M.R.O. 14—18,000—27-9-24

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 3632 — Press / Mis.

183 184

Dated 7 — 11 — 1866.

Not to be folded or roughly handled

No. 183. Read the following Proceedings of the Board of Revenue, dated 24th October 1866, No. 7,668:—

Read the following letter from the Collector of the Kistna District, to the Secretary to the Board of Revenue, dated Kankepad, 22nd September 1866, No. 322.

1. I have the honor to forward a letter from the Superintending Engineer, Second Division, with plans and estimates for a road from Datchapully to Goorjala in the Pulnad, to be constructed from Local Funds, and to recommend the project for the favorable consideration of the Board and Government.

2. The Pulnad is the chief cotton growing talook of this district, and owing to the nature of the soil, traffic is now difficult.

3. Datchapully is on Trunk Road No. 7, and the road now proposed will connect Goorjala, one of the principal towns, and the centre of the cotton country, with this road, and place it in connection with the general communications of the district.

4. Eventually the road should be carried on to Tummerycotta and Macherla farther to the westward.

From the Superintending Engineer, Second Division, to the Collector of the Kistna District, dated Camp at Guntoor, 12th September 1866, No. 91.

1 Detailed Estimate.
1 Abstrat do.
1 Specification Report.
1 Traffic Return.
1 Survey.
1 Plan.

1. I have the honor to forward plan and estimates, as per margin, for improvements to the road between Datchapully and Goorjala, amounting to Rupees 10,530, for execution from the Local Funds during 1867-68.

2. The road is a portion of an important highway, by which the cotton and other produce of the Pulnad is brought to the coast. The soil is chiefly black cotton of the worst possible description for traffic, and you will observe that in the month of September 1865, although then the height of the rainy season, not less than 8,700 cart loads of goods passed across it.

3. As the District Road Cess will place a considerable sum of money at our disposal, I beg to recommend that the line should meet with attention, and I trust you will forward it for the sanction of the Revenue Board and Government.

P. S.—I recommend that this work also be included in the Local Fund Budget of the ensuing official year.

Enclosure No. 2.—Detailed Estimate.

Enclosure No. 3.—Abstract Estimate.

Enclosure No. 4.—Specification Report.

Enclosure No. 5.—Traffic Return.

Enclosure No. 6.—Survey.

Enclosure No. 7.—Plan.

Submitted for the sanction of Government.

Proceedings of the Madras Government, Revenue Department,
7th November 1866.

No. 184. ORDER THEREON, 7th November 1866, No. 3,032.

Local Funds, No. 5.
Civil Works.

The construction of the road is accordingly sanctioned, and it will be included in the Budget for the next official year.

(True Extract.)

(Signed) J. D. SIM,
Secretary to Government.

To the Board of Revenue.
,, the Public Works Department.

Exd. S. T. Augustin.

Detailed Estimate for the tunnel proposed to be constructed on the Road from Dachapilly to Goorjala.

Particulars of work.	Measurement Length	Breadth	Depth	Number	Contents
Tunnel of 1 Vent 3 feet Span.					
Foundation to Abutments	18	2-9	2-0	2	198
Do to Wing walls	4-6	2-9	2-0	4	99
Abutments above	18-0	2-0	3-6	2	252
Wing walls above	4-3	1-9	3-7½	4	107-10
Parapet walls	7-0	1-0	2-3	2	31-6
Flooring	18-0	3-0	0-9	1	40-6
				Rough stone in chunam	C.ft. 728-10
Covering stones	5	1		18	90
Plastering 2 Coats	—	—	—	Sq.rs	2¾
Excavating foundation &c. Earth work	—	—	—	C. yds	42

Superintending Engineers office 2d Div.
Camp Gooticoor
12th September 1866.

Commr Lieut Col R.E.
Superintending Engineer 2d Div

Abstract of Earth work metalling &c.

No. in the detailed Estimate	Cubic yards	Price per Cubic yard	No. in the detailed Estimate	Cubic yards	Price per Cubic yard
	Earth work			**Removing stones**	
5	5287	" 1 3	2	592	30 " "
10	17501½	" " 10		**Clearing jungle**	
	Gravelling		6	413	50 " "
4	1382	1 " "		**Slight repairs**	
8	4597	1 6 "	11	2501	38 " "
9	183	1 8 "			
	Rough stones				
7	213¾	" 8 "			
3	450	1 8 "			

Detailed Estimate No 5 of 1865/66

District Kistna.

Work. Improving the Road from Dachapully to Goorajala.

Description of Surface	Nature of work	Distance from actual Commencement	Measurement Miles	Yards	Yards Links	Breadth	Depth	Earth work exp	Content Gravel work exp	Rough stone work exp	Removing stones exp	Clearing jungle	Slight repairs	Number	Particulars of work.
From Dachapilly Taluk Cutcherry															
to stone heap	Sandy			669									669		Slight repairs.
To invert arch	Loam			669	166	6	1/2	498							Raising road with Earth
				166	1	1/2			83						Rough stone Causeway on both sides.
				166	4	1/8			83						Gravelling the above
To the end of the inverted arch.	Do			835	33	6	1/4			49½					Inverted arch requires slight repairs.
To the Branch of Trunk Road No 4				868	226	6	3/4	1017							Raising Road with Earth
				226	1½	1/2				169½					Rough stone Causeway on both sides.
				226	5	1/8				141¼					Gravelling the above
To The end of Causeway	Stony			1094	566								566		Slight repairs.
To hill stream	Black			1660	182	6	1/2	546							Raising Road with Earth.
				182	5	1/8				113¾					Gravelling the above
Stream	Do		1	82	4									1	Tunnel of 3 ft Vents.
To The end of small pond	Do		1	86	57	6	3/8	128¼							Raising road with Earth.
				57	5	1/8				35⅝					Gravelling the above.
To Nadicoody Village	Do		1	143	693	6	1/4	1039½							Raising Road with Earth.
				693	4	1/8				346½					Gravelling the above
To end of Village	Stony		1	836	251								251		Slight repairs.
To Poolipaud foot path	Do		1	1087	379						379				Removing stones.
				379	1	1/4				94¾					Rough stone Causeway.
				379	5	1/2	947½								Raising Road with Earth.
				379	4	1/8				189½					Gravelling the above
To a Madooga tree	Stony		1	1466	169	4	1/8			84½					Do
To The field	Do		1	1635	213								213		Clearing jungle
				213							213 / 592			2	Removing stones.
				213	5	1/4	266¼								Raising Road with Earth
				213	1	1/4				53¼					Rough stone Causeway.
				213	4	1/8				106½ / 450				3	Gravelling the above
To Toommatree	Black		2	88	563	4	1/8			281½					Gravelling
				563	3	1/2	844½			1382				4	Drains on both sides
										5287				5	
To old Road	Do		2	657	182	3	1/2	273							Do
				182	4	1/8				91					Gravelling
To hill stream	Do		2	833	288	4	1/8			144					Do
				288	3	1/2	432								Drains on both sides.
Stream	Do		2	1121	10	6	3/4		45						Rough stone invert arch.
To the Toomma tree opposite to the small tank	Do		2	1131	1835	4	1/8			917½					Gravelling
				1835	3	1/2	2752½								Drains on both sides.
To Demarkation stones	Do		3	1206	200								200 / 413		Clearing jungle
				200	6	3/4	900							6	Removing Earth & filling in hollows.
				200	4	1/8				100					Gravelling
To The old Road	Black		3	1406	5061	4	1/8			2530½					Do
				5061	3	1/2	7591½								Drains on both sides and filling in hollows with the same earth.
To line trees	Do		6	1187	450	1	3/8			1683/2133¾					Rough stone Causeway on both sides
														7	

				450	5	3/8	843 3/4			Raising Road with Earth.
To Dundair Vagoo	Block	6	1637	450	4	1/8	225			Gravelling.
				1178	5	1/2	2945			Filling in hollows with the Earth taken from side drains.
				1178	4	1/8	589			Gravelling.
							4597		8	Gravelling.
Invert arch	D.o	7	1055	40						Repairs to old invert arch
To high ground on the opposite side of Vagoo	D.o	7	1095	133	3	1/2	199 1/2			Drains on both sides.
				133	4	1/8	66 1/2			Gravelling.
To near Goorajalla	D.o	7	1228	233				233		Slight repairs.
				233	4	1/8	116 1/2			Gravelling.
To end of Goorajala		7	1461	782	4	1/2	1564	183		Side drains on both sides.
				782			1750 1/4	782	9	Slight repairs.
								2501	10	
									11	

Enclosure in a letter from the Chief Engineer 2nd Division to the Collector of Madras Dated 12th September 1866.

Rec. 3852/66

Detailed Estimate No 5 of 1866-67

Improving the Road from Dachapully to Goorajala

In No 6853 of 1866

ABSTRACT ESTIMATE No. 5 OF 1866/67

District Kistna

Work

Improving the Road from Dachapilly to Gooragada.

Quantity.	Description of Charges.	Rate.	Amount.	Total.
5287	C.yds of Earth work ___ C.yds	" 1 3	413 " 9	
17501/4	" ___ D.o ___ D.o ___ "	" " 10	911 8 4	
1382	" Gravelling ___	1 " "	1382 " "	
4597	" ___ D.o ___	1 6 "	6320 14 "	
183	" ___ D.o ___	1 8 "	274 8 "	
450	" ___ Rough stone ___	1 8 "	675 " "	
213 3/4	" ___ D.o ___	" 8 "	106 14 "	
592	yds Removing stones ___ mile	30 " "	10 1 5	
413	" Clearing jungle ___	50 " "	11 11 8	
1-741	" Slight repairs ___	38 " "	53 15 11	
	Contingencies &c.a ___		250 5 11	10,410 " "
	Tunnel of 1 Vent 3 ft. Span.			
27	C.yds Rough stone in Chunam C.yds	3 6 "	91 2 "	
18	Covering stones ___	" 12 "	13 8 "	
2 3/4	Sqrs Plastering 2 Coats with Chunam	2 8 "	6 14 "	
42	C.yds Earth work ___	" 1 "	2 10 "	
	Contingencies &c.a		5 14 "	120 " "
		Total Rupees		10,530 " "

Superintending Engineers Office 2.D.

Camp Guntoor

12th September 1866.

Commg Guntoor Lieut Col R.E.
Superintending Engineer 2.D.

Specification Papers to accompany the Estimate for improving the Road from Dachapilly to Goorajalla - Coyatte Hills & 4483 yards.

1st Road to be 5 yards broad and raised from 1/8 to 3½ feet and metalled 1/8 yard.

Annul of 1 Culvt 3 feet span.

Foundation and superstructure to be of rough stone in chunam.

Foundations of abutments and wing walls to be 3 feet wide at bottom and 2 ft. at the level of ground and 2 feet deep.

Floor - to be 9" thick.

Abutments above to be 3 feet wide and 3 feet high.

Wing walls above to be 2 feet wide near the abutments and 1'6" at the end and 3½ feet high.

The Parapet walls to be 1½ wide and 2 feet high.

The exterior faces of abutments, wing walls, floor and parapet walls to be plastered with 2 Coats of Chunam.

The Road way between the parapets to be 16 feet wide.

Superintending Engineer's Office 2nd Circle
Camp Goorajalla
12th September 1866.

Commanding Sappers & Miners
Superintending Engineer 2nd Circle

From the Chief Engineer
Madras
To the Secretary to Government
Public Works Department
Fort St. George

Abstract Estimate No 5 of 1866-67.

Improving the Road from Dachapilly to Goorajalla
Amounting to Rs 10,950

In lieu of 1853 & 1866

Enclosure in a letter from the Civil Engineer & Surveyor to the Director in the Colonial Secretary's Office 1866.

Jan/66 to 1853 & 1866

Specification Report for improving the road from Daehapully to Goorajalah

Proc:7 Nov:5/66 Ins 2 183

1866 Department

In a letter from the
Collector Kistna Dist
To The Secretary to the
Board of Revenue
Madras
Dated 22d September 1866.

No: 322.
Rec: 3852/66.

Plans and Estimates for
Constructing a road from Dacha
-pally to Goorjala in Palnad Taluk.

In Ltr 6853 of 1866

Traffic Return of District Road from Dachapilly to Gorrajala for the month of September 1865.

Station	Carts of Cotton		Carts of Grain		Carts of Tobacco		Carts of iron		Carts of Chillies		Carts of Ghee		Carts of Camphor Leads		Carts of Cotton seeds		Carts of Chrotum		Carts of different things	Carts of Empty Carts		Carriages		Carts of timber & bamboos		Total		Bullock Pair		Horses		
	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Each	Week	Total Carts	Each	Week	Total	Each	Week	Total
Dachapilly	1500	"	504	"	"	776	362	"	"	1083	717	"	364	"	768	"	517	"	"	338	585	"	570	"	591	"	6499	2201	8700	2442	"	2442	90	"	90

Superintending Engineers Office 2d Div
Camp Gundur
12th September 1865.

Commanding Lieut Col RE.
Superintending Engineer 2d Div

Traffic Return of District Road from Daechapully to Goorajalah for the Month of September 1866.

L.R. 1853 D. 1866.

No. 1 & 14.

Plan and Section of a Tunnel of 3 feet Span

across the District Road from Dachapully to Peruvela

Rev: 3852/06.

Estimate Rs 120.

Accompany Plan and Estimate Dated 11th Sept 1861 to 22nd Sept 1861 of Mr. Stokes

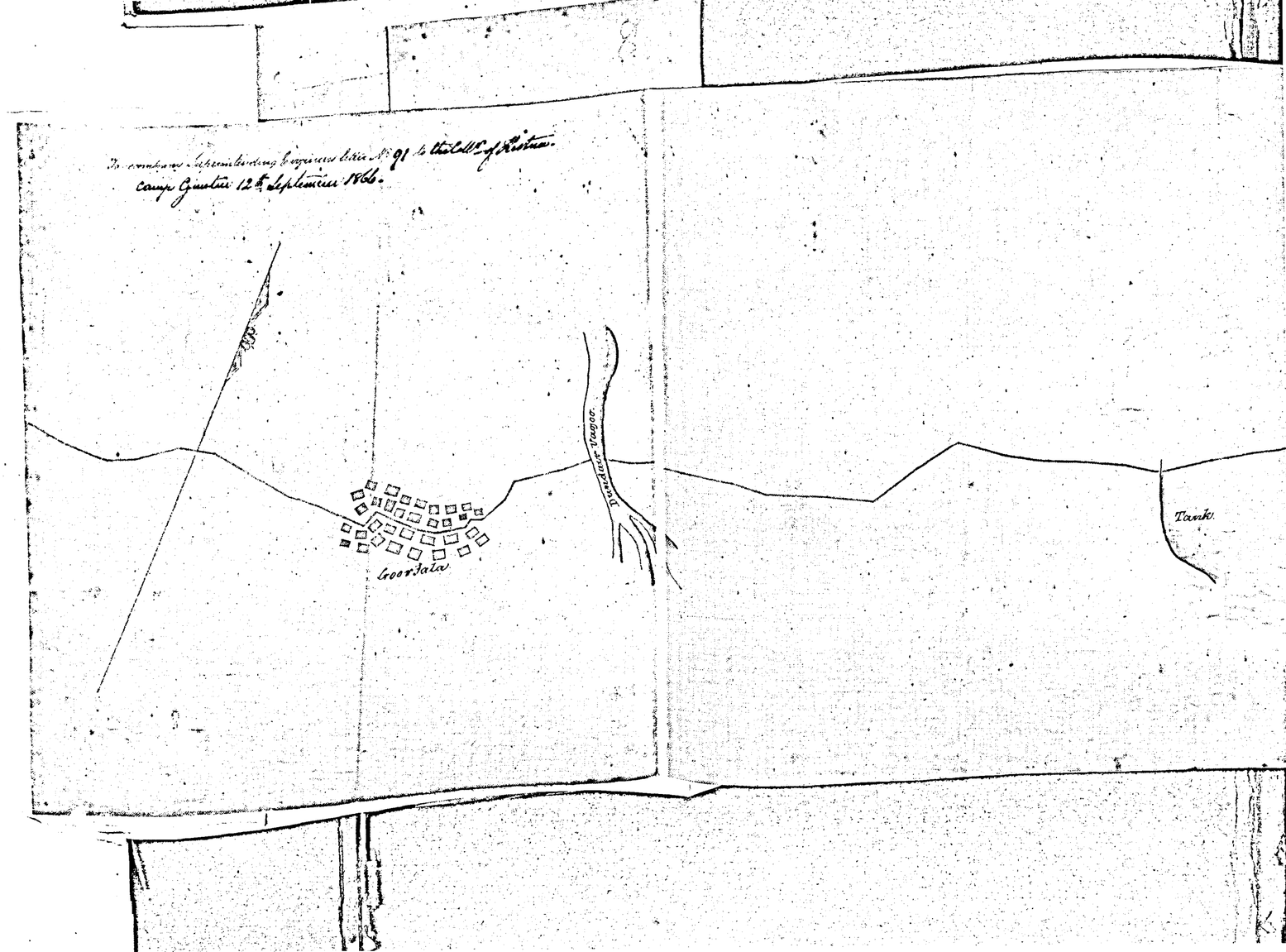
Camp Pamban 12th Sept 1861

Signed J. M. Shanmuga Pillai

Talug Overseer

Lt Colonel R.E.

Superintending Engineer 2nd Dist.


Goor Jala
Tanks

Sketch of District Road between Dachagully and Goorjalia

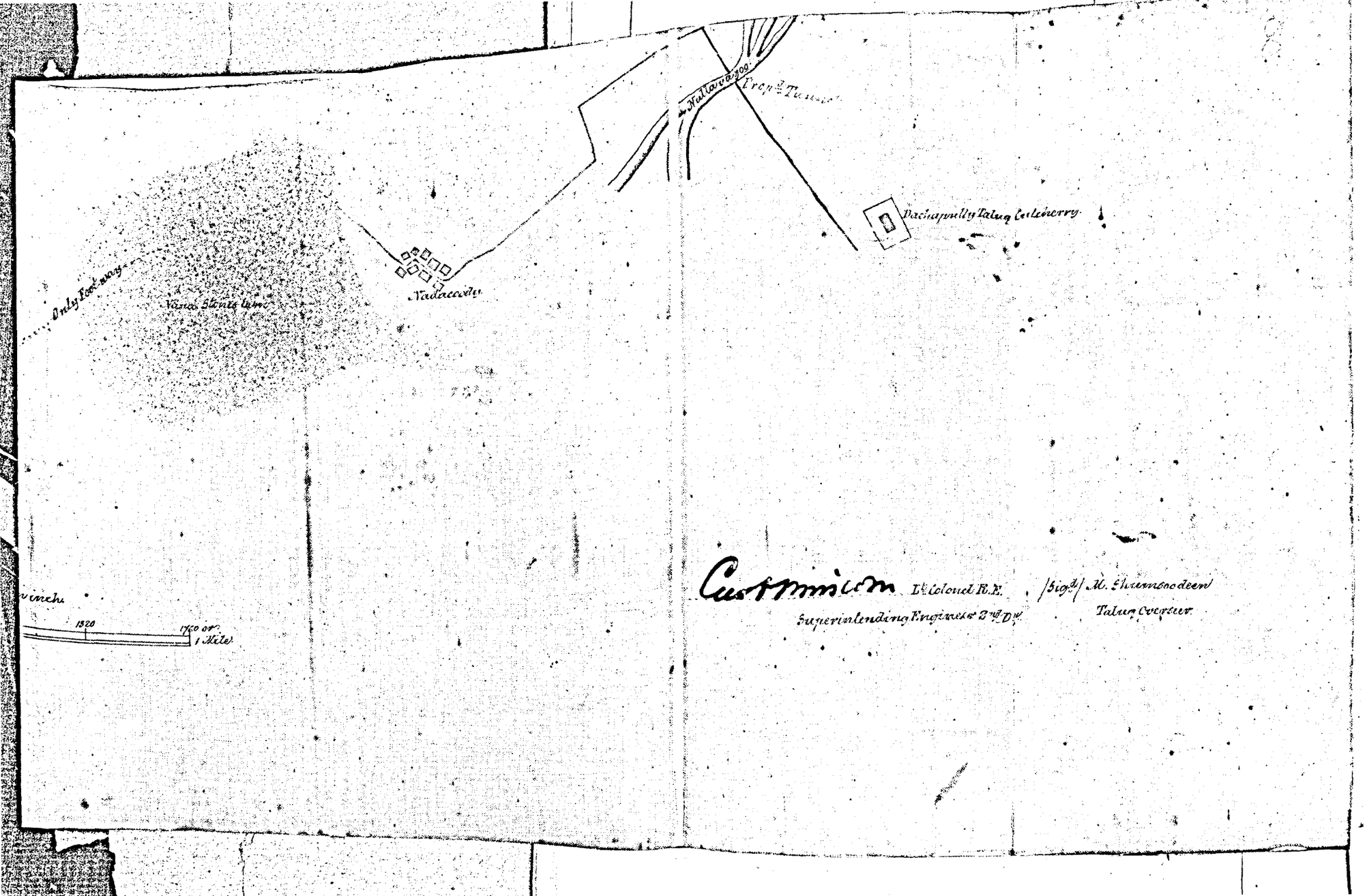
Distance of 7 Miles 1461 Yards.

Tank

Tank

Scale of 440 Yards to [illegible]

440 440 880


Only Footway
Nadaccadu
Dachapully Talaq Cutcherry
1320
1760 or 1/4 Mile

Dis/No 0853/66

No. 3032.

The construction of the road is considered by sanctioned and it will be included in the Budget for the next official year. —

W.N.

4th Nov 66.

To The Board of Revenue
" — Pub Works Deptt
} Dup of Nov/66

1866

10

Rev: 1866. Department.
Pro: of Govt for Navts

No. 3852.

PROCEEDINGS OF THE BOARD OF REVENUE,

Dated 24th October 1866.

Dep 29
Rs 30
L 60

No. 7,668.

Submitting for sanction plans and estimates from Collector of Kistna district for improvements to road between Datchapilly and Goorjala in Pulnad, amounting to Rupees 10,530.

Rs 3032-7 Jour

With an Order.