Public Works (189) Department.

G.O., No. 2264 W

DATED 29 August '99

30/8/99

[Despatch Abstract.]

Repair Estimates – Calling attention of the Officers of the department to certain P.W. Code rules re the distinction between "ordinary" & ~~repair~~ "special" repairs, and directing, with remarks, that 'ordinary' repair estimates should not be permitted to remain open for more than twelve months.

2.60/14

B

Rh. Jd 30/8

[P. W. 20. / 200—18-7-99.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

GENERAL.
ACCOUNT.

Government of Madras.

PUBLIC WORKS DEPARTMENT

Recd. } 1899. *Enclosures*
Regd. } *Spare copies*

G.O. No. 2264 W., 29th August 1899.

Repair Estimates.

Calling attention of the officers of the department to certain Public Works Code rules regarding the distinction between "ordinary" and "special" repairs, and directing, with remarks, that "ordinary" — should not be permitted to remain open for more than twelve months.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From the Superintending Engineer,	I Circle,	dated 28th October	1898,	No.	693 G.L.
,, ,, ,,	II ,,	,, 18th July	,,	,,	425 G.L.
,, ,, ,,	III ,,	,, 1st November	,,	,,	2815 W.
,, ,, ,,	IV ,,	,, 13th September	,,	,,	494 W.
,, ,, ,,	V ,,	,, 4th April	1899	,,	219 W.
,, ,, ,,	VI ,,	,, 24th November	1898	,,	1925 T.C.
,, Consulting Architect to Government		,, 23rd September	,,	,,	1987.
,, ,, ,,		,, 28th	,,	,,	2052.
,, Chief Engineer for Irrigation, dated 31st July 1899, No. —.					

Order—No. 2264 W., dated 29th August 1899.

The attention of the officers of the department is called to Vol. I, Chapter VII, paragraphs 69 and 70, Public Works Code, and to the distinction between "ordinary" and "special" repairs therein made. As, however, the 31st of March which is laid down as the date for closing repair estimates is, in the case of Irrigation works, an inconvenient one, the Government directs that no estimate for ordinary (*i.e.*, annual) repairs should be permitted to remain open for more than twelve months, but that the date of closing it, within that period, will be left to the discretion of the Superintending Engineer.

(True Extract.)

Under Secretary to Government.

To all Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works Lighthouse Division.
,, the Examiner, Public Works Accounts.
,, the Chief Engineer for Irrigation.

Public Works P.W. **DEPARTMENT.**

3

A

Quote

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.
Again G.O., dated 189 , No.

Current No. 9188 ✓	of 1898,	dated 28. 10. 98	, from	the S.E. I circle
,, ,, 694 ✓	,, 1898,	,, 18. 7. 98	, ,,	the S.E. II circle
,, ,, 9157 ✓	,, 1898,	,, 1. 11. 98	, ,,	the S.E. III circle
,, ,, 7711	,, 1898	,, 13. 9. 98	, ,,	the S.E. IV circle
,, ,, 2937 ✓	,, 1899	,, 4. 4. 99	, ,,	the S.E. V circle
,, ,, 9807	,, 1898	,, 24. 11. 98	, ,,	the S.E. VI circle
,, ,, 7767	,, 1898	,, 23. 9. 98	, ,,	the C.A. to Govt
,, ,, 8113	,, 1898	,, 28. 9. 98	, ,,	— do —
,, ,, 6351	,, 1899	,, 31. 7. 99	, ,,	the C.E. for Irrigation

Note

All the currents marked ✓ are also disposed of by the Circular Memo re-demarcation of lands, sent down yesterday.

2 C No 4414 of 1899 in the file which is not read above is disposed of by the above Circular

P.K.S.
25/8/99

To 'I' for favour

J. C. C.

Genl Acct

ORDER.

Repair Estimate

No: 2264 W d 29.8.99

The attention of the officers of the Department is called to Vol. I, Chapter VII, Paras. 69 & 70, P.W. Code, and to the distinction between "ordinary" and "special" repairs therein made. As however the 31st of March which is laid down as the date for closing repair estimates is, in the case of Irrigation works, an inconvenient one, the Government directs that no estimate for ordinary (i.e. annual) repairs should be permitted to remain open for more than twelve months, but that the date of closing it, within that period, will be left to the discretion of the Superintending Engineer.

HLL
24/8

W. M. H. L

RM

No note dispensed as contrary to the note above

BCM

30/8/99

To All Supdg. Engineers
.. The Consg Architect to Govt.
.. Supdt of Works, Lt H. Dn
.. Exr. P.W. Accounts
.. Chief Engr. for Irrign.

[P. W. S. 500—17-6-98.]

D 11/9/99

WH
25.8.99

Ipci 25/8

260/14

Please correct & issue another copy

4/9/99

Please see if the Nos should be printed for all these letters?

No. 2264 W., 29th August 1899.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following papers :—

From the Superintending Engineer, I Circle, dated 28th October 1898. no 693 G.L.
" " " II " " 18th July "
" " " III " " 1st November " no 425 G.L.
" " " IV " " 13th September " no: 2815W
" " " V " " 4th April 1899.
" " " VI " " 24th November 1898.
" Consulting Architect to Government, " 23rd September "
" " " " 28th " "
" Chief Engineer for Irrigation, dated 31st July 1899. no

219W

1987

2053

+ 494 W

Order—No. 2264 W., dated 29th August 1899.

The attention of the officers of the department is called to Vol. I, Chapter VII, paragraphs 69 and 70, Public Works Code, and to the distinction between "ordinary" and "special" repairs therein made. As, however, the 31st of March which is laid down as the date for closing repair estimates is, in the case of Irrigation works, an inconvenient one, the Government directs that no estimate for ordinary (*i.e.*, annual) repairs should be permitted to remain open for more than twelve months, but that the date of closing it, within that period, will be left to the discretion of the Superintending Engineer.

1925 W

(True Extract.)

Under Secretary to Government.

To all Superintending Engineers.
,, the Consulting Architect to Government.
,, the Superintendent of Works, Lighthouse Division.
,, the Examiner, Public Works Accounts.
,, the Chief Engineer for Irrigation.

Exd. T. K. Narayana Aiyangar.

GENERAL.
ACCOUNT.

Repair Estimates

Calling attention of the officers of the department to certain Public Works Code rules regarding the distinction between "ordinary" and "special" repairs, and directing, with remarks, that "ordinary" — should not be permitted to remain open for more than twelve months.

Copy of paras 966 and 967
of the Old Madras P.W. Code.

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966. The sanction to a repair estimate will, ordinarily, be considered in force only up to the 31st March following, though, at the discretion of the Superintending Engineer, such estimate may be held in force till the 10th of July following. Special repairs as defined in the next paragraph will be dealt with as original works, and are not subject to this restriction as to time.

967. Special repairs are such as do not necessarily recur annually, biennially, or even quinquennially, being due to exceptional circumstances, sometimes of an emergent character, of which the Superintending Engineer must be the judge. See also Appendix J.

P. W. (1899) Department.

2B/44

CURRENT No. 6351

W. Please see E.I's remarks. The intention of the rule was not that there shd be a separate date for each estimate but for each Division. In many cases it would be inconvenient to close repair estimates as early as 1st July e.g. in North Arcot where water often does not come down the Palar till quite late in the year. For irrign works 31st March is the worst possible date.

HLL 10/8.

Please send Madras Code if you have one here.
HLL 6/8

Dw Submitted MM 7/8

DW
For orders.
RW 5.8.99

From E. I.

P.T.O

No. 169

Dated 31-7-99

~~***Received at Ootacamund***~~

Registered at Madras 4-8-99

Enclosures Plans/Others = 3/nil

Spare copies

SUBJECT.

Repair Estimates:

Offering certain suggestions and remarks on the rules proposed for the closing of —— by a fixed date.

JHW

[P. W. 39. / 1,000—28-6-99.]

v L 5380 Rd. 28/8

on reconsideration of this subject. I think it will be sufficient to call attention to Code I. VII 69 & 70, & say that ~~the spirit of the former should be observed in future.~~ no estimate for ordinary (i.e. annual) repairs should be permitted to remain open for more than 12 months, but that the date of closing within that period it will be left to the discretion of Supdg Engr

W.H.S.

16.7.99

BACK PAPERS.

G.O.	No.	Department.	Date.
3213	C	21-7-99	
3157	C	12-7-98	
3458	C	1-10-96	
938	W	6-4-98	
879	W	31-3-87	

FURTHER PAPERS.

G.O.	No.	Department.	Date.

4/

8

No. 3213 C.D.

Government of Madras.

PUBLIC WORKS DEPARTMENT.

Ootacamund, 21 July 1899.

OFFICE NOTE.

From W.

To E1.

After discussing with Supg. Engineers the necessity for fixing a date by which repair estimates for works must be closed the G/S proposes to issue the following rules

(1) All repair estimates must be classified as "repair" or "special repair estimates – Repair estimates are those which recur annually or at fixed intervals – ~~Spec.~~ All others should be classed as "special repairs"

(2) ~~In the case of~~ every "repair" estimates a ~~date for by which they~~ must be closed ~~should be~~ by a fixed ~~by the~~ date to be determined in each Divn. by the Exec. Engineer

W.

The Code Vol I Ch VII para 69 & 70 makes a distinction between ordinary & special repair works

As to the closure of ordinary repair estes. I think it would be inconvenient to have a special date for every estimate and would suggest for consideration whether the rules in Madras PW Code Sec. 966 & 967 based on G.O. 879 W dd 31-3-87 ~~would~~ might not be revived – As far as I remember this rule met the difficulty of closing estes. at the end of March.

31.7.99 W.H.

E.I.

Please send with complete file

31/7/99

Despd. 31.7.99

and no expenditure should be debited to that Estimate after that date has expired. Any work afterwards found necessary should be debited to the repair Estimate of the succeeding period.

(3) In the case of "Special Repairs" no date for closing the Estimate need be fixed on beforehand. It should except in Special Circumstances remain open until the completion of the works.

Please let me have any remarks or suggestions you may have to offer

H.L. 17/7

18·7·99

10

Public Works (1899) Department.

CURRENT No. 149

From E.W.

Order

No. 3213C.

Dated 21. 7-99.
Received
Registered 22. 7 99.
Enclosures
Spare copies.

SUBJECT.

Repair Estimate — Proposes certain rules for the closing of — by a fixed date and invites suggestions & remarks.

D.E.I

J.S. 25/7

25/7/99

25/7

25/7/99

BACK PAPERS.

No.	Date.
R.4.S.Ew.	12-7-99

FURTHER PAPERS.

No.	Date.

11

Q

No. 3213 C

Government of Madras

DEPARTMENT.

~~Madras~~ Ooty, 21 July 1899.

OFFICE NOTE.

From W.

To E1.

After discussing with Superintending Engineers the necessity for fixing a date by which repair estimates for works must be closed the undersigned proposes to issue the following rules.

(1) All repair estimates must be classified as "repair" or "special repair estimates- Repair estimates are those which recur annually or at fixed intervals All others should be classed as "special repairs"

(2) Every "repair" estimate must be closed by a fixed date to be determined in each division by the Executive Engineer and no expenditure should be debited to that estimate after that date has expired. Any work afterwards found necessary should be debited to the repair estimate of the succeeding period

21/7/99

[P. W. 48.
509 24.3-98.]

INDEXED.

22/7

(3) In the case of "Special repairs" no date for closing the estimate need be fixed on before hand. It should except in special circumstances remain open until the completion of the work. Please let me have any remarks or suggestions you may have to offer.

(Sd). H.E.C
17/7

(Sd) W.B. deW.
18-7-99

~~(3) In the case of "Special rep~~
~~no date for~~

P. W Dep

Read cr. No 9188, 6094
9157, 7711, 29
9807, 4444/9
8113 + 7967.

Note

W. Please see my remarks at end of synopsis
H.L.
31/6

* in Memo No. 3157 C of 12.7.98
Flag E

See remarks thereon
4.7.99

Please see further remarks
H.L.
10/7

See minute
13.7.99

DW
15/7/99

1. In reviewing the Supt Engineer's report of inspect of the office of the Executive Engineer, Negapatam, the Chief Engineer called* for a report from Suptg. Engineers on the following points:—

(a) (1) To what extent the boundaries of Government lands in charge of the Department are properly demarcated in the various divisions of their Circles and plans of the same maintained in division Offices

(2) What steps they are taking to supply deficiencies in the above respects.

(b) The opinions of Suptg: Engineers were invited on the proposal that all repair estimates, which now remain open sometimes for years should be closed after a definite time and that the remainder of the work required (if any) should be carried out under a new estimate. The period they would assign as the life of a repair estimate was also asked to be reported.

2. Replies from all the Supdg: Engineers and the Consg: Architect have been received and are tabulated in Statement ~~[illegible]~~ marked A.

3. The information supplied on points (a) (1) ~~[illegible]~~ is not particularly definite. The Supdg: Engineer II Circle reports in general terms that lands acquired for public purposes within the last 15 years have been mostly demarcated or are being demarcated. The Supdg: Engineer IV circle could not give the information asked for "with any approach to accuracy". The reports from other officers deal generally with lands adjoining public buildings and those on the side of rivers, canals and channels. As regards lands adjoining public buildings, it would

appear that, where there are compound walls or fencing of any kind, there are no ~~de~~ other marks to demarcate the boundaries. It would also appear that all land acquired within recent years for public purposes have been or are being demarcated. How much of such land has not been demarcated, is nowhere stated with any approach to accuracy. But in the Consg: Architect's Dn. in the Tinnevelly, Negapatam, Tanjore, South Arcot, Cuddapah and Vizagapatam Dns. the lands not demarcated (if any such there are) would seem to bear a small proportion to those demarcated. As regards other divisions, the reports do not seem to warrant a similar conclusion.

As regards lands adjoining rivers, canals & channels, the Revenue Survey has apparently demarcated* them in some divisions. In some cases e.g. the Rushikulya Project the Periyar Project & the irrigation ~~channels~~ sources of the Chingleput Dn. the greater portion of the land appears to have been demarcated. Under a system, ~~said~~ reported to be in vogue

* Vide Tabular Statement, Godavari Western Dn., II Circle, Bellary Dn. & South Arcot Dn.

in some divisions it is usual, when excavating a new channel, to provide for demarcating the land. Thus in one form or another irrigation sources are generally demarcated. ~~[illegible]~~ That there are however lands not so demarcated, will be seen from the ~~[illegible]~~ entries in the tabular statement against the Tanjore Chingleput and the Godavari Western Dns.

As regards the extent to which plans are maintained in Dl Offices, no information has been afforded in the case of the Godavari Western Dn, the divisions of the II Circle, the Negapatam, Madura & the Consg. Architect's Dns. No land plans, it is reported, are maintained in the Vizagapatam Dn, in the divisions of the IV Circle. In the case of other divisions land plans are maintained, but they ~~are~~ do not generally embrace all the land in charge of the P.W.D. In other words in no single division are there complete plans showing the boundaries of all Govt: lands in charge of the Dept.

4 The reports on the point (a)(2), as to what steps are being taken to supply deficiencies in respect of the demarcation of Govt lands and the maintenance of plans thereof, are various.

Mr Garrett, for instance, offers

+ Vide Tabular Statement against ~~[illegible]~~ IV Circle.

suggestions+ for removing the deficiencies, one of which is the employment of anicut Supdts for the purpose. In the Godavari Eastern & Central divisions in the Ganjam Kurnool, Trichinopoly, Madura and Tinnevelly Dns steps are being, or will be, taken to ~~remedy~~ supply deficiencies. In the Chingleput, & Tanjore divisions, a special staff for the purpose is reported as necessary. In certain other divisions no steps are, it is reported, to be taken, in view, apparently of more important matters.

5 It will thus be seen that the ~~are~~ demarcation of Govt land in charge of the P.W.D is by no means systematically attended to, ~~complete in many divisions~~, and that land plans ~~for such lan~~ are not maintained as a rule. ~~on any defined principle~~.

6. The only Code direction* on the subject so far as could be traced, is that found ~~[illegible]~~ in Article 1282A of the old Madras P.W. Code which directs Executive

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*. The Circulars of the Chief Engr for Irrign No 13.G. of 1885 and 21.G. of 1894, also contain instructions for demarcating P.W.D. lands. Vide Flags A + C

to be "careful to see that all land taken up by the department is properly demarcated with granite or other durable stones". After ~~describing the~~ specifying the description of the stone to be used in demarcating land and the manner in which the stones are to be laid out, the article ends with this direction:— "Every estimate which provides for compensation for land will also contain a provision for demarcating it in accordance with these rules".

7. The suggestions made on point (b) as to whether a life should be assigned for repair estimates and if so what it should be, range from the ~~elaborate~~ proposals x made by ~~of~~ Mr. Stannus to reorganize the Deptl (in view to eliminate the S. D. Officer as he is under the present system,) to more specific recommendations as to the kinds of repairs for which estimates should be kept open for a given time. The only ~~dis-~~ ~~sentient~~ officer who is for a continuance of the existing procedure is Lt Col. Baddeley. All the other officers are for placing a limit of some

x See abstract of his remarks against VI circle in Tabular Statement.

sort to the pendency of repair estimates - Messrs Garrett, deMorgan, Clerk and Smith are for making a distinction between ordinary repair estimates and special repair estimates; the former being kept open for 1 year only and the latter being limited by a more liberal term of years. The other officers do not ~~[illegible]~~ advert to this difference, but ~~and~~ recommend varying ~~different~~ terms of limitation for repair estimates in general.

The distinction between ordinary and special repairs estimates ~~and~~ the varying periods for which they ought to remain open, are recognised by the P.W. Code x. Para 69, Chapter VII, Vol I provides that the sanction to a repair (viz ordinary) estimate lapses at the end of the official year; but the preparation of a fresh repair estimate for expenditure that is continued into the following year is rendered ordinarily unnecessary. Para 70 of the same Chapter provides ~~that~~ for *special* repair estimates remaining current till the completion of ~~the~~

x. Vide paras 69 & 70, Chap: VII Vol I. P. W. Code.

paras 714 & 715
W Vol I, 9th edition

repairs.

In view of these Code provisions, the directions in which a change might be effected appear to be to restrict the discretion vested in officers under para 69 and to fix a term of limitation for the pendency of special repair estimates. Mr Clerk's * suggestions in these two directions may, it is submitted, be adopted.

* Vide tabular statement against Bellary D.E.

C.L.

For orders

R.W.
29.6.99

A

repairs.

In view of these Code provisions, the directions in which a change might be effected appear to be to restrict the discretion vested in officers under para 69 and to fix a term of limitation for the pendency of special repair estimates. Mr Clerk's suggestions[x] in these two directions may, it is submitted, be adopted.

C.L.

For orders

RW
29.6.99

[x] Vide tabular statement against Bellary D.E.

A

I Circle	Godavari	~~[illegible]~~				
	Eastern Dn.					
	Hd Quarters Sub Dn.	Boundaries of Govt. lands, except those of river banks, have been demarcated.	Land plans of these were prepared in 1880. Subsequent acquisitions have not been included in them.	The plans will now be revised.		
	Delta Sub Dn.	All P.W.D. lands & channels with very few exceptions are demarcated.	—	Steps are being taken to demarcate the remaining ones.	Most of the Ex. Engineers in the Circle are of opinion, and Mr Dellorsan concurs with them, that an ordinary repair and maintenance estimate should only last for the official year in which it is sanctioned.	
	Rajahmundry Sub Dn.	Govt. buildings have either compound walls or wire fencing. The lands along Godavari left flood bank are not demarcated.	—	The Godavari left flood bank lands will receive attention.	When repairs are of such a nature as to require a considerable period of time for their execution, they should be classed as "Special Repairs" - vide also pages 69 & 70 Chap VII, Vol I P.W. Code.	But in an ordinary Divn. the vast majority of Repair Estimates are "special" in this sense - e.g. every Tank repair estimate is special - H.L
	Dummagudem Sub Dn.	The lands in Dummagudem village granted as house sites have been demarcated. Others, which have not been demarcated are likely to be transferred to the Rev: Deptt.				
	Godavari Central Dn.	All recent acquisitions of land have been demarcated. Land acquired some years ago require demarcation.	Land plans for them are carefully recorded.	Steps are being taken to demarcate lands where necessary after careful enquiry into actual boundaries.		
	Godavari Western Dn.	The system of demarcating land immediately it is acquired for any work except in the case of buildings where compounds are fenced, has been in force for a few years. There are however large areas of land occupied by canals &ca for which there is no accurate record.	—	—		Q. Despite the quiet encroachments of ryots on this kind of land the Revenue Survey recently demarcated all land with reference to actual occupation. The Collector's & the S.E.'s opinion practically is to let things remain as they are - the only other alternative being to demand a resurvey along all canals, channels & drains.
	Vizagapatam Dn.	Lands which are mostly occupied by public buildings, are either enclosed by a compound wall or fence. Lands recently acquired for works of the Deptt. are being demarcated. Those acquired for river banks channels & tanks have been demarcated by field stones, marking the limits of cultivation. The regular demarcation of these lands will be carried on by framing separate estimates.	No land plans are recorded in this division.	—		
	Ganjam Dn.	Rushikulya Project demarcated.	Land plans of the Rushikulya Project are maintained in the Division office. No other land plans are available.	The demarcation & preparation of land plans for the Chicacole channels are under contemplation & will be taken up when the improvements to the channels are completed.		

Speaking generally all lands taken up for public purposes in recent times i.e. within the last 15 years have been mostly demarcated or are being demarcated. A good deal of land taken up previously has been demarcated in connection with main canals and channels. There is not so much necessity for demarcating channels which were in existence prior to the Revenue Survey as the limits of the land taken up by such channels are shown in the Surveys.

Before reporting on this, Mr Hannan reports that an examination of the records in the various offices will be necessary — a work which he thinks, could be done by his successor.

All annual repair estimates in connection with the Kistna and Pennar Deltas lapse with the close of the official year any incomplete works or arrears being included in the next years estimate—

Mr Hannan thinks that a time limit should be fixed not only to repair, but to all, works. Under the present system works remain incomplete for years, the usual reasons adduced being

(1) some compensation for land still to be paid

(2) Demarcation stones to be fixed or

(3) some sectioning still to be done.

If all these have been completed there is still further delay often, of from 6 to 12 months in making out a completion certificate that will pass muster. Explanations of deviations or excesses are called for from the Sub Dn officer who is generally new, & these take up considerable time. As a partial remedy of this state of things Mr Hannan would propose

(1) that S.Es should be authorized to close all estimates which came into the category above described, the work remaining to be done being provided for by supplemental estimates.

(2) The total abolition of Sub-divisional officers. These are generally subordinates — no more trustworthy or efficient than those working under them — who should not have Mr Hannan thinks, practically the whole unchecked expenditure of the Deptt in their hands, as they have now. They are made responsible for every thing; they are here today & gone tomorrow; the weight of their responsibilities which constitute the whole burden of the Deptt does not seem to oppress them in the least.

(3) The increase of the number of divisions — say roughly doubling the present number & entrusting them to the most efficient members of the Subordinate Staff. The benefits of this system will be

(a) a thorougher check measurement of work by the Dn officer,

(b) his direct responsibility to the Supdg: Engineer

(c) more work for Supdg. Engrs which would also be a very good thing—

III Circle

Bellary Dn.	All the more recently constructed Govt. buildings have their sites demarcated with stones or are fenced in or both. Most of the older buildings are also enclosed within walls or fences As regards irrigation works the older ones are demarcated by survey stones; newly constructed channels are specially demarcated	Site plans of the more recently constructed Govt. buildings are maintained in the Dn. Office. Those for existing older buildings are possibly available No site plans of tank bunds are maintained; but there are survey plans of [illegible] to Channels in the Office.	Beyond looking up the site plans of buildings as the plans are arranged no steps are at present to be undertaken especially in view of more urgent matters. Encroachment on channel banks seems very rare in the Dn. & when it does occur, is brought to notice by officers of the Dept.	Mr. Clerke is of opinion that this matter requires attention. A broad line has to be drawn between (1) Special Repair estimates & (2) Periodical or annual Repair estimates. In the case of (1) there is no reason why an estimate shd. not remain open practically for an indefinite period. In the case of extensive repairs to a large tank, for instance it may, for special reasons be impossible to complete it within a given time; & the preparation of a fresh estimate will only entail extra trouble. If a limit of time is necessary in such cases, it ought to be a liberal one viz 5 years. In the case of (2), however it shd. be laid down that the completion report for the previous year's estimate shd. be submitted before any expenditure is incurred on the estimate for the following year. The Ex. Engrs will in most cases, be able to fix a date on which annual repair estimates are to be closed.
Kurnool Dn.	There is not a single building erected by Mr. Johnston without site plans prepared and demarcation stones laid down. All land acquired is at once demarcated. What about earlier ones?	There are 23 site plans of works in the Dn., but of public buildings alone there are 88. Most of the site plans have probably been lost. A Register of site plans was opened in 1890. but it does not seem to be complete.	The work of demarcating land belonging to the (Kurnool Cuddapah) Canal is approaching completion in the Special Sub Dn. Office.	The life of any repair estimate should not exceed 24 months or 2 years. Commencing from the official year in which the estimate was sanctioned.
Cuddapah Dn.	All Govt. lands in this Division have been demarcated. Does this include irrigation works?	Plans of the same are being maintained in the Dn. Office.	—	Two working seasons would be a convenient limit for a repair estimate being left open. Lt Col Baddeley is much opposed to fixing any time limit to repair estimates, & sees no real objection to a repair estimate remaining open for many years. He would strongly recommend that no change be made in the present procedure.

IV Circle		The extent to which Govt. lands have been demarcated cannot be given with any approach to accuracy, as no registers or plans of Govt. lands are maintained.	No plans maintained.	Mr Garrett suggests means to supply the deficiencies but does not say what steps are actually being taken. His suggestions are (1) to open Registers in each Division showing what land belongs to Govt. (2) to have the demarcation of irrigation channels to be carried out by the Revenue Survey (3) to demarcate roads in special cases, and (4) to make a commencement in each Division by surveying and demarcating lands attached to head works & inspection bungalows by the agency of circuit Supdts.	Ordinary repair estimates should remain in force for one year. In the case of special repair estimates a hard & fast rule would not answer, as much would depend on the nature of the work & the amount of funds available.	* The Ootacamund-Kullar Road is it is reported, about to be demarcated.
	Chingleput Dn.	The lands of the Buckingham Canal have been demarcated & those of the Red Hills tank & Chembrambakam tank systems have also been demarcated; their supply channels have not been demarcated. The Kambakal channel has been demarcated, but the lands connected with flood banks & those connected with all Govt. buildings are believed to have not been demarcated.	The plans of the Buckingham canal are being completed.	The demarcation of the Cooum is under correspondence with the municipality. It may be possible to complete deficiencies in time but if it is to be done expeditiously, a Sub Engineer & Surveyor will be required for six months on spl. duty.	A Repair estimate should expire in 3 years time from date of commencement.	
	South Arcot Dn.	All Govt. compounds are enclosed with walls, fences or hedges. Few if any, of the old channels or irrigation works are demarcated except by the usual Survey Deptl. stones. When new channels are excavated it is usual to provide for demarcating the lands.	Some plans of lands attached to Govt. buildings are recorded in his Office.	~~All new estimates for the lands provide for~~	All annual maintenance estimates should be closed on 31st March of the year to which ~~they year to which~~ they relate. The life of other repair estimates should be limited to three years.	
V Circle	Tanjore Dn.	Lands attached to bungalows at the heads of Canals have been demarcated. The river banks have not, it is believed, been properly demarcated.	Plans of lands attached to bungalows at the heads of canals are kept in the said bungalows. There are no plans in the Division Office.	Instructions were issued in 1895 in regard to the demarcation of Padugai and other lands. The S.D. Officers find it not possible to take up the work. The work of demarcating all Govt. lands & making plans &ca. will require a special establishment, which should be sanctioned.	No repair estimate should remain open for more than 2 years.	
	Nellore Dn.	All buildings & sites of important Head Works in the Division have been demarcated	—	All Poramboke padugais on Canals shd. be demarcated. but they are in most places held on patta & there seems no near prospect of acquiring them in the interests of the Conservancy of rivers in the Dt.		

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V Circle				The work of demarcating all Govt lands is beyond the capabilities of the ordinary staff to complete: a special Estabt for the purpose is necessary.	Col Rawson thinks that a three year limit should be adopted for repair estimates.
VI Circle	Trichinopoly Dn	Out of 96 Public buildings lands for 48 have been demarcated	Plans for 22 buildings are maintained in the Dn Office - Plans for other buildings are reported not available -	Steps will be taken to demarcate the remaining buildings & to prepare fresh plans for those that are missing -	
	Madura Dn	— All lands acquired for the Periyar Project except the 1st Branch Channel & incompleted channels have been demarcated.	—	The boundaries of all Govt lands with buildings thereon are being demarcated where necessary and correct plans of compounds are being prepared for reference & record in the Dn office -	
	Tinnevelly Dn	The boundaries of all Govt lands belonging to Public buildings borne on the register of buildings have been demarcated	Plans for the same are maintained except for 8 Police Stations & 17 lascar and 8 shutter sheds the demarcation of which land is considered unnecessary.	The site plans of these will agree now to be called for by the Engr and lands are to be demarcated wherever found necessary.	
		Col Boddy presumes that the memorandum under reply has nothing to do with the demarcation of Irrigation works. But I think it has			Col Boddy would propose that sanction to a repair estimate should remain in force till the close of the 3rd official year after the estimate was sanctioned. The life of a repair estimate would thus be between 2 and 3 years -
Consg. Architect's Dn.	Consg. Architect's Dn	All lands within the municipal limits have been regularly demarcated by the Survey Deptt, ~~[illegible]~~ except where boundary walls or sides of houses already define the limits. Only the grounds of the Engine house attached Govt House Guindy & the grounds of the Agricultural & Teachers Colleges have not been demarcated yet.	—	—	Repair Estimates are usually ~~[illegible]~~ completed in the same year they are sanctioned, unless the requisition for repair is received very late in the official year. The life of a repair estimate shd be closed in the year following that in which it was sanctioned.

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The gist of the above is. All building sites are either fenced in or demarcated or both. Older channels &c are as a rule demarcated by Rev. Survey stones and those constructed in more recent years have D.P.W demarcation stones.

D.W's proposal.

No further instructions beyond those already in force appear necessary.

B

The above replies show that with the possible and doubtful exception of Cuddapah there is no Divn in which a systematic and complete collection of land plans is maintained. And this agrees with my experience that no attempt has ever been made in any Divn to maintain a collection of this sort.

Steps are in some cases being taken to demarcate channels but in most cases it is reported that the work is beyond the power of the ordinary establishment.

No steps are apparently being taken to make up registers or collections of land plans.

D.W's Proposal.

An attempt to prepare site plans for all irrigations lands and sites for public buildings would be useless unless a special establishment were sanctioned for each Divn. An unnecessary outlay in my opinion as nearly all P.W lands are demarcated in some way or other already. ~~What I would sa~~.

All existing site plans should be arranged and corrected if necessary and filed with reference to a register which should be maintained in every Divn. In future when ever land is acquired the land plan shd be filed in the office and the particulars entered in the register.

I think the best plan will be to issue instructions to the following effect.

(1) For P.W. lands whose boundaries are shewn in Rev: survey maps, no plans or registers need be maintained by the Dept.

(2) For lands whose boundaries are not so shewn plans & registers shd be maintained in Dn offices.

[illegible]

The opinions are very diverse see précis

D.W's Proposal.

Having read all that has been said I adhere to my original proposals. With regard to para 69 Chap VII Vol I of Code. The fixing of a date for repair estimates being closed is a mistake. It must be done for each Divn. For irrigation works 31st March is the worst time that could be chosen and each Ex Engr must fix his own date to suit local conditions. The old Madras Code para 966 fixes 1st July and C informs me that this is accepted in this Presidency still. I would however adhere to my original proposal. viz that the date for closing ~~each~~ repair estimates should be fixed by the Ex- or Supg- Engineer

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EI's opinion shd be obtained on this point

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(3) Fresh lands acquired in future, provision should be made in the estimate for

(a) In the case of buildings marking the boundary with a fence

(b) In the case of irrigation chls, wells &c., marking the boundary by demarcation stones

In both cases, plans should be supplied in the Dn office, & particulars entered in the Land Register

W

I think these rules will meet the case and have sent them to E.I. for his opinion

H.B. 11/7

27

On this subject I think instructions may issue to the following effect.

(1) In the case of all ordinary annual repair estimates, the date of closing will be left to the discretion of the Ex. Engr. provided that no such estimate shall remain open beyond the year subsequent to that in which it was made, or after a×

× fresh repair estimate is made

(2) In the case of special repair estimates, e.g. repairs to tanks, the date of closing will be the date of completion of the work.

W

My objection to this proposal is that there will be two repair Estimates for the same work open concurrently, and it is impossible to say to which estimate any work should be debited. I consider it most important that the first repair Estimate should be closed (1) before work on the second is started.

I would say that a clear distinction must be made be- (2) tween ordinary and special repair Estimates. In the case of the former a date for the completion of the work must be fixed and that no ~~exp~~ expenditure should be incurred and debited to that Estimate after that date. Any work which it may be necessary to carry out after that date must be debited to the Estimate of the succeeding year

D.W. — for further comments of Mr [illegible]. Proposal sent to [illegible] for his opinion

J. Bell

(1) Certainly — but will the addition ~~not~~ made meet the case? To T.E.E.

(2) It is difficult to frame any such definite distinction, unless we say that ordinary repair estimates are those which recur annually or at frequent intervals, & 'special' do all others? H.B. 11/7

× Can you suggest a definition?

H.B.

26

Public Works (1898.) Department.

CURRENT No. 9188

From the Supg. Engineer
First Circle

Order

No. 693 G L.

Dated 28. 10. 98
Received 3/11 2.11.
Registered } 5 Novr. 98
Enclosures
Spare copies

SUBJECT.

CE's Memorandum No. 3157C d/12.7.98 regarding the demarcation of Govt. land in Charge of DPW IC —. report on the questions raised in —

Compile
AK
5.11.98
DW

OLS 250 R 6/7 Sent again 11/7/99 R 10/7

BACK PAPERS.

No.	Date.
3157C	12-7-98
3488C	1-10-96
938W	6-11-98

FURTHER PAPERS.

No.	Date.

No: 693 G.L.

Office of the Supdg Engr: 1st Circle
Camp Dowlaishweram 28-10-98
Dd. 2-11-98.

From
W.C. DeMorgan Esqr. M.I.C.E.
Suptg Engineer 1st Circle

To
The Chief Engineer
P.W. Department
Madras

Sir,

Referring to your memo no: 3157C of 12-7-98, I have the honour to report as follows:—

Godavari Eastern Dn.

A. (a) At head Quarters of the Division, boundaries of all Government lands except those occupied by the River bank, have been demarcated and land plans were prepared for them in 1880. These plans will however now be revised as subsequent acquisitions have not been included in them.

(b) In the Delta Sub Dn, all the P.W.D. lands and Channels with very few exceptions are demarcated and steps are being taken to demarcate the remaining ones.

(C) In the Rajahmundry Sub Dn, the lands along Godavari left flood bank are not demarcated and the matter will receive attention. The Government buildings in this Sub Division have either a Compound wall or wire fencing round them.

(d) In the Dumagudem Sub Dn. the lands in Dumagudem village granted as house sites have all been demarcated. Those from Dumagudem to Chodavaram, a distance of 25 miles have not been demarcated. These lands are not likely to be required by the Department and arrangements will be made to transfer them to the Rev Department. The subject is now under correspondence with the Collector.

Godavari Central Dn

All recent acquisitions in this Dn have been demarcated and land plans for them are carefully recorded. Land acquired some years ago require demarcation and steps are being taken to demarcate them after careful enquiry as to actual boundaries &c.

Godavari Western Dn

(a) It is an invariable custom in this Dn to demarcate land immediately it is acquired for any work, except in the case of buildings where compounds are fenced in and the area taken up in each field is marked in village maps recorded in Division Office. This system the Exec Engineer reports has been in force for a few years.

(b) There are large areas of land occupied by Canals, Channels and drains of which there is no accurate record. For years past the ryots have been quietly encroaching on PWD land, most noticeably along the margins of drains. To add to the difficulty of detecting encroachments, the Revenue Survey Department when recently at work in the Godavari District demarcated all land with reference to actual occupation. The Collector on being requested by the Exec Engineer to ascertain if any thing could be done to rectify matters, replied that nothing could be done and each individua case must be reported and dealt with on its merits. But the Exec Engineer considers it impossible for Subordinates of this Department to detect the encroachments even supposing they had the time to devote to the purpose and that the Collector's reply amounts to saying that matters must remain as they are and I concur in his view. Apparently the only alternative is to demand a resurvey along all Canals, drains and Channels.

Vizagapatam Dn

Lands in this Division are mostly occupied by Public buildings. These are enclose either by a compound wall or fence. Provision for demarcating these lands that have been recently acquired for works of the Department has been made in Estimates and such lands are being demarcated. There is very little land acquired for irrigation works in this Division. Such as has been acquired for river banks, main and branch Channels and tanks has been demarcated by field stones marking the limits of cultivation. The regula demarcation of these lands will however be carried on by framing separate Estimates for the same. No land plans are recorded in this Division.

Ganjam Dn

(a) The Rushikulya Project has been demarcat
Divisi

demarcated, and land plans are maintained in the Division office. No other land plans are available.

(b) The demarcation and preparation of land plans for the Chicacole Channels are under contemplation and will be taken up when the improvements of the Channels are completed.

With regard to point (B) most of the Exec Engineers in the Circle are of opinion and I agree with them, that an ordinary repair and Maintenance Estimate should only last for the official year in which it is sanctioned. Any further repairs required being carried out under a repair Estimate sanctioned for the next official year.

When repairs are of such a nature as to require a considerable period of time for their execution, they should be classed under the head of "Special Repairs" — vide also Paras 69 + 70 Chap VII. Vol I Pw. Code.

I have the honour to be,
Sir
Your most obedt Servt.

W D Morgan.
31. 10
Supt Engr: 1st Circle

Public Works (1898) Department.

CURRENT No. 6094

Order

From The Superintending Engineer II Circle

No. 425 Gl

Dated 18.7.98

Received
Registered 26.7.98

Enclosures

Spare copies

Complete
AcK
28-7-98
DW

SUBJECT.

(1) Boundaries of Govt land in ch: of P.W.D., (2) Life of repair estimates; — reporting on the queries put by the Ch: Engr and suggesting a thorough reorganisation of the Dept by the abolition of Sub Dn offices & a corresponding increase of the No of Divisi

L. 5250
R 6/7 11/7/99 12/7

BACK PAPERS.

No.	Date.

FURTHER PAPERS

No.	Date.

74

No. 425 Gl — Superintending Engr's office
2nd Circle, Bezvada.
Dated 18th July 1898

From

J. Hannan Esquire,
Superintending Engineer,
2nd Circle.

To

The Chief Engineer
Public Works Department.

Sir,

With reference to your memo No. 3157-C, dated 12th July 1898, I have the honor to report that it would take a long time to ascertain to what extent lands belonging to, or in charge of this Department, have been demarcated, but speaking generally, I should say all lands taken up for public purposes in recent times, that is to say, within the last 15 years, have been mostly demarcated, or, are being demarcated. To what extent, lands taken up previously have been demarcated

demarcated, I am not in a position to say, but I imagine that a good deal of it has been demarcated in connection with main canals and channels. There is not so much necessity for demarcating channels which were in existence prior to the revenue survey as the limits of the land taken up by such channels are shown on the surveys.

Before answering fully your queries on the subject, it will be necessary to examine the records in the various offices to see to what extent lands have been demarcated and registers for same maintained. This can be done by my successor Mr Lewis as I will not have time to do so before proceeding on privilege leave.

As regards para 161: All annual repair estimates in connection with the Kistna and Penner Deltas lapse with the close of the official year, any incomplete work or arrears being included

B

in the next years estimate.

It is not only as regards repair works that there should be a time limit; I would apply the rule to all works. An examination of the Progress Reports for works over Rs 2500/. in most Divisions (I say for works over Rs 2500/. as I only receive Progress Reports for these works, but my remarks apply with equal force to works under this limit), will shew a most unsatisfactory state of affairs – works remaining incomplete for years on account of some trifling work remaining to be done. The usual remarks being

(1) Some compensation for land still to be paid

(2) Demarcation stones to be fixed.

(3) Some sectioning still to be done etc.

Works being allowed to drag on this way when they are at last finally completed, there is a still further delay of from 6 to 12 months in making out a completion certificate that will pass muster.

The Sub-Divisional officer, who may be and generally is a new man, is called upon to explain deviations & excesses which have taken place long, it may be years, before he took over charge. Reminder after reminder is sent to Divisional officer to submit the Completion Report. The Stereotyped reply is that matters are under reference with the Sub-Dl. officer. Of Course, there ought to be a record of every deviation and excess in the Division Office and if the accounts of the works are properly kept, there ought to be no necessity whatever for a reference to the Sub-Divisional officer. I am no wise exaggerating the state of affairs. As partial remedy, Superintending Engineers should be authorized to close all estimates which came into the category described above, supplemental estimate being submitted for sanction for work remaining to be done.

But to improve the general unsatisfactory

unsatisfactory state of affairs, the whole reorganization of the Department is necessary on these lines.—

(1) The total abolition of Sub-Division offices

(2) The increase of the number of Divisions, say roughly, doubling the present number.

The present class of Sub-Divisional officers are generally speaking, subordinates in no way differentiated from the subordinates working under them — calling them officers will not alter their nature or make them more trustworthy or efficient. These men have practically the whole unchecked expenditure of the Department in their hands. I do not think they should.

In the new system (or more properly speaking the old system in vogue before the Sub-Division office system of Bengal was introduced), I would put the most efficient members of the subordinate staff in charge of Divisions. The advantage of this system would be that all

The Sub-Divisional officer, who may be and generally is a new man, is called upon to explain deviations & excesses which have taken place long, it may be years, before he took over charge. Reminder after reminder is sent to Divisional officer to submit the Completion Report. The stereotyped reply is that matters are under reference with the Sub-Dl. officer. Of Course, there ought to be a record of every deviation and excess in the Division office and if the accounts of the works are properly kept, there ought to be no necessity whatever for a reference to the Sub-Divisional officer. I am no wise exaggerating the state of affairs. As partial remedy, Superintending Engineers should be authorized to close all estimates which came into the category described above, supplemental estimates being submitted for sanction for work remaining to be done.

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In the new system (or more properly speaking the old system in vogue befor the Sub-Division office system of Bengal was introduced), I would put the most efficient members of the subordinate staff in charge of Divisions. The advantage of this system would be that all work would be check measured and paid for by the Divisional officer who would have to do his own work and be responsible for it directly to the Superintending Engineer and he would have no scape goats in the shape of Sub-Divisional officers - now everything is referred to these men. They are made responsible for everything. They are here to-day and gone to-morrow and to give them their due, I must say, that the weight of their duties and responsibilities, in fact the whole burden of the Department, does not seem to oppress them in the least. The new System would give more work to Superintending Engineers which would also be a very good thing, if the present strength is to be maintained.

I have the honor to be
Sir
Your most obdt. Servt.
J. H. [illegible]
Superintending Engr.

4a

Public Works (1898) Department.

CURRENT No. 9157

From The Superintg. Engineer
3rd Circle
Bellary

Order

No. 2815 W

Dated 1 — 11 — 98

Received
Registered } 4-11-98

Enclosures 3.

Spare copies

SUBJECT.

Government Lands.

Forwards reports received from the Divisional Officers regarding the demarcation &c. —

Compile
AK
5-11-98
JW

o L S 250 n6/7 11/7/99 110/1

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Letter from H. E. Clerk Esquire, Executive Engineer, Bellary Division, to the Superintending Engineer, III circle, Bellary, No. 6690 of 8th September 98.

With reference to your Endorsement No. 1379, dated 16th July 1898, on memo No. 3157C dated 12th Idem, from the Chief Engineer, P. W. D, I have the honour to report as follows:-

(a) 1 Demarcation of boundaries to Government lands.

As regards Government buildings, all the more recently constructed Government buildings have their sites demarcated with stones, or are fenced in, or both. Site plans of these are maintained in the Division office. Most of the older buildings are also enclosed within walls or fences. A few are not. Site plans are possibly available for most of them but until my records are sorted I cannot tell which have plans and which not. The arrangement of plans is now being gone on with and the matter will be kept in view.

As regards Irrigation works, the older works are demarcated by the survey stones and no encroachment beyond them is allowed. Newly constructed channels are specially demarcated. No site plans of Tank bunds are maintained in this office. There are survey plans of the following channels in the office.

Basavanna channel.

Roya channel.

Thurta channel.

Bella channel.

Kampli channel.

Bellagodal and Kalagutta channel.

Ramasagar channel.

Desanur channel

Sirugappa channel.

Rampur channel.

2. Steps taken to supply the deficiencies.

The site plans of buildings will be looked up as the plans are arranged; beyond this no steps are at present being taken and I do not think it advisable in the present state of the Division when so many more urgent matters require attention. Encroachment on channel banks &c seems very rare in this District and when it does occur is brought to notice by the Officers of the Department.

(b)

(b) This is a matter which requires attention, though I should have thought that each Executive Engineer might make his own rules on the subject. A broad line has to be drawn between (1) Special repair Estimates and (2) Periodical or annual repair Estimates. In the case of (1) such as Extensive repairs to a large tank I see no reason why an Estimate should not remain open for practically an indefinite time provided there is good reason for it. It may be impossible to complete the work owing to the tank remaining full of water and the closure of an Estimate and resubmission of a fresh one would only give extra trouble without any commensurate advantage. If it were decided to fix a limit of time in such cases it should be a liberal one, say five years, but I think myself that none is necessary.

(2) The case of works which have annual repairs executed to them is very different and it should be laid down that the completion report for the previous years Estimate should be submitted before any expenditure is incurred on the estimate

for the following year. I have always made this rule in the divisions of which I have been in charge, and consider it very necessary, for I have, on assuming charge, found two if not three repair Estimates simultaneously open for one work. In such a state of affairs accurate account is out of the question and check of work done becomes very difficult.

In most cases Executive Engineers will be able to fix a date (varying under different conditions) on which annual repair Estimates are to be closed. All work done after this date should be included in, and charged against the Estimate of the following year.

(True copy)

W Bauldry

Lieut Col. R.E.

Superintending Engineer

III Circle.

2-11-98.

18/8

Letter from John C. Johnston Esqr Executive Engineer, Kurnool Division, No 1681 dated 29th July 1898 to the Supdg: Engineer, III Circle, Bellary.

In reply to your endorsement No 1379 of 16th July 1898 on Memo from Chief Engineer P. W. D. No 3157 C. of 12-7-98 I have the honour to state that in my opinion the life of any repair estimate should not exceed 24 months or 2 years.

It is difficult to say however from what period the 2 years should be counted. There is (a) the official year in which an estimate is sanctioned and which might be counted as one year whether the sanction was made in April or March i.e. the beginning or end of the official year or (b) the actual date of sanction from which the two years would count or (c) the date of commencement of work. For the sake of the Executive staff I would recommend (c) but then the office would have to maintain a register. If (a) were adopted no register would be necessary. So I think my final approval would rest with (a).

Letter from John C. Johnston Esqr Executive Engineer Kurnool Division, No 3361 dated 4th October 1898 to the Supdg: Engineer, III Circle, Bellary.

In reply to your Memo No 1379 dated 16th July 1898 and 1635 dated 4th August 1898 I have the honour to state that in 1890 a register of site plans was started but it does not seem to be complete. We have found 20 site plans of works in the District. List of public buildings alone there are 86, so it will be necessary to obtain site plans for about 68 buildings.

2. There is not a single building which I have erected but that site plans have been prepared and demarcation stones laid down and I am careful in seeing that all land acquired is at once demarcated. I expect that most of the site plans have been lost.

3. As regards the demarcation of land belonging to the canal, this work is being done in the Special Sub Division Office & is approaching completion.

(True copies)

Lieut. Col. R.E.

Supdg: Engineer, III Circle.
2-11-98.

18/8

Letter from A. H. Morin Esq. Exe: Engineer Cuddapah Division, No C 241 dated 19th August 1898 to the Supdg: Engineer, III Circle, Bellary.

With reference to Chief Engineer's Memo No 3157 C of 12-7-98 communicated with your endorsement No 1379 dated 16th July 1898, I have the honour to report that all the Government lands in this Division except that acquired for the Rest House at Nagaripad have been demarcated, plans of the same being maintained in the Divisional Office. A further report will be sent shortly regarding the demarcation of the land taken up for the Nagaripad Rest House.

2. As regards the life of a repair estimate I am of opinion that two working seasons would be a convenient limit.

Letter from A. H. Morin Esq. Executive Engineer Cuddapah Division No C 367 dated 30th August 1898 to the Supdg: Engineer, III Circle, Bellary.

In continuation of my letter No C/241 dated 19th August 1898, I have the honour to report that the land acquired for the Rest House at Nagaripad has since been demarcated.

(True copies)

Lieut. Col. R.E.

Supdg. Engineer, III Circle.
2—11—98

No. 2815 W

Superintending Engineer's Office,
3rd Circle.
Bellary 1st November 1898.

1898

From
Lt. Col. W. L. C. Baddeley R.E. Esq.,
SUPERINTENDING ENGINEER,
IIIrd CIRCLE,
BELLARY.

To
THE Chief Engineer
P. W. D.
Madras

3 Enclosures.

Sir,

In reference to your No. 3157 C of 12th July 1898, I have the honour to forward reports from the Bellary, Kurnool and Cuddapah Executive Engineers.

2. I do not propose to take any steps at present in the Bellary Division to supply the deficiencies in plans of Government lands.

3. In the Kurnool Division I will discuss the matter

personally with Mr. Johnston at an early date.

4. In the Cuddapah Dn nothing is required.

5. As regards the life of repair Estimates I am much opposed to fixing any time limit. I can see no real objection to an Estimate remaining open for many years. I strongly recommend that no change be made in the present procedure.

I have the honour to be,
Sir,
Your most Obedt. Servt.

Lt. Col. R.E.
Supg. Engineer
III Circle

31-10-97

7711

From
The Superintending Engineer,
IIIrd Circle,
Bellary.

To
The

Dated
Received 189

Enclosures.
No.
Subject.

Use

Please let me see the memo to
(1) which this is a reply

with regard to

A(?) After S.E.'s letter, please put
(2) up spare copies of printed memo of a few years ago directing Supdg. Engrs. to maintain registers of lands, & prescribing a form for such registers

[illegible]
16/9/98

Use see - Current [illegible]

S.a.w.

(1) Memo & 1 Compile Current linked herewith.
(2) Spare Copy of memo 3488 C 31-10-86 submitted herewith
[illegible] 16/9

57

Public Works (1898) Department.

CURRENT No. 7711

From The Suptg. Engineer 4th Circle.

Order

No. 494/W

Dated 13th September 1898

Received
Registered 16. 9. 98

Enclosures ✓

Spare copies ✓

SUBJECT.

Boundaries of Government land and repairs estimates.
Reporting on the demarcation of —

Compile
[illegible] 16/9/98

o L 5250 16/7 o 11/7/99 N 20/7

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

[illegible] 1-10 [illegible] Submitted herewith

No. 494/W 52 Superintending Engineer's
Office: IV Circle: 13th September 1898

From,

A. H. Garrett Esq.
Superintending Engineer
IV Circle.

To

The Chief Engineer
P. W. D.

Sir,

In reply to your memorandum No. 3157 C, of 17 July 98 I have the honour to make the following remarks.

2. (a) (1) The answers received from Executive Engineers show that no registers or plans of Government lands are maintained and in consequence the extent to which such land

BACK PAPERS.		FURTHER PAPERS.	
No.	Date.	No.	Date.

9-1-10-98 Submitted herewith
[illegible] 1/61

No. 494^52/W Superintending Engineer's Office: IV Circle: 13th September 1898

From,

A. H. Garrett Esq:
Superintending Engineer
IV Circle.

To

The Chief Engineer
P. W. D.

Sir,

In reply to your memorandum No. 3157 C, of 12th July 98 I have the honour to make the following remarks.

2. (a) (1) The answers received from Executive Engineers show that no registers or plans of Government lands are maintained and in consequence the extent to which such

land is demarcated cannot be given with any approach to accuracy.

(a) (2) The first thing to be done is to open registers in each Division showing what land belongs to Government and whether it is demarcated or not. I do not propose to include in such registers irrigation channels. The demarcation of these should be carried out by the Revenue Survey.

When however any land is taken up for a diversion it should be entered in the register and demarcated. In special cases it will be also advisable to demarcate roads and the Ooty Kullar road is about to be demarcated.

where

Where the land belonging to a Government building is enclosed by a pucka wall further its demarcation is I presume unnecessary. When such is not the case demarcation stones will be put down.

A commencement should be made in each Division by surveying and demarcating lands attached to head works and inspection bungalows and for this work the Anicut Superintendents are available. The survey of the land round other public buildings will have to proceed gradually but demarcation stones could be put down at once.

3. (b) Ordinary repair estimates should I think remain

in force for one year. In the case of special repair estimates a hard and fast rule would not answer, as much would depend on the nature of the work and the amount of funds available.

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

Superintending Engineer.
IV Circle.

N 12/9/98

Public Works (1899) Department.

CURRENT No. 2937

From The Supdg Engineer
5th Circle

Order

No. 219 W.

Dated 4th April 1899.
Received } 8.4.99
Registered }
Enclosures one
Spare copies

SUBJECT.

Demarcating Government lands.

Reporting the progress in — and requesting to sanction Special Establishment for the work —

Compile
Rv
11.4.99

9807

o L S. 250 B/7 11/7/99 20/7

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BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

(A) Demarcation of Government Lands.

(B). The Life of Repair Estimates.

—

The Executive Engineer, Chingleput, states that the Government lands in charge of his division are: —

(1) The lands connected with the Buckingham Canal.

These are completely demarcated and the plans are being completed with reference to the work connected with the proposal to hand over to the Revenue Dept. all lands that are not required now.

2/. The lands connected with the Cooum.

The demarcation of the Cooum is under correspondence with the Municipality.

3/. The lands connected with the Red Hills Irrigation System.

The boundaries of the Red Hills and Cholavaram Tanks have been demarcated. Steps will be taken to demarcate the supply channels.

4/. The lands connected with the Chembrambakkam Tank System.

The tank boundaries are demarcated, but the supply channel and the Road to the Rest-House are not demarcated.

5/. The lands connected with the Palar System (Kambakal Channel)

The Kambakal is demarcated but the stones have, it is stated, been put in private land. The matter is under correspondence with the

Revenue Department.

6/. The lands connected with Flood banks.

7/. The lands connected with all Government buildings.

It is believed that these are not demarcated. The Executive Engineer adds that it may be possible to complete deficiencies in time, but that if it is required to be done expeditiously, a Sub-Engineer and a Surveyor will be required for six months on special duty

B. Considers that a Repair Estimate should expire in three /3/ years' time from date of commencement

The Executive Engineer South Arcot forwards lists of plans of lands attached to Government buildings, which plans are recorded in his office

States that these do not represent all the Government lands attached to the buildings, and that although as a rule all Government compounds are enclosed with walls, fences or hedges, there is nothing in the plans to show whether such is the case or not.

With regard to Government lands other than those attached to buildings, there is no record to show to what extent they are demarcated — few if any of the old channels or irrigation works are demarcated except by the usual Survey department stones.

When new channels are excavated it is

usual to provide for demarcating the land, but with this exception, no special steps appear to have been taken.

If further details on the subject are required, detailed lists from S.D. Officers, which will take time and involve a good deal of work, will be called for —; is not sure if the Circular is intended to apply to all lands or only those connected with buildings and roads

B. Suggests that all annual maintenance Estimates should be closed on 31st March of the year to which they relate, and that the life of other repair estimates should be limited to three years.

The Executive Engineer, Tanjore, states that the lands belonging to Government attached to the bungalows at the Heads of Canals have been demarcate and that plans of them are kept in the said bungalows. —

that there are no plans in his office as far as his inspection has gone — does not think that any of the river banks have been properly demarcated — Sends copy of a circular issued to S.D. Officers in September 1895 requesting them to report what padugai and other lands are not demarcated, and issuing certain instructions on the subject, and states that this reference is still on the unanswered reference list, as it is not possible for the S.D. Officers to take up the work.

Adds that the work of demarcating all

Government lands and making plans, &c. will require a special establishment, which he thinks should be sanctioned.

B. Thinks that no repair estimate should remain open for more than (2) two years.

The Executive Engineer, Negapatam, states that all buildings and sites of important head-works in the Division have been demarcated – that the advisability of demarcating all poromboke padugais on ~~Canals~~ Canals and rivers is patent, but that there are innumerable difficulties in the way of getting this properly done, especially as the padugais are in most places held on putta, and there seems to be no near prospect of acquiring them in the interests of the Conservancy of the rivers in the district.

4/4/99
Colonel R.E.
Supg Engr V Circle

Ow.1
2937/98

SUPERINTENDING ENGINEER'S OFFICE,
V Circle, Madras,

No. 219 W.

Chepâk, 4/6 April 1899.

From
Colonel C. C. Rawson R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To
THE Chief Engineer
Public Works Department.

SIR,

× with cross [illegible] is complete

Enclosures. 1

With reference to your No. 3157 C dated 12th July 1898, I have the honour to forward an abstract of the reports received from the Executive Engineers of the Divisions in this Circle, from which it will be seen that all Government lands in their charge are not properly demarcated, and that plans of but few such lands are available.

2. The Executive Engineers are almost unanimous in considering that the work of demarcating all Government lands — it is inferred that lands attached to buildings and roads, and to all irrigation works as well are meant in the memo quoted — is beyond the capabilities of the ordinary staff to complete, and that special establishment for the purpose

is necessary.

3. I concur in this opinion and would recommend that special establishment be entertained accordingly — the Executive Engineers to submit detailed proposals of what maybe required.

4. With reference to the question of the life of repair estimates, the Executive Engineers of Chingleput and South Arcot think that it should be limited to three years — the Executive Engineer, Tanjore, thinks it should be two years. I consider that the 3-year limit should be adopted.

I have the honour to be,
Sir,
Your Most Obedt. Servant

4/4/99
Colonel R.E.
Supg. Engineer V Circle

Public Works (1898) Department.

CURRENT No. 9807

Order

From The Superintdg. Engineer
V. Circle

No. 1925. T.C.

Dated 24th November 1898
Received 28-11-98
Enclosures
Spare copies

SUBJECT.

Demarcation of the boundaries of Govt. lands in Charge of P.W.D. Reports on the

Compile
ALK
20-11-98
DW

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0 L S 250 12/7 11/7/99 R20/7

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 3212C

64

No. 1923.T.C.

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE,

Trichinopoly, 24th November 1898. D/25

From
Lt.Col. O. V. Boddy R.E.
~~The~~ Sperintending Engineer,
6th Circle.

To

The Chief Engineer,
P. W. D.

SIR,

ENCLOSURES.

With reference to your Memorandum No: 3157C d/12 July 1898, I have the honor to report as follows:—

(a) Demarcation of the boundaries of Government lands in charge of the Department.—

(1) Trichinopoly Division — There are 96 public buildings borne in the register of buildings maintained for this division, of which lands for 48 buildings have been demarcated and plans for 22 buildings maintained in the division office, the plans for the other buildings being reported not available. Steps will be taken to demarcate the remaining buildings and to prepare fresh plans for those that are missing

200—20.4.96

No. 3212

67

(2) Tinnevelly Division. — Boundaries of all Government lands belonging to public buildings borne in the register of buildings have been demarcated & plans maintained, except 8 Police Stations and 17 Lascar and Shutter sheds. Site plans for the Police stations have been called for and steps taken to demarcate the lands.

The Executive Engineer considered that the demarcation of lands of lascar and shutter sheds was unnecessary as these buildings have been built on channel and tank banks. Site plans will however now be called for by the Executive Engineer and the lands demarcated wherever found necessary.

(3) Madura Division — No report has yet been received from the Executive Engineer, reminders have been sent to him and as soon as his reply is received, a further report will be submitted.

(4) It is presumed that your Memorandum under reply has nothing to do with the demarcation of Irrigation

66

works.

(b) I would propose that sanction to a repair estimate should remain in force till the close of the 3rd official year after the estimate was sanctioned. The life of a repair estimate would thus be between 2 and 3 years.

I have the honor to be
Sir,
Your most obedt. Servant.

J. T. Boddly Lt.Col. R.E.
Superintending Engineer
VI Circle

24/11/93

P. W. D. 6th CIRCLE.

FROM
THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

TO
THE CHIEF ENGINEER.

NO.

Dated.
Received. } 189 .

Enclosure.

No. 3212

67

Public Works (1899) Department.

CURRENT No. 4444

From
The Supg Engineer
VI Circle

Order

No. 822 I.D.

Dated 1 June 1899.
Received
Registered } 5. 6. 99
Enclosures
Spare copies.

SUBJECT.

Demarcation of the boundaries of Government lands in the Madura Dt — Reporting on the progress that has been made in the —

o L S 250

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BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 3212

From A. Joyce Esquire, Executive Engineer, Madura Division, to the Superintending Engineer, V Circle, No: 126 S.E. dated 27 May 1899. ——

In continuation of this office No: 447 S.E. dated 21 October 1898, I have the honor to inform you that the boundaries of all the Government lands on which the Public Buildings in charge of this department, are built, are being demarcated where necessary and a correct plan of each of the compound is being prepared for reference and record in the Division office.

2. The Executive Engineer, Periyar Division informs me that all lands acquired except 1st Branch channel and incompleted channels have been demarcated.

out:

No: 822 M.D. D/ 1 June 1

D/.

Copy submitted to th

Engineer, P.W.D., for information in continuation of this office letter No: 1925 T.C. dated 24' November 1898.

O. V. [illegible] Lt. Col. R.E.
Superintending Engineer
VI Circle

Public Works (1898) Department.

CURRENT No. 7967

Order

From

The Consulting Architect
to the Government
of Madras

No. 1987

Dated 23d September 1898
Received
Registered } 26. 9. 98
Enclosures
Spare copies

SUBJECT.

Stating that a reference has been made to the Survey Deptt: regarding the demarcation of the boundaries of Govt: land &c.

Combile on 23/9/98

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26/7

R 20/7.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 3212

71

No. 1987 Dy. 23rd September 1898.

To Dy: W.

Has the honour to state that a reply to a reference made to the Survey Dept: is awaited, on receipt of which the matter will be disposed of.

Geo Lewis
Consg Archt to Govt
23/9/98

REMINDER.

No. 3157C/1

Government of Madras,
PUBLIC WORKS DEPARTMENT.

To

The Consulting Architect to Govt

Madras, 22-9-1898

THE undersigned has the honour to invite attention to the {~~Order~~ Memo.} noted on the margin, and to request the favour of an early reply.

No. 3157C dated 12-7-98 regarding the demarkation of the boundaries of Govt lands &c

, with cuo 6094/98 (compile)

A. Kennell
by. chief Engineer
~~Under Secretary to Government, P.W.D.~~

Cn

[P. W. 6. 800—12-7-98.]

6094

No. 3212C

76

Public Works (1898) Department.

CURRENT No. 8113

Order

From
The Consulting Architect to the Government of Madras

No. 2052

Dated 28th September 1898
Received } 29. 9. 98
Registered }
Enclosures
Spare copies

SUBJECT.

Reporting that all Govt lands within the Municipal limits of the city of Madras have been regularly demarcated & also stating that the life of a repair Estate should be closed in the year following that

Compile
Cn 30-9-98

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BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 3212 C

76

A/1 500-11-6-97.

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Office of the Consulting Architect to Govt
Chepauk, Madras,
28th September 1898.

No. 2052

From
G. S. T. Harris, Esq.,
Consulting Architect
to the Government of Madras,

To
The Chief Engineer
Public Works Department

Sir,

Enclosures.

In reply to clause (a) of your Memo: No. 3157 C dated the 12th July 1898, I have the honour to report that all Government land within the Municipal limits of the city of Madras have been regularly demarcated by the Madras Survey Department by stones placed at intervals along the boundaries, except where masonry walls or sites of houses already define the limits. Government House Park Guindy is also properly demarcated. The grounds attached to the Engine house to pump water to Government House Guindy as well as the ground

75

the Teachers & Agricultural College are not demarcated as yet.

With reference to clause (b) I beg to state that in this Division repair Estimates are usually completed in the same year they are sanctioned, unless the requisition is received very late in the official year. The life of a repair Estimate, I consider, should be closed in the year following that in which it was sanctioned.

I have the honour to be
Sir
Your most obedient Servant
H. Irwin
Consulting Architect
to Government

No. 3212

76

Government of Madras

P. W. DEPARTMENT.

~~Madras,~~ Ooty 21 July 1899.

OFFICE NOTE.

From
W.

To
E. I.

It is proposed to issue general orders regarding the demarkation of all lands in charge of this Deptt. and the maintenance of plans and registers of them in every Dn. office. With regard to Irrigation Works, the latest orders appear in Circular Memo No. 21-G. d/17-4-94 where it is directed that all Govt. lands shall be demarcated whether already defined by the Rev: Survey or not. It is believed that very little has been done towards demarcating existing works and that Executive Engineers will not

21/7/99

Note
There is an [illegible]
[illegible] file

P. W. 48.
500 24.3-98.

INDEXED

22/7

find time to do so in the future even if funds were forthcoming for the work.

It is considered sufficient to demarcate only those lands which are not demarcated by the Rev: Survey & shown in the Survey maps and the following rules are proposed.

Note. Irrigⁿ file issued 29
returned 24/7/99

(1) In the case of lands whose boundaries are shown in Rev: Survey map no plans or registers need be maintained by the Deptt.

(2) Lands whose boundaries are not so shown should be demarcated as soon as practicable and plans and registers for them should be prepared for record in the Dn office.

(3) For all lands acquired in future provision should be made in the Estimate for

(a) In the case of buildings marking the boundary with a fence.

(b) In the case of irrigation works, roads &c marking the boundary ~~of~~ by demarkation stones. In both cases plans should be filed in the Dn office and particulars entered in the land register

(Sd) H.E.C.
17/7/9

(Sd) W.B.deW.
18/7/99

20