

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	2482-83	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	2-9-1874	195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
2nd September 1874.*

Read the following papers:—

No. 32.	From the District Engineer, Godavery, dated 29th May 1874, No. 652.
No. 33.	From do. Kistna, „ 22nd June „
No. 34.	From do. do. „ 22nd do. „

Proceedings of the Madras Government, Public Works Department,
2nd September 1874.

Statement showing the Mileage of Sanctioned Estimates for, and Outlay on Rajbhas in the Godavery and Kistna Districts during 1873-74.										
Canal.	Length of Canal in Miles.	MILES OF RAJBHAS AT END OF OFFICIAL YEAR.		TOTAL OUTLAY ON RAJBHAS HAS TO END OF OFFICIAL YEAR.	TOTAL AMOUNT OF SANCTIONED ESTIMATES.		AVERAGE OUTLAY ON RAJBHAS PER MILE OF MAIN LINE OF CANAL.		Remarks.	
		Completed.	In progress.		On Rajbhas completed.	On Rajbhas in progress.	Completed Rajbhas.	Rajbhas in progress.		
GODAVERY DISTRICT.										
Range No. I.										
Samsicottah Canal with Junction Canal.	37	12½	23½	36	6,962	6,962	28,117	188	Total. 188	* Includes outlay on Regulating works and dividing dams. † Outlay on Minor masonry works.
Cocanada Canal	33	93½	11	95	44,876	10,835	51,062	1,402	340	
Mundapettah do.	13	69½	...	69½	30,047	† 815	29,916	2,314	24	
Bank do.	20	66½	...	66½	21,963	...	20,845	733	...	
Coringa do.	23	90½	...	90½	25,391	† 887	24,623	1,104	16	
Injeram do.	10	24½	...	24½	4,293	...	3,673	429	...	
Range No. II.										
Central Delta Main Canal	8	...	...	...	66,592	...	66,592	2,378	...	
Gannarum or West Bank Canal	23	162	...	162	34,920	...	34,920	1,447	...	
Ammapoor Canal	23	113	...	113	21,089	...	21,089	602	...	
Bedamoorlacka Canal	35	62	...	62	21,089	...	21,089	602	...	
East Bank Canal	...	...	...	...	...	...	...	...	...	See Statement embodied in G. O. No. 93, dated 13th January 1866
Range No. III.										
Western Delta	...	...	...	...	26,752	...	...	...	...	
Main Canal (from Head-works to Chetipet)	6	10½	...	10½	2,612	...	2,612	435	...	
Nursapur Canal including Kakara-purra and Kogatur Canals.	41½	247	26	273	74,502	6,557	81,059	1,795	153	
Bank Canal	24½	76	8	94	22,569	...	6,175	30,376	...	
Muthamala	21	10	No earth-work provided for only masonry works.	53	1,632	...	1,632	653	...	
Godanuddy and Velpur	29	52	...	52	17,344	...	8,060	25,404	...	
KISTNA DISTRICT.										
Range No. I.										
Bank Canal	24½	76	8	94	22,569	...	6,175	30,376	...	
Muthamala	21	10	No earth-work provided for only masonry works.	53	1,632	...	1,632	653	...	
Godanuddy and Velpur	29	52	...	52	17,344	...	8,060	25,404	...	

See Statement embodied in G. O., No. 93, dated 13th January 1869.

Note.—In this are included "Bhupiah, Rapaka, Chinchinada, and Junior" channels which appear in Statement embodied in G. O., No. 93, dated 13th January 1869, as separate main canals, but are really only comparatively small irrigation branches, Rajbhas of Nursapur Canal.

Note.—The Velpur is now a branch of the Bhupiah which is from Nursapur Canal, but under new arrangements the Velpur becomes a branch of Godanuddy.

Proceedings of the Madras Government, Public Works Department,
2nd September 1874.

Ellore Canal	40½	73	30,579	69,870	1,00,449	30,579	1,17,790	1,48,369	755	1,725	2,480	2,480	Mid and low level channels which are merely irrigation branches of Ellore Canal included and treated as Rajbhas.
Venkiab, Weyairu and Akked Canal	31½	11	37,851	657	38,508	37,851	10,400	48,311	1,201	21	1,222	1,222	Note.—In this are included Chinikavaram Channel and Rudroy-codu which appear in Statement embodied in G. O., No. 93, dated 13th January 1869, as separate main canals, but are, the former an irrigation branch (Rajbhas) of Venkiab, and the latter is now the Akked Canal.
Undi Canal	20	27	12,001	506	12,507	12,001	25,340	37,341	600	25	625	625	
Attily do.	20	86	19,743	2,886	22,629	19,743	19,300	39,043	987	144	1,131	1,131	
KISTNA DISTRICT.													
EASTERN DELTA.													
Ellore Branch.	39	29	2,91	...	2,191	...	...	...	...	...	...	...	
Ellore Canal Proper	29	29	10,084	...	10,084	...	...	...	...	...	...	...	
Budenair	...	...	...	...	...	...	...	...	...	...	...	...	
Masulipatam Canal.	49	30	34,266	...	34,266	...	...	...	...	...	...	...	
Masulipatam Canal Proper	30	...	433	...	433	...	...	...	...	...	...	...	
West Side Channel	...	...	...	...	...	...	...	...	...	...	...	...	
Pullairu Branch.	17	10	6,143	131	6,274	947	5,105	6,052	361	8	369	369	
Ryres' Channel	20	21½	7,321	...	7,321	...	...	...	...	...	...	...	
Gadivada Branch	26	21½	18,328	1,288	19,616	...	5,000	5,000	705	11	716	716	
Pullair Proper	...	...	...	...	...	...	...	...	...	...	...	...	
East Side Channel	10	43	351	...	351	...	...	...	...	...	...	...	
Butlerkodu	6	...	...	...	...	...	...	...	...	...	...	...	
Buntumilly Channel	22	21½	10,269	126	10,395	...	255	255	604	7	611	611	
Polazkodu	17	30½	176	...	176	...	...	...	...	...	...	...	
Kaldindy Channel	22	...	...	...	...	...	...	...	...	...	...	...	
WESTERN DELTA.													
Nizamapatam Canal.	42	25	35,514	...	35,514	197	...	197	845	...	845	845	
Nizamapatam Canal Proper	25	25	2,163	...	2,163	872	50	922	86	1	87	87	
East Side Channel	...	...	1,466	...	1,466	36	220	256	59	...	58	58	
West Side do.	...	...	...	...	...	...	...	...	...	...	...	...	
Western Bank Channel.	46	24½	21,466	573	22,039	2,275	765	3,040	467	13	479	479	
Western Bank Channel Proper	10	22½	6,190	35	6,225	556	220	776	619	3	622	622	
Vellitar	13	...	...	...	...	...	...	...	...	...	...	...	
Jakapilly	...	...	...	...	...	...	...	...	...	...	...	...	
Commamoor Channel.	50	80	36,978	59	37,037	689	70	759	739	1	740	740	
Commamoor Canal Proper	12	15½	6,950	35½	6,950	694	46,420	47,114	579	3,258	3,837	3,837	
Toongabudra	...	...	...	...	...	...	...	...	...	...	...	...	

* The lengths of Distribution channels are not accurately given and cannot be determined properly until the drainage is altogether separated from irrigation.

† The figures in this column do not include the amount of estimates of works completed before 1871-72 as it cannot be ascertained.

‡ 243 Rupees recovery.

(Signed) A. DE C. SCOTT, Major, R.E.,
For Chief Engineer for Irrigation.

FORT ST. GEORGE,
31st July 1874.

*Proceedings of the Madras Government, Public Works Department,
2nd September 1874.*

No. 35. ORDER THEREON, 2nd September 1874, No. 2,482.

IRRIGATION, No. 6.

Account.

ORDERED that this Statement be forwarded for the information of the Government of India, with reference to their Circular, No. 77, dated 23rd December 1871.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 36. (DOCKET, No. 2,483, dated 2nd September 1874.)
Copy of the above forwarded to the Government of India.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

5
Chs 6/1027/74

Statement showing the mileage of sanctioned Estimates for and outlay on Rajabukas in No 3 or Western Delta Range Godavery District, up to the Official year 1873/74.

No.	Main Canal	Length of Canal in Miles as sanctioned	Miles of Rajabukas at end of Official year/estimate up to Official year 1873/74				Total amount of sanctioned Estimates				Average outlay on Rajabukas for main line of Canal				Remarks
			Completed	In progress	Total	On Rajabukas that have been completed	On Rajabukas in progress	Total	For Rajabukas in progress that have been sanctioned in Project	Total	Completed	Rajabukas	In progress	Total	
1	Western Delta	"	"	"	"	26752	"	26752	"	"	"	"	"	"	See statement embodied in G.O. No 93 dated 13 January 1879
2	Main Canal from Head	6	10 1/2	"	10 1/2	2612	"	2612	2612	"	2612	435	"	435	Note. In this are included Bhupiah, Rapaka, Chinichada and Jimira Channels which appear in statement embodied in G.O. No 93 dated 13/1/79 as separate main canals but are really only comparatively small irrigation branches, Rajabukas of Narsapur Canal.
3	Divide to Ch. H. Pett	"	"	"	"	"	"	"	"	"	"	"	"	"	
4	Narsapur including N. Karapurra and Mogal. from Canal	4 1/2	24 1/2	26	27 1/2	74502	6337	81039	74502	29770	104272	1775	158	1953	
5	Bank Canal	24 1/2	76	8	9 1/2	22569	"	22569	22569	6175	303761	921	"	921	Note. The Dalpin is now a branch of the Bhupiah which is from Narsapur Canal but under new arrangements to be Dalpin becomes a branch of Godavari.
6	Muchimala	2 1/2	10			1632	"	1632	1632			653	"	653	
7	Godavari and Melpore	29	52 1/2	"	52 1/2	17344	"	17344	17344	8060	25404	575	"	575	Note. The Dalpin is now a branch of the Bhupiah which is from Narsapur Canal but under new arrangements to be Dalpin becomes a branch of Godavari.
8	Ellone Canal	40 1/2	"	73	73	30579	69870	100460	30579	117790	148369	755	1725	2480	
9	Tentak and N. Karapurra and M. Karapurra	3 1/2	29	"	40	37351	657	38008	37351	10460	48311	1201	21	1222	Note. In this are included Chinacapuram, Chinichada and Jimira Channels which appear in statement embodied in G.O. No 93 dated 13/1/79 as separate main canals but are the former an irrigation branch, Rajabukas of Chinichada and the latter is now the M. Karapurra Canal.
10	Unsi Canal	20	72	27	99	12011	508	12507	12001	25340	37341	600	25	625	
11	M. Karapurra Canal	20	86	10	96	19743	2886	22629	19743	19300	39043	987	144	1131	

No 3 Range Office J.D. 29 April 1874.

1 True Copy

L. Bentley Major R.E.
District Engineer Godavery

1 Signed J. R. F. Dorward Lieut. R.E.
Asst. Engineer in charge No 3 Range J.D.

Year 1873-74.

Remarks

1. Thos. B. 1
 Assigned J. H. H. Ellis
 and Eugene H. O. O. O. O.

8. $\frac{7.5163}{4} / 711$

L. B. A. 21482
 22 Sep 1974

17

Handwritten notes:

1. The first part of the paper is blank.

2. The second part contains a list of names and dates.

3. The third part contains a list of names and dates.

4. The fourth part contains a list of names and dates.

5. The fifth part contains a list of names and dates.

6. The sixth part contains a list of names and dates.

7. The seventh part contains a list of names and dates.

8. The eighth part contains a list of names and dates.

9. The ninth part contains a list of names and dates.

10. The tenth part contains a list of names and dates.

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02/10/27/74

P. 4. $\frac{5163}{3} / 74$

4. 6. 2482
23 Sept 1941

1. The first part of the document is a list of names, including "John", "Mary", "James", "Elizabeth", "Thomas", "Sarah", "Michael", "David", "William", "Richard", "Robert", "Henry", "George", "Charles", "Edward", "John", "Mary", "James", "Elizabeth", "Thomas", "Sarah", "Michael", "David", "William", "Richard", "Robert", "Henry", "George", "Charles", "Edward".

Statement showing the mileage of navigable Canals in the District as called for in Acting Engineer for Irrigation Memorandum no 34 of 20 March 1892.

Present Proposed Number Number Length Length of Canal of miles miles in Canal in miles in miles in miles - present

Remarks.

Eastern Delta						
Elone Canal	39	39	"	39		Navigable with difficulty, course very tortuous.
Budamerin	40	40	"	40		12 miles under improvement under
Brachydam Canal	49	49	12	37		G. O. No 3099 dated 27 October 1887.

Polkaviso between Meyoor & Constream	17	17		17		
Bantunally Channel	22	22	"	22		Long stone dams to raise the water for irrigation, having been thrown down the Canal boats cannot pass without reworking.

Polkaviso Canal	17	27		27		No lock at head, boats can easily go down through one arch of the head sluice, but it is a matter of difficulty to have the sluice opened the stream.
-----------------	----	----	--	----	--	---

Western Delta						
Nigamphatam Canal	42	42	12	30		12 miles under improvement under G. O. No 2382 dated 26 December 1887.
Western Bank Channel	21	46	"	21		21 miles navigable to Hotteloor
Commonore Channel	50	56	"	50		Easily navigable to Chelkote, a distance of 13 miles, below that in consequence of there being 2 dams, only boats of light draught - no considerable width can use the Canal. 1st Class Range boats can go without difficulty to the end of Canal at Chelkote.

of these being 2 dams, only boats of light draught - no considerable width can use the Canal. 1st Class Range boats can go without difficulty to the end of Canal at Chelkote.

Resident District Engineer's Office
 Secy to the District Engineer
 22 June 1894 -
 J. A. Allen
 Major M. G.
 District Engineer's Office

No 652 District Engineer's Office Godavary
Dowlaisbura 29th May 1874

To
23

Major J. Beatty R. E.
District Engineer Godavary

To

Mr. C. J. Mullins R. E.
Chief Engineer for Irrigation
Madras

Enclosed

Sir,

I have the honor to forward
herewith 6 copies of the statements showing
the mileage of sanctioned Estimates for
and outlay on, Rajabuzar, and the mileage
of the navigable canals in the three deltas
for the year 1873-74.

I have the honor to be
Sir

Your Most Obedt Servt
J. Beatty Major R. E.
District Engineer Godavary

No 652 District Engineer's Office Godavary

To

Mr. C. J. Mullins R. E.
Chief Engineer for Irrigation
Madras

Enclosed
The Chief Engineer
to Irrigation

Dated 22nd June 1874.
Recd 29th May 74

Statement showing the
mileage of navigable
canals in the Krishna
District

D. W. 5163/74
5/74



27

Read the following papers:-

From the District Engineer Godavery 729 May 1874 No 652
 do do do Krishna 722 June
 do do do do 722 do

[Faint handwritten notes and signatures in the right margin]

to Genl. 11429. 1253509
 3rd Aug 1874.

[Faint handwritten notes]
 No 1027.

The District Engineer
 Godavery

Mr. L. B. Evans
 for Disinfection
 Madras

Dated 29th May 1874
 Received 4th June - a-

No 652.
 Encl. 1/2
 Subj. 1/2

Forwarding the
 most statements
 of navigable canals
 and Bay bridges

Ch 232
 to Mr. 11429. 1253509
 30-2482x248312-9-74

No. 553C
Statement showing the mileage of sanctioned estimates for and outlay on Rajahmundry in the Godavary and Krishna districts during 1913-14

Canal	Mileage of Rajahmundry and Krishna districts during 1913-14				at end of Official Report but of sanctioned estimates				Official year estimates				Mileage of Rajahmundry and Krishna districts during 1913-14			
	Length of canal in miles	Complete	In progress	Total	Complete	In progress	Total	Complete	In progress	Total	Complete	In progress	Total	Complete	In progress	Total
<u>Godavary District</u>																
<u>Samulcottah Canal with junction Canal</u>	37	1 1/2	2 1/2	3 1/2	6962	6962	13824	6962	6962	13824	6962	6962	13824	6962	6962	13824
Locanada do	32	9 3/4	1 1/2	95	44876	10885	55761	44876	10885	55761	44876	10885	55761	44876	10885	55761
Mundpettah do	13	6 1/2	0	6 1/2	30084	315	30402	29916	29916	29916	29916	29916	29916	29916	29916	29916
Wauk do	30	6 1/2	0	6 1/2	21963	0	21963	20845	20845	20845	20845	20845	20845	20845	20845	20845
Loringa do	25	9 1/2	0	9 1/2	25391	387	25778	24623	24623	24623	24623	24623	24623	24623	24623	24623
Cheruvu do	10	2 1/4	0	2 1/4	4293	0	4293	3673	3673	3673	3673	3673	3673	3673	3673	3673
<u>Paypur No II</u>																
Guntur delta main canal	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guntur main West Bank do	28	16 1/2	0	16 1/2	66592	66592	133184	66592	66592	133184	66592	66592	133184	66592	66592	133184

Amalapuram do	28	11 1/2	0	11 1/2	34920	34920	69840	34920	34920	69840	34920	34920	69840	34920	34920	69840
Chandamam do	35	4 1/2	0	4 1/2	21089	21089	42178	21089	21089	42178	21089	21089	42178	21089	21089	42178
<u>Paypur No III</u>																
West Bank do	28	16 1/2	0	16 1/2	66592	66592	133184	66592	66592	133184	66592	66592	133184	66592	66592	133184
Main Canal from Head	28	11 1/2	0	11 1/2	34920	34920	69840	34920	34920	69840	34920	34920	69840	34920	34920	69840
Sluice to Chittoor do	28	11 1/2	0	11 1/2	34920	34920	69840	34920	34920	69840	34920	34920	69840	34920	34920	69840
Chittoor Canal do	28	11 1/2	0	11 1/2	34920	34920	69840	34920	34920	69840	34920	34920	69840	34920	34920	69840
Chittoor main do	28	11 1/2	0	11 1/2	34920	34920	69840	34920	34920	69840	34920	34920	69840	34920	34920	69840
Chittoor main West Bank do	28	16 1/2	0	16 1/2	66592	66592	133184	66592	66592	133184	66592	66592	133184	66592	66592	133184

Notes: In this statement the figures are given in thousands of rupees. The figures in the column headed 'Total' are the sum of the figures in the columns headed 'Complete' and 'In progress'. The figures in the column headed 'Total' are the sum of the figures in the columns headed 'Complete' and 'In progress'. The figures in the column headed 'Total' are the sum of the figures in the columns headed 'Complete' and 'In progress'.

Lockman & Co.

29 52

[illegible]

1590s Nat. - The Vellum is now a
branch of the Rhineish river
1500 from the Rhineish river Canal,
but under new arrangement
the Vellum becomes a branch
of the Rhineish river.

Ellen Canal

of East Angles
1725 2480 Mice and Toward Channel
which are nearly impenetrable
branches of Elbow and
are collected and treated
at Rajahmundry.

Deborah, Meyer and
Abraham Casals

Chimikopavaram Chanda
and Putroycondemback
appear in statement em-
-bodied in G. O. No 93 of 13-
January 1869 and separate
main girls but are the
former an migration

branch Rajchud of
Nunkiah and the latter
is now the Akool Land.

Handi - Canada - 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

Exchero Delle

Collins Branch
Collins Branch Property

② The lengths of Puckelation
 56 channels are not accurately
 547 given and cannot be
 determined properly until

the drainage is also then
separated from irrigation,
* of
The figures in this column
do not include the amount

Masculipat am sand.

Massachusetts of paper 49 } 26
West side Channel. 30 }

100-443887-100

Pullam Branch

1	20	10	50	643	131	657	947	5705	652	261	8	269
2	20	21 1/2	21 1/2	7321	7321	7321	"	"	"	366	261	366
3	26	45 1/2	2	47 1/2	18328	288	18616	500	870	705	11	716
4	10	"	"	80	"	30	"	"	"	3	"	3
5	6	43	"	43	357	"	357	"	"	58	"	58
6	22	"	"	"	"	"	"	"	"	"	"	"
7	17	2 1/2	"	2 1/2	1026	126	1095	255	255	604	7	611
8	22	30 1/2	"	30 1/2	176	"	176	"	"	8	"	8
<u>Western Delta</u>												
9	25	76 1/2	1/4	76 1/2	29	29	29	288	288	288	1	288
10	25	"	"	"	"	"	"	1471	1471	220	258	58
11	46	24 1/2	"	24 1/2	2166	573	2209	2275	765	3040	167	12
12	10	22 1/2	"	22 1/2	6190	35	6225	556	220	776	619	3
13	13	"	"	"	"	"	"	"	"	"	"	"
<u>Commamoor Channel</u>												
14	50	80	"	80	3658	57	3703	689	70	451	739	1
15	12	15 1/2	20	35 1/2	650	8102	16052	694	16220	4714	576	325

Start of Engraving
27 July 1874
Camp

Mr. — Chief Engineer for Irrigation
Madras State

Irrigation Accounts

2487
Order thereon
Ordered that this
Statement be forwarded
for the information of
the Government of India
with reference to their
Circular No. 77 dated 23rd

J. H. Ch. Inquinto Inspr. (December 1871)
1. Copies sent 27/9/74.

Socket No. 2083
Copy of the above forwarded
to the Govt. of India —
12/9/74

Am.

5163

Govt. of 1874 Madras.

PUBLIC WORKS.

To

The C. Engineer.

Secy. to Govt. of Madras.

Dated

Recd.

Encl.

G. O. 2482
1874. No. 2482.

No. 12-36

Rajbu has

Statement of mileage
mentioned estimates
and outlay on
bullock in the
way and District
to during 1873/74.
to be forwarded
to Secy of India -

P. W. 1874 Department

80-5163

From

The Chief Engineer
for District

Dated 31st July
Received 17th August } 1874

Encl. 6.

80-5163

No. 2482. 2-9-74.
Statement of
of sanctioned
rates for & outlay
Rajbuhas in the
District of District
during 1873-74

State Order