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**Proceedings of the Madras Government, Public Works Department,
29th October 1875.**

No. 491-A. Read the following letter from E. H. PRINGLE, Esq., Acting Special Executive Engineer, Wynaad, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Luckadie, 18th October 1875, No. 756.—

In obedience to the order conveyed in your memorandum, No. 525, dated 16th

- 1 Survey
- 2 Abstract Estimates
- 2 Detailed do.
- 1 Specification.

ultimo, I have the honor to state that I proceeded at once to Tippukadu and examined the road thence to Karkanhulla.

The line is hilly and rough to such a degree that it would be sheer waste of money to repair it in its present condition. The retrace of the hilly portions and opening of them is, however, a very simple matter, as well as an inexpensive one, as the accompanying survey, estimate, &c., will show. The actual increase in length amounts to only 165 yards, but gradients are reduced in the case of the first hill from Tippukadu from 5° to 3°, and in the others from slopes of about 4° to 1° 30' and 2°.

2. It was my intention to have carried out these alterations gradually from Local Funds, but now that the necessity of putting the road in thorough order for His Royal Highness the Prince of Wales has arisen, the entire cost, Rupees 1,440, will have to be met within the current year. This the Local Fund Board cannot do, as the sum they have sanctioned for the road since it was handed over to the Calicut Local Fund Board will amount to Rupees 907-8-0 (2 miles 6 furlongs at Rupees 330 per mile). The amount, therefore, requiring sanction from Imperial Funds will be Rupees 532-8-0.

3. The estimate for putting the old road in ordinary repair for bandy traffic, sent on to the Local Fund Board some months ago, amounted to over Rupees 1,000, so that the increase of Rupees 400 for the retraces and the repair of the retained portions will not, I think, be considered very extravagant, when it is considered that greater care will have to be taken with the surface and that the road will be permanently improved.

4. In consideration of the short time that there remains for the work to be done in, I gave orders for it to be proceeded with expeditiously so soon as I had completed the trace.

No. 491-B. ORDER THEREON, 29th October 1875, No. 3,065.

CIVIL WORKS, No. 34-A.

A sum of Rupees 550 will be specifically added to the Local Fund Grant of the current year at a later date. Mean-

while the work is sanctioned for immediate execution.

(True Extract)

(Signed) G. W. WALKER, Major-General, R.E.,

Secretary to Government

No. 491-BB. (DOCKET No. 3,065-A, dated 29th October 1875)

Copy of the above forwarded to the Chief Commissioner of Mysore.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

Exd E C Shunker
Spare Copies

N^o 756 Special Executive Engineer
Lucknow, Wynaad, 18th October 1875

From E. H. Tringle, Esq.,
Ag. Special Executive Engineer,
Wynaad,
To The Secretary to Government,
Public Works Department,
Madras

Sir,

x 41 Cady

Enclosures

- 1 Survey
- 2 Abstract Estimate
- 2 Detail Estimates
- 1 Specification

In obedience to the order conveyed
in your Memo N^o 525, dated 16th Ultimo,
I have the honor to state that I proceeded
at once to Tippukadu and examined the
road thence to Karkanhulla. The line is
hilly and rough to such a degree that it
would be sheer waste of money to repair
it in its present condition. The retrace
of the hilly portions and opening of them
is however a very simple matter as well as
an inexpensive one, as the accompanying
survey, estimate, &c., will show. The
actual increase in length amounts to only
155 yards, but gradients are reduced —
in the case of the 1st hill from Tippukadu,
— from 5° to 3°; and in the others, from slopes

of about 4' to 1' 30' and 2:

2 It was my intention to have carried out these alterations gradually from Local Funds, but now that the necessity of putting the road in thorough order for His Royal Highness, the Prince of Wales, has arisen, the entire cost Rs 1440 will have to be met within the current year. This the Local Fund Board cannot do, as the sum they have sanctioned for the road since it was handed over to the Calicut Local Fund Board will amount to Rs 907-8-- (2 miles 6 furlongs, at 330 Rs per mile) The amount therefore requiring sanction from Imperial funds will be Rs 532-8--.

3 The estimate for putting the old road in ordinary repair for bandy traffic, sent on to the Local Fund Board some months ago, amounted to over Rs 1000; so that the increase of Rs 400 for the retraces & the repair of the retained portions will not I think be considered very extravagant, when it is considered that greater care will have to be taken with the surface and that the road will be permanently improved.

4 In consideration of the short time

that there remains for the work to be done in, I gave orders for it to be proceeded with expeditiously so soon as I had completed the trace.

I have the honor to be,

Sir,

Your Most Obedient Servant,

E. W. Smith

Jy Spt. Engrs.,
Mynaad

11/12/95

Malabar District
Wynaud Division
Local Repair
Communication
Detailed Estimate
Work - Repairing portion of Road between and a Bridge at Lijjinkadu.

Measurement
 Length Breadth Depth
 Contents
 Portions of Work

Repairing Road

By Yards		Barrelling in timbered post on road	
2680		<u>Repairing Bridge</u>	
Feet	Inches	<u>Timber work</u>	
2	2 1/2	12" 12	48 Beams
		48	Satub & Teak wood
Feet	Inches	<u>Country wood</u>	
2	12'	3' 6"	3 Wall pilts
3	20	6' 4"	10 Joists
10	13	6' 4"	21 3/4 Posts
		65	Planting
		99	Total of Country wood

Spd. & Byd. Officer Wynaud
 Luchadu 18th (Oct 1875)

S. S. S. S.
 As Spd. & Byd. Wynaud

Specification to accompany Sketch Survey
and Estimate for Retracing portion of Road
from Toppunkadlu to Karhankulla.

Amount of Estimate Rs 1000.

The retraced portions of the Road are to have
a maximum gradient of 3° to be eased off where change
of slopes occurs.

The Road way to be opened to a uniform width
of 18 ft except where there are embankments where
the top width is to be 20 ft with natural earth slopes to
sides.

The surface of the Road is to be barrelled and tamp-
ed, the rise in the centre being 9 inches.

Spcl Ex Engr's Office Wynnad.,
Luchadlu 18th October 1875


Acting Spcl Ex Engr Wynnad.

11/10/75
2/1/75

Doc. # 48701

PUBLIC WORKS

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Doc. 3

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