

- (1) பக்கங்களின் எண்ணிக்கை 62.
 (2) புதுக்கித் திருப்பிய நாள் 1/90.
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் [Signature]

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண். 2228
 மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 15. 8. 1890

198

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

[Signature]

No. 299 Gr. L.

2228
FROM,

J. W. Martin Esq. 2228
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 29th July 1890

Recd 1st August 1890

SIR,

1535 W
With reference to your reminder
no. 1535 W dated 9th July/90, I have the
honor to inform you that the submission
of the statement of roads maintained by
this Department has been delayed pend-
-ing information from the Executive En-
-gineer Ganjam Division who has been tele-
-graphed to on the subject.

I have the honor to be

Sir,

your most obedient servant

J. W. Martin
Supg. Engineer I Circle.

FROM,

J. W. Martin Esq
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DATED

DESPATCHED

RECEIVED

29th July
29 August 1890

No. 299 G.C.

ENCLOSURES

SUBJECT.

Roads maintained
by this Department.
Informs that the sub-
mission of the statement
of — has been delayed
pending information
from the Bangalore District.

C. W. W.

0/6/90
13-10-90

2228
3

Statement showing the length of road. Communications maintained by the District Works Department during the year 1888-89.

Submarine
Sed. & P. layers
14000 ft

Supadungis affinis *relicta* {
Doblaishuwan 1st August 1923 }

 $\frac{7}{8}$
$$\frac{2228}{u}$$

First Table

Statement showing the length of road Communications maintained by the P.W. Department during the year 1889-90

Division	Description of Road	Total Length of Road	Length of Miles Metalled	Length of Miles not Metalled but graded throughout or gravelled of 3rd class or through temporary description	Length of Miles off	Remarks
Godavari Eastern	Nil	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	Nil
Godavari Western	Nil	Nil	Nil	Nil	Nil	Nil
	Nil	Nil	Nil	Nil	Nil	Nil
Vijayapattam Division	Potinghi Ghat Road - 22-0-0	22-0-0	22-0-0	0-0-0	0-0-0	There is a road under construction as a substitute for this temporary line.
	Potinghi Koraput Fair weather Road. } 30-0-0	30-0-0	0-0-0	30-0-0	0-0-0	
Puducherry Division	Ashta and Sivada Road 4-0-0	4-0-0	4-0-0	0-0-0	0-0-0	
	Nil	Nil	Nil	Nil	Nil	
Madras Division	At Bhubanpore	0-4-83	0-4-83	0-0-0	0-0-0	
	Small Roads in the Military Line at do - 0-4-59	0-4-59	0-4-59	0-0-0	0-0-0	
Madrass Division	Maridammallu on the Cuttack Road to Arma 3-4-0	3-4-0	3-4-0	0-0-0	0-0-0	
	Lafkara via Kallikotta Kallikotta Boirang Road 5-2-0	5-2-0	5-2-0	0-0-0	0-0-0	
Madrass Division	via Stagedda.	5-2-0	5-2-0	0-0-0	0-0-0	
	Road from Chundammur to Shanabkotta Palace including branch.	3-0-0	3-0-0	0-0-0	0-0-0	
Madrass Division	Main & Cross Roads to Jarada Palace	3-0-5-0	3-0-5-0	0-0-0	0-0-0	
	Nil	Nil	Nil	Nil	Nil	

2228
8

W. Marshall

Superintending Engineer I. K. I. K.

No. 302 G.L.

FROM,

J. W. Martin Esq^r ²²²⁸/₁

SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

P. W. Department
FOR IRRIGATION.

DOWLAISHWERAM, 1st August 1890

W. J. P.

SIR,

Enclos^{ure}

* Papers are
not sent

With reference to G.O. No. 1535 W.
dated 3rd June 1890, I have the honor to
forward herewith the statements of roads
maintained by this Department during
the years 1888-89 & 1889-90.

2. The statements of roads main-
tained in the Parlahimidi Estate dur-
ing the last years will be submitted
as soon as they are received from the
Executive Engineer Ganjam Division
who has been telegraphed to for the same.

I have the honor to be,

Sir,

Your most obedient

J. W. Martin
Sup^r Eng^r 1st Circle

FROM,

J. W. Martin Esq
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

P. W. Dept

FOR IRRIGATION.

DATED
DESPATCHED
RECEIVED

1st
10

August

1890

No. 302 G.L.

ENCLOSURES 2

SUBJECT.

Roads maintained
by this Dept. Submits
statements of — during
the years 1888-89 1889-90

Statement showing the Road communications maintained in the 2nd Circle during
the year 1888-89 prepared with reference to G.O. No. 1535 W. dated 3rd June 1890.

Division	Name of Work	Length Miles	Alloc. = ment = there for during	Expendi- ture	Remarks
			1888-89	1888-89	
Incorporated Local Funds.					
McClure Division	Pennersicut Roadway	2442	400	399	The Roadway was gravelled.
Kistna Western	Kizampalam Canal left bank between Vandivelugu & Kushipudi	7	350	1,293	The Canal & River banks are used as roads by the public. They are gravelled roads maintained by the P.W. Dept.
	Kistna Right bank between Epar and Morlotu	19	2640		

2228
9

Supt. Engrs. Office
24th July 1890

Hennu
Superintending Engineer
P.W. Dept.

P.W. Circle No. 2

2nd Circle

Statement showing the
road & communications
maintained during the
year 1898-99.

Statement showing the Road communications maintained in the 2nd Circle,
during the year 1899-90 prepared with reference to G.O. No. 1535 N. dated 3rd June 1890.

Division	Name of work	Length Miles, Feet	Allo- ment for 1899-90.	Expense: - there during 1899-90.	Remarks
<u>Incorporated Local Funds.</u>					
McClure Division	Pener Ancient Roadway	- 2042	600	606	The Roadway was gravelled.
Kistna Western	Nizampatnam canal left bank between Vandri & Telugu & Kuchipudi	7	350	1327	The canal and River banks are used as roads by the public. They are maintained by the P. W. Department.
	Kistna Right bank between Ephra and Mortola	19	2640		
			975		
			1325		

2225
10

Supl. Engrs Office
24th Feb 1890

24.
24.7.70.
Superintending Engineer
P.W. Circle

Form
No 5878

P. W. D. 1835 w d 3. 6. 90

The Superintendent Engineer
3rd Circle

To The Chief Engineer
P. W. Department
Madras

Dated 20 June 1890
Recd 22 June 1890

No 801

Statement showing the
the number of miles and
average cost of maintaining
them during 1888-89-90 of
all roads maintained
by P. W. D. in the 3rd Circle

To be embodied in the
Administration Report
1888-89-90
21.6.90
S. C. A. M.

21/6/90
S. C. A. M.

Statement showing the length ^{year} of road communication maintained by the P. W. D.
during the year 1888-89.

Item No.	Description of the road.	Total length. miles.	Actual length made or maintained during the year. miles.	Cost of making Rs.	Average cost per mile. Rs.	Remarks
<u>Roads detailed throughout.</u>						
<u>Extensions.</u>						
1.	Calicut-Vayptie Road	39.	10.	1,18,918.	11892	Improvements to 29 mile of road was completed in previous years.
<u>Maintenance.</u>						
1.	Kullar Gudalur Road	58	58	33,930	585	
2.	Do. Do. old road	39	39	4,056	104	
2.	Calicut-Vayptie Road	39.	39.	29,040	746	
						2228 12

Sd/- S. C. A. M. Major R. S.
Superintendent Engineer, P. W. D.

Comptroller
17th July 1890

Statement showing length ^{res} of road communication maintained by the P.W.D.
during the year 1889-90.

Item No.	Description of the road.	Total length.	Actual length made or maintained during the year.	Cost of making or maintaining per mile.	Average cost.	Remarks.
<u>Extensions.</u>						
1.	Vayitri Gudalur Road (new)	47	6	105,426	17,655	Supplements are being carried out on 44 miles during 1890-91.
<u>Maintenance.</u>						
1.	Kullar Gudalur Road.	58	58	42,360	735	
2.	8 $\frac{1}{2}$ — 2 $\frac{3}{4}$ — old road	39	39	2340	60	
3.	Calicut Vayitri Road	39	39	26,440	678	
4.	Vayitri Gudalur Road (old)	59	40	6938	173	
					2228	
					13	

Coincidence }
17th July 1890 }
m

J. S. Samdall Major R.E.,
Suptg. Engineer, IV Circle.

N^o 244
E.W.

2228
12
Supg. Engineer's Office, IV Circle
Coimbatore 17th July 1890

From

Major D. Mc Neil Campbell R.E.,
Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P. W. Department.

Sir,

Encls: 2

Adverting to G.O. N^o 1535 W of 23rd
Ultimo, I have the honor to submit here-
with statements showing the total length
of Road Communication maintained
by this Department during 1888-89 and
1889-90 and to state that all are metalled
roads.

I have the honor to be,

Sir,

Your most obed^t Serv^t,

Major D. Mc Neil Campbell R.E.,
Superintending Engineer, IV Circle.

8M.

P.W. C. No. 6798

From

The Supg. Eng^r

to Bureau

2228
18

Dated 17th }
Despd 18th } July 1890

Recd 19

No. 244
E.W.

Encls. 2

Road Communication

Submitting 2 statements showing the total length of ——— maintained by this department during 1888-89 and 1889-90.

243-iii

1. W. C. 74.76

From

The Sup^r Engineer
S. Circle

Dated 7th } August
Recd } 1890

No. 2180

Statement of
Roads maintained
by the P.W.D.
S. Circle for 1888-89

II Circle

2228/8

Statement showing length of Roads maintained
by the P.W.D. during 1888-89, & 1889-90, called for in
G.O. No. 1535 W of 3rd June 1900.

Executive Division	Total length in miles	No of miles constructed	No of miles maintained	Total cost of maintenance	area as cost of maintaining each sq. mile
<u>1888-89.</u>					
Tanjore	125 1/4	"	125 1/4	5652	45.
Nagapattinam	44 1/4	"	44 1/4	4039	92.
Tuticorin	20	"	20	883	44.
Madurai	10	10	"	1205	124.
Tirunelveli	.	.	.	.	.
	199 1/2	10	189 1/2	11819	54.
<u>1889-90</u>					
Tanjore	96 7/8	-	96 7/8	6420	66.
Nagapattinam	44 1/4	-	44 1/4	4581	104.
Tuticorin	20	.	20	1017	51.
Madurai	10	10	.	1096	149.
Tirunelveli	.	.	.	.	.
	170 7/8	10	160 7/8	13524	79.

N.B. No roads were newly constructed by this
Department during the above years.

Hodakornal
16th July 1890
D.O.

The Chief Insp. P.W.D.

Attn: the S. Circle
Supply Department

P.W. Cd. 6836

From

The Supt. Engineer
6' circle

To

The Chief Engineer
P.W.D.

No. 77778

Dated 16th 3rd July 1890

Depd. 10 3

Recd. 21

Statement showing
length of Roads maintain-
ed by the P.W.D. during
1888-89 & 1889-90 -

Statement showing the total length of Road
Communication maintained during 1888-89.

Chepauk Park

2228
19

Description of Road	Whether or not	Length in feet	Increase Cost of main Account.	
			making raising	
Beginning at Goat House North West main Gate & ending at North East Senate House	Metalled	3920	8703	860
Beginning at Chepauk Park West main entrance & ending at the South East Senate House	Dr.	1910	2581	255
Beginning at Chepauk Park West main entrance & ending at the Coorn road	Dr.	1300	910	87
Beginning at the point junction of the West main road and ending at Revenue Board Stables	Dr.	670	1224	110
Beginning at Goat House gate South East and ending at a junction with the above road	Dr.	320	245	23
	B. Power	8020	7763	758

2/7. 11/3/90

Installed 8020 7963 768

Within Madras Cricket Club grounds	Dr	1790	754	167
Beginning at Rev. B's Office Bridge going southerly West of Buckingham Canal and ending at Ry-crofts Road	Dr	2200	2352	224
Dr. east of Buckingham Canal	Dr	2270	1402	136
Beginning at Revenue Board Office Bridge going South east along Civil Engineering College and ending at the C.E. College Principals' Quarters	Dr	1020	714	68
Beginning at South West C.E. College new building, going north easterly & ending north of Revenue Board Office	Dr	780	1112	96
Between Revenue B's Office and east of Civil Engineering College	Dr	390	329	81
B. Curr.		16670	15656	1480

2228
20

Installed 16670 15656 1480

Beginning at Office toffee rooms going easterly between D. P. W. Buildings and ending at the east main block	Dr	680	644	61
Beginning at P. W. D. main gate going along stable & ending at the Beach road	Dr	730	665	65
Roads around Secret House	Dr	1360	2856	272
Beginning at Grant Duff Bridge going north easterly & ending front of Promenade	Dr	670	399	38
Around Presidency College - Basement	Dr	1152	2419	230
Semicircular road west of Presidency College	Dr	950	700	67
Entrance roads east of Presidency College	Dr	200	196	19
Entrance road South of Presidency College	Dr	160	217	21
Entrance road East of D. P. W. Buildings	Dr	100	46	4
Dr. South East of P. W. D.	Dr	80	98	9

Total 22752 23396 2264

Henry J. J. J.
Consulting Architect to Govt.

22752
23396
2264

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,

30 June 1890.

No. 1027

From

Henry Irwin, Esq., C.S.C.,

Consulting Architect

to the Government of Madras.

To

The Chief Engineer
Public Works Department

Sir,

Enclosures.

In compliance with G.O. No. 15356
dated 3 June 1890. I have the honor to submit a
statement shewing lengths of Road communications
maintained by this Division during 1888-89 -
with particulars of cost &c.

I have the honor to be

Sir

Your Most Obedient Servant

Henry Irwin

Consulting Architect
to Government.

P.W. No. 6203.

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P. W. D.

No. 1034

Dated

30th June 1890.

Received

No. of ENCLOSURES. 1

Subject.

submitting a statement
showing length of Road
Communication maintained
by the Architect Division
during 1888-89.

0 17 m 13. viii
2 15. viii P. W. D.

Statement showing the total length of Road Communication
maintained during 1889-90 in the Consulting Architect Division

2228
23

Description of Road

Description of Road	Length in feet	Cost of Maintenance per annum
Beginning at Government House North West main gate & ending at North East Senate House	3920	
Beginning at Elephant Park West main entrance & ending at South East Senate House	1810	
Beginning at Elephant Park West main entrance & ending at the Coorn road	1800	
Beginning at the centre junction of the West main road & ending at Revenue Board Stables.	670	
Beginning at Government House Gate North east and ending at a junction with the above road	320	
Within Madras cricket Club ground	1770	
Beginning at Revenue Board Office Bridge going South West of Buckingham Canal and ending at Pyroffs road	2400	
Do. East of Buckingham Canal	2270	
Beginning at Revenue Board Office Bridge going South east along College of Engineering and ending at the Municipal Quarter Civil Engineering College.	1020	
Beginning at South West Civil Engineering College new Buildings going South east and ending North of Revenue Board Office	780	
		16280

Carried Over

Description of Road.

Description of Road.	Length in feet	Cost of maintenance per annum
Brought forward	14280	
Between Revenue Road Office and east of Civil Engineering College.	390	
Beginning at Office, Jiffy road going eastward between D.P.W. Buildings and ending at the east main block.	650	
Beginning at P.W.D. West gate going along Stables and ending at the beach road.	730	
Roads around Secret House.	1060	
Beginning at Grant Duff Bridge going south easterly & ending front of Presidencies around Presidency College Basement.	670	
Semicircular road West of Presidency College.	950	
Entrance roads South of Presidency College.	160	
Entrance road East of Presidency College.	200	
Entrance road east of P.W.D. Buildings.	100	
Dr. South east of — Dr. —	80	

Total feet 22752

Cost of maintaining during 1889-90 Rs. 149.

H. Innes

Consulting Architect to Govt.

9th Dec 1889

No. 2974 C. 2228/24
Government of Madras.

PUBLIC WORKS DEPARTMENT.

Madras, 9th July 1890.

OFFICE NOTE.

From

J.W.

To

G.A.

Please furnish at once the statement referred to in G.O. 1535 of 2.6.90 showing the total length and other particulars required by the Secy. of State with respect to the roads maintained by the P.W.D. For the year 1889-90, the statement already forwarded with your no. 1027 of 30.6.90 giving figures for 1888-89 only.

8073

9.7.90

P.W.D. J.W.

No. 1225 of 17 July 1890. P.W. Cd. 6756

D.W.

The Statement showing the total length of roads maintained by this Division during 1889-90 and the cost of maintaining them is herewith forwarded.

S. J. J. J.
Comr. Assistant to Comr.

Revenue Rs 297810 of 7.7.90
Ex. A Rs 153503 3.6.90

1897-98 13.11.11
15.8.90

17-7
1891

Statement showing the total length of Road Communication maintained by the P.W.D. during the official year 1889/90.

No.	Name	Total Length	Remarks.
1	Branch road from Madras to Sivamangalam Road to side of Pinnar Dam	8 1/4	This road is in Sivamangalam territory, part of it will be completed on completion of the Pinnar Dam.
2	Branch from Madras to Sivamangalam Road to drawing station of wide highway.	1 1/2	This road with probably be abandoned on completion of the works.

2228
251

Kodakaval
22 June 1903

17-7-91

Col. R. B.
Chief Engineer P.W.D. Madras

1891

2228
26

Je 10/5 P.R.

Office of the Chief Engr
Peiia Project Works
Kodakand 22 June 90

From

Colonel J. Pennycook R.E.
Chief Engineer Peiia Project

To

Encls one.

The Chief Engineer
P.W. Department.

Sir,

Adverting to G.O. No. 1535 W
dated 3rd Instant I have the honor
to submit herewith a statement
showing the total length of road
communication maintained by
this Project during the official
year 1889-90.

2. During the year 1888-89 the
roads were in an incomplete state
and it is not therefore thought
advisable to submit a statement
for that year. I have the honor to be,

Sir,
Yours most obedt Servt,
J. Pennycook Col. R.E.
Chief Engr. Peiia Project

22. 1015. P.R

Фев

The Chief Engineer
Perryan Project

22

Dated. 22nd June/90.

Subject-

Road Commission

Forwards a statement—
showing the total length
of — maintained by
the Puiyar Project, during
the official year 1889/90.

Tow

The accompanying
file relating to roads
maintained by the
P.W. Dept. has been
waiting for statements
from the T. Circle,
which have just come
to hand.

to hand.
The S. E. T. Circle
however gives us in-
formation with respect
to ~~cost~~ maintenance,
& he says nothing about
the new work done
on the Potomac Harbor
road, which would
come under the head
"extensions".

PWC 6028

sent to the Sec of State
through the C. of D., &
a statement for 1888-90
has to be inserted in
the Administration Report
now going through the
Press.

The particulars
for each year cannot
well be made out from
the S.E.'s Admin Report -
vide head "Provincial
Committees" in the
proof in linked file.

C.

8-8-90

Waiting for the information
from I Circle will delay
the issue of the Admin Report.
Information about roads
in Gujarat has not been
given, but is promised.

2228
29

No. 2228 Wap 15-8-90

C.A.W.

27/6 Wap

District	Description of Road.	Length in miles metalled throughout	Length in miles not metalled but graded throughout.	Average cost of maintenance per mile	Remarks.
Vengalpetam	Pottunghi ghats road	22	-	Rs	
	Idtunghi Koraput fair weather road	-	30	-	
Gangaw	Aska Surada Road.	4	-	-	
	Military rifle range road at Serampore.	5	-	-	
	Small roads in military lines at - do -	5	-	-	
	Haridainallur on the Cuttack road to	3.5	-	-	
	Mirinda phara via Kallikotta.				
Mallore	Former Ancient Roadway.	.4	-	1032.	
Kishore	Koanpottam Canal left bank below	-	7	50	
	Haridainallur and Kuchipudi				
	Krishna right bank between Epur and		19.5	50	
Dollan	Roads to Ramandur in Sandur	21	-	205	
	Contonment Roads.	12.	-	345	
Nilgiri	Kullar Guadalu Road.	58	-	585	
	do do. Old Road.	-	39.	1024.	
	Calicut Vayittu Road.	39	-	746.	
Chingleput	8' 9' 10' miles of Brink Road in 5 th Division limits	11		230.	
do.	5 th Division limits Contonment Roads.				
	12' and 13 th miles of Brink road in				
	Palawan Contonment	7.2.		141.	
do.	Palawan Contonment Roads.				
	Pannamallee Contonment Roads.	2.5		72.	
South Arcot.	Road in the Coleroon Bank	-	20	50.	
	Road in the Right Bank of Kham Solis (and		6	75	
	Road from 11 th mile of Khandachellam Road to		10	30.	
	Kandianmullen via Pannam Road.		9	100.	
	Portion of Road from Shallicotpe to		169.5	57.	
Tanjore.	Manthuliyne		20	44.	
Madura		10		124.	

These roads are maintained by the P. W. Dept. from all accounts from Local Funds.

2228
30

Statement showing the total length of road communication maintained by the P.W. Dept (Madras) in 1898-99 (continued)

District	Description of Road.	Length in miles installed throughout.	Length in miles not installed but installed throughout.	Average cost of maintenance per mile.	Remarks.
Pondicherry District.	Branch Road from Madras - Trancore Road to site of Pongay Dam	-	8.25.	-	This road is in Trancore territory but not with the submerged or completion of the Pongay Lake.
	Branch from Madras - Trancore Road to driving station of wire telegraph.	5.2.	1.5.	-	This road will probably be abandoned on completion of the works.
Madras Town.	Roads in Madras Cantonment.	4.35	-	529.	-
Madras District.	Extension	Actual length in miles 10.	-	Amount paid for maintenance 11,892.	-
Mylapore	Cablest. Vaidyashree Road (new)	-	-	-	-

PO

2228/30 P.W.D.

To the Secy to the Govt. of India
P.W. Dept

Sir,

With reference to the
Memorandum No. 128C of
13 May 1890, I am
directed to forward
for transmission to the Secy of State,
a statement showing
the total length of
road communication
maintained by the
Madras P.W. Dept
during the year 1888-89
& to state that a statement
for the year 1889-90 will
be submitted in the
Administration Report
of this Dept for that
year.

2. I am to say that this
statement does not
include roads in
charge of District Boards
& municipalities to
whom

3-8-15

From all but a few species
lines of communication have
been made over - Your
circular under reply has
been communicated to
the Local & Municipal
Dept. which will furnish
the Sec of State separately
with information respecting
roads under its control.

Yours
M. W. Deane

D. W.
Sec of State
11/18

1535W 2/26-20
5470 " 29-7-20
29745- 7-7-20

2.9-19

No 2722W 2/15 Aug 1896

Ch.
10/20/8
12/20/8

13-VIII