(1) பக்கங்களின் எண்ணிக்கை 30

(2) புதுக்கித் திருப்பிய நாள் 2/4/92

(3) ஆதாரங் குறிப்பவர் கருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D துறை

அரசாணை எண்.	87-88	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள்	15/1/1894 (15/1/1892)	199

மடிக்கவோ துண்டபடி கையாளவோ கூடாது.

15 தாள்
தயது.

ஆவண. கா. 1—18,006—6-9-90.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

87-88
1

Buildings and Roads.
Civil Works.

READ—the following papers :—

From the Superintending Engineer,	I	Circle,	dated	3rd December	1893,	No. 553 G.L.
,, ,,	II	,,	,,	24th November	,,	,, 505 N.S.
,, ,,	III	,,	,,	21st ,,	,,	,, 2147.
,, ,,	IV	,,	,,	26th October	,,	,, 422 W.
,, ,,	V	,,	,,	27th ,,	,,	,, 390 W.
,, ,,	VI	,,	,,	27th ,,	,,	,, 1058 T.C.

G.O., dated 9th November 1893, Mis. No. 2514 L., Local and Municipal.

Note by the Chief Engineer, Public Works Department.

There appears to be a pretty general agreement in which I share that the present classification of roads as prescribed by the Public Works Code is insufficient.

On the whole I am of opinion that the classification proposed by Colonel Osborn, R.E., with the modifications suggested by the Government of Bombay, namely, the substitution of the term "unmetalled" for "murumed," would be suitable.

As pointed out by Colonel Osborn there are many roads regarding which a considerable discretion must be used by an Executive Engineer; for instance, there are some roads surfaced with kunker of a quality which would certainly be rightly classed as "metalled;" others would be classed as "unmetalled."

It must be observed that great difficulty is experienced by this department in obtaining information as to the proper classification of roads, as out of the 21,951 miles maintained in the whole Presidency, 21,488 are under the charge of local authorities; whatever classification is adopted should, it is considered, be made universal. There would of course be no difficulty in sub-dividing each class into district, village, taluk and municipal roads if such classification is required for administrative purposes.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

20th December 1893.

ORDER—dated 15th January 1894, No. 87 W., Public Works.

His Excellency the Governor in Council approves the classification suggested by the Chief Engineer and considers that it should be universally adopted. The orders of the Government of India will be requested accordingly.

[Here enter No. 88 W., dated 15th January 1894.]

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works, Periyár Project.
,, the Chief Engineer for Irrigation.
,, the Consulting Engineer for Railways.
,, the Examiner, Public Works Accounts.
,, the Local and Municipal Department.

Exd. C. A. Mitchenson.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated January, 15th.

Read. *Encl.*

G.O., 15th Jan. 1894, No. 87 W.

JANUARY.

Classification of Roads

Approving of the — suggested by the Chief Engineer and directing that orders of the Government of India be requested to the classification being universally adopted.

87-88
2

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

Colonel J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

Adverting to your letter No. 159 A.G., dated 26th September 1893, on the subject of revising the classification of roads now in force, I am directed to forward the accompanying copy of Proceedings of this Government, No. 87 W., dated 15th January 1894, from which it will be seen that His Excellency the Governor in Council, concurring with the Chief Engineer, approves of the classification proposed by Colonel Osborn, R.E., with the modification suggested by the Government of Bombay, viz., the substitution of the term "unmetalled" for "murumed."

2. His Excellency in Council recommends that this classification should be universally adopted under orders of the Government of India with the proviso that for administrative purposes local Governments should be at liberty to sub-divide each class into district, village, taluk or municipal roads according to circumstances.

I have the honour to be,
Sir,
Your most obedient servant,

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

FORT ST. GEORGE,
15th January 1894.

Exd. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1894} Madras.

PUBLIC WORKS.

Dated January, 15th.

Read. *Encl.*

15th January 1891, No. 88 W.

JANUARY.

Classification of Roads

Forwarding copy of Proceedings on the subject of revising the — now in force, and recommending that the classification suggested by the Chief Engineer be universally adopted under orders of the Government of India.

No. 5538/4

FROM

G. A. Hyland Esqr. 87-88/4
SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO

THE CHIEF ENGINEER.
PUBLIC WORKS DEPARTMENT.

Enclosure. 87-88/4

DOWLAISHWERAM, 3rd December 1893.

SIR,

With reference to Go. No 2620 W. dated 13th October 1893. I have the honor to State that I would propose the following classification of roads as suitable to this Circle.

Class I. Metalled, bridged and drained throughout.

Class II. Metalled, partially bridged and drained.

Class III. Gravelled, bridged and drained throughout.

Class IV. Gravelled, partially bridged and drained.

Class V. Raised, partially drained and bridged but not thoroughfared.

Class VI. Cart tracks only.

V.

87-88
5

P. W. CORRESPONDENCE No. [illegible]

FROM

C. E. Stephenson Esquire

SUPERINTENDING ENGINEER

FIRST CIRCLE

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT

DATED 3rd
DESPATCHED 7th } December 1893.
RECEIVED

No. [illegible]

ENCLOSURES

SUBJECT

Classification of roads—

Submitting certain proposals regarding the ——

From J. E. Paul Esqre Executive Engineer Nellore Division to the Superintending Engineer 2nd Circle, dy 16th November 1893, No. 347.

With reference to your No. 41382 of 8th November 1893 I have the honor to inform you that I have had but little experience of roads but as I am asked for remarks I venture to propose the following classification.

First class metalled roads
Second — " — " —
First class gravelled roads
Second — " — " —
First class earthen roads
Second — " — " —
First class cleared roads
Second. " — " —

First class would be as perfect as a road could be of its kind and the second imperfect, probably in the big rivers not having bridges.

No. 505-St.L.
24.11.93 Communicated to the Chief Engineer P. W. D. with reference to G. O. No. 2620 of

Ithe 13th October 1893. The other
Executive Engineers have no
remarks to offer regarding
classification of roads.

Supg: Engineer
Dist Circle.

87-88

From

The Supg. Engineer

2nd Circle

To. The Chief Engineer

P.W. Department

Madras

Dated 24th Nover. 93

No. 505 A.L.

Classification of Roads

Forwarded Sir,

Dr. Executive Engr's

letter, showing the

proposals for the

No. 2167

Superintending Engineer's Office,

3RD CIRCLE,

Bellary 21st November 1893,

FROM

Colonel A. T. Fraser R.E.

SUPERINTENDING ENGINEER,

IIIRD CIRCLE.

To

THE Chief Engineer, 87-88 1/4

P.W.D.

Madras.

Sir,

Enclosures. I

In reply to G.O. No. 2620W dated 13th October 1893 I have the honor to state that the Executive Engineer Kurnool advises VI

1. Metalled, bridged and drained throughout,
2. " partly bridged and drained
3. Gravelled, bridged and drained throughout.
4. " partly bridged and drained.
5. " with no masonry works but nullah banks sloped and gravelled.
6. Banked and sanded, with no masonry works but nullah banks sloped and sanded.
7. Cleared and nullah banks sloped.
8. Cleared only

2. It appears to me that a metalled road "partly bridged and drained" is to be considered rather as a Road of the 1st Class incomplete than a 2nd Class road.

3

3. Similarly, from what I know of Central India "Murumed" roads, that the gravel used there is a very near approach to metal, so much so, that they fairly belong to class I, as roads go.

4. I would therefore suggest the following classification.

Class I Metalled { Broken stone / Kunker / Trap gravel } as the case may be and bridged throughout.

Class I (a) Metalled { stone / Kunker / Trap } and partly bridged.

Class II Gravel road with bridges complete.

Class II (a) Gravel road partly bridged.

Class III Village road earth surface partly bridged.

Class IV Cleared tracks.

5 The mention of the class would then at once indicate the style of road, especially if the Provinces named were as well.

6. For example Kunker roads as the rule in the North Western Provinces, Murrum in Central India, Broken Metal in Mysore and Bombay and Laterite on the West Coast, but all are for the locality 1st class roads.

I have the honor to be
Sir
Your most obedient servant

Col Fraser R.E.
Supty: Engineer III Circle.

83-84

P.W. CURRENT No. 9947

From, Lt. Col. A. T. Fraser R.E.
The Superintending Engineer,
IIIrd. Circle,
Bellary.

To,
The Chief Engineer
P.W.D.
Madras

Dated 21st November 1893.
Received

Enclosures.
No. 2147

Subject.

Classification of Roads
Reporting the

No 422/W

From

Lt. Col: A. T. Fraser R.E.
Superintending Engineer
3rd Circle,

To

The Chief Engineer
P.W. Department.

Sir,

With reference to G.O.
No 2620 W dated 13th October 1893,
I have the honor to state that
I am of opinion that as far
as regard this Circle no change
is required in the classifica-
tion of roads as fixed by the
India P.W. Code. Each estimate
for a road is in accordance
with Vol. II appendix VI page
XXVIII to be divided into a
number of sub heads from
which the nature of the road

Should

Superintending Engineer's Office
26th October 1893.

should be easily ascertainable and also whether it is bridged or drained.

I have the honour to be

Sir,

Your most obed.t Servt

Cumming Lt. Col. R.E.

Superintending Engineer 4th Grade

87-88
11

P. W. CURRENT No. 9165

From,

The Supg. Engineer
4th circle

Dated 26th
Rd 30th } October 1893.

No 422
W.

Enc-

Classification of Roads-
Reports that no change
is required in the IV
Circle in the-

8

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS.
Chepak, 27th October 1893.

No. 3908/.

From J. C. Lawrence Esquire,
SUPERINTENDING ENGINEER,
V CIRCLE, 87-88/12

To

THE Chief Engineer,
Public Works Department.

SIR,

Enclosures

In reference to G. O. No. 2620W, dated 13th October 1893, I have the honor to state that in this Circle, the Department is only in charge of a few roads either along Channel or River Banks as in Tanjore, or along Tank Bunds. They may be divided into three classes:-

1st Those gravelled or metalled
2nd Sanded.
3rd Neither gravelled nor sanded.

I have the honor to be,
Sir,
Your most obedient Servt.
J. Lawrence
Supdg. Engineer, V Circle
27/10

P. W. CURRENT No. 9206

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
P.W. Department

Dated 27
Recd. 30 } October 1893.

ENCLOSURES.

No. 3907

Classification of Roads.

Offering suggestions as to the classification as required by G.O. No. 2920 W dy 13th October 1893.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

No. 1058 TC

Trichinopoly 27 October 1893.

From Major W.L.C. Baddeley R.E.
The Superintending Engineer,
6th CIRCLE.

87-88
87/13

To The Chief Engineer
P.W.D.

SIR,

ENCLOSURES.

1

With reference to G.O. No. 2620 W of the 13th October 1893, regarding classification of Roads, I have the honour to state that I am of opinion that the classification proposed by Colonel Alborne, Superintending Engineer, Northern Division, with the modification of Classes III & IV, suggested by the Government of Bombay, might with advantage be adopted.

I have the honor to be
Sir
Your Most Obedt Servt

W.C. Baddeley
Major R.E.

Supdtg Engineer
VI Circle

P. W. CURRENT No. 9166

P. W. D. 6th CIRCLE.

From

The Superintending Engineer,

6th Circle.

To

The Chief Engineer

P.W.D.

No. 1058 TC

Dated 27 } October 1893,
Received 27 }

Enclosures.

Classification of Roads:-

Stated that the classification proposed by Mr. Osborn, Supt. Engr. Northern Circle with the modification of classes III & IV suggested by the Govt of Bombay, might with advantage be adopted.

PUBLIC WORKS DEPARTMENT.

From Chief Engr
57-SR
14

No. 87. W. dy 15 January, 1894

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following:-

Letter from S. E. 6th Circle (No. 563 TC dy 3 Dec. 1893).
do — do — II " (" " 505 TC dy 24 Nov. 1893)
do — do — III " (" " 2147 dy 21 Nov. 1893)
do — do — IV " (" " 422 W dy 26 Oct. 1893)
do — do — V " (" " 390 W dy 27 Oct. 1893)
do — do — VI " (" " 1058 TC dy 27 Oct. 1893)
Proc. in the Local and Municipal Deptt. (" " 2514 L. mis dy 9 Nov. 1893).
Note by the Chief Engineer, P.W.D. (" " — dy 20 December 1893).

His Excellency the Governor-in-Council approves the classification suggested by the Chief Engineer, and considers that it should be universally adopted. The orders of the Government of India will be requested accordingly.

DESPATCHED
29 JAN. 94

Supt'g. Engineers. ✓
Consg. architect. ✓
Supt of Works P.P. ✓
Chief Engr. for Irrign ✓
Consg. Engr. for Rys. ✓
Exdr. P.W. accounts ✓
Local & Municipal deptt.

(40—2,000—1-10-93.)

87-88/15

C.W.E. No. 88. Wd/15 January 1894.

To

The Secretary to the
Government of India
P.W. Deptt.

Sir,

Adverting to your letter No. 159 A.G. dt. 26th September 1893 on the subject of revising the classification of roads now in force, I am directed to forward the accompanying copy of Proceedings of this Govt. No. 87 W. dated 15th January 1894 from which it will be seen that His Excellency the Governor in Council, concurring with the Chief Engineer, approves of the classification proposed by Colonel Osborn R.E. with the modification suggested by the Govt. of Bombay - viz the substitution of the term "immetalled

A and B

Govt. of (189) Madras.
PUBLIC WORKS.

(12)

Dated

Rect. 1891 Desp.

G.O. 15 Jan 1892 No. 87

88 W.

Classification of roads.

≡

Approving of the — suggested by the Chief Engineer and directing that orders of the Govt be requested to the classifn being universally adopted

— Do —

Awarding appr of Proceedings on the subject of the Meeting of the —— now in progress and recommending that the classifn suggested by the C.E. be universally adopted under orders

x of the 29th

P.C. 1891

260/14

20/2