

MADRAS RECORD OFFICE.

Government of Madras.

Revenue DEPARTMENT.

G.O. No.	1731	Press
		Mrs.
	301. 302	
Dated	21-9-	1864.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Revenue Department,
21st September 1864.*

No. 301. Read the following Proceedings of the Board of Revenue, dated 12th September 1864.

Read the following letter from G. A. BALLARD Esq., Collector of Malabar, to W. HUDLESTON, Esq., Secretary to the Board of Revenue, dated Calicut, 5th September 1864, No. 222:—

	RS.	SIR,
1. Estimate for repairing the road from Choughat to Tirtalla	8,000	1. I have the honor to submit the estimates noted for sanction from the District Road Fund.
2. Do. for improving the road from Quilandy to the Back-water	4,000	They have been duly signed by the Superintending Engineer and myself.
3. Do. for raising and gravelling the Road in Vayallam Paddy fields on the road from Tellicherry to Poringolam in Cottayom Taluk	382	2. The first (marked A) is an important line, the repair of which has long been talked of but delayed for want of funds.
4. Do. for re-building four drains on the road from Ellatur to Meerat	261	

The second (marked B) is also for work that has long been intended should be done. Its execution will be of very great advantage to the large trading town of Quilandy by giving it good communication with the Conolly canal.

C and D are for smaller works.

3. I beg the early return of the estimates for execution.

1. The works marked A and B require the sanction of Government and will be submitted accordingly.

2. The remaining works are such as should be entered in the Budget to be passed under the general sanction.

3. The Board do not understand the Collector's request for the early return of the estimate for execution. The works not being in the Budget for the current year, funds cannot be available for their execution except by transfer from some other item which the Collector has not proposed. He will explain his intentions more fully.

No. 302. ORDER THEREON, 21st September 1864, No. 1,731.

Miscellaneous.

The Government will await the Collector's reply to paragraph 3 of the foregoing Proceedings, before sanctioning the estimates in question.

(True Extract.)

(Signed) C. G. MASTER,
Deputy Secretary to Government.

To the Board of Revenue.

Exd. S. T. Augustin.

Patent Pump & Division

Estimate of the probable expense for repairing and improving the road from the Government to Yierla in the District of Malabar

[illegible]

Wicks

Distance
Mile
Feet

Continued
Description of Work

Station
From
To
Paces

1	7	206	33 3/4	1	Raising road	181 1/2	33
1	5	52	33 1/4	1	Graveling Dr. to Tunnel No. 6	33	33
1	5	52	66 5/8	1	Raising road	363	33
1	5	52	66 5/8	1	Graveling Dr.	110	33
1	5	52	110 2 1/2	1	Cutting side trenches	110	33
1	5	52	110 5/8	1	Raising road	384 3/4	33
1	5	52	66 5/8	1	Graveling Dr.	123 3/4	33
1	5	52	33 1/4	1	Cutting side trenches and raising road	66	33
1	5	52	176 2 1/2	1	Graveling Dr.	176	33
1	5	52	49 5/8	1	Raising road	264 3/4	33
1	5	52	49 5/8	1	Graveling Dr.	253 3/4	33
1	5	52	66 5/8	1	Raising road	77	33
1	5	52	66 5/8	1	Graveling Dr.	121	33
1	5	52	66 5/8	1	Cutting side trenches and raising road	165 1/2	33
1	5	52	77 2 1/2	1	Raising road	165 1/2	33
1	5	52	22 1/2	1	Graveling Dr.	44	33
1	5	52	22 1/2	1	Cutting side trenches and raising road	44	33
1	5	52	22 1/2	1	Raising road	203 3/4	33
1	5	52	22 1/2	1	Graveling Dr.	213 3/4	33
1	5	52	22 1/2	1	Cutting side trenches and raising road	134	33
1	5	52	22 1/2	1	Raising road	352	33
1	5	52	22 1/2	1	Graveling Dr.	253 3/4	33

66 graveling Dr. to
filled in this Dr.
2. Dr.

66 graveling Dr. to
filled in this Dr.
2. Dr.

3	1	203	Brought over 1307 1/2 1406	645	"	
3	2	45 1/2	Raising road	220	"	
3	2	139 1/2	Cutting side trenches and raising road	44	"	
3	2	133 1/2	Raising road	307 1/2	"	
3	3	21	Graveling Do to Tunnel top Appendix A	13	"	
3	3	88 1/2	Cutting side trenches and raising road	58	"	
3	3	88 1/2	Graveling road	58	"	
3	3	64 1/2	Raising road	104 1/2	"	
3	3	44 1/2	Graveling road up to Tunnel bottom	44	"	
3	5	132 3/4	of section limits	114	"	
5	3	22 2/3	Up to where gravel is procured to meet			
11	3	22 2/3	Up to where gravel is procured to meet			
11	3	198 2/3	Graveling over bridge Appendix C	21	"	
11	1	58 1/2	Graveling road through paddly field	340 1/2	"	
11	1	198 1/2	Raising road in Do	122 1/2	"	
11	2	35 5/8	Graveling Do	110	"	
11	2	35 5/8	Cutting side trenches and forming road	114	"	
11	5	35 6/10	Do	990	"	
11	5	139 12 1/2	Do	248	"	
11	7	41 3/2	Do	328	"	
12	1	44 3/2	Do	769 1/2	"	
12	4	19 7/35	Do	1102 1/2	"	
12	6	19 5/419	Do	628 1/2	"	
12	7	66 8/8	Do	132	"	

12	7	100	Raising road to Tunnel	361 1/2	"	
12	7	204	Do	169 1/2	"	
13	2	156 1/2	Cutting side trenches & raising road to Tunnel	258	"	
13	4	91 5/29	Do	429	"	
13	4	157 6/6	Do	790 1/2	"	
14	1	124 106 1/2	Do	99	"	
14	1	190 66 5/8	Raising road	1600 1/2	"	
14	3	181 431	Cutting side trenches & performing road to Tunnel	233 1/2	"	
14	4	177 246	Do	646 1/2	"	
14	5	195 238	Do	324	"	
14	6	33 58 4/2	Raising road to Tunnel	357	"	
14	6	183 150 2/2	Graveling road	137 1/2	"	
14	7	150 4/2	Graveling Do	281 1/2	"	
14	7	150 4/2	Graveling Do to Tunnel top Appendix A	358 1/2	"	
15	1	62 162 1/3	Raising road to Tunnel	182 1/2	"	
15	2	18 176 5/8	Cutting side trenches and performing road	69 1/2	"	
15	2	84 66 5/8	Do	676 1/2	"	
15	4	173 529	Cutting side trenches & performing road to Tunnel	253 1/2	"	
15	5	211 258	Do	793 1/2	"	
15	6	77 88 5/8	Raising large stones at this place	387	"	
15	6	167 88 5/8	Raising road to Tunnel	338 1/2	"	
15	7	35 88 1/3	Cutting side trenches and performing road	335 1/2	"	
15	7	135 102 5/8	Raising road	182	"	
15	8	25 110	Cutting side trenches and performing road	312 1/2	"	
16	1	105 110 5/8	Raising road to Tunnel	165	"	
16	1	190 33 5/8	Do	422 1/2	"	
16	2	36 256	Raising road in this place	281 1/2	"	
16	3	130 314	Cutting side trenches and performing road	429	"	
16	3	196 66 2/2	Do	471	"	
16	3	16 58 1/2	Graveling road to Tunnel	136 1/2	"	
16	3	16 58 1/2	Raising	202 1/2	"	
Carried forward					3141 1/2	

The road from Junction (near limit to Tunnel) to the end of the road is 1698 ft. As the road is 1698 ft. long, the distance from the Junction to the end of the road is 1698 ft. As the road is 1698 ft. long, the distance from the Junction to the end of the road is 1698 ft.

La No 5651 of 1883

Two masonry 18 (20 ft)

Ultimate for 18 ft
to 20 ft (18 ft)
of masonry

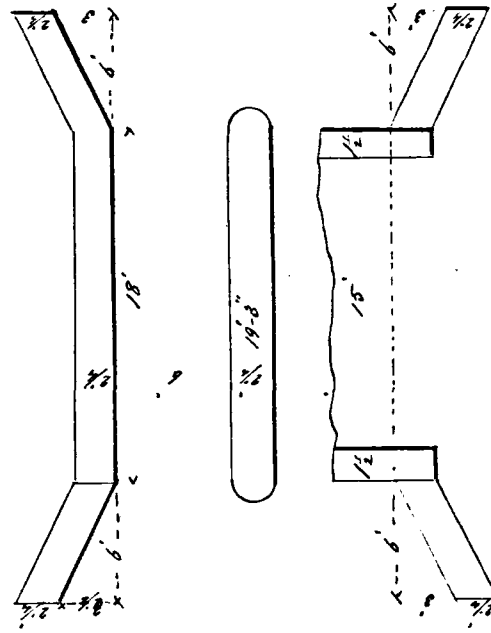
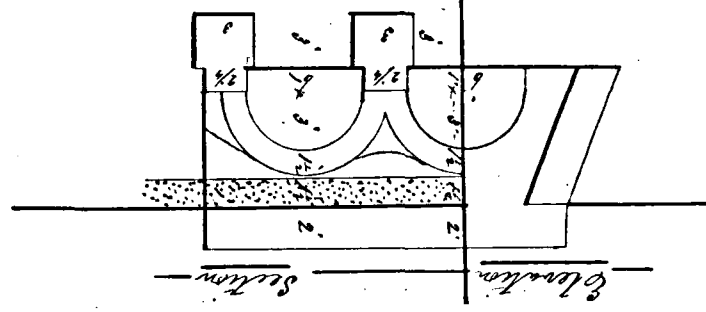
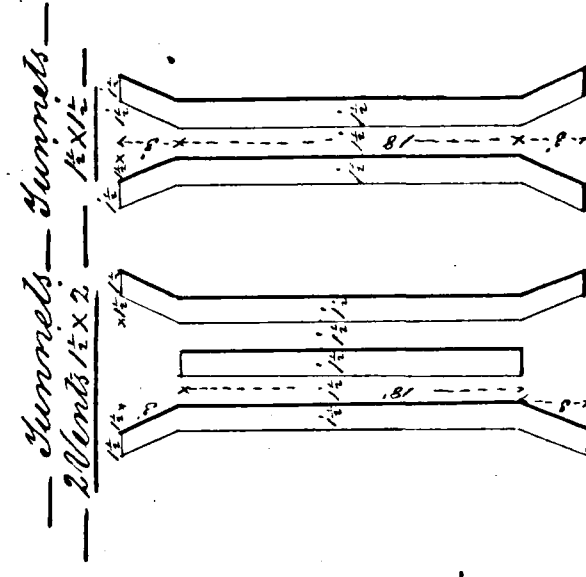
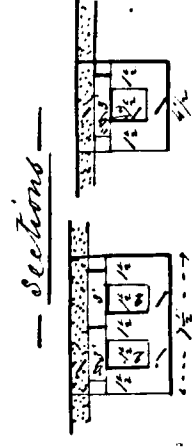
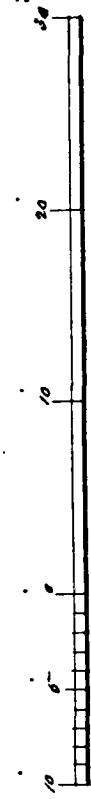
Pen = 2423/6

A

Reference Range of 18 ft

— Plan of Tunnels for Road —
— from Kordunady to Backwater on the —
— Road to Yambercherry —

— Tunnels —
— 2 Vents 6' x 4' —



Mathis program
28th August 1884

Mathis program
28th August 1884

Mathis program
28th August 1884

Estimate of the Probable expense of Improving the Road from Dunderburg to the Fresh Water in the
"Whitlock Road" Road from Dunderburg

Date	Amount of	Measurements				Nature of work	Article	Work	Amount of work
		Length	Width	Depth	Volume				
1883	100	6	1/3	106	106	Commence at East Station, Building Trench			
1883	100	6	1/3	106	106	Forming Road & Miscellaneous at Road			
1883	100	6	1/3	106	106	Excavating			
1883	100	6	1/3	106	106	Forming 1/2 x 1 1/2			
1883	100	6	1/3	106	106	Excavating road in High Field			
1883	100	6	1/3	106	106	Excavating			
1883	100	6	1/3	106	106	Forming 2 Vents 1/2 x 2			
1883	100	6	1/3	106	106	Excavating			
1883	100	6	1/3	106	106	Excavating in High Field			
1883	100	6	1/3	106	106	Excavating			
1883	100	6	1/3	106	106	Forming 1/2 x 1 1/2			
1883	100	6	1/3	106	106	Forming Slope for Asphalt			
1883	100	6	1/3	106	106	Forming Slope for Asphalt			

Brought forward

Centring

Total

Superintendence & Sundries about

Total for one Tunnel 5 x 4

Tunnels 2 Vents $1\frac{1}{2} \times 2$

Foundation & floor

to Sloping Wings

Abutments & Pier

Sloping Wings

Covering Stones

Roadway

Total of all the structure in channels

Excavating Foundation & Roadway

Total

Superintendence & Sundries about

Total for one Tunnel 2 Vents $1\frac{1}{2} \times 2$

Tunnels 1 Vent $1\frac{1}{2} \times 1\frac{1}{2}$

Foundation & floor

Sloping Wings

Abutments & Pier

Sloping Wing

Covering Stones

Roadway

Total of all the structure in channels

Excavating Foundation & forming Roadway

Total

Superintendence & Sundries about

Total for one Tunnel $1\frac{1}{2} \times 1\frac{1}{2}$

W. H. H. H.

Sub Engineer

210

B

Dec: 26 23 / 44

Estimate for improving the road from Davis to the Black Water

According to the 4000

1781

1781-82

1781-82 of 1781

282 5879184

3

Estimate for moving
the material from the road
to the dump
fields on the road from
the bridge to the dump
amounting to \$12.38

Dec-24-23/65

C.

Restoration of the probable expense of rebuilding a road across the road from the bridge to the dump
— May June —

No.	Work	Measurements			Nature of Work	Rate	Amount of Work		By whom received
		ft.	in.	sq. ft.			Actual	Estimate	
	Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump	15 1/2	4 1/2	1	Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump				
	Foundation of the bridge	12	2 1/2	1	Foundation of the bridge				
	2 1/2 miles of road from the bridge to the dump	36	12 1/2	31	2 1/2 miles of road from the bridge to the dump				
	12 1/2 miles of road from the bridge to the dump	12	1 1/2	10 1/2	12 1/2 miles of road from the bridge to the dump				
	18 3 1/2 miles of road from the bridge to the dump	18	3 1/2	40-8	18 3 1/2 miles of road from the bridge to the dump				
	9 1/2 miles of road from the bridge to the dump	9	1 1/2	13-6	9 1/2 miles of road from the bridge to the dump				
	Total	277-10			Total				
	10 6 3/4				10 6 3/4				
	Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump				Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump				
	Foundation of the bridge				Foundation of the bridge				
	2 1/2 miles of road from the bridge to the dump				2 1/2 miles of road from the bridge to the dump				
	12 1/2 miles of road from the bridge to the dump				12 1/2 miles of road from the bridge to the dump				
	18 3 1/2 miles of road from the bridge to the dump				18 3 1/2 miles of road from the bridge to the dump				
	9 1/2 miles of road from the bridge to the dump				9 1/2 miles of road from the bridge to the dump				
	Total				Total				
	10 6 3/4				10 6 3/4				
	Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump				Reconstructing 2 1/2 miles of road from the bridge to the dump and the bridge to the dump				
	Foundation of the bridge				Foundation of the bridge				
	2 1/2 miles of road from the bridge to the dump				2 1/2 miles of road from the bridge to the dump				
	12 1/2 miles of road from the bridge to the dump				12 1/2 miles of road from the bridge to the dump				
	18 3 1/2 miles of road from the bridge to the dump				18 3 1/2 miles of road from the bridge to the dump				
	9 1/2 miles of road from the bridge to the dump				9 1/2 miles of road from the bridge to the dump				
	Total				Total				
	10 6 3/4				10 6 3/4				

The material is given by the bridge to the dump
and the bridge to the dump

Reconstructing 2 1/2 miles of road from the bridge to the dump
and the bridge to the dump

Foundation of the bridge

2 1/2 miles of road from the bridge to the dump

12 1/2 miles of road from the bridge to the dump

18 3 1/2 miles of road from the bridge to the dump

9 1/2 miles of road from the bridge to the dump

Total

L. No.	Work	Measurement		Nature of Work	Status	Cost of Work		Explained by a Surveyor
		L	S			Actual	Book	
		329-7		Brought Over			100.00	
		12 1/2	1/2	Alfing Ways above				
		18 6	3/4	Grading				
		15 7/2	1	Grading				
		22-8		Grading				
		464-7		Exp. of Labor in Lumber	at 13.00 per	60.65		
		10 6 1/2		Exp. Foundation	"	2.00		
				10 Running joints of skeletoning	" 10.0 per	10.00		
				what		72.65		
				Exp. & Lumber about	100.0 per	79.2		
				Total for one Tunnel			80.00	
				Add for another			50.00	

Total of Estimate No. 2 234.00

Sub Engineer's Office
 Mathias Johnson
 30th August 1904

M. J. Bailey
 Sub Engineer

Smallwood
 S. 9. 64
 Lumber L. 79
 L. 11. 8. 2. 5

2-9-04

Dec. 24. 28/64

Estimate for repairing
to drains on the road
from Elkhart to Newark
Wednesday Dec 26th...

Wm. Smith

to be paid of note
Dec 21st 1864
1864

Nov. 1862 Department of
 Army and Navy. 12.12.23.

Proceedings of the
 Board of Census

Page 12 } September 1864
 Page 13 }
 Page 14 }

AD

21.12.23

Submitting for publication
 Estimates, marked A & B out
 of the four received from the
 Collector of Malabar and
 and for sanction from the
 District Board and
 and requesting certain informa-
 tion from the Collector.

With orders

No. 1074302.

Re 1731-
 The Government will advise

The Collector's reply to para 3 of
 the foregoing Proceedings, be-
 fore sanctioning the estimates
 in question.

For Mr. George
 21st. Decr. 1864.

egcc

Board of Census Sept 22. 1864