M.R.O. 1—39,000—16-10-39

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 10-11-57

G.O. No. 2867 Press Mis.

1924

Dated 5-11- 1924

Not to be folded or roughly handled

Read the following letters.

No. 19. From F. LUSHINGTON, Esq., Civil Auditor; to H. FORBES, Esq., Acting Secretary to Government, dated 10th September 1857, No. 246.

SIR,

In obedience to the orders of Government communicated in Extract Minutes of Consultation No. 1501, dated 3rd August 1857, I have the honor to state that it does not appear that there are any other Officers in the Public Works Department at Madras besides the Civil Architect and Garrison Engineer who have drawn Travelling allowances in a manner so as to make them virtually additions to their salaries.

I have also the honor to report that retrenchments have been issued against the Civil Architect and Garrison Engineer for Travelling allowances drawn by them on their own account as well as on behalf of their subordinates.

No. 20. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 3rd October 1857, No. 4180.

SIR,

With reference to Extract Minutes Consultation No. 1816 dated 24th September last, I have the honor to forward Statements of works visited and corresponding distances travelled by the Civil Architect and Garrison Engineer during the months of May, June and July 1857.

2. These papers have been delayed by the failure of Colonel Atkinson and Captain Rawlins to comply punctually with the orders they received to forward them.

Memo. of Public Works inspected by Captain H. W. Rawlins, Officiating Garrison Engineer Fort Saint George, from 1st to 31st May 1857, inclusive as per diary Book kept by the Officiating Garrison Engineer.

May 1st 1857, Visited Deodorizing Chimney, Custom House, Clive's Battery, Royapooram Groynes and Tannah, old House of Correction, work yard.

„ 2nd „ do. Deodorizing Chimney, Groynes, Custom House work, Clive's Battery, long interview with Dr. Kellie, Drains, Barracks, Serjeant Kovin's Quarters, Quarter No. 59, Clive's Battery, old House of Correction.

„ 4th „ do. Work yard, Lying-in-Hospital, Fort Adjutant's Quarters Garrison Surgeon's Quarters, Barracks, Fortifications, Worster and Drains, fixing place for chunam Mills.

„ 5th „ do. Marine Villa and Groynes, Custom House, Clive's Battery, Royapooram Groynes and Tannah, Minie Bullet Machine, correspondence with Colonel Atkinson and Major Worster about Fort Drains.

„ 6th „ do. Perambore lines, Minie Bullet Machine buildings, Clive's Battery, Gun Powder Manufactory twice, Minie Bullet Machine.

„ 7th „ do. Engaged on duty at the Exhibition as reporter on Class XXV. Marine Villa Groynes and Band.

„ 8th „ do. Saint Thomé Guard room, Saint Thomé Ravelin, Main Guard, Barracks, north gate Guard room, north gate bridge, Fort school, Quarters No. 59, shutter of Main Tunnel.

„ 9th „ do. Gun Powder Manufactory, Minie Bullet Machine, Clive's Battery, Custom House, Fort Laboratory and Revetment.

„ 11th „ do. Marine Villa, Work yard, Orillion, Saint George's bridge, Guard room, Assistant Garrison Surgeon's Quarters, Fort Adjutant, Saint Thomé Ravelin, Custom House, Clive's Battery.

„ 12th „ do. Saint Thomé Ravelin, Barracks, examining Verandah, do. Drains, Town Major's house ceiling having fallen down, Saint George's gate, north gate completed.

„ 13th „ do. Gun Powder Manufactory, examining building, Bullet making Machine, Clive's Battery, north sea gate railing broken, Custom House, north gate work yard, Quarters No. 59.

„ 14th „ do. Marine Villa Groynes, Custom House Groyne and Drains, Custom House works, Town Major's house.

„ 15th „ do. Military Board office, Arsenal, carefully examining beams in Town Major's house.

„ 16th „ do. Gun Powder Manufactory, examining buildings, Minie Bullet buildings marking out foundations and verifying them with plans, Perambore tanks.

„ 18th „ do. Work yard, Town Major's house, and Stables, Barracks.

„ 19th „ do. Examining the Fortifications and giving orders, &c., the whole of this day, on correspondence with Lieutenant O'Connell on the same subject.

May 20th 1857, Visited Engaged all the morning raising draw bridges, Military Board office, Town Major's.
„ 21st „ do. Minie Bullet making Machine, Clive's Battery.
„ 22nd „ do. Fortifications, draw bridges, work yard, Town Major's house, &c. &c., engaged nearly all day out.
„ 23rd „ do. Fort works also 7 Wells with Colonel Cotton, Mint, Minie Bullet making Machine, Clive's Battery, Custom House, Town Major's house.
„ 25th „ do. Clive's Battery, Royapooram Groynes, Custom House, Fortifications (4) Town Major's Quarters.
„ 26th „ do. Barrier gate, Covertways, Galleries, &c., also work yard all the morning, Custom House, north beach Groynes, with Captain Collyer, water galleries, School Quarters No. 49, Town Major's Quarters.
„ 27th „ do. North beach Groynes, and giving orders to construct an intermediate one between Custom House Groyne and Clive's Battery, Clive's Battery gate, Minie Bullet Machine buildings, inspecting Quarters of Apothecary in N. V. Lines, water galleries, Covertways.
„ 28th „ do. A general holiday but none for me, opened and raising inner draw bridges all day, Fortifications, closing laboratory windows, &c.
„ 29th „ do. Government House putting up Staff for lantern, twice Town Major, work yard, Perambore tank deepening.
„ 30th „ do. Town Major and Assessment Department Officers, about tank at Perambore, inspected several works in the Fort.

154 Total number of works inspected during the month.

Garrison Engineer's office,
Fort Saint George,
1st June 1857.

(Signed) H. W. RAWLINS, Captain,
Officiating Garrison Engineer.

43 Works in progress 1st June 1857.

Memorandum of the distance daily travelled by Captain H. W. Rawlins, Garrison Engineer Fort Saint George, on duty inspecting Public Works during the month of May 1857.

Date.	Day how employed.	Distance. Miles.	Furlongs.	No. of works visited daily.	Remarks.
May 1	Travelled on duty..	12	3	8	I generally start from my House at six in the morning and do not return till evening. During the whole of this time I am on duty either personally inspecting works out of doors, or Superintending and examining Accounts, Plans and Estimates in office. (Signed) H. W. RAWLINS, Captain, *Garrison Engineer.*
2	„	15	5	11	
3	Sunday..	..	..	..	
4	Travelled on duty..	6	3	10	
5	„	12	2½	8	
6	„	21	2	7	
7	„	6	..	3	
8	„	6	7	9	
9	„	9	5½	6	
10	Sunday..	..	..	..	
11	Travelled on duty..	11	6	11	
12	„	4	2	7	
13	„	9	3½	9	
14	„	6	7	5	
15	„	3	4	3	
16	„	12	5	4	
17	Sunday..	..	..	..	
18	Travelled on duty..	3	4	4	
19	„	7	..	1	
20	„	7	..	4	
21	„	10	6	3	
22	„	8	..	4	
23	„	12	2½	7	
24	Sunday..	..	..	..	
25	Travelled on duty..	11	7	5	
26	„	9	1	8	
27	„	10	7	8	
28	„	7	..	4	
29	„	10	..	5	
30	„	7	..	6	
31	Sunday..	..	..	..	
	Total.....	243	3	160	
	Average.....	9	3	6½	Per working day.

Fort Saint George,
1st June 1857.

(Signed) H. W. RAWLINS, Captain,
Garrison Engineer.

Memorandum of the distance daily travelled by Captain H. W. Rawlins, Garrison Engineer Fort Saint George, on duty inspecting Public Works during the month of June 1857.

Date.	How employed.	Distance. Miles.	Furlongs.	No. of works daily inspected.	Remarks.
June 1	Travelled on duty...	7	6	7	I generally start from my House at six in the morning and do not return till evening. During the whole of this time I am on duty either personally inspecting works out of doors or superintending and examining Accounts, Plans and Estimates, &c. in office. (Signed) H. W. RAWLINS, Captain, *Garrison Engineer.*
2	„	12	1	8	
3	„	11	5	3	
4	„	10	2	4	
5	„	12	6	6	
6	„	12	1	7	
7	Sunday...	...	...	...	
8	Travelled on duty... ...	12	4	5	
9	„	11	2	6	
10	„	11	3	6	
11	„	12	5	7	
12	„	11	4	5	
13	„	11	3	8	
14	Sunday...	...	...	...	
15	Travelled on duty... ...	11	4	6	
16	„	14	7	9	
17	„	19	1	6	
18	„	7	...	4	
19	„	10	2	4	
20	„	21	3	2	
22	„	8	2	4	
23	Travelled on duty... ...	16	...	14	
24	„	8	2	8	
25	„	7	...	6	
26	„	9	...	9	
27	„	7	...	4	
28	Sunday...	...	...	...	
29	Travelled on duty... ...	11	3	7	
30	„	9	6	8	
	Total.....	298	...	163	
	Average.....	11	4	6⅕	Per working day.

Fort Saint George,
1st July 1857.

(Signed) H. W. RAWLINS, Captain,
Garrison Engineer.

Memorandum of the distance travelled by Captain H. W. Rawlins, Garrison Engineer Fort Saint George, on duty inspecting Public Works during the month of July 1857.

Date.	How employed.	Distance. Miles.	Furlongs.	No. of works inspected each day.	Remarks.
July 1	Travelled on duty...	13	5	6	
2	„ ...	7	...	3	
3	„ ...	7	4	4	
4	„ ...	9	1½	8	
5	Sunday...	...	...	...	
6	Travelled on duty...	12	4	3	
7	„ ...	17	4	7	
8	„ ...	10	6	3	
9	„ ...	11	7	6	
10	„ ...	11	4	4	
11	„ ...	15	...	9	
12	Sunday...	...	...	...	
13	Travelled on duty...	7	...	11	
14	„ ...	12	6	7	
15	„ ...	7	4	3	
16	„ ...	...	...	...	Engaged in office all day.
17	„ ...	9	3½	7	
18	„ ...	7	4	2	
19	Sunday...	...	...	...	
20	Travelled on duty...	10	7	3	
21	„ ...	13	2	6	
22	„ ...	15	5	10	
23	„ ...	9	1	6	
24	„ ...	11	1	6	
25	„ ...	11	2	7	
26	Sunday...	...	...	...	
27	Travelled on duty...	15	4	6	
28	„ ...	7	4	6	
29	„ ...	12	...	5	
30	„ ...	10	4	7	
31	„ ...	11	4	7	
	Total.....	288	7	152	
	Average.....	11	6	5¾	Per working day.

I generally start from my House at six in the morning and do not return till evening. During the whole of this time I am on duty either personally inspecting works out of doors, or superintending and examining Accounts, Plans and Estimates in office.

(Signed) H. W. RAWLINS, Captain, *Garrison Engineer.*

Fort Saint George, 1st August 1857.

(Signed) H. W. RAWLINS, Captain, *Garrison Engineer.*

Memo. of Public Works inspected by Captain H. W. Rawlins, Garrison Engineer, Fort Saint George, from 1st to 30th June 1857, inclusive as per Diary Book kept by the Garrison Engineer.

June 1st 1857 Visited, Minie Bullet building, Clive's Battery, North beach Groynes, Custom House, Orillion, works in the Fort.

„ 2nd „ do. Work yard, Orillion with Colonel Hamond and Captain Baker, Laboratory, Arsenal, Custom House, Perambore, Groynes.

„ 3rd „ do. Salt Cotars and surveying line for Railway, all morning, Garrison School with Mr. Lugard, Work yard.

„ 4th „ do. Clive's Battery, works in Fort, 3 Laboratory, Town Major's.

„ 5th „ do. Custom House, North beach Groynes, Perambore Tank, 3 works in Fort.

June 6th 1857, Visited Perambore, Clive's Battery, Fortifications, Arsenal, Civil Auditor's Office, Artillery Barracks with Town Major, consulting about Bathing rooms, &c. and erecting temporary sheds, Inspector of Ordnance works.

„ 8th „ do. Work yard in the morning, Gun Powder Manufactory in consultation with Major Simpson as to repairs caused by the late explosion in Corning room, Town Major's Quarter, Perambore Tank and Barracks.

„ 9th „ do. Clive's Battery, Royapooram Groynes, North beach Groynes, Town Major's, Work yard, railings around Glacis.

„ 10th „ do. Caulder's Magazine, Clive's Battery, Arsenal, and Inspector of Magazines Office, Bullet making Machine buildings, Veteran Lines and Well, Rice godowns on north beach, measuring and surveying.

„ 11th „ do. Male Asylum, consulting with the Secretary and Medical Office about enlarging buildings, Gun Powder Manufactory buildiugs, Perumbore Tank, Town Major's house, North Gate bridge railing, broken down by carriage, North Sea Gate bridge, Marine Villa, Groynes.

„ 12th „ do. Lying-in-Hospital, Male Asylum, Work yard, Platform for Commander in Chief's embarkation, twice Custom House works.

„ 13th „ do. Clive's Battery, Sea Customs, Minie Bullet making Machine, North beach Groynes, Arsenal, Military Board Office, Caulder's Magazine, Clothing Superintendent's Office Roads.

„ 15th „ do. Work yard, Laboratory, Artillery Barracks, Custom House, European Barracks Powder Mills in consultation with Major Simpson, about drying terrace.

„ 16th „ do. Minie Bullet making Machine, Arsenal, Foundry, Caulder's Magazine, Clive's Battery, Town Major's house, Government Office, Work yard, Chindatrepettah Barracks and Drains.

„ 17th „ do. Marine Villa Groynes, Timber Depot at Tondiarpett, Powder Mill, Bullet making Machine buildings.

„ 18th „ do. Government Stables with Town Major, consulting as to their re-building, Town Major's house, beach road, Government Office.

„ 19th „ do. Custom House, North beach Groynes, Clive's Battery, Serjeant's Quarters at Boatmen's Gate.

„ 20th „ do. Tondiarpett 5 miles the other side of Royapooram inspecting and purchasing timber, in evening at the Perumbore Lines Tank taking levels.

„ 22nd „ do. In Fort all morning, inspecting and examining works, in evening Nabob's Palace, examining Guard rooms by order of Town Major, Government Office examining alterations required to windows, Marine Villa Groynes, with Captain Collyer.

„ 23rd „ do. Custom House, North beach Groynes, Clive's Battery, House of Correction, Minie Bullet Manufactory, Gun Powder Manufactory, Work yard, Laboratory windows, Captain Collyer inspected the works this afternoon at the Custom House, North beach Groynes, Clive's Battery, Minie Bullet Manufactory, Government Office to select accommodation for Secret Printing Department.

„ 24th „ do. Minie Bullet Manufactory, Clive's Battery, Serjeant's Quarters work yard and Garrison School, Town Major's room, Artillery Barracks Bath rooms, and Well.

June 25th 1857, Visited Arsenal, Caulder's Magazine, Military Board Office, Artillery Barracks, Adjutant of European's quarters, Medical Stores.

„ 26th „ do. Arsenal, Military Board, 4 works in Fort, Clive's Battery, Town Major's, Main Guard, Barracks examining beams.

„ 27th „ do. Marine Villa Groynes, Sub Treasury, Government Office, Accountant General's Office.

„ 29th „ do. Gun Powder Manufactory, roads in Fort, Work yard, Town Major's, and several other works in Fort, Chief Engineer's Office, Artillery Barracks and Bath.

„ 30th „ do. Abercrombie's Battery, Serjeant's Quarters, Garrison School, Quarters No. 58, measuring quarters of Officers in Fort, Government Stables, Town Major's Stables, and out houses, Male Asylum.

Fort Saint George, 1st July 1857.

(Signed) H. W. RAWLINS, Captain,
Garrison Engineer.

Memo. of Public Works inspected by Captain H. W. Rawlins, Garrison Engineer Fort Saint George, from 1st to 31st July 1857, inclusive as per Diary Book kept by the Garrison Engineer.

July 1st 1857, Visited Kilpauk, Custom House, Work yard, Barrack Master's Office, Town Major's house, Laboratory.

„ 2nd „ do. Fort works including east Rampart and examining Gun traversing beds.

„ 3rd „ do. Chindatrepettah Barracks, Abercrombie's Battery, Artillery Barracks, Work yard.

„ 4th „ do. Gun Powder Manufactory, Custom House and Barrack works, also 4 other works inside the Fort, Caldwell's Magazine.

„ 6th „ do. Male Asylum and Female Asylum with Dr. McPherson, and Capt. Hope, relative to enlargement of Male Asylum, European Barracks and Artillery Barracks.

„ 7th „ do. Custom House, North beach Groynes, Clive's Battery and Cistern, Caldwell's Magazine, Gun Powder Manufactory, Minie Bullet Factory.

„ 8th „ do. Government Office and Main Guard, visited the Seven Wells, Water works.

„ 9th „ do. Custom House, North beach Groynes, Clive's Battery, Royapooram Tannah Station, and several works in the Fort including Fortifications and Galleries.

„ 10th „ do. Gun Powder Manufactory, Minie Bullet Manufactory, and several works in the Fort.

„ 11th „ do. Custom House, Royapooram works, Chindatrepettah Hospital, Seven Wells water works, Fort works, Yard, Artillery Barracks, Caulder's Magazine, Garrison Surgeon's Quarters and several other works.

„ 13th „ do. Fort Work yard, Garrison school, Quarters No. 59, Main Guard, Caldwell's Magazine, Garrison Surgeon's Quarters, Government Office, Quarter 58, and other works.

„ 14th „ do. Custom House, Clive's Battery, Minie, Bullet Factory, Gun Powder Factory, visited the beach Groynes, Minie Bullet Factory and Custom House with Captain Collyer, Superintending Engineer Central Circle.

„ 15th „ do. Fortifications and several Fort works, Laboratory, Magazine, &c.

„ 16th „ do. Engaged on urgent business in Office all the day.

„ 17th „ do. Gun Powder Mills, Minie Bullet Manufactory, Custom House, Work yard, inspecting several works including Main Guard, Barracks, Drawbridges, &c.

„ 18th „ do. Fortifications and Fort work all day.

„ 20th „ do. Gun Powder Mills, Fort works all day attending to and Superintending the Fortification works.

„ 21st „ do. Adyaur work yard, Town Major's, Main Guard and several works in the Fort and Caldwell's Magazine.

„ 22nd „ do. Clive's Battery, Work yard, and several works in the Fort, Artillery Barracks, drawing up Draw bridges, &c., Regimental school, Garrison school, Government Office, Gun Powder Manufactory.

July 23rd 1857, Visited Custom House works in the Fort and Fortifications, and work yard, inspected with Officer Commanding Artillery in Fort the embrasures where necessary to place stone beds.

„ 24th „ do. Kilpauk to see Dr. Killie on the subject of the Deodorizing Chimney, Caldwell's Magazine, Main Guard, Garrison school, Government Office, Work yard.

„ 25th „ do. Fort works, Minie Bullet Manufactory, Gun Powder Mills, Work yard, inspected Fortifications with Adjutant of Engineer, and the Flagstaff redan.

„ 27th „ do. Royapooram Groynes, Perambore Hospital, Clive's Battery, for 3 hourse in the after noon inspecting various works in the Fort, attending on Dr. Madden and consultation with him about the Barrack Drains.

„ 28th „ do. Chindatrepettah Barracks, Artillery Barracks, Caldwell's Magazine Chaplain's Quarters, Arsenal, Work shop, Work yard.

„ 29th „ do. Gun Powder Mills, Serjeant's Quarters in the north beach, Minie, Bullet Manufactory, Jail, Arsenal.

„ 30th „ do. Perambore drains, Work yard, Artillery well, Work yard, Main Guard Caldwell's Magazine, Garrison school, Regiment at Magazine, European Barracks.

„ 31st „ do. Met Dr. Killie by appointment, this morning at 6 at Deodorizing Chimney, Custom House, North beach Groynes and road, and Royapooram Tannah, Work yard Clive's Battery.

Fort Saint George, 17th August 1857.

(Signed) H. W. RAWLINS, Captain,
Garrison Engineer,

Memo. of Public Works inspected by Lieutenant Colonel W. H. Atkinson, Civil Architect Presidency Division, for the month of May and June 1857, as per Diary Book kept by the Civil Architect Presidency Division as measured on the Map of Madras.

		Miles.	Furlongs.			Miles.	Furlongs.
1857				1857			
May	1st	7	6	June	1st	15	7½
„	2nd	5	6	„	2nd	5	2½
„	4th	4	0	„	3rd	10	5
„	5th	11	4	„	4th	9	2
„	6th	9	2	„	5th	16	3
„	7th	9	4	„	6th	7	5
„	8th	13	2	„	8th	7	5
„	9th	9	0	„	9th	8	3
„	11th	13	3½	„	10th	9	5
„	12th	5	1½	„	11th	3	7½
„	13th	5	3	„	12th	13	7
„	14th	11	2	„	13th	15	7
„	15th	8	0	„	15th	10	7½
„	16th	7	1	„	16th	3	6
„	18th	10	6	„	17th	5	1½
„	19th	10	1	„	18th	5	1
„	20th	6	7	„	20th	13	7
„	21st	5	2	„	22nd	6	7
„	22nd	5	5	„	23rd	7	4½
„	23rd	9	3	„	24th	3	6
„	25th	14	1	„	25th	7	5
„	26th	9	1	„	26th	13	6½
„	27th	7	6	„	27th	8	1
„	28th	6	3½	„	29th	5	0
„	29th	3	6	„	30th	8	3
„	30th	9	1	„			
	Total.....	218	5½		Total.....	224	3½

Civil Auditor.

The journey to the office in the Fort daily measuring 4 miles, there and back is not included in the foregoing.

(Signed) W. H. ATKINSON, Lieut.-Col.,
Civil Architect, P. D.

Memo. of Public Works inspected by Lieutenant Colonel W. H. Atkinson, Civil Architect Presidency Division, from 1*st to* 31*st May* 1857, *inclusive as per Diary Book kept by the Civil Architect Presidency Division.*

May 1st 1857, Visited the Government House works, the Munro Statue, the Camp Equipage, the Penitentiary, the General Police, the Banqueting Hall, as a Reporter in Jury XXVII.

„ 2nd „ do. Halliburton's garden, Pantheon Police, Vepery Barracks repairs, Triplicane Dispensary, General Police.

„ 4th „ Went to Government House, as Reporter on Jury XXVII, visited the works there, went to Exhibition as Reporter on Jury XXVII, and thence to Penitentiary.

„ 5th „ do. to Pantheon Police, Observatory, Triplicane Dispensary, General Police, and to Penitentiary.

„ 6th „ Visited Government House works, Penitentiary, Royapettah Dispensary and General Police, visited the Penitentiary the 2nd time.

„ 7th „ do. Pantheon Police, Observatory, Triplicane Dispensary and General Police, went to Penitentiary after visiting Government Office.

„ 8th „ do. Black Town main sewer, Grand Jail, Expense Magazine and Butt, Scotch Kirk and Penitentiary.

„ 9th „ do. Pantheon Police, Vepery Barracks, General Police, Government Office and Penitentiary.

„ 11th „ Went to Guindy and inspected Captain Robert's Bungalow to remove white-ants, visited Penetentiary.

„ 12th „ Visited Pantheon Police, Observatory, Triplicane Dispensary and General Police.

„ 13th „ do. General Police, Triplicane Dispensary and Penitentiary.

„ 14th „ do. Government House and Banqueting Hall twice morning and forenoon, do. Pantheon Police, Triplicane Dispensary, General Police, Government Office, Reservoir and Penitentiary.

„ 15th „ do. Observatory, General Police, Royapettah Dispensary and Penitentiary.

„ 16th „ do. Pantheon Police, Vepery Barracks, Kirk, General Polic and Government House compound wall.

„ 18th „ do. Grand Jail, Hindoo Burning ground Royapooram, Abercrombie's Battery, Government House compound wall and General Police.

„ 19th „ do. Pantheon Police, Banqueting Hall and Government House, General Police, Triplicane Dispensary, Reservoir work, and Penitentiary.

„ 20th „ do. Banqueting Hall and Government House, General Police and Penitentiary.

„ 21st „ do. Pantheon Police, Government House and Banqueting Hall, General Police and Royapettah Dispensary.

„ 22nd „ do. Government House and Banqueting Hall twice, do. Penitentiary.

„ 23rd „ do. Pantheon Police, Banqueting Hall, Triplicane Dispensary, General Police and Penitentiary.

May 25th 1857, Visited Abercrombie's Battery, Grand Jail, Royapooram Hindoo Burning ground, expense Magazine, Kirk and Penitentiary.

„ 26th „ do. Pantheon Police, Government House compound wall and Banqueting Hall, Triplicane Dispensary, General Police and Penitentiary.

„ 27th „ do. Banqueting Hall and Government House compound wall, Triplicane Dispensary, General Police and Penitentiary.

„ 28th „ do. Pantheon Police, Banqueting Hall and Government House compound wall, Triplicane Dispensary and General Police, Queen's Birth day kept.

„ 29th „ do. Penitentiary.

„ 30th „ do. Pantheon Police and Penitentiary, Triplicane Dispensary, General Police, do. Penitentiary the 2nd time.

Civil Architect's Office,
Fort Saint George,
1st June 1857,

(Signed) W. H. ATKINSON, Lieut.-Colonel,
Civil Architect, P. D.

Memo. of Public Works inspected by Lieutenant Colonel W. H. Atkinson, Civil Architect Presidency Division, from 1*st to* 30*th June* 1857, *inclusive as per Diary Book kept by the Civil Architect Presidency Division.*

June 1st 1857, Visited Cathedral, Cenotaph Tannah, Guindy, Watson's Bungalow, Triplicane Dispensary, General Police and Penitentiary.

„ 2nd „ do. Government House compound wall, Pantheon Police, Triplicane Dispensary and General Police.

„ 3rd „ do. Abercrombie's Battery repairs, Grand Jail, Expense Magazine and Penitentiary.

„ 4th „ do. Cathedral for the purpose of Counting Littings, Pantheon Police, Triplicane Dispensary, General Police and Penitentiary.

„ 5th „ do. Government House compound wall, Hindoo Burning ground at Royapooram, Triplicane Dispensary, General Police, Government Office and Penitentiary.

„ 6th „ do. Pantheon Police, Major Anderson's house on Spur Tank and Penitentiary.

„ 8th „ do. Government House compound wall, Triplicane Dispensary, General Police and Penitentiary.

„ 9th „ do. Cathedral for fixing Conolly Tablet, Pantheon Police, General Police and Penitentiary.

„ 10th „ do. Government House compound wall, General Hospital, Triplicane Dispensary, General Police and Penitentiary.

„ 11th „ do. Pantheon Police, Triplicane Dispensary and General Police.

„ 12th „ do. Abercrombie's Battery, Marine Tannah, Grand Jail, Expense Magazine, Museum, and Water Cistern near Parry's Office.

„ 13th „ Was present at the embarkation of Sir P. Grant, Commander-in-Chief, visited Royapooram Burning ground, General Market, Pantheon Police, General Police, Triplicane Dispensary and Penitentiary.

„ 15th „ Visited Guindy, Captain Robert's Bungalow, which is infested with white-ants &c. Triplicane Dispensary and General Police.

„ 16th „ do. Kirk to settle the position of the Adam's Monument and Tablet.

„ 17th „ do. Penitentiary, Triplicane Dispensary and General Police.

„ 18th „ do. Pantheon Police, Government Museum, Government House compound wall and General Police.

„ 19th „ Attended Office.

Civil Auditor.

June 20th 1857, Visited Body Guard Serjeant's Quarters, Penitentiary, Pantheon Police, went to Guindy to meet the Governor by his order.
„ 22nd „ do. Government House compound wall, General Police and Penitentiary.
„ 23rd „ do. Pantheon Police, General Police, Penitentiary and Museum.
„ 24th „ do. Penitentiary.
„ 25th „ do. Pantheon Police, General Police, Triplicane Dispensary and Penitentiary.
„ 26th „ do. General Hospital, Marine Tannah yard, Royapooram Hindoo Burning ground, Grand Jail and Expense Magazine.
„ 27th „ do. Pantheon Police, General Police, Triplicane Dispensary, Museum and Penitentiary.
„ 29th „ do. Triplicane Dispensary, General Police and Penitentiary.
„ 30th „ do. Government House compound wall, Pantheon Police, Museum, New Office in the Pantheon road, General Police and Penitentiary.

Civil Architect's office, Madras, Pantheon road, 1st July 1857.

(Signed) W. H. ATKINSON, Lieut-Colonel,
Civil Architect, P. D.

Memo. of the Mileage of Public Works inspected by Lieutenant Colonel W. H. Atkinson, Civil Architect Presidency Division, for the month of July 1857, *as per Diary Book kept by the Civil Architect Presidency Division as measured on the Map of Madras.*

1857		Miles.	Furlongs.
July	1st		
„	2nd		
„	3rd	3	7
„	4th	9	5
„	6th	3	6
„	7th	4	2
„	8th	4	3
„	9th	11	2
„	10th	5	0
„	11th	3	6
„	13th	10	2
„	14th	5	0
„	15th	7	0
„	16th	3	0
„	17th	10	6
„	18th	4	7
„	20th	4	2
„	21st	14	7
„	22nd	8	7
„	23rd	13	0
„	24th	4	6
„	25th	7	2
„	27th	6	5
„	28th	15	0
„	29th	5	7
„	30th	6	0
„	31st	7	1
		11	7
		4	6
	Total.....	197	0

The journey to and fro the office daily is not included in the foregoing.

Civil Architect's Office, Madras, Pantheon road, 1st August 1857.

(Signed) W. H. ATKINSON, Lieut.-Colonel,
Civil Architect, P. D.

Memo. of Public Works inspected by Lieutenant Colonel W. H. Atkinson, Civil Architect Presidency Division, from 1*st to* 31*st July* 1857, *inclusive as per Diary Book kept by the Civil Architect Presidency Division.*

July 1st 1857, Visited Government House compound wall, Triplicane Dispensary and General Police.
„ 2nd „ do. Pantheon Police, Penitentiary, General Police, Work yard in the Fort and Penitentiary.
„ 3rd „ do. Penitentiary.
„ 4th „ do. Pantheon Police, Government House compound and wall on Triplicane side and General Police.
„ 6th „ do. Penitentiary and General Police.
„ 7th „ do. Grand Jail, Hindoo Burning ground and Expense Magazine.
„ 8th „ do. Government House compound and Mount road gate, Peon's Guard Room, Penitentiary, Pantheon Police and General Police.
„ 9th „ do. Penitentiary.
„ 10th „ do. Guindy.
„ 11th „ do. Government House compound wall, Penitentiary, Pantheon Police and General Police.
„ 13th „ do. Sudder Court, General Police and Penitentiary.
„ 14th „ do. General Police and Pantheon Police.
„ 15th „ do. Cathedral, Government House works, Penitentiary, General Police, Pantheon Police and Penitentiary 2nd time.
„ 16th „ do. Pantheon Police, Penitentiary and General Police.
„ 17th „ do. Pantheon Police and Penitentiary.
„ 18th „ do. Guindy Watson's Bungalow and Government House, Cathedral, General Police, Pantheon Police and Penitentiary.
„ 20th „ do. Government House works, Penitentiary, General Police, Pantheon Police and Penitentiary 2nd time.
„ 21st „ do. Supreme Court, Hindoo Burning ground, Grand Jail, Slaughter House, Pantheon Police and Penitentiary.
„ 22nd „ do. General Police, Pantheon Police and Penitentiary.
„ 23rd „ do. Government House and compound, General Police, Pantheon Police and Penitentiary.
„ 24th „ do. Cathedral, General Police, Pantheon Police and Penitentiary.
„ 25th „ do. Guindy, Watson's Bungalow, General Police, Pantheon Police and Penitentiary.
„ 27th „ Rain all night and in the morning visited Pantheon Police, Fort and Penitentiary.
„ 28th „ Visited Government House works, Pantheon Police and Penitentiary and General Police.
„ 29th „ do. Government House, Penitentiary, General Police and Pantheon Police.
„ 30th „ do. Supreme Court work, Hindoo Burning ground, Grand Jail, Pantheon Police and Penitentiary.
„ 31st „ do. General Police Office, Pantheon Police and Penitentiary.

Civil Architect's Office, Madras, Pantheon road, 1st August 1857.

(Signed) W. H. ATKINSON, Lieut.-Colonel,
Civil Architect, P. D.

Civil Auditor

No. 21. Ordered in consequence that the following letter be despatched.

From H. FORBES, Esq., Acting Secretary to the Government of Fort Saint George; to Colonel W. E. BAKER, Secretary to the Government of India, D. P. W., dated 5th November 1857, No. 2067.

SIR,

Para. 1. I am directed by the Right Honorable the Governor in Council to acknowledge the receipt of your letter, dated 10th July 1857 No. 3389, in which exception is taken on the part of the Government of India, to the proceeding of this Government, in permitting the Garrison Engineer and Civil Architect to draw Travelling Allowance at the rate of five Rupees a day, in such a manner as to make it a permanent addition to their fixed salaries, and directing that the allowance be discontinued, and the sum drawn on that account refunded.

2. In reply I am desired to state that these directions of the Government of India, have been carried into effect, and that the Civil Auditor has reported that retrenchments have been issued against the above Officers for the sums already drawn by them.

3. I am however instructed to explain, with reference to the remarks of the Government of India, that in authorizing, by the orders of the 3rd April last, the grant of travelling allowance, this Government was influenced by the representations made by the Garrison Engineer regarding the extent of his charge, the number of works that daily come under his supervision, and the distances he had to travel for the performance of his duties, circumstances which, in the opinion of his Lordship in Council, called for some consideration. The Garrison Engineer stated that his duties extended over an extent of 18 square miles, that they comprized a vast number of intricate works scattered all over the Presidency, that he had 60 or 70 works to look after, and that he seldom travelled less than 15 miles a day, and not unfrequently 20 and 25 miles.

4. Under the Rules of the Public Works Department of this Presidency, published on the 27th January last, and which are similar to those contained in the Bengal Notification of the 17th June 1856, travelling allowance is granted to District Engineers and Executive Officers when they travel five miles from their fixed stations; and although it cannot be said, in the case of either the Garrison Engineer or the Civil Architect, that they travel, in the sense in which that term is applied by the Government of India, "in Tents or by Dawk," beyond their fixed stations, yet, being the only Executive Officers, each in his particular Department, and having to superintend and carry out works "scattered all over the Presidency," they necessarily have to traverse daily a larger extent of ground than that which usually devolves on District Engineers, and to do this without delay to their duties, they have to keep up a larger and more expensive establishment of servants and conveyances than would otherwise be necessary.

5. The Governor in Council, in granting the allowance, directed that Diaries should be kept to shew the daily movements of the Garrison Engineer and Civil Architect, and the distances travelled in the performance of their respective duties. The accompanying returns have accordingly been furnished for the months of May, June, and July, and exhibit the specific public works visited, on each day, and the aggregate distance travelled on the public service. It will be seen that, exclusive of journeys to office and back again, which alone in this Presidency vary from six to fourteen miles, the Garrison Engineer has travelled distances extending to 12, 15, and even 21 miles a day, and that the daily average distance travelled by him in the performance of his duty ranges from 9 to 11 miles. The results shewn in the Civil Architect's returns are somewhat similar. It was indeed the consideration of the fact that the duties of the Garrison Engineer and Civil Architect involved a greater amount of travelling than usually falls to the lot of District Engineers, that induced this Government to grant Travelling allowance, and they believed, that in following the same principle as that under which the allowance had been given to District Engineers and Executive Officers, they were acting correctly. It will not fail to strike the Government of India, that the calls which their public duties make upon these two Officers are incessant, and that while District Engineers are frequently at their Head Quarters for a length of time, and even when marching remain some days at each important work, there is scarcely a day in which the Garrison Engineer and Civil Architect have not to move

13m

about; it will be obvious that this constant locomotion requires more means of effecting it than occasional movements would, and that expence is increased in consequence.

6. In regard to the observation that this Government had previously negatived the application of the Garrison Engineer for travelling allowance, the Governor in Council desires to remark that at the time the Government maintained that ruling, they had not had before them any representation of the distances daily traversed by the two Officers, and that it was only after being reminded of the circumstance, that they were induced to take a different view, and to pass the order to which exception has now been taken.

7. In conclusion I am directed to add, that there are no other Officers in the Department Public Works situated similarly with the Garrison Engineer and Civil Architect, to whom any grant under the name of travelling allowance has been passed by this Government. His Lordship in Council desires me to express his hope that under the explanation given above, the Government of India will be able to grant to the Garrison Engineer and Civil Architect of Madras, the allowance to which this Government has considered and still considers them justly entitled.

Civil Auditor.

General Department 15th

No. 246.

From

J. Lushington Esqre
Civil Auditor

To

H. Forbes Esqre
Actg. Secy. to Govt. P.W.D.

Sir,

In obedience to the orders of Govt. Communicated in Extract Minutes of Consultation No. 1501 dated 3d August 1857, I have the honor to state that it does not appear that there are any other Officers in the Public Works Department at Madras besides the Civil Architect and Garrison Engineer who have drawn travelling allowances in a manner so as to make them virtually additions to their salaries.

I have also the honor to report that retrenchments have been issued against the Civil Architect and Garrison Engineer for travelling allowances drawn by them on their own account as well as on behalf of their subordinates.

I have the honor to be,
Sir,
Your most obedient Servant.

J. Lushington
Civil Auditor.

Fort Saint George,
Civil Audr. Office,
10th September 1857.

E Chisholm

No. 4/180

Wm. Yr. Civil Engineer

&c. &c. &c.

To The Secretary to Government P.W.D.

Sir

I have the honor to Enclose herein, Cons: No 1816 dated 10th Sept. 1857 for the sum of Rupees Two hundred and Eighty Eight only, in favor of Mr. Yr. Civil Engineer, on account of Contingencies of his office for the month of September last.

2. I have the honor to forward statements of monthly visits and corresponding distances travelled by the Civil Architect and Garrison Engineer during the months of May, June and July 1857.

2. These reports have been delayed by the failure of Colonel Atkinson and Captain Rawlins to comply punctually with the orders they received to forward them.

I have the honor to be,
Sir
Your most obt. servant.

Central Circle
Fort Saint George,
3rd October 1857.

Lt. Colonel,
Chief Engineer.

No. 19.

Comm. 4 August to 4 Sept 1857

Public Works Department
Dy. No. 1857
10 Nov 57
No. 1813.

From,
To Lushington Esqr
Civil Auditor

To,
H. Forbes Esqr
Actg Secy to Govt
P.W.D.

Dated 10th Sept
Rec'd 12th } 1857.

No. 246.
No.

States that there are no other officers in the P.W.D. besides the Civil Architect and Garrison Engineer drawing travelling allowances in addition to their salaries & reports that no retrenchments have been effected against them for the sums already drawn by them.

Political Dept.
Bombay Castle 29th October 1857

No. 2067.

To

Colonel M.G. Baker

Secretary to the Government of
India

Sir,

I am directed by the
Right Honorable the Governor
in Council to acknowledge the
receipt of your letter dated 15th
Sept. 1857 No. 3380, enclosing
a letter from the Civil Engineer
in charge of the Public Works
Department, and Plans relating to
Quarantine Ground at Versova
Superintendent of Police
Salsette to obtain Approval
to the Estimate of Rupees
Fifteen thousand Seven hundred
and Forty four for Erecting
Quarantine Buildings at
Versova in Salsette

I have &c.
(Signed) J. Peet
Secy to Govt

Public Works Department
Dated 30th October 1857
No. 1964

From

The Chief Engineer

To

The Secretary to Government
B.C.W.D.

Dated 30th } October 1857
Received 31st }

No. 4180

6 Enclosures Rec'd 2nd Nov. 57
Ref. No. 2067 of 1st Nov. 57

Forwards Statements of Works
visited and corresponding distance
travelled by the Civil Architect
and Garrison Engineer during the
months of May, June & July 57

Copies of the Returns
sent to the Public
Office 5th Nov. 57

No 23.

Cons. 29th Sept. 57 No. 16.
" 4th Sept. " " 76477.
" 9th Sept. " " 45647.

C 20th October R 22nd

2. In reply I am desired to state that these directions of the Government of India have been carried into effect, and that the Civil Auditor has reported that retrenchments have been issued against the above officers for the sums already drawn by them.

3. I am however instructed to explain, with reference to the remarks of the Government of India, that in authorizing, by their orders of the 3rd April last, the grant of travelling allowance, their Government was influenced by the representations made by the Garrison Engineer regarding the extent of his charge, the number of works that daily came under

under his supervision, and the distances he had to travel for the performance of his duties, circumstances which, in the opinion of His Lordship in Council, called for some consideration. The Garrison Engineer stated that his duties extended over an extent of 18 Square miles, that they comprized a vast number of intricate works scattered all over the Presidency, that he had to look after, and that he seldom travelled less than 15 Miles a day, and not unfrequently 20 and 25 Miles.

4. Under the Rules of the Public Works Department of this Presidency published on the 27th January last, and which are similar to those

contained

Contained in the Bengal Notification of the 17th June 1856, travelling allowance is granted to District Engineers and Executive Officers when they travel more than five miles from their fixed Stations, and altho it cannot be said, in the case of either the Garrison Engineer or the Civil Architect, that they travel, in the sense in which that term is applied by the Government of India, "into or beyond their fixed Stations, yet, being the only Executive Officers, each in his particular Departt, and having to superintend and carry out works "scattered all over the Presidency," they necessarily

necessarily have to traverse daily a larger extent of ground than that which usually devolves on District Engineers and to do this without delay to their duties, they have to keep up a larger and more expensive Establishment of Servants and conveyances than would otherwise be necessary.

The Governor in Council, in granting the allowance, directed that diaries should be kept to shew the daily movements of the Garrison Engineer and Civil Architect, and the distances travelled in the performance of their respective duties. The accompanying returns have accordingly been furnished for the months of May, June, and

and July, and exhibit the specific public works visited on each day, and the aggregate distance travelled on the public service. It will be seen that, exclusive of journeys to Office and back again, which alone in this Presidency vary from six to fourteen miles, the Garrison Engineer has travelled distances extending 12 to 15, and even 21 miles a day, and that the daily average distance travelled by him in the performance of his duty ranges from 9 to 11 miles. The results shewn in the Civil Architects' returns are somewhat similar. It was indeed the consideration of the fact that the

the duties of the Garrison Engineer and Civil Architect involved a greater amount of travelling than usually falls to the lot of district Engineers, that induced this Government to grant travelling allowance, and they believed, that in following the same principle, as that under which the allowance had been given to District Engineers and executive Officers, they were acting correctly. It will not fail to strike the Government of India, that the calls which their public duties make upon these two Officers are incessant, and that while District Engineers are frequently at their head quarters for a length of time, and even when marching remain

remain some days at each important work, there is scarcely a day in which the Garrison Engineer and Civil Architect have not to move about; it will be obvious that this constant locomotion requires more means of effecting it than occasional movements would, and that ~~increased~~ expence is incurred in consequence.

6. In regard to the observation that this Government had previously negatived the application of the Garrison Engineer for travelling allowance, the Governor in Council desires to remark that at the time the Government maintained that ruling, they had not had before them any representation of the distances daily traversed by the two Officers, and that it was only after being reminded of the circumstance, that they were induced to take a different view, and to pass the order to which exception has now been taken.

7. In conclusion I am directed to add, that there are no other Officers in the Department Public Works situated similarly with the Garrison Engineer and Civil Architect to whom any grant under the name of travelling allowance has been passed by this Government. His Lordship in Council desires me to express his hope that under the explanation

plantation given above the Government of India will be able to grant to the Garrison Engineer and Civil Architect of Madras the allowance to which this Government has considered them justly entitled.

I have considered

Fort St. George
5th November 1857

Public Works 1857 Despatch
Dto Letter 15th Feby

No 206

From
The Secretary to the
Govt of India. D. No 76
Dated 5th February 1857.
Rec'd 30th April & Ans. 24 June

8 January 58

Stating that the Civil Auditor has reported that retrenchments have been issued against the Garrison Engineer and Civil Architect for the sums already drawn by them under the Head of Travelling allowance.

No 19 at 21

820 To No 22