

- (1) பகவத்குரின எண்ணிக்கை _____
(2) புதுக்கித திருப்பிய நாள் _____
(3) ஆதாரங்குறிப்பவா சுருக்கொப்பம் _____

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண். — 2080	அச்சகம்
மு. கோப்பித் தாள் எண்.	பலவகை
B.No. (532-533)	
நாள் : 22.7.1875	198 .

மடிக்கவோ கண்டிப்பு கையாளவோ கூடாது

*Proceedings of the Madras Government, Public Works Department,
22nd July 1875*

No 532 Read the following letter from Major J BEATTY, R E, District Engineer, Godavery, to Major J O HASTED, R E, Officiating Chief Engineer for Irrigation, dated Dowlaishweram, 24th June 1875, No 976 —

As directed in G O, No 1,418, of 22nd ultimo, I have the honor to report on the expediency, &c, of undertaking the construction of the Nagriam Island Navigation Canal at an early date, and to furnish information regarding Local Fund Works in progress

2 The allotments and expenditure in this district from Local Funds were as follow —

Years	Total sum available including unappropriated balances	Total Expenditure	Balance remaining unexpended
1872-73	RS 2,60,260	RS 1,81,915	RS 76,245
1873-74	3,17,992	3,09,987	38,005
1874-75	2,72,267	2,42,118	30,149

3 The total allotments of 1874-75 amounted to Rupees 2,64,654 and the expenditure to Rupees 2,42,118, or 91 18 per cent of the grants Of the unspent balance, viz, Rupees 22,536, the "short expenditure from causes not within the control of the Public Works Department" was as follows —

Owing to late sanction of estimates	RS 2,530
Savings on completed works	1,676
Compensation for land which should have been paid to the parties concerned by Revenue Department	7,244
Total	11,450

Deducting this from Rupees 2,64,654 and comparing the balance with the outlay it will be found that the expenditure amounted to 95 5 per cent of what it should have come to

4 But the principal causes of short outlay on Local Fund Works have hitherto been the late receipt of the Budgets, four to five months after the commencement of the official year, and the fact that the allotments are not distributed in equal proportions to the different ranges, but the Boards desire to have the heaviest expenditure made in those Deltas where there is at the same time the greatest outlay going on from Imperial Funds This will be more apparent from the accompanying statement, which shows the total allotments made or expected for new works in the different ranges for the current year Those for Nos 2, 4 and 5 ranges vary from 21,147 to 23,523, while those for Nos 1 and 3 ranges are Rupees 58,391 and Rupees 53,110, respectively. No doubt this unequal distribution of the funds to the several ranges is justified by the proportion of the road cess raised in the different taluqs, but it is one of the causes which tend to produce short expenditure The officers of this department endeavour to carry out the wishes of the Board, but fail because sufficient labor and carriage is not to be had.

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22nd July 1875.*

5 The late receipt of the Budgets has been partially rectified; in 1874-75 they were received about the middle of July, and in 1875-76 in the middle of April; possibly next year the Revenue Board may find it possible to supply them in March as the Imperial and Provincial Budgets now are, so that Range Officers may know before the year commences what their work is to be and make arrangements accordingly.

6. This is a matter of great importance in the Deltas, because materials, such as gravel, stone, lime, &c, must be got down while the canals are open, and as they are closed for repairs and improvements in the last three months of the official year, if the Budgets are received in August, as was the case in 1873-74, the time for getting down materials is reduced to about four and a half months out of the twelve.

7. The causes of short outlay on Local Fund Works in the Godavery may therefore be stated briefly as follows —

- (1) Late receipt of the printed Budgets.
- (2) Insufficient labor and carriage in the Eastern and Western Deltas (where the Boards seek to carry out the heaviest expenditure) owing to the large outlay in progress under Extraordinary
- (3) Delay on the part of the Revenue Department to make compensation payments
- (4) Unforeseen savings on completed works
- (5) A few cases will occur every year in which allotments are given so late in the official year that they cannot be worked out.

I do not consider that any delay has been caused to Local Fund Works by weakness of establishment.

8 The accompanying list of Local Fund Works in progress or delayed by want of funds shows that the balances of sanctioned estimates to be worked out amounted to Rupees 10,67,647 on 1st April; and taking the sum available for new works at Rupees 1,78,725, which is the total of the allotments for that class of works this year, it will be observed that the Board will have no funds to spare for the next six years. I think, therefore, that it is inexpedient, for the present, to commence any more large Local Fund Works, such as the proposed Nagaram Canal.

9. Another reason for postponing, for the present, the construction of that canal, is that it must draw away labor from the Loan Fund Works, as well as from other Local Fund Works, and consequently reduce the expenditure on those works. The greater part of the tank-diggers of the district come from the Central Delta, and these would naturally flock to the Nagaram Canal as they do now to the Polarum Island embankments, and this must delay the great works in progress in the Eastern and Western Deltas. But if, as I believe, the Local Fund Board cannot afford to make any very large grants to the canal, this second objection is not of much consequence.

10. I consider it most desirable that, as soon as practicable, the three Supervisors, who will, for the present, be Sub-divisional Officers in Nos I. and III. Ranges, should be removed and Assistant Engineers substituted. Supervisors are not qualified to give that assistance in revising sanctioned plans and estimates of the completion of projects, designing new works, and effectively supervising the more important works in progress, that an Assistant Engineer from his special attainments is capable of giving.

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and until the establishments are thus brought up to full strength, the Loan Fund Works must suffer and be unnecessarily delayed. I merely mention this lest it should be supposed that I am satisfied with the present scale of establishment, and not as a reason for postponing the construction of the Nagaram Canal, but the desire of the Local Fund Boards to expend a large proportion of the funds at their disposal in the Eastern and Western Deltas is an additional reason for bringing the establishment in those ranges up to full strength.

11. The Nagaram Canal is a work of the simplest kind, and I am prepared to undertake it with present establishments, but I think the Local Fund Board have quite enough work on their hands for the present, and the canal must draw away labor and carriage and cause delay to the other Local Fund and Loan Fund Works now in progress.

12 I must, however, observe that the canal cannot possibly be carried out at the rates allowed in the estimate, which was a mere rough guess, as no detailed estimate was ever prepared. The levels and sections must be carefully examined and checked; in such soil slopes of 3 to 1 instead of $1\frac{1}{2}$ to 1 will be needed, and I propose to base my rates for a revised estimate on the actual cost of the Mogulur section of the Nursapore Canal.

13 The line of the proposed canal runs through a swamp, in the lowest part of the Nagaram Island, which commences to fill with the first rains. The time for work there is from the beginning of March until about June, but, as labor is likely to be abundant, a great part of the earthworks may be done in one season.

14 I shall have the estimate revised as soon after the freshes as the state of the ground permits of levels and sections being taken, and if sanction be given to proceed with the work it may be commenced in March 1876. The first payments would be made in April 1876, so that provision may be made for it in the Budget of 1876-77. Rupees 10,000 should be the allotment for it in the Budget of that year, and the balance of the estimate in the Budget of 1877-78.

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Statement of Local Public Works in progress in 1874-75 and those for which allotments were provided in the Budget for 1875-76, also those stopped by want of funds

Name of Work	Amount of Estimate	Allotment in 1874-75	Expenses in 1874-75	Total Expenditure to 31st March 1875	Balance of Estimate to be worked out	Allotment for 1875-76	Remarks
LOCAL							
Original Works							
Godavari Range							
Construction of a supply channel from Samperambodi channel to Karaya tank and constructing an aqueduct at its head	1,64,410	2,500	2,356	4,756	3,965	3,965	
Converting the tank bund in the middle of the village of Kamachendrapur into a road and travelling it	2,700	2,200	1,003	1,003	1,722	1,722	
Deepening and constructing a sluice to the drinking water tank at Cladurada	1,64,410	2,500	2,356	4,756	3,965	3,965	
Repairs, Communications	2,700	2,200	1,003	1,003	1,722	1,722	
Do Miscellaneous Public Improvements	1,64,410	2,500	2,356	4,756	3,965	3,965	
Total, No 1 Range, Original Works and Repairs	3,91,257	50,494	45,139	2,31,044	1,60,213	66,921	
Central Delta Range, Godavari							
Gravelling road from Amalapur to Gunnavaram	25,840	15,900	12,896	22,740	3,100	3,100	
Constructing a road from Amalapur to Yedur-lanca	54,900	10,000	10,010	23,894	31,006	12,440	
Minor New Works completed	725	...	...	...	725	725	
Renewing foot-bridges over different drainage channel on East Bank Canal	410	155	155	410	64,700	5,000	
Reconstructing a wooden bridge at Munje-veram	64,700	...	...	...	83	182	
Gravelling road from Rarole to Muktesweram	182	...	...	...	83	182	
Do over Kadali main branch channel	1,46,757	26,681	23,745	47,132	99,625	21,447	
Total, Original Works	3,552	2,334	2,206	2,206	1,346	1,346	
Repairs, Communications	72	72	...	...	72	72	
Compensation for lands	3,735	1,735	1,500	1,500	2,235	2,235	
Repairs, Miscellaneous Public Improvements	1,54,116	30,822	27,451	50,838	1,03,278	25,100	
Total, No 2 Range, Original Works and Repairs	...	...	...	...	...	...	

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Do for do for Samperambodi road	100	...	...	...	100	100	
Constructing a supply channel from Samperambodi channel to Karaya tank and constructing an aqueduct at its head	1,360	1,070	...	240	1,120	1,121	
Converting the tank bund in the middle of the village of Kamachendrapur into a road and travelling it	900	1,000	81	81	819	819	
Deepening and constructing a sluice to the drinking water tank at Cladurada	192	200	...	...	192	192	
Total, Original Works	3,75,253	42,664	37,665	2,23,570	1,51,683	158,391	
Repairs, Communications	12,808	6,280	6,028	6,028	6,780	6,780	
Do Miscellaneous Public Improvements	3,196	1,450	1,446	1,446	1,750	1,750	
Total, No 1 Range, Original Works and Repairs	3,91,257	50,494	45,139	2,31,044	1,60,213	66,921	
No 2, or Central Delta Range, Godavari							
Gravelling road from Amalapur to Gunnavaram	25,840	15,900	12,896	22,740	3,100	3,100	
Constructing a road from Amalapur to Yedur-lanca	54,900	10,000	10,010	23,894	31,006	12,440	
Minor New Works completed	725	...	...	...	725	725	
Renewing foot-bridges over different drainage channel on East Bank Canal	410	155	155	410	64,700	5,000	
Reconstructing a wooden bridge at Munje-veram	64,700	...	...	...	83	182	
Gravelling road from Rarole to Muktesweram	182	...	...	...	83	182	
Do over Kadali main branch channel	1,46,757	26,681	23,745	47,132	99,625	21,447	
Total, Original Works	3,552	2,334	2,206	2,206	1,346	1,346	
Repairs, Communications	72	72	...	...	72	72	
Compensation for lands	3,735	1,735	1,500	1,500	2,235	2,235	
Repairs, Miscellaneous Public Improvements	1,54,116	30,822	27,451	50,838	1,03,278	25,100	
Total, No 2 Range, Original Works and Repairs	...	...	...	...	...	...	

†Allotment for New Works in No 1 Range

†Allotment for New Works in No 2 Range

Statement of all Local Fund Works in progress in 1874-75, &c. — (Continued)

James M. Jones

*Proceedings of the Madras Government, Public Works Department,
22nd July 1875.*

Name of Work.	Amount of Estimate	Amount in 1874-5	Expenses in 1874-5	Total Estimate from 31st March 1875	Balance of Estimate to be worked out	Amount for 1875-6.	Remarks
Do. from A. to T. 1st 1/2 mile	1137 0	950 0	4215	607 2	Rs. 407 4	10,000	
Do. from Vennam to P. 1st 1/2 mile	2250 0	450 0	550	1256	412 4	5,000	
Graveling of Vennam to P. 1st 1/2 mile	3115 0	500 0	1855	1515	91 7	8,500	
Do. from A. to T. 1st 1/2 mile	6250 0	...	...	...	6120 0	5,000	
Do. from A. to T. 1st 1/2 mile	200 0	35	23	471	20	70	
Do. from A. to T. 1st 1/2 mile	200 0	...	...	...	200	200	
Do. from A. to T. 1st 1/2 mile	200 0	200	215	206	24	40	
Do. from Vennam to P. 1st 1/2 mile	400 0	400	311	311	30	40	
Graveling the road from P. to T. 1st 1/2 mile	500 0	...	...	...	500	500	
Do. from A. to T. 1st 1/2 mile	2250 0	212	400	937	1213	5,000	
Do. from A. to T. 1st 1/2 mile	150 0	...	...	...	150	150	
Graveling the road from P. to T. 1st 1/2 mile	...	934	545	...	...	...	
Do. from A. to T. 1st 1/2 mile	3,531	3,531	...	...	3,531	3,531	
Do. from A. to T. 1st 1/2 mile	50	...	...	...	50	50	
Do. from A. to T. 1st 1/2 mile	550	550	...	...	550	550	
Graveling the road from P. to T. 1st 1/2 mile	11,250	...	...	...	11,250	11,250	
Graveling the road from P. to T. 1st 1/2 mile	2,940	...	1,950	1,950	57,011	5,000	
Graveling the road from P. to T. 1st 1/2 mile	2,500	2,500	500	500	1,500	1,500	
Do. from A. to T. 1st 1/2 mile	710	...	...	...	710	710	
Do. from A. to T. 1st 1/2 mile	600	...	...	...	600	600	
Graveling road from P. to T. 1st 1/2 mile	24,550	2,000	4,925	4,925	22,550	...	

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22nd July 1875.*

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Proceedings of the Madras Government, Public Works Department,
22nd July 1875.

Statement of all Local Fund Works in progress in 1874-75, &c—(Concluded.)

Name of Work	Amount of Estimate.	No 5, or RAJAHMUNDRY RANGE, GODAVERY		Expenditure in 1874-75	Total Expenditure to 31st March 1875	Share of Estimate to be worked out	Allotment for 1875-76	Remarks
		RS	RS					
Constructing the all travellers' bungalow at ...	500	392	495	387	79,879	8,611	5,160	
Constructing the all travellers' bungalow at ...	88,490	1,900	10	3795	45,295	1,405		
Constructing the all travellers' bungalow at ...	46,700	5,100		6,741	25,857	10,643		
Constructing the all travellers' bungalow at ...	56,500	9,000		7,312	28,607			
Constructing the all travellers' bungalow at ...	47,350	7,012						
Constructing the all travellers' bungalow at ...	23,665						10,000	Completed
Constructing the all travellers' bungalow at ...	21,000	20,993	70,354			1,69,646	600	
Constructing the all travellers' bungalow at ...	12,400	1,507	11,799			601		
Constructing the all travellers' bungalow at ...	600	600	600				5,000	
Constructing the all travellers' bungalow at ...	12,050	5,293	5,293			13,651	126	
Constructing the all travellers' bungalow at ...	1,910	1,794	1,794			126	1,255	
Constructing the all travellers' bungalow at ...	1,255					1,255		
Constructing the all travellers' bungalow at ...	332					118		
Constructing the all travellers' bungalow at ...	105	214	852			57		
Constructing the all travellers' bungalow at ...	1,300	52	253			695	510	
Constructing the all travellers' bungalow at ...	510	605	605			510	177	
Constructing the all travellers' bungalow at ...	2,200					177		
Constructing the all travellers' bungalow at ...	2,200	2,023	2,023			21,923		† Allotment for New Works in No. 5 Range
Total Local Fund Works	45,670	51,753	273,912			2,25,553		

Proceedings of the Madras Government, Public Works Department,
22nd July 1875.

No. 533 ORDER THEREON, 22nd July 1875, No 2,080

IRRIGATION, No 54

The explanations contained in the foregoing letter from the District Engineer, Godavery, appear to the Honorable the Governor in Council to be quite satisfactory and to show that the progress of Local Fund Works in the district is keeping pace very fairly with the amount of money available, while estimates which it will take many years to find funds for have been prepared and sanctioned.

2 It will rest with the Local Fund Board to determine whether the Nagaram Island Canal should take precedence of other projects which have been investigated at the instance of the Board. If so, the District Engineer should receive early intimation of their wishes, in order that a regular estimate may be prepared. It will be seen that most of the earthworks can be carried out from March to June 1876, and that, if the work is to be taken up, an allotment of Rupees 10,000 must be made available at the beginning of April.

3 The proper complement of Assistant Engineers for the Delta Ranges has been long since determined, and but for the paucity of officers of this class the requisite postings would have been made. As soon as possible the number needed to work the ranges efficiently will be made available.

(True Extract)

Major, R E,
Offg. Joint Secretary to Government.

To the District Engineer, Godavery
" Financial Department
" Chief Engineer for Irrigation.

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Proceedings of the Madras Government, Public Works Department,
22nd July 1875

	103	35	35	35	35	128
Local Contributions	4143	19700	19048	19048	25400	25400
Grants from Government	400	2000	2000	2000	2000	2000
Grants from Local Funds	525170	81872	72954	295051	230086	51051
Grand Total	202955	261854	242113	956278	1067617	241981

Total Local Fund
allotments for 1875-76

(Signed) J BEATTY, Major, R.E.,
District Engineer, Godavery.

No. 976 District Eng^{rs} Office Godavery
Dowlaiswaram 24th June 1875.
From, Dep^y 25th June 1875

Major J. Beatty R.E.
District Engineer,
Godavery District.

To,
Major J. O. Hasted R.E.
Off^{ce} Chief Engineer for Irrigation
& Joint Secretary to Govt. P.W.D.
Madras.

Sir,
As directed in L.O. No. 1418 of 22nd Ultimo, I have the honor to report on the expediency &c of undertaking the construction of the Nagaram Island navigation canal at an early date, and to furnish information regarding Local Fund Works in progress.

2. The allotments and expenditure in this District from Local Funds were as follows:-

Years.	Total sum available including unappropri- ated balance	Total ex- penditure.	Balance re- maining un- expended.
1872-73	2,60,260	1,84,015	76,245
1873-74	3,47,992	3,09,957	38,035
1874-75	2,72,267	2,42,118	30,149

3. The total allotments of 1874-75 amount to Rs. 2,64,654 and the expenditure to Rs. 2,42,118 or 91.45 per cent of the grant. Of the unspent balance, viz. Rs. 22,536, the short expenditure from causes not within the control of the Public Works Department runs as follows:-

Quarry to the sanction of estimates Rs. 2,530
 Savings on completed works — Rs. 1676
 Compensation for land which should have been paid to the parties concerned by Revenue Department — Rs. 7244

Total Rs. 11,450
 Subtracting this from Rs. 2,64,654 and com-
 paring

comparing the balance with the outlay, it will be found that the expenditure amounted to 95.5 per cent of the what it should have come to.

4. But the principal causes of short outlay on Local Fund Works have hitherto been the late receipt of the Budgets, four to five months after the commencement of the official year, and the fact that the allotments are not distributed in equal proportions to the different Ranges. But the Boards desire to have the heaviest expenditure made in those Deltas where there is at the same time the greatest outlay going on from Imperial Funds. This will be more apparent from the accompanying statement, which shows the total allotments made or expected for new works in the different Ranges for the current year. Those for Nos 2, 4 & 5 Ranges vary from Rs. 2,447 to Rs. 23,523, while those for Nos 1 and 3 Ranges are Rs. 58,391, and Rs. 53,140 respectively. No doubt, this unequal distribution of the funds to the several Ranges is justified by the proportion

proportion of the road cess raised in the different Taluqs, but it is one of the causes which tend to produce short expenditure. The Officers of this Department endeavour to carry out the wishes of the Board, but fail because sufficient labor, and carriage is not to be had.

5. The late receipt of the Budgets has been partially rectified; in 1874-75 they were received about the middle of July, and in 1875-76 in the middle of April; possibly next year the Revenue Board may find it possible to supply them in March as the Imperial and Provincial Budgets now are, so that Range officers may know before the year commences what their work is to do and make arrangements accordingly.

6. This is a matter of great importance in the Deltas because materials such as gravel, stone, lime &c. must be got down while the canals are open, as they are closed.

closed for repairs and improvements in the last three months of the official year, if the Budgets, we received in August, as was the case in 1873-74, the time for getting down materials is reduced to $\frac{1}{2}$ month out of the 12.

7. The causes of short outlay on Local Fund Works in the Godavery may therefore be stated briefly as follows:-

1. Late receipt of the printed Budgets.
2. Insufficient labor, and carriage in the Eastern & Western Deltas [where the Boards seek to carry out the heavy expenditure] owing to the large outlay in progress under Extraordinary.
3. Delay on the part of the Revenue Department to make compensation payments.
4. Undiscovered savings on completed works.
5. A few cases will occur every year in which allotments are given so late in the official year that they cannot be worked out.

I do not consider that any delay has been caused to Local Fund Works by weakness of establishment.

8. The accompanying List of Local Fund works in progress, or, delayed by want of funds, shows, that the balances of sanctioned estimates to be worked out, amounted to Rs. -pees 10,67,647 on 1st April; and taking the sum available for new works, at Rs. 1,78,725, which is the total of the allotment for that class of works this year, it will be observed that the Board will have no funds to spare for the next six years. I think, therefore that it is inexpedient for the present to commence any more large Local Fund works, such as the proposed Nagarami canal.

9 Another reason for postponing for the present the construction of that canal is that it must draw away labor from the Loan Fund Works, as well as from other Local Fund Works, and consequently reduce the expenditure on those works. The greater part of the tank diggers of the District come from the Central Delta, and these would, naturally, flock to the Nagaram Canal, as they do now to the Polurum Island embankments.

embankments, and, this must delay the great works in progress in the Eastern & Western Deltas. But if, as I believe, the Local Fund Board, cannot afford to make any very large grants to the canal, this second objection is, not of much consequence.

10. I consider, it most desirable that, as soon as practicable, the three supervisors, who will, for the present, i.e. subdivisional officers, in Divs I & III. Canals, should be removed, and Assistant Engineers substituted. Supervisors are not qualified to give that assistance in reviewing sanctioned plans, and estimates of, the completion projects designing new works, and effectively supervising the more important works in progress that an Assistant Engineer from his special attainments is capable of giving, and until the establishments are thus brought up to full strength, the Loan Fund works must, either and be unnecessarily delayed. I merely mention this lest it should be supposed that I am satisfied with the present scale of establishment, and

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041105 2419261 8626802 607476 806166 0880716 and phipuan

U.S. Survey

Repairs	12808	6380	6028	6780	6780
Communications					
Repairs					
Improvements	3196	1450	1446	1760	1780

Total No. 1 Range Original work & Repairs	291257	50494	45139	201044	180213	55921
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No. 2 or Central Delta Range Hydrology.

Unimproved & Communications	25840	15900	12890	22740	3100	3100
Constructing a Road						
from Unimproved & Repairs	54900	10000	23894	31003		12460

Minor New Work

Completed	020	596				
Renewing foot bridge						
new different fence	725			725		725
Channel at East Bank						

Reconstructing a road	410	155	155	410		
Unimproved Road from Razole & Mukteswarum	64700			64700	5000	
Do over Kadali						
Main branch channel	182	"	88	94	182	

Total Original work	146757	26681	23745	147132	99625	21147
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Allocation for new work in No. 2 Range

Repairs						
Communications	3552	2334	2206	1316	1346	
Compensation for lands	72	72		72	72	
Repairs to Public						
Improvements	3735	1735	1500	2235	2235	

Total No. 2 Range Original work & Repairs	154116	30822	27451	60838	103278	25100
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47300 57717 49759 271889 202381 23376

No. 3 or Western Delta Range Gudamang.

Road from Attali to	110200	9500	14215	60502	146798	10000
Chiddepilligudem						
Road from Varamam	53800	4500	500	12576	112214	5000
to Pannamant						
Continuation of Para	24950	3000	1535	25453	7497	8290
vararam Road to the						
Graveling Road from						
Vararam to the	63330			03350		5000
Road to Attali						
For setting a Culvert						
under the Road from	720	35	25	1471	259	30
Attali to Chiddepilligudem						
to under the Road from						
Road to Attali					290	250
to under the Road						
from Varamam to	300	300	240	51		140
Pannamant						

Road from Attali to	540			540	540
Graveling the Road					
from Gravelly to	22220	5012	14829	9127	12493
Pannamant					
Constructing a Culvert					
under the Road	100				160
Minor New works					
Completed		934	948		
Compensation for lands					
taken up for certain	3531	3531		3531	3531
Roads					
Do. taken up for					
Attali and Varamam	59			59	59
Roads					
Contributed for building					
a bridge over the	880	880		880	880
Wing of Varamam to the					

Carried Over 294570 281332 12939 115316 179252 38850

473700 57717 49759 271889 202381 23346

Brought Over	294570	28732	12939	115316	179234	38850
Constructing a Channel	11300					
at Chittiputt					11300	6300
Graveling Road						
along the Crest Bank						
of Mustapur Canal						
from Mustapur to	59400		1989	1999	57411	5000
Paravillo Creek						
Constructing 5 Culverts						
on the Road from	2530	2530	880	880	1050	1550
Mijechuram to Paravillo						
Do Do on Attali	740	"	"	"	740	740
Road						
Do Do on the bank						
between Paravillo and	600	"	"	"	600	600
Daryapattam						
Graveling Road from	25550	2000	4905	4905	23555	"
Palak to Yacoravaram						

Constructing a Road	080	110	114	080	"	Completed
from at Kadapur						
Constructing a School			#			# Annual advanced
at Kavidanadu	150	150	150	150	"	to the Vice President -
						S. S. Ranga & Co. (Pvt.)
Total Original work 598520	34925	21031	123490	274810	52110	Allocation for new work in 1953 Range

Repairs to Buildings	1455	255	255	255	255	200
Do Do in buildings	10050	7500	1436	7436	8000	5000
Do Do in S. S. Ranga	5020	1500	1592	4392	4228	1228

Palak No. 3 Range	122001	45501	33150	130090	287505	66168
Original work & repairs						

Road from Pallare	20000	1000	999	98254	21746	1900
to Hyderabad for water						

Total Kadapuram

473760 57717 49759 271889 202381 23346

473760 57717 49759 271889 202381 23346

Constructing a well

at Anur in Padda: 510

of new Saluk.

in opening the Anur

in different Paddas in 2200 2200 2023 177 177

Padda: Saluk

Total Original Works 476470 59917 51782 273912 202358 233523
 Allotment for New works in N.E. Range

Repairs Civil Buildings 103 35 35 35 128 128
 Do. Communications 44448 19700 19048 19048 25400 25400
 Do. Misc. Improvements 1089 2220 2089 2089 2000 2000

Total N.E. Range Original Works & Repairs

525170 51872 72954 295054 230080 51051

Grand Total 2023425 264854 242118 950275 1067047 2141981
 Total Local Fund allotments for 1875/76

District Engineer's Office (Madras)
 District Engineer's Office (Madras) 1875

Major A. C. C.
 District Engineer (Madras)

Comptroller

Original Works

Civil Buildings

Constructing Choultry
at Puzhinthachery

Constructing the

Choultry at Puzhinthachery

in the Road from

Cosumado to Adulappilly

Communication

Road along the Canal

Bank from Dindigul

near to Samulcolli

Do from Woodoor

Bridge via Ramachan

near to Mudanad

No. 1 on C. D. Rango & Gudam

5700 3500 2250 1735 3905 3905

2700 2200 1038 1038 1722 1722

850112 19398 15173

59550 3000 9228 22916 26634 8000

12.11.

98-22 July 75

12.11.532

which it will take
many years to find funds
for have been prepared
and sanctioned.

2. It will rest with
the Local Fund Board
to determine whether
the Nagaram island
Canal should take
precedence of other
projects which have
been investigated at
the instance of the Board.
If so the District Engineer
should receive early
intimation of their wishes
in order that a regular
estimate may be prepared.
It will be seen that
most of the earth work
can be carried out from
March

March to June 1878
and that, if the work
is to be taken up, an
allotment of Rs 10,000
must be made avail-
able at the beginning
of April.

3. The proper com-
plement of Assistant
Engineers for the Delta
Ranges has been long
since determined, and
but for the paucity of
Officers of this class
the requisite postings
would have been made.
As soon as possible the
number needed to work
the Ranges efficiently
will be made available.

5 c prepd.

9-8-75

Q. Eng. Sodamang -
For. Asst. -
Ch. Eng. for Irr.

9
7
5

39
4

X¹ at 10.

12 532/32

22/10/81
Govt. of Madras
PUBLIC WORKS.

To
Mr. D. S. S. S.
Residency

From
Mr. D. S. S. S. 2080

No. 5. 2. 33

Agaram Velam Kany.
San Council Godarney
Passing Orders in letter from
the D. S. S. S. regarding the
Expenditure of money in the
construction of the —
at an early date.