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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3148	Press Mis.
Dated 11-12-	1871.

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No 3148.

To

The Secretary to the Government of India,

with the Right Honorable

the Governor in Council

to forward for the information of the Government of India, the Annual Report of Local Funds Expenditure on Public Works in this Presidency for the year 1870-71.

Annual General Report
of Public Works in the
Madras Presidency under-
-taken from Local Funds
during the year 1870-71.

The allotment assign-
-ed from Local Funds during
the year 1870-71 for expendi-
-ture on Public Works amount-
-ed in the aggregate to
Rupees 27,58,337. The grant
was distributed in the propor-
-tion shown below.

Heads of Services	For expenditure by		Total
	Public Works Officers	Officers of other Departments	
New works	12,54,628	133394	1387,922
Repairs	719,550	287146	1006,695
Establishment	316,210	25,070	342,280
Tools and Plant	18,853	2589	21,440
	2,09,148	469,189	27,58,337

3.

The total outlay
under these Heads of Service
was Rupees 27,34,315 as
follows.

Heads of Services	By Public Works Officers	By other Departts.	Total
New Works	12,94,669	98714	13,93,383
Repairs	7,20,667	300857	10,21,518
Establishment	299369	6579	3,05,948
Tools and Plant	13466	-	13466
	23,28,171	406144	27,34,315

The following
Statement shows the
expenditure from Local
Funds of all descriptions
incurred by Officers
of the Public Works,
Revenue and Educa-
-tional Departments.

Civil Buildings

The Presidency College

The Presidency College upon which a total outlay of Rs. 31,26,000 had been incurred was completed and handed over for occupation. The Expenditure during the year in connection with the building amounted to Rupees 32,433

Senate House

Amount of Rupees 14,07,000 was laid out on the Senate House which is in course of erection at Chepauk. The foundations of the building have

and improvements of the
building. The work was
completed during the
An expenditure of
on a privy and a well
in the Compound of the
Provincial School
Mangalore.

Communications

The total expenditure
on communications
diture during the year
was Rupees 20,14,586
which Rs. amounts
Rupees 18,13,774 were
spent by the Public
Works and Rs. 200812
by the Revenue
Department

have been added, mainly
with a view to the better
maintenance of the Collection
of materials for the history
of the Province under Government
control. The total expenditure
on this account during the year
was Rupees 2,5896 under Agency.

School Farm at Mangalore

The cultivation during
worked by the School Farm
at Mangalore was
Rupees 2,5896 under Agency.

Statement as shown below.

PW Officers.

New Works — Rs. 11,39,245
Repairs — Rs. 6,74,529 — 18,13,774

Rev. Officers

New Works — Rs. 27,609
Repairs — Rs. 1,73,203 — 2,00,812

Carjam. — The Earth
work on the whole line
of the road excluding from
Cuncully to Baruar
was completed, Masonry
works died with and
portions of the line were
metalled and gravelled.
The expenditure during
the year amounted to
Rupees 165h. Amin

9

Rupees 1,24,11 — work done
on the road from Palam
and Soorada to the
Platform 26 miles of
the road were metalled
24 miles gravelled and
8 Masonry works were
built. The Earthwork
on the road from Alikam
to Veeramandalam
was completed, 12 miles
of the line were metal-
led and all the large
bridges and about 20
Culverts were constructed
the outlay during the
year amounting to
Rupees 15000.

Vizagapatam

Statement as shown below.

PW Officers.

New Works — Rs. 11,39,245
Repairs — Rs. 6,74,529 — 18,13,774

Rev. Officers

New Works — Rs. 27,609
Repairs — Rs. 1,73,203 — 2,00,812

Carjam. — The Earth
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The expenditure during
the year amounted to
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of the line were metal-
led and all the large
bridges and about 20
Culverts were constructed
the outlay during the
year amounting to
Rupees 15000.

Vizagapatam

Vyraputaru ... 11 masonry
culverts were built on the road
from Chodavarum to
Anakapilly & with the branch-
road to Sabbaram and
considerable progress was
made with the gravelling
and turfing of the roads,
the years expenditure reach-
ing Rupees 24,095. The
outlay on the road from
Anakapilly to Poderuaka
by Munagapaka was
Rupees 6999. The turfing
of 5 miles of the line was
completed and 21 mason-
ry works were built.
Fair progress was made
on the road from Nikavaram
to

to Gojapatisagaram &
with a view that from
Ramabadrapuram to
Dachipeitah Rupees 19,442
were spent on the former
and Rupees 12,772 on
the latter line of Com-
munication.

Godavery. Considerable
progress was made with
the road along the Canal
bank from Dowlaishweram
to Samalcottah. Earth-
work, was completed
over the 22 miles and
for a further distance
of 9 miles, Earthwork
and gravelling were in
progress. The expenditure

expenditure during the year amounted to Rupees 20824.

Masonry works on the road from Rajole to Mole-tasweram were being proceeded with and an outlay on them of Rs 3576 was incurred, while on the road from the river bank of the Vasishta Godavery at Sodium to Attily Masonry work and sanding were carried out at an outlay during the year of Rupees 9073. Rupees 1122 were spent on the completion of the road from Narsapoor to Chinchinadoo Ferry. The road from Elore

More to the Hyderabad Frontier via Bhimadapudi was in progress, and an outlay of Rupees 21194 was incurred on the line. Satisfactory progress was made with the continuation of the Veeravaseram Road to Allaed, Rupees 8412 having been expended during the year. Rs 7964 were spent on the road from Penuelly to Vizasweram the sanding of about 1/3 of which all that remained to complete the line. Earthwork and gravelling were in progress on the road

road from Yerraram to Buddapoody. The abutments of a plate iron girder bridge were being built and materials were being collected for other bridges along the line. The outlay amounted to Rupees 31,721. The Earth work on the line between Yerraram and Suddapoody on which a sum of Rs 19509 was spent, was completed up to the 18th mile. 1 iron girder bridge, 2 tunnels and 4 road drains were built, and 1 bridge was in course of construction.

The gravelling of the road from Peddapoor to Rajamahendram was completed, and almost all the tunnels along the line were finished. The outlay was Rs 16,533. On the road from Woorur Bridge via Pamidicherla-draapoor to Madapeund 4 bridges were constructed, 1 mile of Earth work executed, and 1/4 mile of turfing finished during the year, the outlay being Rupees 3,610. Levelling was in progress on the road from Bhimavaram to Tenneelly. The expenditure being Rupees 6432. Rs 9769 were spent on the construction of bridges on

on the road from Tiruvanchendrapoor to Pickaravoli, Rs. 3582 on a bridge over the Sannikkathi Canal, and Rupees 3004 on wooden bridges on the Cuddalore Canal. Considerable progress was made with Earthwork on the road from Pedalapoor to Jaggunnaikpettai, gravel was laid along the line for a distance of 3½ miles, and Rs. 44,808 were spent.

Akkivaram — The embanked road from Cuttoor to Kyalpoor weir nearly completed, all the masonry work with the exception of the bridges on the main Canal and

Side Channel & the Moore dinelagu, and on the Western bank Channel were finished, and metal and gravel were laid, the total outlay being Rupees 25829. A sum of Rupees 6155 was spent on the completion of the road from Ponoor to Sandeldesand Rs. 4893 on the bridge across the Salt Creek near the Village of Curlapollem on the Coast road, which latter was thereby completed. The abutments and wings of an accommodation bridge across the Cummamoor — Channel

17 31

Channel at Kottaiyar were completed to their full height and materials were collected for the remainder of the work at an outlay during the year of Rupees 4091. Rupees 3916 were spent on the road from Pointoor to Pattanapully which was nearly completed. 4 miles of the road from Chinnapalaikadoor to Nursarowpett were finished, 18 miles were embanked and metalling and gravelling were being done. The expenditure amounted to Rupees 7142. On the road from Nagoor to Parriyal

Earthwork

1932

Earthwork was completed in the distance of 4 miles and progress was being made between the 6th and 15th miles. The outlay during the year amounted to Rupees 11,103.

Nellore. Good progress was made with the road from Gudur to Kaligiri via Kalaidanki and Chinnakrakka, which was thrown out for traffic, the expenditure being Rupees 11,000. The road from Kaligiri to Podiageny was completed and was almost made available for traffic with

an

an outlay during the
year of Rupees 4999;
that from Nellore
to Sonnaveram was
completed up to the
28th mile with an
expenditure of Rs 8400;
and a sum of Rupees
10,000 was spent on
the road from Mambole
on the Great Northern
Road to Poodalakoor
or the Nellore and
Sonnaveram road,
6½ miles of the
last mentioned line of Communica-
tion were finally
completed.

Cuddalapah. Several
culverts were built
on the roads in
Pooldaloor to Vin-
dlacondapett, on
which an outlay
of Rupees 5011 was
incurred, and
the collection of
materials is
being proceeded
with. The steep
side of the
Ghaut on the
road from
Moodamoor

Mardanoor to
Puttiyangalla was
finished and
metal laid
for the 3rd
mile, the expen-
diture having
been
being Rupees
5008-
0
Kurnool and
Bellary. A
sum of Rupees
13,512 was spent on
on the road from Nundeatoor
to Bairloty, the masonry
works on which were in active
progress. Rs 2505 were laid
out on the road from Mad-
dikerra to Jaggili, after
which work was suspended
the survey of a new line
through Maddikerra to
the North West Line of the
Madras Railway having been
undertaken. Earthwork on
more than three fourths
of the Line extending from
the Ramjoor Pass to the
Nundeanoor Depot was
completed and materials for
metalling and quarrelling were
being collected. The expenditure
was

was Rs 23260. A bridge over Singasala Vaigai and a road dam across Nellavagai on the road from Adiny to Ghooty were being constructed at an outlay during that year of Rs 5,307. The branch road from Harnoor High Road No XII to Calwa was completed towards the close of the year, the expenditure on which was Rs 2,359; and Rs 1909 were spent on the completion of that portion of the road from Amanta-pore to Sadapetty which lies within the Ghooty pargana. Chinnalapatti Earthwork on the Great Northern Road is in progress and Darapolliem mud bank completed throughout in portions of the line metalled,

the year's expenditure having been Rs 4080. The road from Pullipore to Trunk Road Ls I was practically brought to a few more culverts only remaining to be constructed. Their years expenditure was Rs 1556. The outlay on the road starting off from the Great Southern road to Adiny was Rs 4,000. The Earthwork and nearly all the gravelling having been finished, and a bridge across the Pookorthorai Madugoor part commenced. North Arcot. The construction of a bridge of five arches across the supplying channel of Mahendravady reservoir on the Railway Feeder from Conjeeveram to Sholinghur Railway station was

was completed at an outlay during
the year of Rs. 3,816. The
Road from Caidospett on the
Nellore frontier via Calastry
to the Tripaty Railway
Station, used principally for
the conveyance of grain, was
with the exception of a few
masonry works completed throughout. Rs. 7,500 were laid out
on the road from Veucalagiri
Cottah to the Coopsem
Railway Station the earthwork
and gravelling on which were
nearly finished, and all the
larger masonry works, with the
Exception of the Palar bridge
the site for which was
undecided were completed.

South Arcot & Salem Districts.

18 Miles of the road from
Trinomalay

Trinomalay to the boundary
of the Villupuram Salem at
Pottavalum were formed
and 16 Miles of the line were
planted with trees for an
avenue; the years outlay
amounted to Rs. 8800- Rs1000
were laid out in repairs and
erection of bridges on the
the bridges on the Cuda
Moor Range road road
between Tindevanum and
Pondicherry, and Rs 2,447
on a bridge over the
Vennair at Bangalore,
both of which works were
completed. 5½ Miles of the
road from Villupuram to
Mambalapett and 8 3/4 Miles
of the line from Chevoe
amputty to Parangulathoor

were formed at an outlay
during the year of Rs. 3,000
on the former and 2,110 on
the latter work.

Tanjore. Good progress
was made with the work on
the road from Harichandramedu
to Kavalaiveliyan which
at the close of the year
2 bridges over the
Cadeyan and Pillyaur
and 45 Culverts were completed,
while 2 other bridges were in
course of construction. Road
No 73 from Cottalam to Coo-
lion, upon which a sum of
Rs 20,376 was laid out, was
completed with the exception
of 1 bridge and 2 tunnels.
The masonry works with
two minor exceptions were
completed

completed on the road from
Jerusendal to Tennalaguda
and Audethoray, and turfing
was in progress, the year's
outlay having been Rs 2,127.
The metalling of the road
from Pajanaseme to the
Saliamungalam Railway station
was completed with an outlay
of Rs. 50212, and the reste-
ration of 3 miles of road
No 27 from Cotoor to Ken-
gundy was, with a trifling
exception, finished at a
cost during the year of Rs
32 44. An expenditure of
was
7,462 incurred on Road
No 69 from Sheally to
Panangatanguda on the
Coleroon South bank, which
was almost completed.

2 tunnels only remaining to be built. Fair progress was made with the formation of Road No 69 from Pondicherry to Cuddalore Boundary as well as with the work of facing the line to the level of the South bank of the Arasalaur Anicut No 6783 maintained in connection with the project.

Trichinopoly. On Road No 1 from Trichinopoly to Salem and Toriore all the earthwork and bridges were completed & the bridges being in course of erection. The year's expenditure amounted to Rs 6377. The earthwork on the road from Perambalore to Elattur on which was approaching completion and 4 bridges were in course of construction. The road from Trichinopoly to Salem via Toriore was completed with no outlay during the year of Rs 1858.

Coimbatore. The whole length of road from Codormal to Pettad

Coimbatore and the Neighbourhood. A piece of Road 17 miles laid out on the completion of a feeder to the Pasoor station on the Great Southern of India Railway the compensation for the land taken up however remained unsettled. The bridging of the Cosar River was undertaken at a cost during the year of Rs. 3837 and a sum of Rs. 1350 was paid on account of 2 Abutments and wing piers and parapets to the bridges and embankments on the road from Coimbatore to Mettapollium. A sum of

Cadroomal Pettah to Pasoor was with the exception of portions damaged by Rain in the Cadroomal Pettah Tallug made good and easy for traffic. Culverts were built over all the small streams while the larger waterways were spanned by wooden bridges. The Sandy and long pieces of road were made easy to Hard paved beds and road dams in many beds in the road were corrected and by diversions effected wherever necessary. Most of the soft portions were at the same time metalled with the exception of portions during the year amounting to Rs. 22135.

of Rs. 1000 was expended
on opening the bridle path
from Kattary to Petaya-
mund - The road from
Malabar Tree pro-
gress was made with the
road from Paroor Perum-
paramba to Kodebugal
on the Periah road Rs.
6,742 having been spent on
the line. The road from
Pandelad to Wundoor
Mambat was opened but
no cart traffic, although
several of the drains besides
gravelling and metalling
had not been quite finished
The years expenditure
amounted to Rs. 6700 - The
road from Pandelad
via
Melatoor to Manaur was
completed during the year
all demands on contractors
therewith were finally adjusted.
Operations were continued on
Road No. 9 from Cirutal
Via Velooth, Irkot
Peraiyeramba and Keipa-
ramba to the Coorg frontier -
The outlay of Rs. 5386 having
been principally employed on
masonry works. The earth-
work and masonry on the
new line of road from
Cheranoor to Padiyanoor
was being proceeded with
and an expenditure of
Rs. 8314 was incurred. The
road from the Thoramur
bridge to the Cochin
frontier -

frontier and that from Balicapatam to Bayroor were completed at an outlay during the year of Rs. 5089 on the former and Rs. 7,700 on the latter line.

South Canara. Considerable progress was made with bridging the waterways on the roads from Moodbidry to Beltangady in one direction, and to Buntwall in another, Rs. 6395 having been spent on minor bridges and Rs. 10552 on the Poochamagur larger timber structures. A sum of Rs. 2396 was also spent on the construction of bridges on the Pootoor and Munjishwar road.

Madura.

Madura. Operations actually continued on the road from [illegible] to Tondy, 11.73 miles which were completed, one 8 hundred [illegible] at an outlay during the year of Rs. 10,499. On the road from Pallipatty via Paravacherry, Cumbum and Goodalore to the Travancore frontier good progress was made, part of the line was fully completed and a further portion of 31/2 miles was being forecast. Of the 12 miles of the road from Periyakulam to Cumbum [illegible]

and several tunnels (and
... effected ...
road) have been constructed
at an outlay of Rs 10000,
whilst a sum of Rs 8000
was spent on the road
from Tenneri to Irrela-
tore 11 miles of which were
completed with the road
drains and 8 tunnels.

Tinnevelly 7 miles of
the road extending from
Tyraur to Colaspedaram
were completed and a
sum of Rs 10,000 spent
on the line - Rs 1115 were
laid out on the road
from Sheenquittum to
Aeroomoogammungalum
which was completed all
but 1 mile. Rs 3098 were
(and)
spent

spent on the road from Tin-
nevelly via Dwalpeeri and
Vellaud to Sheenquittum
and Rs 9,000 on the road
from Tinnevelly to Rajapollam
on the line having been com-
pleted to a distance of 7
miles. The road from
Madura frontier via
Sheevulleputtore to Colaseny
upon which a sum of Rs
10000 was laid out was
completed for a distance
of 12 miles, and a further
extent of 5 miles was in
progress. 20 bridges along
this line were finished
and the road drains were
constructed. Plantations

were continued on the road
from Solaire to Vasudeva
mudliar's; and the Extension
of the Nunganeri and
Vizianarayanam road to
Tisayaneri Pilai, and on road
No. 10 between Panaguda
and Seroor Kuranguda the
expenditure having been
Rs. 6789 & 6528 and 4824
respectively
summarily

Miscellaneous Public
Improvements.

A sum of Rs. 8323,
was laid out in the con-
struction of an Office
Store Rooms for the
Pier Master near the
Ipadras Pier, and Rs. 883
were

[illegible] in laying down
[illegible] from the North beach as
far as the head of the
er for the purpose of
supplying water to the
[illegible] the Shipping in the
Road. An expendi-
ture of Rs. 2808 was incurred
during the year on the
completion of a Weigh
ected in the Cocanada
River, and Rs. 974 were
spent on changing the
ht at Hope Island
ight House. The
Construction of the Ne-
gapatam Jetty was proceed
with and a sum of Rs. 7,786
spent on the works

Cut

facing

~~Cut Stone facing~~ for a length
of 300 feet was done and
protective works were carried
out in connection with the
old jetty in anticipation
of erosion. The increase of
the sea at Cochin rendered
additional measures necessary
for the protection of the
harbour. A sum of Rs 1,00,000
was spent in closing the
Cruz Malagree Gap and
in repairing the Eyeria
North Bank.

A Statement of
works of public utility
constructed during private
individuals in lieu with the
Govt.

57

12

Desp. 15/12/71 with a duty
of Govt. 2444 of 1871.

Govt of Madras.

PUBLIC WORKS.

To The Secretary to the
Govt. of India

Dated

Read. Encl.

G. O., 14th March, No. 348.

Nos. 744

Forwarding the
Annual Report of Local Funds
Institutions on Public Works
in the Madras Presidency
for 1870-71.