

Public Works (1896) Department.

RAILWAY BRANCH.

G.O., No. 184-85R

DATED 26th

[Despatch Abstract.]

Inspection Report. — The — of the Madras Railway for the half-year ended the 30th June 1895, Communicated to the agent & manager for information & necessary action and a copy of the Pros: ordered to be forwarded to the Govt of India.

Forwarding Pros: on the — of the Madras Railway for the half-year ended the 30th June 1896

[illegible]

G.O.	No.	Department.	Date.

G.O.	No.	Department.	Date.

⁵ We can however open a temporary station and "fill it" as we wish.

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our own fence and this we propose to do at once if you will kindly convey your sanction.

6. The Mysore Reefs mine commences to crush its quartz and return gold in July next and the South east Mysore mine I am officially informed in September next and the Manager of the mines is anxious to get up from Madras large supplies of steam coal.

7. The usual estimate forms &c are submitted herewith. The name of the proposed station will be Bisanattam.

I have the honour to be,
Sir,

Your most obedient servant,

Lewis. S. M. V. S.

Agent & Manager.

(1 estimate
& 1 plan)

Sanction as requested

Free

26
6 94

2777

No 375.P. dated 29th June 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Agent-
Manager Madras Railway } H.E. No. $\frac{8241}{496}$ of 23rd June 1894

The opening of a
station at the $\frac{163}{12}$ mile,
Bangalore Branch, Madras
Railway, is sanctioned.

2. The Resident in
Mysore will be requested,
in the Political Depart-
ment, to furnish the
correct spelling of the
proposed name "Bisanatam"
both in English and in
the vernacular.

27 Mysore Branch }
- E. B. R. }
- Political Dept. } 29/6/94

True

R

MADRAS RAILWAY.

From

The Agent and Manager.

To

The Consulting Engineer

for Railways.

Dated

188

Recd.

No.

Mis. R. for July 1894

P. W. D.

No.

MEMORANDUM of Papers removed from
the Records of the Madras Government for
reference.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	1019	R	16-7-90				
	72-3	R	29-1-94				
	87	R	10-2-94				
	155	R	12-3-94				
	226	R	11-4-94				
	286	R	5-5-94				

FURTHER PAPERS.

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

Enclosure No. 1 to Railway Circular No. 6 of 1890.

No. 71, dated Camp Sata, 14 miles South-South-West of Jeysalmir, the 14th February 1890.

From—The Engineer-in-Chief, Bikanir Desert Railway Survey,

To—The Director General of Railways.

1. I have the honour to report the following progress on the surveys for the month of January 1890.

2. *No. 1 Party, Delhi westwards.*—No. 1 Party under Mr. S. Brounger have reached mile 173, west of Delbi, having surveyed and levelled in detail during the month from 6 to 173 miles, equal to 111 miles, or at the mean rate of 3.6 miles daily. The route passed following towns: Surajgurh 94 mile, Chirawn 102, Bagur 110, Jhunjhun 117, Mundawa 134, Futehpur 146.

The spill waters of the Kautli Nala were crossed at 107 mile, and require approximately 1,500 lineal feet of water-way with 12 feet head-way. No sand hills basins have been crossed until the 168 mile: an improvement on last year's route which met them at mile 120.

3. *No. 2 Party from near Umarkot north-eastwards.*—No. 2 Party under Mr. L. Michel commenced the survey on 1st January at Sufi Fakir, 14 miles west of Umarkot. The progress up to 31st of January is 50 miles over a severely undulating country for 30 miles; following the valleys of the sand hills in a north-east direction. The Mungtor summit, 200 feet high, had to be reached at 20 mile before these valleys were entered. Mr. Michel's movements are greatly hampered by his having to lead out his water for 24 miles, and also to carry rations for nearly 100 men, as no large villages are met with for a length of 60 miles.

3. I was able to help his party by making arrangements with Mr. Watson, Assistant Commissioner of Umarkot, to whom my thanks are due.

4. Out of the 550 miles of survey it will be seen 223 miles have been completed, leaving a balance of 327 miles to carry out.

5. Plans and longitudinal sections have been plotted to within 15 miles of end of surveys of both parties.

Enclosure No. 3 to Railway Circular No. 6 of 1890.

ALTERNATIVE FORM.
Progress report of the East Coast Railway Survey for March 1890.

Item No.	Division.	Length in miles.	Superior staff employed on Division.	Located.	Pegged.	Levelled.	Check Levelled.	Land plans.	Bench marks and level spotting.	REMARKS.
1	Ellore Division— Bezvada to Samulcotta	* 112.2	Mr. Baxter, " Mason, " Tayler, Executive Engineer... " " " " " " " "	112.2	112.2	112.2	112.2	112.2	112.2	* Not including the Godavary River.
2	Tuni Division— Samulcotta to Junction of Gopalapatam 89 Cocanada Branch 8—	97	Mr. Moore, " Bell, " Howard, Executive Engineer... " " " " " " " "	97	96	94	94	96	94	
3	Vizianagram Division— Vizianagram to Thaleru ...	98	Mr. Gahan, Lt. Waghorn, R.E., Assistant Executive Engineer... " " " " " " " "	95	80	85.75	5.75	80	80	
4	Chicacole Division— Thaleru to Ganjam ...	93.75	Mr. Oldham, Lt. Kincaid, R.E., Assistant Executive Engineer... " " " " " " " "	93.75	93.75	92.75	92.75	83	93.75	
5	Chilka Lake Division— Ganjam to Cuttack ...	105	Mr. Clift, " Bewley, " Montresor, " Berkley, Executive Engineer... Assistant " " " " " " " "	105	91	86	84	70	84	
	TOTAL	505.95		502.95	472.95	470.70	388.70	441.2	463.95	

Enclosure No. 4 to Railway Circular No. 6 of 1890.

MU. VALLEY STATE RAILWAY.

Narrative Progress Report of work done to end of January 1890.

First Division—0 to 45 miles.

Staff.	Mr. Beeston	...	...	...	Executive Engineer.	
	" Berrill	...	...	...	Assistant	(Honorary).
	" Faulkner	...	...	...	Assistant	"
	Lieut. Scudamore	...	...	...	Assistant	"

SURVEY.

It was found on closer investigation that the preliminary survey of the Myohoung Branch was not in sufficient detail to locate the line by, and as much of the country was thickly studded with pagodas, is densely populated, and the high ground practically but a neck for a considerable portion of it, it became necessary to have a proper survey made. The want of staff much retarded the work, but it has now been finished, the line located, and the plans and sections are under preparation.

About three miles from Sagaing shore northwards had also to be realigned, to get a line suitable for the river traffic. This has been done, plans and sections completed, and work is in progress.

EARTHWORK.

Was started on 1st December 1889. From the Sagaing shore to Obo (about 3 miles) about half done; about 5 miles (that is to mile 7) beyond Obo practically finished; from mile 7 to 10, about one-sixth done; and work has been started in 19th mile; 26 miles jungle clearing and service road done.

STAFF QUARTERS.

Sagaing (Obo).—Quarters for an Assistant Engineer and Upper Subordinate finished; 4 officers' quarters in hand, timber being collected.

Padoo.—One Upper Subordinate's quarters in progress. All timber at site.

Pauktan.—An Assistant Engineer's quarters in progress. All timber at site. Work has been considerably retarded for want of staff at the commencement.

LABOUR.

Burmans	...	...	...	...	...	1,200
Natives of India	...	...	...	...	...	1,000
						<u>2,200</u>

Second Division—miles 45 to 98.

Staff.	Mr. Deuchars	...	...	...	Executive Engineer.	
	" Chadwick	...	...	...	Assistant	(Honorary).
	" O'Neill	...	...	...	Assistant	"

EARTHWORK.

About 36 miles of jungle cleared, and about 17 miles of service road made; but not continuous.

Earthwork in miles 73 to 74 and 80 to 81, half finished.

" " 51 to 52, 63 to 69 and 81 to 82, quarter finished.

" " 74 to 80, one-eighth finished.

" " 56 to 57 and 61 to 62, just started.

" " 57 to 61, 62 to 63 and 69 to 73, not started.

From mile 82 to end of division, under realignment; miles 45 to 56 (excluding 51 to 62) altered, and will have to be realigned.

STAFF QUARTERS.

Materials being collected.

LABOUR.

Burmans	...	...	...	...	...	4,000
Natives of India	...	...	...	...	...	600
						<u>4,600</u>

Third Division—miles 98 to 150.

Staff.	Mr. Newham	...	...	...	Executive Engineer.	
	" Strachey	...	...	...	Assistant	"
	" Despeissis	...	...	...	"	"
	" Roberts	...	...	...	"	"
	Lieut. Prentice	...	...	...	"	"

Work not yet commenced on this division, nearly the whole of which has been under realignment.

[General Distribution.]

Circular No. 6 Railway.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
RAILWAY CONSTRUCTION.

Simla, the 9th June 1890.

Monthly Narrative Progress Reports of Railway Surveys.

Read—

Public Works Department Circular No. 7 Railway, dated 5th April 1878.
Public Works Department Circular No. 40 Railway, dated 3rd December 1879.

RESOLUTION.—In the Circulars herein read instructions were given for the submission of monthly Narrative Progress Reports, in Form A, for State Railways under construction.

2. Similar Reports have, from time to time, been submitted for Railway Surveys, but these have in many instances been either much too diffuse or so condensed as to give little idea of the actual state of progress.

3. The Government of India accordingly desires that for Railways under reconnaissance or survey a narrative report, somewhat similar to the accompanying reports of the *Bikanir Desert Railway Survey, or of the †East Coast Railway Survey, may be submitted at the close of each month; and that for Railways partly under survey and partly under construction a monthly report somewhat similar to the enclosed report of the ‡Mu Valley State Railway should be furnished. The distribution of the Staff should in every case be shown.

ORDER.—Ordered, that this Resolution be communicated for information and guidance to the
The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab. Local Governments
The Chief Commissioners of the Central Provinces, Burma and Assam. and Administrations
The Resident at Hyderabad. and Officers noted in*
The Agents to the Governor General for Central India, Rajputana, and Baluchistan. the margin.
The Accountant General, Public Works Department.
The Director General of Railways.
The Consulting Engineers to the Government of India for Railways, Calcutta, Central Division, and Lucknow.

M. C. BRACKENBURY, Major, R.E,
Under Secretary.

Documents accompanying.

1. Progress Report of the Bikanir Desert Railway Survey.
2. Progress Report of the East Coast Railway Survey.
3. Progress Report of the East Coast Railway Survey, Alternative Form.
4. Progress Report of the Mu Valley State Railway Survey.

13

Sp. 1019 R. & 16th July 190.

Comd^d the Congress for
Ryo: for information and
guidance in continuation
of Pros: Sp. 354 R, dated
13th April 1898.

W. J. G.

offg. R.

Congress for Ryo:

Progress Report of the Bezvada Madras Railway Survey to the end of December 1893.

Item No.	Divisions	Length of miles	Superior Staff employed on Division	Progress of work.
1	Madras Division, Madras to Gudur.	86	Mr. Theo. Mitchell, Executive Engineer. V. Rengaswami, Temporary Engineer.	Work confined to the Madras-Cumers section 11 miles. Line staked out and mostly levelled.
2	Mellore Division, Gudur to Ongole.	104	Mr. P. Duncan, Executive Engineer. J. W. Perret, Temporary Engineer.	Work started. Crossing of the Pennar River fixed and boring commenced.
3	Bezavada Division, Ongole to Bezavada.	83	Mr. H. J. Oddie, Executive Engineer. C. H. Bond, Temporary Engineer.	11 miles staked out and levelled.

Kattivakkam }
20th January 1894.

Signed C. J. Shadbolt,
Engineer-in-Chief
Bezavada Madras Ry. Survey.

Pozwada Madras Railway Survey.
No 109

From

The Engineer-in-Chief
Pozwada Madras Railway Survey.

To

The Consulting Engineer for Railways
Madras.

Dated Kattivakkam the 20th January 1894

Sir,

I have the honor to forward
herewith Progress Report of the
Pozwada Madras Railway Survey to
the end of December 1893.

I have the honor to be
Sir
Yours most obedt. Servant.

E. J. Madgock

Engineer-in-Chief
Pozwada Madras Rys.

Enclosure
one

D. F. R.
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B. No 72-3 R of 29-1-94

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

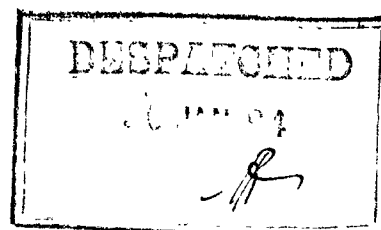
PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Engineer-
Chief, B. M. Ry. Survey. } H. E. No: 109 of 20th Jan-
uary, 1894.

Ordered that the Pro-
gress Report for the
Bennard Madras Rail-
way Survey to the end
of December 1893, be
forwarded to the
Government of India.

H. E. No: 73 R of 29-1-94.



To
The Engineer-Chief
B. M. Ry. S.

To,

The Secy. to the
G. of Ind. S. D.

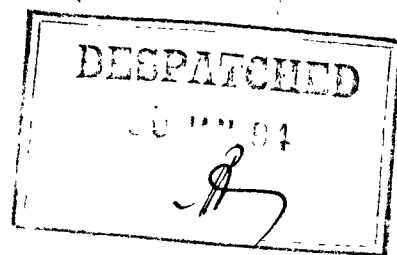
Sir,

With reference to
your

your Ovi: No: 6 Ry, dated
9th June 1890, I am
directed to forward
herewith for the in-
formation of the Govern-
ment of India, Progress
Report of the Bernadur
Madras Railway Survey
to the end of December

1893 -

FM
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J.C. 1/11

Progress Report of the end of January 1894

Serial number	Division	Length in miles	State of the work
1	No. 1. Division Madras to Gudur	86	For section, eleven miles from arrangements, finally settled.
2	No. 2 Division Gudur to Ongole	104	of Peaner River completed and fixed, four miles settled.
3	No. 3. Division Ongole to Bagvada	83	Fixed and fixed, forty three and levelled.

Kattivaikumar
Dated 6th Feby 94

signed) E. J. Shadbolt
Engineer-in-Chief
Bagvada Madras Ry. Survey

BEZWADA-MADRAS RAILWAY SURVEY.

No. 176

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Dated Kattivakkam, the 5th February 1894.

Sir,

I have the honor to forward
herewith Progress Report of the
Bezwada-Madras Railway Survey to
the end of January 1894.

I have the honor to be

Sir

Your most obedient Servant

E. J. Shadball

Engineer-in-Chief

Bezwada-Madras Ry. Survey.

Enclosure
(one)

REGISTER
No 001
FILE
No

B

Ms R 2 10 Feb 1894

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Engineer-in-Chief, Berwader - Madras Railway Survey

H.E. No: 176 & 5 Feb 1894

Ordered that the Progress Report for the Berwader - Madras Railway Survey up to the end of January 1894, be forwarded to the Government of India.

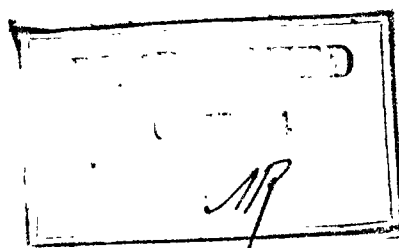
H.E. No: 88 R 410-2-94

To

The Secy. to the Govt. of India, P. W. D.

Sir,

With reference to
your



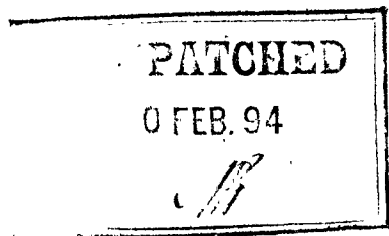
To,
The Engineer-in-Chief,
B. M. R. S.

your O: No: 6 Ry, of
the June 1890, I am
directed to forward
herewith for the in-
formation of the
Government of India
Progress Report of the
Bermuda Madras Rail-
way Survey upto the
end of January 1894.

^B
No 87-88 R 2 10 Feb 194.

For

9/2/94.



P. C. 144/11
15/2

Progress Report of the Bezuada

Madras Railway Survey to the end of February 1894.

Item No.	Divisions	Length Miles	Superior staff employed.
1	No. 1. Division --- Madras to Gudur	86	Mr. Theo. Mitchell Esq. Engrs -- V. Rungaswamy Esq. Engrs Temporary Engineer
2	No. 2. Division --- Gudur to Nellore Nellore to Ongole Total	24 80 104	Mr. P. Duncan Esq. Engrs -- J. W. Perret Esq. Engrs
3	No. 3 Division Ongole to Bezuada	83	Mr. H. J. Odde Esq. Engrs -- C. H. Boud. Esq. Engrs

Progress of work.

Madras - Cunniff section (10 miles) finished and estimates prepared. Total ranged and fixed 28 miles.

About 20 miles ranged out of which 15 have been staked out and completed.

80 miles staked out. Levelling and all other work done for 72 miles.

Dated Kattinakkam
the 6th March 1894.

/s/ E. L. Shadbolt
Engineer-in-Chief
Bezuada - Madras Ry. Survey.

BEZWADA-MADRAS RAILWAY SURVEY.

No. 275

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Dated Kattivakkam, the 6th March 1894.

Sir,

I have the honor to forward
herewith Progress Report of the
Bezwada-Madras Railway Survey
to the end of February 1894.

I have the honor to be
Sir

Your most obedt. Servant

S. J. Madhollu

Engineer in Chief
Bezwada-Madras Ry. Survey

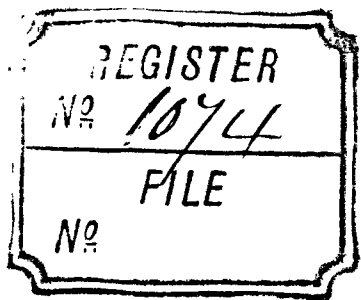
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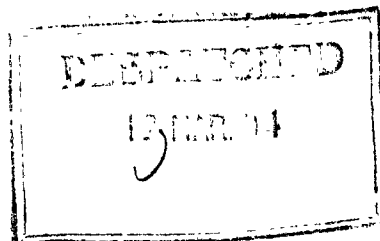
No 155 R of 12 March 1894.
PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Secy.
in Chief Bezwada. Indus
Ry Survey. } H.E. No. 275 of 6 March 94

Ordered that the
Progress Report of the
Bezwada. Indus Ry
Survey to end of February
1894. be forwarded to the
Govt. of India.



To Secy. in Ch. to Govt. of India
H.E. No 156 R of 12 March 94

To
The Secy to the Govt. of India
P.W.D.

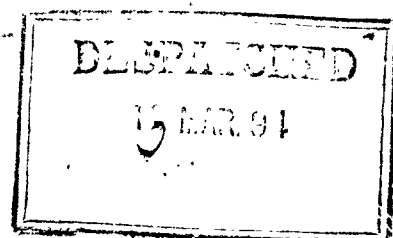
Sir,

With reference to
your Circular No. 6 R
dated 9th June 1890, I am
directed to forward here
with for the information

of the Govt. of India, Pro.
gress Report of the Mysore
Madras Railway Survey
up to the end of February
1894.

From

R



B

No. 155. 56 R 2 12 March 1894.

14/3.

Railway Survey

to the end of March 1894

Progress of work.

Field work completed for 61 miles. Project and estimates have been submitted for the first 10 miles forming the Madras-Tonnur section.

Field work completed for 32 miles

Field work completed for 83 miles on the main line and for 15 miles on the Guntur branch.

Summary of field work completed

	Main line	Branches	Total
No. 1. Division	61	"	61
No. 2. Division	32	"	32
No. 3. Division	83	15	98
	Total 176	15	191

Mr. E. J. Shadbolt
Engineer-in-chief.
Bx. Madras. Ry. Survey.

Bexvada - Madras.

Progress Report

Divisions	Length miles	Superior staff employed.
<u>No. 1 Division</u>		Mr. J. Mitchell. Loc. Engineer
Madras to Gudur	86	" V. Rungaswamy Sengar. Temp. Engineer
Vallur to Kattur (branch)	10	
	<u>96</u>	
<u>No. 2. Division</u>		Mr. P. Duncan Loc. Engr.
Gudur to Vellore		" J. W. Perret Temp Engr.
(existing metre gauge)	24	
Vellore to Singaraya	55	
	<u>79</u>	
<u>No. 3 Division</u>		Mr. H. J. Oddie. Loc. Engr.
Singaraya to Bexvada	101	" C. H. Bond. Temp. Engr.
Gundur to Guntur (branch)	15	
	<u>116</u>	
<u>Summary of length</u>		
Madras to Bexvada	266	
Kattur Salt Branch	10	
Guntur Branch	15	
Total length of Survey	<u>291</u>	

Kathivakuram
4th April 1894

BEZWADA-MADRAS RAILWAY SURVEY.

No. 340

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Dated Kattivakkam, the 5th April 1894.

Sir,

I have the honor to forward
herewith the Progress Report of the Bezwada-
Madras Railway Survey to the end
of March 1894.

I have the honor to be
Sir

Your most obedt Servt

E. S. Madhav

Engineer-in-chief
Bezwada-Madras Railway Survey

En. one.

over 2
over 4

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B. . No 226 K of 11-4-94

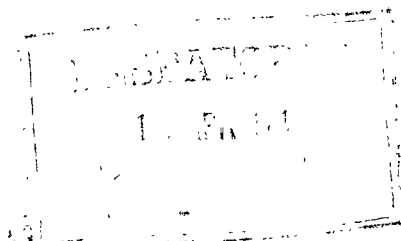
PUBLIC WORKS DEPARTMENT.
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Engineer }
Chief Engineer. Madras Ry. } H. No. 340 of 5 April 1894

Ordered that the
Progress Report of the
Madras Ry Survey to end
of March 1894, be for-
warded to the Govt. of India



To The Engr. in Ch. B. Ry. -

9
12/4

H. No 227 K of 11 April 94

To The Secretary to the Govt of Ind.
P. W. Depto.

Sir,
With reference
to your Circular No. 64,
dated 9th June 1890, I am
directed to forward here-
with for the information
of

Bezwada Madras Progress Report

Division	Length Miles	Superior staff employed
No. 1. Division Madras to Endur 86 Vikur to Kuttur (branch) 10 <u>96</u>		Mr. T. Mitchell Eng: Engineer Mr. V. Rangaswamy Sengar Temporary Engineer
No. 2. Division Endur to Kellor (existing metregamp) 24 Kellor to Angole 72 <u>96</u>		Mr. P. Duncan Eng: Engineer Mr. J. W. Perrett Temp: Engineer
No. 3 Division Angole to Bezwada 84 Sundur to Guntur 15 (branch) <u>99</u>		Mr. H. J. Eddie Eng: Engineer Mr. C. H. Bond Temp: Engineer
Summary of Length		
Madras to Bezwada 266		
Kuttur Salt Branch 10		
Guntur Branch 15		
Total length of survey <u>291</u>		

Dated Kuttanapuram
The 1st May 1894

Railway Survey to the end of April 1894

Progress of work
Field work completed for main line, 86 miles Project and Estimates for the Madras - Endur section, 10 miles have been submitted separately.
Field work completed for 54 miles
Field work completed for the whole 99 miles
Summary of Field work completed
Mainline Branches Total
No. 1. Division 86 " 86
No. 2. Division 54 " 54
No. 3. Division 84 15 99
<u>224</u> <u>15</u> <u>239</u>

(Signed) E. J. Shadbolt
Engineer-in-Chief Bezwada
Madras Railway

BEZWADA-MADRAS RAILWAY SURVEY.

No. 410

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Dated Kattivakkam, the 1st May 1894.

Sir,

I have the honor to forward
herewith the Progress Report of the
Bezwada-Madras Railway Survey to the
end of April 1894.

I have the honor to be
Sir

Your most obedient servant

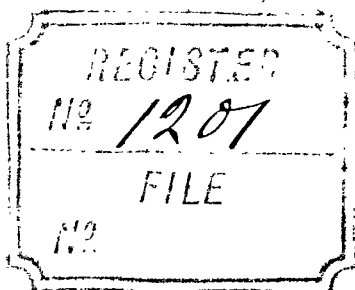
Yours
4/5/94

Encls
(one)

S. J. Bradwell-

Engineer-in-chief
Bezwada Madras Ry Survey.

4.
30/4



B

No 286 Rg 5th May 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Engr. } H.E. No. 410 of 1st May 94.
re: Chief Bezwada Irrigation }
48

Ordered that the
Progress Report of the
Bezwada Irrigation Ry. Sy.
to the end of April 1894,
be forwarded to the Govt.
of India.

To
The Engr. in Ch. B. M. Ry. Sy.

H.E. No 287 R of 5th May 94

To
The Secretary to the Govt.
of India P.W.D.

Sir. With reference to
your Circular No. 6 Rg,
dated 9th June 1890, I am
directed to forward herewith
for

Bezvada: Madras Progress Report

Railway Survey
to the end of May 1896

Divisions	Length miles	Superior staff employed	Progress of work
No 1. Division Madras to Gudur Vallur to Katur & branch	86 10 96	Mr. Thea. Mitchell Inc. Engineer " V. Rangaswamidyanagar Temporary Engineer	all field work having been completed during the month of May no further progress reported will be submitted
Gudur to Kellone Existing metre gauge	24	no field work	
No 2. Division Kellone to Ongole	72	Mr. O. Duncan Executive Engineer " J. W. Perrett Temporary Engineer	
No 3. Division Ongole to Bezvada Gudur to Guntur branch	84 15 99	Mr. H. J. Oddie Executive Engineer " E. H. Bond Temporary Engineer	The staff is now collected together at Coonoor for the purpose of preparing the designs and estimates connected with the project.
Summary of Length Madras to Bezvada Katur Salt Branch Guntur Branch	266 10 15		
Total length of survey -	291		

Coonoor
5th June, 94 }

(Signed) E. J. Shadlock
Eng. in Chief, Bezvada -
Madras Railway Survey

BEZWADA-MADRAS RAILWAY SURVEY. ¹⁸⁹⁴
8/6/94
As usual
No. 493.

From

THE ENGINEER-IN-CHIEF,

BEZWADA-MADRAS RAILWAY SURVEY,

To

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Coonoor
Dated ~~Kottivakkam~~, the 5th June 1894.

Sir,

I have the honor to forward
herewith the Progress Report
of the Bezwada-Madras Railway
Survey to the end of May 1894.

I have the honor to be
Sir

Yours most obedt Servant

E. J. S. Madhavulu

Engineer-in-Chief
B. M. R. Survey

Enclosure
(one)

to
5/6

2534

FILE

N. 352 R of 14 June 1894.

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the Engr. }
in Chief Beg. was. by by } 148. no. 493 of 5 June 1894.

Ordered that
the Progress Report of
the Bezada. Madras by
to 13 June Survey to the end of May
1894, be forwarded to
the Govt. of India.

info despatched
12-6-94
To The Engr. in Ch. H. H. R. R.

148. no 353 R of 14 June 1894

To The Secy. to the Govt. of India
P. W. D. Secy

13 June Sir, With reference to
your Circular No. 6 Rail.
way, dated 9th June 1890,
I am directed to forward
herewith, for the information
of