rd Decr/62.
future returns, until 3053 } 22nd Decr/62
431 - 28th Feb/63

finally disposed of,
the requisitions contained
in Pro: dated 18th May/63

No 1253.

The omission of
the subjoined orders
from future returns can
not be authorized on the
strength of the brief
remarks entered against
them in the Siets re:
corated above - The
superintending Engineer
is requested to adhere

15A
I look regarding them
in separate letters.

No 804 - 5th April 1859
... 837 - 25th April 1861

No 973 - 23rd May 1861
... 517 - 26th Mar/62.

Adverting to the
remarks entered opposite
to the orders marginally
noted, (which have
entered together in the
list as bearing on the
same subject) the Super-
intending Engineer will
be informed that for
in Proceedings dated 11th
April 1863, No 876,
decided that the fur-
ther investigation of the
proposed road from Sur-
-keratole to Sonapur
should be postponed until
the next working year
and

and that the Estimates
referred to by him
were returned to the
late District Engineer.

For the reasons given
in the letter from the
late Deputy Chief
Engineer, Northern

Order No. 132, dated
26th January 1863

Quintrell Chambers
attention will be drawn to
L. O. dated 19th March/64,

No. 842, with reference to
the remarks entered against

to Order dated 31st

March/62 and 6th June

63 No. 623 and 11th April
respectively on the subject.

Recorded in P.O.
No. 870 of 1863

17A
of erecting new Artillery
Barracks at Waller
in the Vizagapatam
District.

Copy of the Pro:
dated 3rd February 1863
No. 281 will be forwarded
to the Superintending Engineer
as requested, with an inti-
mation that a copy of
the standard plan for
Provincial Sanitary Asylums
which is now under consi-
deration, will be supplied
to him, as soon as it is
finally approved of.

The following order
having been omitted from
the list under review
without explanation, the
Superintending Engineer,
is requested to

returns-

No. 811. 22nd April 1861

Availing the further report of the particulars of the accident which proved fatal to the lives of certain persons by the ferry steamer at Rayahmundry coming into collision with a passenger boat.

No. 1490: 26th June 1862

Calling for plans and estimates for work shops for the use of European Regiments

No. 2223 - 17th Sept 1862
171 - 21st Jan'y 1863

Calling

196
Calling for the remarks of the Dist Engineer of Vizagapatnam on para 8 of the letter from the Chief Comm. - Commissioner, Central Provinces contradicting the statement that the road from Vizagapatnam to Jaypore via Salikonda will tend to develop the Cotton trade.

Supplies 1st 10th 23rd Att.
to J. O. 973 - 22 May/61 2
do. 281 - 3rd Feb/63
do. 431 - 20th -
do. 876 - 11 April -
do. 2130 16 Nov/61 ✓
Recd 29th April -

W 1864 Departo
Proc of Court for April

N^o 1223
Proc of the Alpo
D/25 April 16th

Smiller Com 26th
of 1864

Submitting the
List of Unanswered Re-
ferences for the Half
years ended 30 June
1864 & 30 September 1864.

N^o 672 @ 674