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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3052 Press / Misc

Dated 15 - 12 - 1870.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 15th December 1870.

Read the following papers :—

No. 336. From the Superintending Engineer, 1st Division.
(Here enter No. 368, dated 5th May 1870.)

No. 337. From do. do., 2nd Division.
(Here enter No. , dated 18th April 1870.)

No. 338. From do. do., 3rd Division.
(Here enter No. , dated 15th April 1870.)

No. 339. From do. do., 4th Division.
(Here enter No. 344, dated 25th April 1870.)

No. 340. From do. do., 4th Division.
(Here enter No. 2,065, dated 17th August 1870.)

No. 341. From do. do., 5th Division.
(Here enter No. 27, dated 25th April 1870.)

No. 342. From do. do., 6th Division.
(Here enter No. , dated 27th April 1870.)

No. 343. From do. do., 6th Division.
(Here enter No. 406, dated 20th August 1870.)

No. 344. From do. do., 7th Division.
(Here enter No. 21, dated 25th April 1870.)

No. 345. From do. do., 8th Division.
(Here enter No. , dated 9th April 1870.)

No. 346. From the Special Executive Engineer, Wynaad.
(Here enter No. 324, dated 2nd May 1870.)

No. 346-A. From the Secretary to the Board of Revenue.
(Here enter No. , dated 19th July 1870.)

No. 346-B. From do. do.
(Here enter No. 748, dated 27th July 1870.)

No. 346-C. From the Director of Public Instruction, Madras.
(Here enter No. 1,366, dated 5th August 1870.)

No. 347. ORDER THEREON, 15th December 1870, No. 3,052.

LOCAL FUNDS, No. 39.
Account.

ORDERED that the following letter be sent :—

(Here enter No. 3,053, dated 15th December 1870.)

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

Ed. E. C. Shunker.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 15*th December* 1870.

No. 348.

No. 3,053.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

LOCAL FUNDS, No. 31.
Account.

SIR,—I am directed by the Right Honourable the Governor in Council to forward, for the information of the Government of India, the Annual Report of Local Funds expenditure on Public Works in this Presidency for the year 1869-70.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

ANNUAL PROGRESS REPORT OF PUBLIC WORKS IN THE MADRAS PRESIDENCY UNDERTAKEN FROM LOCAL FUNDS DURING THE YEAR 1869-70.

The total Budget assignment from Local Funds for outlay on Public Works during the year 1869-70 was Rupees 27,04,420 distributed as follows :—

Heads of Services.	For expenditure by		Total.
	Public Works Officers.	Officers of other Departments.	
	RS.	RS.	RS.
New Works	14,95,890	1,70,370	16,66,260
Repairs	5,66,350	1,31,440	6,97,790
Establishment	3,03,970	14,820	3,18,790
Tools and Plant	18,640	2,910	21,580
Total ...	23,84,850	3,19,570	27,04,420

2. The entire outlay under all heads of service was Rupees 26,44,762 classified as below :—

Heads of Services.	By Public Works Officers.	By other Departments.	Total.
	RS.	RS.	RS.
New Works	12,87,134	1,58,739	14,45,873
Repairs	6,93,373	1,94,471	8,87,844
Establishment	2,84,266	13,347	2,97,613
Tools and Plant	13,432	...	13,432
Total ...	23,78,205	3,66,557	26,44,762

3. The following Statement shows the expenditure incurred by Public Works Officers and by Officers of the Revenue and Educational Departments respectively.

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
							District Road Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	40,193	24,122	...	4,700	2,797	...	...	...
Vizagapatam.	...	...	...	...	...	...	...	...	1,16,280	14,800	...	...	...	...	1,358	...
Godavery ...	...	...	...	...	...	...	...	...	1,47,102	14,538	...	...	...	2,780	4,296	505
Kistna ...	...	...	...	...	...	...	...	...	80,553	16,685	10,338	379	1,416	...	...	955
Nellore ...	...	...	...	...	...	...	...	...	56,466	17,845	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	46,875	50,686	...	...	...	...	349	4,288
Kurnool ...	...	...	...	...	...	...	...	...	57,768	18,744	...	3,736	...	...	536	1,893
Bellary ...	...	...	...	...	...	160	...	...	31,169	62,849	...	3,940	...	...	...	...
Presidency...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput...	...	...	...	...	...	...	...	...	18,810	29,765	750	...	...	...	...	2,642
North Arcot.	...	...	...	...	...	...	...	...	1,898	70,732	1,947	300	...	...	5,572	1,399
South Arcot.	...	...	...	...	...	...	...	...	32,633	62,651	...	...	463	78	18	2,727
Salem ...	...	...	...	...	...	...	...	...	8,782	2,599	350	84,706	...	...	...	11,535
Tanjore ...	...	...	...	...	...	...	...	...	1,90,364	80,851	...	158	...	...	7,678	...
Trichinopoly.	...	...	...	...	...	...	...	...	28,368	36,681	...	1,027	1,893	...	264	192
Coimbatore...	...	...	...	...	...	...	...	...	39,705	51,136	580	12,972	...	...	725	2,139
Neilgherries.	...	...	...	...	...	...	...	...	500	6,660	...	...	...	...	...	13
Malabar ...	...	109	...	...	...	...	...	...	74,075	53,487	369	1,914	1,897	...	2,588	79
South Canara.	...	...	...	...	...	...	...	...	32,803	7,647	272	5,676	...	...	1,052	836
Madura ...	...	...	...	...	10,000	...	...	...	5,617	2,487	30,438	11,311	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	94,320	42,863	669	2,276	...	...	...	...
Total...	...	109	...	...	10,000	160	...	...	11,04,281	3,67,828	45,713	1,33,095	8,466	2,858	24,436	29,203

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
					District Road Fund.—(Concluded.)											
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	42,990	24,122	...	4,700	3,103	6,711	9,814	...	...	...	...	...	...	100	81,726	...
Vizagapatam.	1,16,280	14,800	1,358	...	3,756	13,099	16,855	...	...	...	...	...	...	3,569	1,5 ,862	..
Godavery ...	1,47,102	17,318	4,296	505	6,918	16,441	23,359	600	...	600	...	...	...	168	1,93,348	...
Kistna ...	81,969	16,685	10,338	1,334	8,192	9,865	18,357	...	...	...	...	...	...	1,259	1,29,942	...
Nellore ...	56,466	17,845	...	...	4,683	7,431	12,114	...	...	...	...	...	...	460	86,885	...
Cuddapah ...	46,875	50,686	349	4,288	3,313	10,447	13,760	...	...	...	...	...	...	1,544	1,17,502	...
Kurnool ...	57,768	18,744	536	5,629	2,474	7,936	10,410	45	...	45	...	...	...	2,196	95,328	...
Bellary ...	31,169	63,009	...	3,940	4,895	10,106	15,001	...	...	...	...	...	...	207	1,13,326	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	18,810	29,765	750	2,642	3,974	4,782	8,756	558	...	558	...	...	...	146	61,427	...
North Arcot.	1,898	70,732	7,519	1,699	6,450	7,263	13,713	587	...	587	...	...	...	376	96,524	...
South Arcot.	33,096	62,729	18	2,727	4,422	9,582	14,004	150	...	150	...	...	...	806	1,13,530	...
Salem ...	8,782	2,599	350	96,241	...	1,138	1,138	2,000	...	2,000	...	...	...	...	1,11,110	...
Tanjore ...	1,90,364	80,851	7,678	158	8,014	27,141	35,155	...	...	...	...	...	...	235	3,14,441	...
Trichinopoly.	30,261	36,681	264	1,219	3,686	6,695	10,381	...	...	...	...	...	...	89	78,895	...
Coimbatore...	39,705	51,136	1,305	15,111	3,547	9,084	12,631	768	...	768	...	...	...	856	1,21,512	...
Neilgherries..	500	6,660	...	13	1,463	862	2,325	...	...	...	...	...	...	...	9,498	...
Malabar ...	75,972	53,596	2,957	1,993	3,012	12,844	15,856	...	...	...	...	...	...	300	1,50,674	...
South Canara.	32,803	7,647	1,324	6,512	2,834	4,045	6,879	700	...	700	...	...	...	319	56,214	...
Madura ...	15,617	2,487	30,438	11,311	2,723	1,792	4,515	...	...	...	...	...	...	2	64,370	...
Tinnevelly ...	94,320	42,863	669	2,276	4,564	13,718	18,282	...	...	...	...	...	...	763	1,59,173	...
Total...	11,22,747	6,70,955	70,149	1,62,298	82,323	1,80,982	2,63,305	5,408	...	5,408	...	...	...	13,425	23,08,287	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS. — CIVIL BUILDINGS — By Public Works Officers. — New Works.	Repairs.	By Officers of the Revenue Department. — New Works.	Repairs.	AGRICULTURAL — By Public Works Officers. — New Works.	Repairs.	By Officers of the Revenue Department. — New Works.	Repairs.	COMMUNICATIONS — By Public Works Officers. — New Works.	Repairs.	By Officers of the Revenue Department. — New Works.	Repairs.	MISCELLANEOUS PUBLIC IMPROVEMENT — By Public Works Officers. — New Works.	Repairs.	By Officers of the Revenue Department. — New Works.	Repairs.
								Jungle Conservancy Fund.								
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,500	...
Godavery ...	...	...	...	...	...	...	...	...	56	...	...	...	...	...	715	...
Kistna ...	...	...	...	...	...	...	...	...	11,866	...	...	...	...	...	4,236	...
Nellore ...	...	...	...	...	...	...	...	...	18	...	...	...	...	...	20,468	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24	2,616
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,589	..
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,364	598
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	1,203	...	...	...	...	...	980	726
North Arcot.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	27,486	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,259
Trichinopoly.	...	..	...	...	...	...	...	...	730	1,725	..	...	...	...	896	190
Coimbatore...	...	...	...	...	...	...	...	...	150	...	...	...	...	...	316	1,645
Neilgherries.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	225	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	108	1,721
Madura ...	...	...	...	...	190	...	...	...	...	...	...	...	...	...	137	2,562
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	147	2,028
Total...	...	...	...	...	190	...	..	...	14,023	1,725	...	...	...	...	68,191	13,315

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS. — TOTAL — By Public Works Officers. — New Works.	Repairs.	By Officers of the Revenue Department. — New Works.	Repairs.	ESTABLISHMENT. — By Public Works Officers. — Petty.	Ten per cent. for Public Works Supervision.	Total.	By Officers of the Revenue Department. — Petty.	Ten per cent. for Public Works Supervision.	Total.	By Officers of the Educational Department. — Petty.	Ten per cent. for Public Works Supervision.	Total.	Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
								Jungle Conservancy Fund.—(Concluded.)								
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam.	...	...	2,500	...	...	...	...	...	...	...	...	...	...	...	2,500	..
Godavery ...	56	...	715	...	...	6	6	...	...	...	...	...	...	...	777	...
Kistna ...	11,866	...	4,236	...	...	1,187	1,187	...	...	...	...	...	...	...	17,289	...
Nellore ...	18	...	20,468	...	...	2	2	3,445	...	3,445	...	...	...	...	23,933	...
Cuddapah ...	...	...	24	2,616	...	...	...	...	...	...	...	...	...	...	2,640	...
Kurnool ...	...	...	3,589	...	...	...	...	...	...	...	...	...	...	...	3,589	...
Bellary ...	...	...	6,364	598	...	...	...	...	...	...	...	...	...	...	6,962	...
Presidency ...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	1,203	...	980	726	...	120	120	...	...	...	...	...	...	...	3,029	...
North Arcot.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	27,486	...	...	...	...	...	...	...	...	...	...	...	27,486	...
Tanjore ...	...	...	...	1,259	...	...	...	...	...	...	...	...	...	...	1,259	...
Trichinopoly.	730	1,725	896	190	...	245	245	...	...	...	...	...	...	...	3,786	...
Coimbatore ...	150	...	316	1,645	...	15	15	134	...	134	...	...	...	...	2,260	...
Neilgherries.	...	...	225	...	...	...	...	...	...	...	...	...	...	...	225	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	108	1,721	...	...	...	...	...	...	...	...	...	...	1,829	...
Madura ...	190	...	137	2,562	...	19	19	2,322	...	2,322	...	...	...	...	5,230	...
Tinnevelly ...	...	...	147	2,028	...	...	...	2,038	...	2,038	...	...	...	...	4,213	...
Total...	14,213	1,725	68,191	13,345	...	1,594	1,594	7,939	...	7,939	...	...	...	...	1,07,007	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
			By Educational Department.				*Educational Fund.*									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	63,242	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot.	799	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	11,748	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	75,789	48	...	...	...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
			By Educational Department.		*Educational Fund.*—(Concluded.)											
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	63,242	48	...	...	...	6,329	6,329	...	...	...	...	...	...	...	69,619	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot...	799	...	...	...	...	80	80	...	...	...	...	...	...	...	879	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	11,748	...	...	...	...	1,175	1,175	...	...	...	...	...	...	...	12,923	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	75,789	48	...	...	...	7,584	7,584	...	...	...	...	...	...	...	83,421	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works	Repairs.	New Works	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
							Canal Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	2,102	11,000	...	...	...	...	...	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	...	...	...	...	...	...	...	...	2,102	11,000	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.										
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.			Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
							Canal Fund.—(Concluded.)									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	2,102	11,000	...	...	2,280	1,310	3,590	...	...	...	...	...	...	...	16,692	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	2,102	11,000	...	...	2,280	1,310	3,590	...	...	...	...	...	...	...	16,692	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
							Nanul Grass Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam..	...	...	...	...		...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	909	...	...	...	...	...	...	...	...	...	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	...	...	...	...	...	909	...	...	...	...	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
							Nanul Grass Fund.—(Concluded.)									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,000	...
Tanjore ...	...	909	...	...	...	91	91	...	...	...	...	...	...	...	...	...
Trichinopoly .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	...	909	...	...	...	91	91	...	...	...	...	...	...	...	1,000	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works	Repairs.
							Income Tax Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.								Tools and Plant by Public Works Officers.	Grand Total	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.				
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.											
							Income Tax Fund—(Concluded.)								
	RS.	RS.	RS.	RS	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries .	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Work Officers		By Officers of the Revenue Department.		By Public Works Officers		By Officers of the Revenue Department.	
	New Works	Repairs.	New Works	Repairs.	New Works	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs
							Public Bungalow Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	650	15
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	1,259	...	...	...	...	...	72
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly ..	...	...	...	...	...	...	...	...	...	220	...	...	...	...	...	228
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	313
Neilgherries ..	...	...	...	...	...	...	...	...	4,670	455	...	...	...	...	...	2,853
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	241
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Madura ...	...	...	...	...	...	...	...	...	...	226	...	...	...	...	...	332
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	...	...	...	...	...	...	...	...	4,670	2,160	...	...	...	...	650	4,069

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
					Public Bungalow Fund.—(Concluded.)											
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	665	...
Bellary ...	...	...	650	15	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...
Chingleput ...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	1,259	...	72	...	126	126	...	...	...	...	...	...	...	1,457	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	220	...	228	...	22	22	...	...	...	...	...	...	...	470	...
Neilgherries....	...	...	...	313	...	...	...	...	...	...	...	...	...	...	313	...
Malabar ...	4,670	455	...	2,853	...	512	512	...	...	...	...	...	...	...	8,490	...
South Canara..	...	...	...	241	...	...	...	...	...	...	...	...	...	...	241	...
Madura ...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	12	...
Tinnevelly ...	...	226	...	332	...	23	23	...	...	...	...	...	...	...	581	...
Total...	4,670	2,160	650	4,069	...	683	683	...	...	...	...	...	...	...	12,232	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.
							Port Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	27	900	...	...
Vizagapatam...	...	...	...	...	...	...	...	...	...	...	...	...	2,964	111	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	1,251	285	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	707	...	...	...	...	...	...	...	...	...	...	...	26,792	278	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	222	4,051	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries ...	...	...	...	...	...	...	...	...	...	...	...	...	25,000	501	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	150	250	...	...
South Canara...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	7,110	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...				
Total...	707	...	...	...	...	...	...	...	...	...	...	...	63,516	6,376	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.								Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.				
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision	Total.		
	New Works.	Repairs.	New Works	Repairs.											
							Port Fund.—(Concluded.)								
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	27	900	...	...	...	93	93	...	...	...	...	...	...	1,020	...
Vizagapatam..	2,964	111	...	...	...	307	307	...	...	...	...	...	...	3,382	...
Godavery ...	1,251	285	...	...	...	154	154	...	...	...	...	...	...	1,690	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	27,499	278	...	...	...	2,778	2,778	...	...	...	...	...	...	30,555	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	222	4,051	...	...	...	427	427	...	...	...	...	...	7	4,707	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	25,000	501	...	...	...	2,550	2,550	...	...	...	...	...	...	28,051	....
South Canara.	150	250	...	...	...	40	40	...	...	...	...	...	...	440	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	7,110	...	...	...	...	711	711	...	...	...	...	...	...	7,821	...
Total...	64,223	6,376	...	...	...	7,060	7,060	...	...	...	...	...	7	77,666	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
							Endowment Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam...	...	...	...	...	...	...	...	...	...	108	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10,603	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,290
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	257
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	500	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,677	1,548
South Canara...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4,492	691
Madura ...	...	...	...	...	...	...	...	...	3,390	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	3,390	108	...	...	...	...	17,272	8,877
Total...	...	...	...	...	...	...	...	...								

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New works.	Repairs.	New Works.	Repairs.												
							Endowment Fund.—(Concluded.)									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	119	...
Godavery ...	...	108	...	...	...	11	11	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	70	...
Chingleput ...	...	...	...	70	...	...	...	...	...	...	...	...	...	...	10,603	...
North Arcot.	...	...	10,603	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6,290	...
Tanjore ...	...	...	...	6,290	...	...	...	...	...	...	...	...	...	...	257	...
Trichinopoly.	...	...	...	257	...	...	...	...	...	...	...	...	...	...	21	...
Coimbatore ...	...	...	...	21	...	...	...	...	...	...	...	...	...	...	500	...
Neilgherries.	...	...	500	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,225	...
Madura ...	...	...	1,677	1,548	...	...	...	...	...	...	...	...	...	...	8,912	...
Tinnevelly ...	3,390	...	4,492	691	...	339	339	...	...	...	...	...	...	...	...	...
Total...	3,390	108	17,272	8,877	...	350	350	...	...	...	...	...	...	...	29,997	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.
								Pound Fund.								
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	582
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,127
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	128	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	26	205
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	536	299
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	148	71
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	186	68
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	253
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,785
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	799	505
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	101
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	530	209
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	53
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	109	204
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	420
Total...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2,477	5,882

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
								Pound Fund.—(Concluded.)								
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	582	...	...	...	...	...	...	...	...	...	...	582	...
Kistna ...	...	...	...	1,127	...	...	...	...	...	...	...	...	...	...	1,127	...
Nellore ...	...	...	128	...	...	...	...	...	...	...	...	...	...	...	128	...
Cuddapah ...	...	...	26	205	...	...	...	...	...	...	...	...	...	...	231	...
Kurnool ...	...	...	536	299	...	...	...	...	...	...	...	...	...	...	835	...
Bellary ...	...	...	148	71	...	...	...	...	...	...	...	...	...	...	219	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	186	68	...	...	...	...	...	...	...	...	...	...	254	...
North Arcot...	...	...	...	253	...	...	...	...	...	...	...	...	...	...	253	...
South Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	1,785	...	...	...	...	...	...	...	...	...	...	1,785	...
Tanjore ...	...	...	799	505	...	...	...	...	...	...	...	...	...	...	1,304	...
Trichinopoly...	...	...	...	101	...	...	...	...	...	...	...	...	...	...	101	...
Coimbatore ...	...	...	530	209	...	...	...	...	...	...	...	...	...	...	739	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara..	...	...	15	53	...	...	...	...	...	...	...	...	...	...	68	...
Madura ...	...	...	109	204	...	...	...	...	...	...	...	...	...	...	313	...
Tinnevelly ...	...	...	...	420	...	...	...	...	...	...	...	...	...	...	420	...
Total...	...	...	2,477	5,882	...	...	...	...	...	...	...	...	...	...	8,359	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Continued.)*

Districts.	DISTRICT ROAD, ETC., FUNDS															
	CIVIL BUILDINGS				AGRICULTURAL				COMMUNICATIONS				MISCELLANEOUS PUBLIC IMPROVEMENT			
	By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.		By Public Works Officers.		By Officers of the Revenue Department.	
	New Works	Repairs	New Works.	Repairs.	New Works.	Repairs.	New Works	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.	New Works.	Repairs.
							Lungerkanah Fund.									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Vizagapatam..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nellore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Cuddapah ...	...	...	...	...	...	...	...	...	...	92	...	...	...	...	...	...
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Arcot...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Trichinopoly...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Neilgherries...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
South Canara..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total...	...	...	...	...	...	...	..			92	...	...	...	...	...	...

STATEMENT showing the outlay from Local Funds of all descriptions under Budget heads during the year 1869-70.—*(Concluded.)*

Districts.	DISTRICT ROAD, ETC., FUNDS.				ESTABLISHMENT.									Tools and Plant by Public Works Officers.	Grand Total.	Total Outlay from all Funds.
	TOTAL				BY PUBLIC WORKS OFFICERS.			BY OFFICERS OF THE REVENUE DEPARTMENT.			BY OFFICERS OF THE EDUCATIONAL DEPARTMENT.					
	By Public Works Officers.		By Officers of the Revenue Department.		Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent. for Public Works Supervision.	Total.	Petty.	Ten per cent for Public Works Supervision.	Total.			
	New Works.	Repairs.	New Works.	Repairs.												
							Lungerkanah Fund.—(Concluded.)									
	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82,746
Vizagapatam...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,58,744
Godavery ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,96,516
Kistna ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,48,358
Nellore ...	...	92	...	...	...	9	9	...	...	...	...	...	...	...	101	1,11,047
Cuddapah ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,20,373
Kurnool ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	99,752
Bellary ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,21,172
Presidency ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,00,174
Chingleput ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	81,475
North Arcot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,08,259
South Arcot ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,13,530
Salem ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,41,838
Tanjore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3,29,001
Trichinopoly	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	83,039
Coimbatore ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,25,002
Neilgherries ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10,536
Malabar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,87,215
South Canara.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	71,715
Madura ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73,150
Tinnevelly ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1,81,120
Total...	...	92	...	...	...	9	9	...	...	...	...	...	...	...	101	26,44,762

CIVIL BUILDINGS.

4. *The Presidency College.*—The Presidency College which was opened by His Royal Highness the Duke of Edinburgh during his short stay in Madras was virtually ready for occupation, the Central Tower alone remaining incomplete. The materials are a light-coloured granite from Sholinghur, blue lime-stone from the Cuddapah District with red brick, and when the grounds are laid out and planted the building will have a handsome appearance. The expenditure in 1869-70 was Rupees 35,000, and the total expenditure has reached the sum of Rs. 2,80,264.

5. *Senate House.*—A beginning was made with the new Senate House which stands not far from the Revenue Board Office, but is nearer the sea. This when completed will be another among the handsome buildings which are being added to the town. At present only the foundations have been laid at a cost of Rs. 23,152, the work having been designed with the greatest care with the view to secure both comfort and architectural effect.

6. *Provincial School, Mangalore.*—The Provincial School at Mangalore in the South Canara District was, with the exception of an out-house, completed and given over for occupation. The outlay during the year was Rupees 11,748, and a sum of Rupees 799 was spent on the School-house at Wallajapett in the South Arcot District.

Wallajapett School.

COMMUNICATIONS.

		Rs.	Rs.
* New Works	*Public Works Officers.*	11,28,166	
Repairs		6,82,913	
			18,11,379
New Works	*Revenue Officers.*	45,713	
Repairs		1,33,095	
			1,78,808
	Total...		19,90,187

7. The total expenditure during the year on Communications was Rs. 19,90,187, the largest outlay having been incurred in the following Districts:—

	Rs.
Tanjore	2,71,373
Godavery	1,61,804
Tinnevelly	1,43,744
Malabar	1,31,970
Vizagapatam	1,31,080
Kistna	1,19,821
Coimbatore	1,04,613
Cuddapah	97,561

8. *Ganjam.*—A sum of Rupees 153 was spent on the road from Cunchilly to Barwar; 3 miles of the line were gravelled and 4 miles turfed. The earth-work and turfing on the road between Aska and Soorada, which was undertaken with a view to opening out communication with the unsettled districts through which it passes, were completed, and the other portions of the line were in an advanced state of progress; Rupees 11,584 were spent on it during the year. Operations were continued on the road from Alikam to Heeramandalum, and an outlay of Rs. 18,240 was incurred in executing earth-work for 19 miles, gravelling 5 miles of the line, constructing several masonry works, and collecting a large quantity of materials.

9. *Vizagapatam.*—Good progress was made on the road from Gajapatinagaram to Parvatipore; metalling, gravelling, and turfing were being carried out, and but few masonry works now remain to be completed. The expenditure was Rupees 34,824. On the road from Chodaveram to Ankapilly, and on the branch to Subbaram almost all the earth was completed, a great portion of the gravelling was done, and considerable progress made in turfing. On the branch thirty-nine masonry works in all were finished and eleven were in course of construction, the year's expenditure being Rupees 29,836. The road from Vizagapatam to Gopalapatnam was nearly complete, and a sum of Rs. 13,128 spent on the work. On the road from Ankapilly to Moongapaka, and from thence to Poodemadaka, a sum of Rupees 15,000 was spent; the earth-work was roughly completed, two large bridges were built up to springing line, and another bridge and one sluice were finished, and turfing and gravelling were commenced. Fair progress was made with the masonry works on the road from Vizagapatam to Gajapatinagaram, and on the line connecting Ramabadrapuram and Pachipenta; Rupees 10,000 and Rupees 9,815, respectively, were spent on the works. The former of these lines was first commenced in 1862 with a sum of Rupees 6,500 contributed by the Honourable the Maharajah of Vizianagram.

10. *Godavery.*—The road along the canal bank from Dowlaishweram to Samulcottah, which was constructed with a view to afford increased facilities for communication between the important towns which it connects, made satisfactory progress during the year; the expenditure amounted to Rupees 22,543. A road sluice and bridge were completed on the road from Nursapur to the Chinchinaidoo Ferry, and fair progress was made with the tunnels and sanding of the line. The expenditure was Rupees 4,346. A sum of Rupees 11,263 was laid out on the road from Peravally to Vizasweram, the earth-work on which was almost finished, one girder bridge built, and the sanding and minor masonry works were being proceeded with. The earth-work and sanding over the road from Rajole to Mooktasweram were completed at an outlay of Rupees 6,972. The earth-work and most of the minor masonry works, together with the bridge across the Nursapur canal, were finished on the road from the river bank of the Vasista Godavery at Koduru to Attilly, while good progress was made with the bridges across the Nocala and Gostanuddy, the total outlay amounted to Rupees 20,493. Rupees 7,441 were spent on the road from Ellore to the Hyderabad frontier, the work on which was nearly completed as far as Chintalapoody and was being carried out beyond that to the 30th mile. A sum of Rupees 10,968 was laid out on the continuation of the Veeravasweram road to Akeed; the earth-work on the line was completed, the foundations of the girder bridge near Akeed were laid, and the other masonry works, as well as the sanding, made good progress. On the road from Woondoor bridge *via* Ramachendrapoor to Medapadu, an outlay of Rupees 6,837 was incurred in completing 6 miles of earth-work, 3 miles of turfing, and two bridges, and on the collection of materials, and Rupees 6,116 were spent on the road from Kundavally to Peravally. On the road from Ramachendrapoor to Bicole, Rupees 9,967 were spent in completing 3 miles of earth-work and two bridges, and partially finishing a third.

11. *Kistna.*—Rupees 6,936 were laid out in metalling the last 7 miles of the road from Guntoor to Sattanapully and in quarrying and carting materials for completing it, and Rupees 10,303 were spent in constructing the road between Guntoor and Amawathy. 4 miles of the line from Chinnapalakaloor to Narsarowpett

on the bridge across the Condamoor river on the road between Tindevanum and Pondicherry, Rupees 4,328 on the bridge over the Pennair at Bangalore, and Rupees 2,336 on a bridge of two arches of 12-feet span on the Salem and Suramungalum road near the spot crossed by the Railway line.

18. *Tanjore.*—Considerable progress was made with the masonry works on the cross road from the Huruchendranuddy bridge to Keevalore, the outlay during the year amounting to Rupees 19,500. Rupees 32,947 were expended in raising, widening, and metalling the road from Needamungalum to Munnargudy. The road on the south bank of the Coleroon between Trunk Road No. IX. and Anikaren Choultry was finished, save the sanding of a portion of the line; the expenditure amounting to Rupees 11,405. The restoration of 5 miles of the road from Cottoor to Sunzrundy was nearly completed, and on the road from Sheally to Panagatangoody on the Coleroon bank a portion of the earth-work was formed, and the collection of materials was in active progress, the outlay on the former having been Rupees 7,977, and on the latter Rupees 5,176. The line from Mannamadoo to the Coleroon bank at Papagudy was completed, and the metalling of Road No. IV. from Jumboocasawary bridge to Teroovady, a large town in the best paddy-growing part of the district, was finished at an outlay of Rupees 1,323 and Rupees 18,502, respectively. Rupees 30,061 from Local and Rupees 2,446 from Imperial Funds were expended on a bridge over the dam across the Cauvery and Cudumurty which was constructed with a view of improving the communication along the feeder to the Boodalore station on the Great Southern of India Railway. An outlay of Rupees 8,414 was incurred in forming the road from Poondootam to the Combaconum boundary and raising it to the top of the south bank of the Arasalaur; the earth-work was nearly completed, and sand was being collected. Rupees 11,038 were spent on metalling the road from Papanasem to the Railway station at Sattiamungalum and in the carting of gravel.

19. *Trichinopoly.*—10 miles of the road from Perambalore to Arealore were opened out for wheeled traffic, and good progress was made with the remaining portion (6 miles). The expenditure during the year amounted to Rupees 1,280. 7 miles of the road from Perambalore to Kistnapuram were completed and made ready for traffic at an outlay of Rupees 1,803. The remainder of the line was in a very advanced state of progress. The minor masonry works on the road from Mussori to Torriore were completed, and good progress was made with the earth-work; the expenditure having been Rupees 4,186. The road from Trichinopoly to Salem on which there was an outlay of Rupees 4,613, was almost finished, the last mile only remaining to be completed; Rupees 6,502 were spent in completing the extension of Road No. XIII. along the Coleroon embankment in continuation of the road from the Lower Anicut to the Aroomooly limits.

20. *Coimbatore.*—The important road from Oodamalpetta to Terpoor, the formation of which was sanctioned in 1868, in order to afford relief during an unusually bad season to the ryots and others in the Coimbatore Districts, made good progress; Rupees 20,000 having been spent on it. The construction of bridges and drains on the roads from Avarcoorchy to the Madura frontier, from Caroor to the same limits *via* Vetliany and from Avarcoorchy to Chinnadarapooram was carried out at an expenditure of Rupees 13,416.

21. *Malabar.*—Rupees 7,220 were spent on the road from Cherikul *via* Velooth, Irkur, Peramperamba, and Keperamba to the Coorg boundary, the masonry and earth-works on which made fair progress. An outlay of Rupees 13,372 was incurred on the line from Pandekaad by Malatoor to the Mandoor road, which is considered a very useful communication through a country hitherto quite shut out from cart traffic; all the works on the road were completed, with the exception of two or three tunnels and a large bridge over the Mellatoor, which is being proceeded with. Rupees 10,000 were spent on forming the road from Pandekaad to Mamdoor and Mambat, and Rupees 5,658 on the road from Callengode to the Coimbatore frontier. Operations were actively continued on the road from Peramperamba to Nedibrunjul on the Periah road, and Rupees 10,916 were spent on the line. The imperfect state of several of the existing lines of communication in parts of the Malabar District having been strongly pressed upon the notice of Government, sanction was accorded to the re-construction of masonry works and alterations of the gradients, where necessary, on the roads from Tanoor to Teroovangapooram, and from Choughaut to Yennamakul. The work was carried out to completion at an outlay during the year of Rupees 3,363.

22. *Wynaad.*—Materials were collected at an outlay of Rupees 1,226 for a public bungalow at Periah, and one at Nadghanny was almost completed at an expenditure of Rupees 2,730. These buildings were represented to be much needed in the district for the accommodation of travellers.

23. *Canara.*—The bridge on the Hassangady river on the Moodbiddry and Bellangaddy road was opened for cart traffic, and considerable progress was made with those on the Buntwall and Moodbiddry road, the expenditure reaching in the former case Rupees 7,853, and in the latter Rupees 11,499. The bridging of the Padbidry and Karikal road was completed at an outlay of Rupees 1,833, while on the Pootoor and Munjeshwar road eight bridges were finished, and two more nearly so at an expenditure of Rupees 5,781. These works were undertaken with a view to perfecting the existing lines of communication in the district, and their execution was recommended by the District Officers in preference to incurring expenditure on *new* roads.

24. *Madura.*—The outlay on the Periah Ghaut Road, which was commenced as a preliminary to further operations on the project for turning the waters of the Perryaur into the Vigay, amounted to Rupees 10,033. After the earth-work had been completed to a width of 18 feet, it was found necessary to suspend progress owing to financial restrictions. The road between Shevagunga and Truputtur was completed at an outlay of Rupees 16,550, and a sum of Rupees 1,050 was spent on the line between Dindigul and Battalagunta. Little progress was made on the road between Shivagunga and Tondy, owing to operations having been commenced late in the year. The outlay was Rupees 3,431. A sum of Rupees 11,490 was appropriated to the road from Dindigul to Caroor, little of which remains to be completed, and Rupees 1,000 were laid out on the line from Audipatty to Allianagarum.

25. *Tinnevelly.*—Fair progress was made on the road from Vypur to Ootapidaram, and Rupees 12,797 were spent on the line; Rupees 8,100 were laid out on the road from Ootapidaram, *via* Manmchi and Sevalperi, to Palamcottah. The works on the road from Palamcottah to Streevilliputtoor *via* Sunkeraniar Covil were completed at an outlay of Rupees 7,153. 4 miles of the road from Tinnevelly to Rajahpolliem were raised, and several masonry works constructed at a cost, during the year, of Rupees 4,612; and 7 miles of the road from Madura frontier *via* Streevilliputtoor to Solaseri with several masonry works were completed at an expenditure

of Rupees 6,928. Rupees 5,141 were spent in finishing a portion of the road from Vasudavanalloor through Tenkasi to Panaggoody, and Rupees 7,000 in carrying out to completion 8 miles of the extension of the Nanguneri and Vizianagaram road to Tisayanavalai. 4 miles of the road from Streevicuntum to Aurobinoga-mungalam, and 7 miles of that from Tinnevelly *via* Sibilpuri and Vellasaud to Streevicuntum were finished at an outlay of Rupees 10,000 on each line. On the road between Nanguneri and Terumarangudi, Rupees 10,000 were spent; the cost of completing the Terumarangudi bridge being included in the amount.

MISCELLANEOUS PUBLIC IMPROVEMENT.

26. The restoration of the Madras Pier was completed at an outlay of Rs. 26,792, and an expenditure of Rupees 25,000 was incurred on the Iron Screw Pile Pier at Calicut. A sum of Rupees 7,110 was spent in raising a column and fixing a new lantern at the harbour of Tuticorin. The structure which is raised on the remains of an old Dutch Column is designed to exhibit a light at an elevation of 70 feet above the level of the sea; wells for obtaining water for drinking purposes were sunk in various places in the Tanjore District, and an outlay of Rupees 4,425 was incurred on that account.

27. A statement of works of public utility constructed by private individuals is herewith sent.

Colonel, R.E.,

Secretary to Government.

Exd. E. C. Shunker.

APPENDIX.

Statement showing the Expenditure on the principal works which were undertaken from Local Funds in the Madras Presidency during the year 1869-70.

District.	Work.	By whom undertaken.	From what source undertaken.	Estimate.	Expenditure up to 31st March 1869.	Allotment for 1869-70.	Expenditure in 1869-70.
	CIVIL BUILDINGS.			RS.	RS.	RS.	RS.
Presidency ...	Erecting a new Presidency College at Chepauk	By P.W. Officers.	Educl. Funds...	2,52,760	2,45,174	35,090	35,090
Do. ...	Constructing a Senate-house at do.	Do. ..	Do. ...	2,55,896	...	43,031	28,152
South Canara ...	Erecting a Provincial School at Mangalore	Do. ...	Do. ...	28,480	16,675	12,000	11,747
North Arcot ...	School-house at Wallajapett	Do. ...	Do. ...	3,200	...	2,090	799
	COMMUNICATIONS.						
Ganjam ...	Road from Cunchilly to Barwar	Do. ...	Dt. Road Funds.	12,270	10,907	153	153
Do. ...	Do. between Aska and Soorada to the Soorla platform	Do. ...	Do. ...	73,875	36,943	13,000	11,884
Do. ...	Do. from Alikam to Heeramundalum	Do. ...	Do. ...	63,200	10,000	18,560	18,240
Vizagapatam ...	Do. from Gajapatynagram to Parvatipore	Do. ...	Do. ...	1,23,553	88,725	34,827	34,824
Do. ...	Do. from Chodavaram to Ankapilly with a branch to Subbaram ...	Do. ...	Do. ...	79,600	10,105	30,850	29,836
Do. ...	Do. from Ankapilly to Munagapaka and from Munagapaka to Pudimadaka	Do. ...	Do. ...	61,220	1,864	15,000	11,472
Do. ...	Do. from Vizagapatam to Gopaulpatnam	Do. ...	Do. ...	16,230	3,000	13,230	13,128
Do. ...	Do. from Vizianagram to Gajapatynagram	Do. ...	Do. ...	38,480	...	10,000	10,000
Do. ...	Do. from Ramabadrapooram to Pachipentah	Do. ...	Do. ...	41,730	...	11,750	9,815
Godavery ...	Do. along the canal bank from Dowlaishweram to Samalcottah ...	Do. ...	Do. ...	1,04,440	26,676	33,100	22,543
Do. ...	Do. from Rajole to Mooktasweram	Do. ...	Do. ...	36,840	13,806	7,000	6,972
Do. ...	Do. from the river bank of Vasista Godavery at Kuduru to Attily ...	Do. ...	Do. ...	54,100	15,601	18,500	20,493
Do. ...	Do. from Narsapoor to the Chencenada ferry	Do. ...	Do. ...	11,840	6,390	5,450	4,346
Do. ..	Do. from Ellore to Hydrabad frontier, via Chintalapudy ...	Do. ...	Do. ...	39,720	22,482	10,060	7,441
Do. ...	Continuation of Veeravasaram road to Akeed	Do. ...	Do. ...	34,950	3,242	9,500	10,968
Do. ...	Road from Peravally to Vezasweram	Do. ...	Do. ...	34,600	2,554	11,500	11,263
Do. ...	Do. from Woondoor bridge, via Ramachendrapoor to Medapadu ...	Do. ...	Do. ...	58,060	...	15,000	6,837
Do. ...	Kundavally and Peravally road	Do. ...	Do. ...	18,000	...	6,000	6,116
Do. ...	Road from Ramachendrapoor to Bickavole, including masonry bridges.	Do. ...	Do. ...	32,850	...	10,000	9,967
Madras ...	Constructing a 2nd class district road from Oottoocottah to Great Northern Road No. 1, via Pariapollem	Do. ...	Do. ...	21,300	8,500	2,000	2,000
Do. ...	Do. from Chinnamoothen Chavady to Great Northern Road, via Sheally Moodelly's Choultry	Do. ...	Do. ...	13,300	...	2,500	1,738
Do. ...	Road from Trivellore to Nagalapooram, via Oottoocottah	Do. ...	Do. ...	21,400	17,000	...	3,868

APPENDIX.—*(Continued.)*

Statement showing the Expenditure on the principal works, etc.—(Continued.)

District.	Work.	By whom undertaken.	From what source undertaken.	Estimate.	Expenditure up to 31st March 1869.	Allotment for 1869-70.	Expenditure in 1869-70.
	COMMUNICATIONS—*(Continued.)*			RS.	RS.	RS.	RS.
Madras ...	Road from Oottoocottah to Sattivadoo	By P.W. Officers.	Dt. Road Funds.	13,300	...	...	1,698
Do. ...	Do. from Vullyoor to Great Northern Road...	Do. ...	Do. ...	19,570	...	...	1,120
Do. ...	Do. from Lattice bridge to Tirooporoor	Do. ...	Do. ...	9,220	...	...	2,998
Do. ...	Do. from 41st mile-stone on Great Southern Road No. II. to Tatry, via Ootramaloor	Do. ...	Do. ...	38,200	10,680	2,720	2,720
Do. ...	Branch road from Caraugooly to join the above road at Nelvoy ...	Do. ...	Do. ...	9,150	...	...	1,993
North Arcot ...	Road from Tripatty Railway Station, via Calastry to Naidoopett ...	Do. ...	Do. ...	31,500	...	...	3,516
Do. ...	Do. from Tripatty town to Railway Station	Do. ...	Do. ...	28,750	...	...	1,056
Do. ...	Do. from Trunk Road No. X. at Palmanair to the Coopum Railway Station, via Vencatagiricottah	Do. ...	Do. ...	...	...	...	2,400
Do. ...	Do. from Kunnamungalum to South Arcot frontier	Do. ...	Do. ...	...	...	...	2,800
Do. ...	Do. from Wandiwash to Pooloor, via Chetput...	Do. ...	Do. ...	26,000	...	...	2,630
Do. ...	Do. from Arnee to South Arcot frontier, via Chetput	Do. ...	Do. ...	...	...	...	1,800
Kistna ...	Do. from Guntoor to Sattanapully	Do. ...	Do. ...	44,860	35,478	7,588	6,936
Do. ...	Do. from Guntoor to Amaravaty	By Rev. Officers.	Do. ...	46,063	5,619	10,000	10,303
Do. ...	Do. from Chinnapalakaloor to Narsarowpett	By P.W. Officers.	Do. ...	50,000	21,768	5,000	4,935
Do. ...	Do. from Guntoor to Iyaloor	Do. ...	Do. ...	1,73,700	18,969	29,300	21,290
Do. ...	Do. from Sandole to Ponnoor	Do. ...	Do. ...	16,600	8,715	7,240	2,048
Do. ...	Do. from Volaroo on the Kistna to Nizampatam	Do. ...	Do. ...	15,830	5,578	3,210	3,168
Do. ...	Bridge over the creeks near the village of Carlapollem	Do. ...	Do ...	14,500	5,997	10,500	6,424
Do. ...	Road from between Bezoarah and Ibrampatam to Mylaveram ...	Do. ...	Do. ...	40,173	6,897	12,073	5,605
Do. ...	Do. from Masulipatam to Cowtaram	Do. ...	Do. ...	27,300	20,211	2,000	1,433
Do.	Do. from Ponnoor to Bapetla	Do. ...	Do. ...	24,670	19,186	4,884	3,808
Do. ...	Do. from Masulipatam to Sallapally	Do. ...	Do. ...	12,530	8,213	4,316	4,807
Nellore ...	Do. from Rapoor and Goodoor to Vencatagherry ...	Do. ...	Do. ...	15,755	4,928	9,525	9,525
Do. ...	Do. from Ollapollem under the bank of Ulloor Ramunnah Tank to Singapett	Do. ...	Do. ...	11,790	8,183	2,620	2,615
Do. ...	Do. from Kavalay to Kaligiri, via Zuldunky and Chinna Craka ...	Do. ...	Do. ..	65,700	5,998	10,000	10,000
Do. ...	Do. from Mambrola on Trunk Road No. VI. to Podalakoor ...	Do. ...	Do. ...	35,500	1,710	8,346	6,374
Do. ...	Do. from Sangam to Kaligiri	Do. ...	Do. ...	19,925	17,571	2,354	1,839
Do. ...	Do. from Kaligiri to Oodiagiri	Do. ...	Do. ...	30,150	2,322	11,000	9,244
Do. ...	Do. from Nellore to Somaiswcram	Do. ...	Do. ...	70,660	21,840	11,500	11,236
Cuddapah ...	Do. from Poddatoor to Yerragoontla	Do. ...	Do. ...	40,720	19,999	17,000	16,981
Do. ...	Do. from do. to Nandialumpett	Do. ...	Do. ...	...	17,702	10,000	2,702
Do. ...	Do. from Pulivendla to Moodanoor	Do. ...	Do. ...	40,000	7,957	15,000	15,000
Do. ...	Do. from Budwail to Poremamilla	Do. ...	Do. ...	...	7,998	5,000	1,866
Bellary ...	Do. from Chippagiri to Maddeekerrah	Do. ...	Do. ...	8,550 1,125	1,282	8,393	8,154
Do. ...	Do. from the Kurnool road to the Railway Station at Ghooty and thence to Adony	Do. ...	Do. ...	10,488	3,135	7,270	7,268
Do. ...	Do. from Madagiri to Powger frontier	Do. ...	Do. ...	25,700	6,178	15,000	7,417
Kurnool ...	Do. from Nandicotcoor to Bairlooty	Do. ...	Do. ...	52,000	1,354	32,397	24,289
Do. ...	Do. from Adony to Ghooty	Do. ...	Do. ...	15,990	4,162	11,920	3,142
Do. ...	Do. from Madeekerrah to Toogaly	Do. ...	Do. ...	24,730	...	5,000	1,232
Do. ...	Do. from Rampoor pass to Nandicanama ghaut	Do. ...	Do. ...	...	...	10,000	8,258
Do. ...	Do. from Branch road from Kurnool High Road to Calva ..	Do. ...	Do. ...	7,480	...	7,480	5,115
Do. ..	Do. from Cumbum to Cuddapah frontier	Do. ...	Do. ...	...	...	6,000	4,417
South Arcot ...	Constructing a road from Trinomalay to the boundary of the Villapooram Talook at Vattavallam	Do. ...	Do. ...	16,000	...	7,200	7,162
Do. ...	Do. from Kallacoorchi to Virdachellam	Do. ...	Do. ...	11,360	4,777	4,880	4,880
Do. ...	Completing the road from Virdachellam to Ahtoor in Salem ...	Do. ...	Do. ...	5,030	...	5,000	5,000
Do. ...	Constructing a bridge across the Condamoor river on the road between Tindevanum and Pondicherry	Do. ...	Do. ...	4,310	...	4,310	4,130
Salem ...	Do. a bridge over the Pennair at Bangalore...	Do. ...	Do. ...	10,900	4,936	5,964	4,328
Do. ...	Do. a bridge of 2 vents of 12 feet span on the Salem and Suramungalum road near the place where the Railway line crosses... ...	Do. ...	Do. ...	3,500	...	3,500	2,336
Tanjore ...	Raising, widening, and metalling the road from Needamungalum to Manargoody	Do. ...	Do. ...	46,000	11,331	34,669	32,947
Do. ...	Cross road from near Huruchendranaddy bridge to Keevalore ...	Do. ...	Do. ...	60,300	5,113	45,000	19,500
Do. ...	Restoration of 5 miles of road No. 27 from Cottoor to Sunzrundy ...	Do. ...	Do ...	9,620	...	9,620	7,977
Do. ...	Road No. 69 from Sheally to Panangatangoody on the Coleroon bank...	Do. ...	Do. ...	12,650	...	12,250	5,176
Do. ...	Do. ,, 53 from Mannamadoo to the Coleroon bank at Papagudy ...	Do. ...	Do. ...	6,070	4,459	3,070	1,323
Do. ...	Completing road No. 70 along the south bank of the Coleroon between Trunk Road No. IX. and Anikaren Choultry on the Cuddalore and Sheally road	Do. ...	Do. ...	25,000	7,974	17,026	11,405
Do. ...	Metalling road No. 4 from Jumboocasewery bridge to Teroovady ...	Do. ...	Do. ...	18,000	...	18,000	18,502
Do. ...	Constructing bridge over the dam across the Cauvery and Codamoorty...	Do. ...	Do. ...	34,300	3,186	31,114	30,061
Do. ...	Road No. 79 from Poondootam to Combaconum boundary and raising to the top of the Arasalar south bank	Do. ...	Do. ...	17,130	...	17,130	*2,446 8,414
Do. ...	Metalling road No. 39 from Papanasem to the Railway Station at Sattiamungalum	Do. ...	Do. ...	54,500	...	27,360	11,038

*Imperial Funds.

Statement showing the Expenditure on the principal works, etc.—(Concluded.)

District.	Work.	By whom undertaken.	From what source undertaken.	Estimate.	Expenditure up to 31st March 1869.	Allotment for 1869-70.	Expenditure in 1869-70.
	COMMUNICATIONS.—*(Concluded.)*			RS.	RS.	RS.	RS.
Trichinopoly ..	Road No. 9 from Perambaloor to Arealoor	By P.W. Officers	Dt. Road Funds.	30,300	16,524	1,280	1,280
Do. ...	Do. ,, 10 from do. to Kistnapuram	Do. ...	Do. ...	33,200	22,324	2,020	1,803
Do ...	Do. ,, 7 from Museri to Toriore	Do. ...	Do. ...	60,035	20,275	4,200	4,186
Do. ...	Extending road No. 13 along the Coleroon embankment from the Arcomooly limits to the Ponnairy channel in continuation of the 10 miles from Lower Anicut to Aroomooly limits	Do. ...	Do. ...	8,050	1,547	6,503	6,502
Do. ...	Constructing road from Trichinopoly to Salem, via Toriore ...	Do. ...	Do. ...	47,870	41,399	6,470	4,613
Malabar ...	Road from (Caroor) Peramparamba to Nedibrunjul on the Periah road, District Road No. 2	Do. ...	Do. ...	31,500	8,985	12,000	10,916
Do. ...	Do. from Panikaad to Vandoor and Mambat, part of District Road No. 41-A	Do. ...	Do. ...	18,100	...	10,000	10,000
Do. ...	Do. do. by Melatoor to two miles west of Manlur on the Mandoor road, District Road No. 38	Do. ...	Do. ...	27,500	6,999	13,342	13,372
Do. ...	Re-constructing bridges on the cross road from Tanoor, via Wathathany to Teroovangapooram	Do. ...	Do. ...	7,224	5,657	1,947	1,946
Do. ...	Do. bridges between Chowghaut and Yennamakal	Do. ...	Do. ...	3,500	2,217	1,412	1,417
Do. ...	Road No. 9 from Cherikul, via Velooth, Irkoor, Peramparamba, and Keeperamba to the Coorg boundary	Do. ...	Do. ...	40,900	27,964	7,336	7,220
Do. ...	Do. No. 13 from Collengode to the Coimbatore frontier	Do. ...	Do. ...	30,250	8,346	5,658	5,658
South Canara ...	Bridge on the Hassangudy river on the Moodbidry and Baltangady road.	Do. ...	Do. ...	22,250	14,399	7,852	7,853
Do. ...	Bridges on the Buntwall and Moodbidry road...	Do. ...	Do. ...	36,860	11,073	8,500	11,499
Do. ...	Do. on the Pootoor and Munjeshwar road by Vitla	Do. ...	Do. ...	19,670	9,234	5,800	5,781
Do. ...	Bridging the Podbidry and Karikal road	Do. ...	Do. ...	7,350	5,497	1,850	1,833
Coimbatore ...	Road from Oodamulpettah to Tirpoor	Do. ...	Do. ...	71,600	22,873	20,000	20,000
Do. ...	Bridges between Aravacoorchy and the Madura frontier	Do. ...	Do. ...	6,500	...	6,500	6,805
Do. ...	Do. and drains on the road from Caroor to the Madura frontier by Velliany	Do. ...	Do. ...	11,320	7,667	3,653	3,655
Do. ...	Do. do. from Aravacoorchy to Chinnadarapooram	Do. ...	Do. ...	11,000	7,823	3,177	2,956
Tinnevelly ..	Road from Vypaur to Ottapidarum	Do. ...	Do. ...	78,000	7,750	14,500	12,797
Do. ...	Do. from Ottapidarum *via* Maniachi and Sevalperi to Palamcottah ...	Do. ...	Do. ...	42,000	3,000	7,000	8,100
Do. ...	Works on road No. 2 from Palamcottah to Streevellipatoor *via* Sankeraninarcovil	Do. ...	Do. ...	74,265	67,144	7,153	7,153
Do. ...	Road from Tinnevelly to Rajapolliem	Do. ...	Do. ...	21,400	...	5,000	4,612
Do. ...	Works on road from Madura frontier *via* Streevellipatoor to Solaseri ...	Do. ...	Do. ...	38,000	10,720	10,500	6,928
Do. ...	Portion of road No. 1 from Vasoodavanallcor through Tenkasi to Panagoody	Do. ...	Do. ...	25,000	19,859	5,141	5,141
Do. ...	Extension of the Nangunery and Vizianarayanam road to Tisayanavalai.	Do. ...	Do. ...	29,900	...	7,000	7,000
Do. ...	Road from Streevicuntam to Auroomoogamangalum	Do. ...	Do. ...	19,200	...	10,000	10,000
Do. ...	Do. from Tinnevelly *via* Sevalperi and Vallanaad to Streevicuntum ...	Do. ...	Do. ...	44,600	10,050	10,000	10,000
Do. ...	Do. between Nangunery and Terukurangudy...	Do. ...	Do. ...	5,860	...	5,860	5,860
Do. ...	Terukurangudy bridge	Do. ...	Do. ...	14,100	2,871	4,179	4,179
Madura ...	Perryaur Ghaut Work	Do. ...	Do. ...	...	6,129	10,000	10,000
Do. ...	Road between Shevagunga and Tondy	Do. ...	Do. ...	50,400	...	8,500	3,431
Do. ...	Do. between Shevagunga and Tripatoor	By Rev. Officers.	Do. ...	41,050	19,500	16,550	16,550
Do. ...	Do. Dindigul and Battlagunta	Do. ...	Do. ...	24,000	...	9,000	1,050
Do. ...	Do. from Audiputty to Alliagingarum	Do. ...	Do. ...	33,680	21,396	12,280	1,000
Do. ...	Do. Dindigul to Caroor	Do. ...	Do. ...	15,500	3,910	11,490	11,490
Malabar (Wynaad.)	Constructing Public Bungalow at Periah	By P.W. Officers.	Do. ...	5,379	2,779	2,600	1,226
Do. ...	Traveller's Bungalow at Nadganny	Do. ...	Do. ...	5,994	1,593	4,311	2,730
	MISCELLANEOUS PUBLIC IMPROVEMENT.						
Tanjore ...	Wells for drinking water	By Rev. Officers.	Do. ...	...	...	9,000	4,425
Malabar ...	Iron Survey Pile Pier at Calicut	By P.W. Officers.	Port Funds ...	64,000	...	35,000	25,000
Tinnevelly ...	Raising column and fixing new lantern at Tuticorin	Do. ...	Do. ...	9,800	...	7,960	7,110
Madras ...	Restoration of the Madras Pier	Do. ...	Do. ...	2,87,424	...	30,000	26,792

Communications

Trunk Road
No 6.

A sum of Rs 17,433
has been laid out in im-
proving that portion of
Trunk Road No 6 which
runs from Chicacole in the
Ganjam District to beyond
the Bengal Frontier - To the
north of the river Mahendra
eleven miles have been
metalled, 9 miles gravelled
and 2½ miles of side chan-
nels have been cleared
Between the above river &
Chicacole five and half miles
of Road have been finished
and considerable pro-gress
has been made with the
remaining portion - Many
of the masonry works
are completed and finished.

For

for the further prosecution of the work have been collected. The work has been stopped for want of funds.

To the South of Chicacole between that town and Chittivalsah Trunk Road No. 6 has been further improved at an outlay during the past year of Rs 6,820. The masonry works, the earth work, the metalling, the gravelling and the turfing are completed for a portion of the road and the rest of the work was in progress till the funds were withdrawn in consequence of the financial difficulty.

Between Chittavalsah and Soonee which lies on the southern frontier of the

Vizagapatam District Rs 29,541 have been expended on Trunk Road No. 6. For a distance of 32 miles the earth work is completed and for a further distance of 6 miles the turfing and gravelling are completed. Twenty nine masonry works are ready to receive traffic and, exclusive of these, five large bridges have been built up to the springing line of the arches. Numerous other works were in progress.

In the Kistnah and Nellore Districts a great deal of work has been done to Trunk Road No. 6. In the former district Rupees 33,988 have been laid out partly in collecting materials in the quarries partly

in

in earth work. In Bellore where 27,173 have been spent considerable progress has been made with some of the masonry works, five miles of the road have moreover been metalled and gravelled and twelve miles have been opened for traffic.

Besides the Trunk Road in the north, the Junior road from Vizagapatam to Cassipoor has been partly gravelled and otherwise improved by the construction of several masonry works. The expenditure during the past year on this road was Rs 11,498.

In the Ceded Districts there has been no expenditure on Roads during 1869/70 which calls for remark.

In

Great Northern Trunk Road. In the Nandial district the large expenditure of Rs 76,627 has been incurred on the portion of the Great Northern Trunk Road lying to the north of the Pannangadu Back-water in order that it may be fitted for rapid traffic. The abutments and piers of the bridge over the Cortelair have been raised to a uniform height of 8 feet, but the work has been left in this state for want of funds. The embankment at the Pannangady Back-water is nearly completed, and the rough stone revetment to protect it against the effects of the water is partly finished. One seven arched bridge is nearly ready for

traffic, and the abutments and piers of a three arched bridge have been raised to the springing line of the arches. Twenty five miles of the road have been reformed and metalled and some minor masonry works have been completed.

Trunk Road No. 8.

On the portion of Trunk Road No. VIII in the Madras District 5,622 Rs have been expended in the year. Three miles have been metalled to the full width and two miles to half the proper width. Materials have moreover been collected for prosecuting the work when funds are available.

Palar Bridge

On the bridge across the Palar Rs 14,863 have been laid out.

Road from Mercanam to Pondicherry.

Eight piers have been raised to the full height and forty three piers to about half the full height, a considerable quantity of materials has also been prepared.

A beginning has been made with the new road from Mercanam in the South Arcot District to the French Settlement of Pondicherry on which Rs 10,606 were expended in 1869/70. This road was sanctioned to replace a sandy coast track, to open out the country and especially to enable Country carts to travel from Pondicherry to the large salt Depôt at Mercanam whence they could return to the

interior laden with soil-
The want of funds has led to
maintain the portion of
road already completed
as well as that in pro-
-gress will no doubt
cause the work to deteriorate.

Bridge over Vellaur at Mutlur

The Bridge across the
Vellaur River near Mutloor
on the coast road from
Pondicherry to Negapatam
has been advanced by an
expenditure of Rs 19,931.
The north and South abut-
-ments and wing walls
have been raised to the
full height two piers with
flooring have been simi-
-larly completed on the
south side, and wells
have been sunk for another
pier and its retaining wall
constructed.

Bridge over the Amiapooram Coday.

A small bridge of one
arch of 24 feet span costing
Rs 1,098-5-1. has been sub-
-stantially completed over
the Amiapooram Coday on
the road between Kallakur-
-chy and the Salem fron-
-tier, and a bridge of two
arches each of 30 feet span
has been nearly completed
over the Varoodarnoor river
on the same road, the expen-
-diture having been in the
past year Rs. 2,096-8-60

Iyaur Bridge

In the Trichinopoly
District Rs 4,885-3-14-10.
have been laid out on the
Iron Plate Girder Bridge
across the Iyaur. The abut-
-ments and wings walls have
been completed, and the
iron work has been
prepared

prepared in the Depart-
mental Workshops in
Madras and have been
dispatched to the site.

Roads in the Wynaad.

A considerable sum of
money has been spent in
the past year in improving
the communications of the
Coffee growing district
of Wynaad, with both
the western coast and
the interior. On the Carkoor
Ghaut (expenditure Rs
8,094) which has been
opened for traffic through-
out the season the prin-
cipal works demanding
attention are drainage and
metalling. The portion of
road between the head of
the ghaut and Goodaloor
is nearly completed. Between
Goodaloor and Sippacadoo

two

two large timber truss Bridges
have been completed. This
portion of road runs through
black soil and clay and
in wet weather becomes
very heavy. After it is
metalled which it is expec-
ted to be this year this
state of things will be rectified.

On the Periah Shaut
which connects the Wynaad
with the Mysore Territories
Rs 11,000 have been expended
in the past year. The road
is open to traffic, and it
is rapidly undergoing im-
provement. It has been
partly metalled, some
cross drains have been
constructed, and much
rock has been removed.
The portion of road near
Manantoddy, for 6 miles

in

...ne Cauzette is in fair order
but the rest of the road
in wet weather renders
it difficult for Carts to
pass as easily as could be
desired. Between Imanan-
-toddy and Bowally the
last Monsoon did con-
-siderable damage but
steps are being taken to
restore the road.

On the Pambrachetty
Chaut which is another
communication between
the Wynaad and Mysore
Rs 31,567 were spent in
1869/70. This road has
been in constant use
throughout the season
and the traffic on it is
considerable but it suf-
-fered from the last Mon-
-soon. Part of it was
blocked up by Land slips
and much expense was
incurred in removing the
obstructions. Still the
work has made fair pro-
-gress, and when the road-
-way is widened and
proper revetments are
built it must prove a
great benefit to Coffee
planters.

Road from Sultanpetty
to the Mysore Frontier.

A sum of Rs 19,788
has been spent in improv-
-ing the road which runs
from Sultanpetty, through
Vythery, Calpatty, Sultan's
Battery to the Mysore
Frontier. The Bridges and
Culverts between Sultanpetty
and Vythery have been
advanced but are not yet
completed. For the road
between

between Tajthery and Cal-
-putty little remains to be
done except the construction
of culverts for drainage pur-
-poses. The same may be
said for the portion of road
between Calputty and Sul-
-tan's Battery, but the
latter is opened to traffic.
Between Sultan's Battery
and the Mysore Frontier
the road requires chiefly to
be metalled. Several
Culverts have been com-
-pleted on this portion,
but some more will be
necessary before it will
have been properly drained.

Koonoothe Bridge

A sum of Rs 2388
has been spent on the bridge
over the Koonoothe River,
which is now drawing
towards completion.

Coonoor Ghaut

The old Ghaut from
the foot of the hills near
Mettapollium in the
Coimbatore District to
the Sanitarium of Coonoor
on the Neilgherries being
so steep as to render it
difficult for Cart traffic
a new road became neces
-sary. On this work, 14
miles of which have been
opened for traffic, —
Rupees 13,477-5-6 were
spent in the past year.
Three bridges and 23 minor
drains have been complete
A great extent of road has
been revetted, much rock
has been removed and a
large quantity of earthwork
has been executed.

The

New Road from Goodaloor to Seddiwattam

The steepness also of the old Goodaloor Shaut Road on which the gradient averaged 1 to 4½ having rendered it almost impracticable for horse and bullock transit and totally so for carts, and the traffic having increased considerably in this part of the country the construction of a new road with easier inclines became necessary. This line runs from Seddiwattam to Goodaloor and is in direct communication with both Ootacamund and the Wynaad. The entire length (30 miles) including the Shaut was completed and opened for Cart traffic last December and the expenditure in the past year was Rs 19,999-15-

Road from Ootacamund to Seddiwattam.

On the road which has been constructed to connect Ootacamund with the head of the Coonoor Shaut at Seddiwattam Rupees 14,491-15-2 were laid out in 1869/70. The works have consisted chiefly of revetment and earthwork. One Bridge and some minor masonry works were completed.

Road from Ootacamund to the Koondah Hills.

Rupees 15,728-6-5 were spent on the road which is to run from Ootacamund to the Koondah hills and to the Govt. Cinchona Plantations.

This road will help materially to develope the resources of this portion of the hills. The Govt own two large plantations here and there are several private estates, and a means of communication with the Neilgherries was much required. The completion of a revetment and a little blasting of rock would open the road for cart traffic to a distance of 8½ miles, but the work has been stopped for want of funds.

Bar Shoor Ghaut

The new road called the Bar Shoor Ghaut Road Grade which is to connect the Railway Station at Erode with the town

town of Mysore via Collegal and which will eventually supersede the old circuitous route via Caveryporam and Imarthally has been partly opened to traffic at an expenditure during the past year of Rs 11,810 and considerable progress has been made with the Bar-hoor Ghaut road and Bridges. The road is essential to the opening out of the country, and is required especially to admit of Coffee from South Wynaad being sent direct into Calicut for shipment to Europe. Part of the road from Sholadotty to the foot of the Ghaut was opened for traffic early last official year.

The masonry of one bridge of four arches 60 feet span each, and of two other bridges has been completed and only the timber platforms remain to be finished.

A bridge at Seelamkoor has been partly damaged.

With the exception of the four bridges mentioned above the Karkoor road up to Arrucode may be considered ~~it~~ ready.

On the road which is to connect Mangalore with Cannanore and which is to run by Vittlah and Hosedroog twenty five bridges have been completed but the work has not made such progress as could be wished from the

Road between Mangalore and Cannanore.

the want of funds the expenditure in 1869/70 was Rs 9.910-15-7 P.

Road from Ammainaikan-nur to the Coimbatore District.

In the South of the Presidency 6 miles of the road from Ammainaikan-nur to the border of the Coimbatore District are so far completed as to be in good order for traffic and ten miles more are under construction, Fourteen tunnels have been built and six others are nearly finished. Expenditure in 1869/70 Rs 19.691.

The only other road calling for notice is that which runs between Palamcottah and Suticarin - A bridge of 11 arches has been thrown across

[illegible] Chilka Lake
River and four miles of
roadway have been com-
pleted. This road suffered
considerably from floods
in the past year. Exc.
-penditure in 1869/70
Rs 38.691.

Navigable Canals.

Some progress has
also been made in the
past year with the
navigable Canals of the
Presidency. In the
north the Canal between
the Chilka Lake and
the Ganjam River has
been opened to traffic
but until it is extended
to the port of Gopalpoor
it is not likely to be
made much use of. It
requires still to be deepened

Canal between the
Chilka Lake and
River Ganjam.

in parts in order that it
may be navigable though
out the year. The expen-
diture during 1869/70 was
Rupees 6,097.

Cheyaur Channel.

The Coast Channel
between the backwater
at Cheyaur and the new
sail Platform at the
same place has been exca-
vated to the full depth,
and the earthen embank-
ment required for the
new platform has been
completed. The foundations
and abutments of a one
arched bridge connecting
the Platform with the
Cheyaur Road across the
boat Channel have been
completed. The outlay
on these works was
Rs 10,157.

Extension of East Coast Canal Northwards.

The important work of extending the East Coast Canal northwards to Kistna pialain has been advanced by an expenditure of Rs 19.507. The Canal is now open to the village of Siddavaram 8 1/2 miles from Madras. The new portion was hardly completed when it was exposed to the action of some heavy floods which came down in the latter part of the South east monsoon. The work however stood well, and beyond a little damage to the slopes of the Canal suffered very little.

Canal connecting Nezapatam with Tadaranam.

The Canal between Nezapatam and Tadaranam has been cleared to the proper depth and all the masonry works have been virtually completed. It is necessary to mention however that owing to the stoppage of work on account of the restricted state of the finances the subsidiary Channels were left in an unfinished state and the monsoon has done considerable damage. The banks were breached in three or four places and much deposit brought into the Canal. The latter has however since been removed. the expenditure in 1869/70 was Rupees 30251-5-6 P.

Madras Pier.

The damage done to the Madras Pier in the year 1868 by the drifting on to it of a sailing vessel has now been rectified, and the

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Canal
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Pier is in working order.
The work consisted of
driving in piles, of bracing
and fixing these, of
laying girders across
them and of forming
a permanent wooden
platform. The expen-
diture was Rs 78.308.

Miscellaneous Public Improvement

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The Miscellaneous Works
pa
of Public Improvement
ca
carried on during the past
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year and demanding
m
attention here are the
ex
same three which were
a
noticed in the Administra-
of
tion Report for 1868/69.
These are
The Reclamation of the
swamp at the head of the
Ootacamund Lake, the

Water Supply of Ootacamund
and the improvement of
the Navigation through
the Pannikem Channel.

Reclamation of the Swamp at Ootacamund.

The low lying ground
in the vicinity of the native
bazaars and some houses
occupied by Europeans at
the head of the Ootacamund
Lake have long been sub-
-ject to inundation dur-
-ing the monsoon, and
the effect is most preju-
-dicial to the general health
of the community. The
reclamation of the swamp,
therefore, is a matter of the
greatest necessity. The
intention is to raise the
entire inundated area to
the height of six inches
above the flood level of the
lake, and to utilize the

reclaimed ground for
public gardens and for
the general purposes of
amusement and recreation.
It is necessary to mention
that the labour of Con-
victs is made use of for
the work, which has con-
sisted during the past
year in constructing a
tramway on wooden slee-
pers for the transport of the
earth in the erection of
a temporary Jail for the
convicts and in earth
filling. The earth is re-
moved from a hill by
the side of the swamp
and is run in trucks
along the tramway and
finally shot over where
required. The expenditure
during the past year

Colaccamund Water Supply.

was Rupees 4:827-6-9.

This important Sani-
tarium having been
for so many years notte-
-ed as in regular supply
of water, two storage reser-
-voirs and channels for
delivering a sufficient
supply were lately sanc-
-tioned for execution. The
works have made con-
-siderable progress and
would indeed have been
completed if it had not
been that rock of the
hardest nature was met
with in their prosecution.
As it is however one reservoir
embankment has been
raised 60 feet and the
other 20 feet in height
three miles of channels
are opened, 190 feet of

tunnelling four feet square have been driven, and various minor works have been completed. The total cost of these improvements in 1869/70 has been Rs 8,979-12-4.

A great quantity of debris has been removed by hand dredging from the inner angle of the Pamban Reef Channel and some stone had been removed by blasting, costing during the past year Rs 7,968.

The Channel has also been deepened with the view to its having an ultimate depth of 14 feet. This work has cost Rs 2,465

Pamben Channel.

The original Imperial grant for Public Works in this Presidency for 1869-70 was Rs 97,75,000 distributed as follows.

Military		12,00,000
Agricultural	Extraordinary	12,00,000
	Ordinary	19,35,000
Other Services		35,80,720
Establishments		17,89,280
Tools and Plant		70,000
		97,75,000

This assignment was reduced by the Government of India during the year on financial grounds to Rs 96,25,000

than Rs 1,70,000 and the following figures show how the grants under the various Heads of Service were thereby affected.

Military	7,58,216
Agricultural	25,38,548
Other Services	28,56,436
Establishments	18,70,280
Tools and Plant	97,500
	81,29,980

The following Statement exhibits a comparison between the grant and outlay from Imperial Funds in the years 1868-69 and 1869-70 respectively

Head of Service		1868-69 Grant Rs	1868-69 Outlay Rs	1869-70 Grant Rs.	1869-70 Outlay Rs.
New Works	Military	10,18,400	11,01,498	5,72,989	5,63,626
	Civil Buildings	13,34,586	13,38,064	11,35,412	11,08,146
	Agricultural	15,72,370	13,50,025	14,44,204	12,01,484
	Communications	9,10,342	9,62,855	8,27,927	7,74,772
	Mis: Pub: Impt:	60,150	56,583	1,32,826	1,32,753
		48,95,848	48,09,025	41,13,358	37,80,781
Repairs	Military	1,81,700	1,88,262	1,85,227	1,83,110
	Civil Buildings	91,825	84,073	80,641	1,04,981
	Agricultural	10,75,000	11,58,267	10,94,344	10,72,519
	Communications	10,62,859	10,54,688	7,44,718	7,44,085
	Mis: Pub: Impt:	10,314	7,778	4,912	4,763
		24,21,698	24,93,068	21,09,842	21,08,558
Establishments		16,57,424	17,14,946	18,79,280	17,77,197
Tools and Plant		72,400	1,80,74	97,500	83,758
Total		90,47,370	92,03,113	81,99,980	77,50,294

The following Statement exhibits the allotments and expenditure from

Real Funds.

	1868-69		1869-70	
	Grant	Salary	Grant	Salary
	Rs.	Rs.	Rs.	Rs.
New Works	19,51,609	13,31,284	18,95,607	12,87,134
Repairs	8,95,703	5,11,321	7,58,541	6,93,373
Establishments	2,54,557	2,21,841	4,20,342	2,84,256
Tools and Plant	19,730	14,706	27,805	13,432
	28,31,859	20,79,152	31,01,795	22,78,205

Military.

Bangalore. Race Course Barracks.

The expectations which were held out in the Administration Report for 1869/70 that both the Pavilions forming the Hospital attached to these extensive Barracks would be completed in the following year have been fulfilled. The accommodation that is now provided for the sick is of a very superior kind, and, so far as the buildings are concerned, there is little left to desire for the comfort of the Soldier. Both pavilions have been occupied since August last,

and

and as there is a complete set of Administrative Wards and out offices attached to them and every building has been designed according to the latest sanitary principles, the practical effect of the new establishment on the sick and convalescent will be watched with great interest. The expenditure during the past year has amounted to Rupees 32,786.

Every means moreover has been adopted to afford the soldier in these Barracks the facilities of recreation. Besides the racket courts and bowling alleys and swimming baths already constructed a handsome building

Recreation Room for Privates and Sergeants Mess House.

building, partly of brick and partly of stone, has been completed for the use of the sick for purposes of amusement during the warmer hours of the day when out door games are abandoned. The building has been in occupation since the beginning of this year and the outlay on it has been 30,363 Rs.

School Room

Nor have the wants of education been neglected. A school house has been commenced and completed during the past year costing altogether Rs 10,642

Besides the above works for the Cavalry a lavatory and urinal have been provided for the convenience of the prisoners in the Provost Cells.

The

Bangalore Bakery.

The bakery which was commenced some years ago for supplying the entire garrison with bread has been completed so far as to admit of its being brought into use. It was originally intended to drive the machinery by bullock power but, as was anticipated, this was not found to answer. Since then it has been determined to use steam, but owing to financial pressure this portion of the work has been deferred for the present. The kneading is done by hand but the baking is done in ovens which are found to answer admirably. Bread is supplied to all the troops from day to day, and

and the convenience of the bakery becomes more evident every day. The expenditure on the building during the past year has been Rupees 5699-8 annas, and the total expenditure up to date — 84,553-8 as.

Ulsoor Water Project.

A sum of Rs 21,097-8 has been laid out on the Ulsoor Water Project which has for its object the supplying of all the Barracks with water. The arrangements are not sufficiently complete yet for a judgement to be formed of the benefits of the scheme. A Reservoir is required at the Infantry Barracks, and the filtering Cisterns are not yet in proper working order. At present water is supplied only

only to the Race Course and Horse Artillery Barracks and only for washing and bathing purposes. From Analisis made in 1868 it is feared that by no process of filtration can the water of the Sankey be made fit for drinking or culinary purposes. It was found, however, that in a series of neighbouring wells known by the name of the Dhobey Wells, an abundant and never failing supply of the very best water requiring no filtration was procurable, and these wells were accordingly purchased by the Govt. and arrangements made for the erection of machinery to force the water to the barracks

Dhobey Wells Project.

barracks. The wells have all been improved and have been connected with each other, an Engine house has been erected and pumps have been set up. The plans and estimates for the delivery of the water to the Race Course are in course of preparation. The expenditure in 1869/70 was Rupees 14,949-1-8

Mercara Palace.

The roof of the Mercara Palace which was found so defective four years ago has now been thoroughly repaired and it is considered to be proof against the effects of the South West Monsoon which comes down with great violence in this part of the Country. The work has cost altogether

Rs

Rupees 44,027-6-9 P. of which Rs 10,007-4-3, were expended in the past year.

Ootacoor Stables.

At Ootacoor the extension of the old stabling at the Remount Depot has been completed. The new block of 72 stalls would also have been completed but for the stoppage of the work last January in consequence of the reduction of the Budget Grant. The roofless walls being partly of brick and clay will probably suffer in consequence of the work being unavoidably suspended. The expenditure on these works during the past year has been Rs 11,281-13-10, and the total expenditure Rs 18,786-1-2 Rs

The

Ballary
Cantonment Water Supply.

The importance of this work to a station which has always a scanty rainfall and is often subjected to actual drought necessitates its early completion. The object of the project is the interception of the drainage of some hills in the vicinity of the station and its collection in a reservoir for after use. The inlet & supply channel to the station have been completed, and the tank will soon be in a fit state to receive water. The foundations of the head sluice to regulate the supply have been laid down, and the work is in fair progress. The sum of Rs 11,921 has been spent during the past year,

making

making a total expenditure on the works of Rs 53,725, and leaving a balance on the estimate of Rs 15,675 to complete the undertaking.

Bellary Lock Hospital.

Fair progress has been made with the Lock Hospl. on which a sum of Rs 5,500 has been expended in the past year. The walls have been raised to the full height and are now ready for the roof. Several other buildings have also been pushed on with. Two new double latrines for the convenience of the 3/60th Rifles are almost one-third completed and a beginning has been made with the Female Hospl. for European troops on which 16,434 Rs have been expended.

the

the walls having been raised to the height of the tops of the doors.

Native Hospital

The Hospl. for native troops on which 21,199 Rs have been spent during the past year and 41,999 Rs altogether, has been sufficiently advanced to admit of its occupation, but a small sum is still required for its completion. It affords accommodation for 48 sick, having two wings each containing 24 beds.

Lightning Conductors

The exposure of the Barracks on the Sanitarium of Ramandroog to the effects of lightning has rendered the construction of Conductors to the buildings necessary, but before the work could

be

be completed it was ordered to be stopped on account of the financial pressure. However two buildings have been protected and a third partly so, the total outlay having been Rs 1586.

The additions and improvements to the Hospl. at Ramandroog have been nearly completed and other minor works to the value of 19,486 Rs have been carried out.

Madras.

There have not been many important Military works carried out during the past year at the Presidency town. The families occupying the newly built quarters on the North Esplanade of Fort Saint George have been supplied with

Water supply to Family Quarters, Esplanade

with water, and the work of planting trees to shelter the occupants from the effects of the sun has been completed. On these works Rs 10,638 Rs have been spent during the past year and a sum of Rs 3,360 Rupees altogether.

Racket and Fives Courts

On the Racket and Fives Courts for the use of the garrison in the Fort which were completed in 1868/69 a sum of Rs 2185 was expended during the past year in order to close and adjust the accounts. The Courts are in daily use and are a great means of recreation to the troops.

Drainage of Infantry Lines at Royapooram.

The defective state of the drainage of the new Native Infantry Lines at Royapooram will soon be rectified. The new

new drains are nearly com-
-pleted and have given
general satisfaction. Rs
9,077 have been expended
on this work in the past
year and 31,058 Rs altogether.
.....Excepting the above
works there is only one other
at Dwaraca which demands
notice. The Subalterns Quar-
-ters in the late Civil
Auditors Office have been
extended and nearly com-
-pleted. The estimate is
8,400 Rs and 3885 Rs
have been spent in the
past year, leaving a
balance for adjustment
of Rs 4. 5. 15.

Subalterns Quarters
in the late Civil
Auditors Office. Porbr.

H. M. Thomas' mound
considerable progress has
been made with the new
Barracks, but the effects of
the

H. M. Thomas' Mount

New Barracks

the curtailed allotment of
funds since last January
has rendered the prosecu-
-tion of the work rather
slow. The walls of the lower
storey of one block are com-
-pleted and the terracing
is in course of construction.
The walls of the second block
are not quite so far advanced,
while the third are
and those of the third are
on an average about 10 feet
above the plinth. The
expenditure up to the end
of the previous year was
4,3,000 Rs and in this year
it has reached Rs 27,806 making
a total on all the Barracks
of Rs 70,806.

The want of funds has
prevented the completion
of the out houses to the
Reserve Powder Magazine.

Out houses to Reserve
Powder Magazine.

but the works is in an advanced state. Two Covered Sentry walks, the Packing Shed, the Sergeants Quarters and the Guard Room are virtually finished, but the Guard Room is in a backward state. The expenditure during the past year has been Rs 3,096, and the total expenditure is 8096 Rs.

Besides the above works at St Thomas' Mount six Latrines have been completed for the use of the Barrack Rs during the past year at a total cost of Rs 9,539 of which Rs 8,232 were expended in 1869/70. These latrines are on the dry earth system and are provided with

Latrines

Polacamund
Laurence Roylum.

with self acting apparatus which appear at present to answer very well. The conservancy of all the buildings occupied by European troops at this station is now conducted on this principle, no water being used in any of the latrines.

During the past year considerable progress has been made with this important work which is to provide accommodation for 400 boys and 300 girls. The following buildings forming part of the establishment have been completed. The Ivor Bishops the Servants Quarters with Latrines and Cook rooms, the West Wing and North Wing Dormitories, the Principals Quarters

Quarters, the Cook-room attached to the East-Ward Dormitories, the Irish house Cook-room and Latrine of the Female Asylum, seven Blocks of Police Lines, Temporary Jail to accommodate 500 Convicts and Apothecaries Quarters, the Hospital and Engineers Workshop.

The following buildings are drawing towards Completion:-

The School Room and covered Play Ground, the Library, Main Sewer, Dining Hall and Store Rooms, East Ward Dormitories and Masters Quarters and the Latrine and Washhouse attached thereto.

Civil Buildings

Taloob Cutcherries with Subsidiary Jails attached.

The want of proper accommodation for the establishments attached to the taloobs in several districts has rendered the construction of numerous Cutcherries and Subsidiary Jails necessary. These buildings were in fair progress under special grants but there having been discontinued very unexpectedly, the buildings have in most cases either been ~~proceeded with~~ ~~discontinued~~ slowly under allotments from the regular Budget or been stopped altogether. The taloobs

Cutcherry and Subordiary
Jail at Sidhout in the
Cuddapah District has
laid Rs 2240 Rs expended
on it during the past year
and is almost completed.
Another building of the same
kind at Trivellore on which
Rs 1210 have been spent
during the past year
and Rs 23210 altogether
is nearly ready for occupa-
tion. The Cutcherry and
Jail at Ahtoor in the Salem
District is in a forward
state and the same may
be said of that at Dama-
-kal in the above district.
The exposure of these works
in an incomplete state to
the monsoons cannot fail
to cause them damage but
this under the circumstances
is

is unavoidable. The Subs-
-sidiary Jail at Vallajah-
-pett would have been
completed but for the curt-
-tailment of the allotment
of funds originally granted
for the work as it is how-
ever it requires little to
render it fit for use. Rs
1489 have been laid out
on it. Another work
which has suffered in the
same way from want of
money, is the Subordiary
Jail at Arcanum on which
out of an original grant
of Rs 4180 only Rs 1490
could be availed of in
The other Talook Cutcherries
and Jails on which large
sums have been expended
are in the Malabar and
Coimbatore Districts
they

they are all in a forward state and might have been nearly completed but for the want of funds. The following is the expenditure on these works during the past year.

Cahnigerry Cutcherry	Rs	10,700-10-6
Sellicherry	Do	12,600--
Darapuram	Do	9,345-3-1
Erroode	Do	12,967-2-6
Pollachy	Do	9255-10-9
Oodumpetta	Do	6761-2-5

The improvement of the existing District Jails and the provision of additional accommodation for prisoners in large new Central and District Jails have been proceeded with as vigorously during the past year as the limitation of expenditure would allow.

Central and District Jails.

The

The Central Jail at Rajahamundry on which already Rs 3,21,957 have been expended and which is estimated to cost 3,53,263 Rs has been advanced ~~during the past year~~ by the outlay of Rs 19,026. a large latrine a bathing cistern for females, the Constables huts and three Quarters for European Head Constables are completed. Eighteen Warders huts are ready to be tiled, the Chief Warder's house is nearly ready for occupation, the walls of the office and Store Room have been raised to the full height and a well 69 feet deep has been sunk near the Constables huts. The work was stopped for want of funds.

Rupees 19,642 have been laid out in improving the old Jail at Bellary. This expenditure added to that previously incurred makes a total sum of Rs 55,081. All the principal buildings are completed, but a modification in the plan has lately been suggested, and the decision on this is now awaited.

Seven Juvenile Wards have been added to the Penitentiary at Madras which has further been improved by the addition of three latrines, viz solitary cells, general under-trial wards, a latrine for females, Female Barracks, and a contagious

disease ward. These works have cost during the past year Rs 39,980 and will give increased accommodation and enable the Jail authorities to separate and classify the different sexes and grades of prisoners which could not hitherto be done owing to the crowded state of the old Jail.

Great progress, ~~however~~ moreover has been made with the central Jail at Vellore on which Rs 96,213 have been expended in 1869/70. Five of the main wards are already occupied by the convicts, and

most

most of the interior buildings are completed. Convict Labour has been made use of to a considerable extent in brick Burnat Prisg. building and Carpentry, but it has not proved remunerative, chiefly on account of the large cost incurred in superintending and guarding the prisoners.

The

~~chiefly Cuttaccoorin and Sub-~~
~~-sidiary Jails in the Trichi-~~
~~-nopoly and Tanjore District~~
~~which are in like manner~~
~~liable to deterioration from~~
~~the suspension of operations~~
~~there~~. The largest expen-
-diture on Jails in the South
~~of the Country~~ was incurred
at Trichinopoly on the
Central Jail. This work
has cost altogether up to
the present Rs 3,49,650
of which Rs 91,334-10-0 is
the amount laid out in
1869/70. Excepting the fol-
-lowing buildings which
are nearly all either on
the point of completion
or in a forward state
the Jail is ready for
occupation

occupation. Invalid lines wards. Latrines. Female wards. Solitary Cells. Work sheds. Infirmary Quarters and Central Tower.

The only important works of this class have been carried on during the past year in the Western Coast districts are the Central Jail at Cannanore and the District Jail at Calicut. The expenditure on the former was Rs 57,260-0-10 and on the latter Rupees 5,779-10-4. About two thirds of the work in connection with the Cannanore Central Jail is completed and materials are ready to continue operations.

The

The object of the Jail at Calicut was to provide a building capable of containing the average number of Convicts usually under sentence at this station without overcrowding them. The old Jail was too small, badly situated and, moreover, very unhealthy at certain seasons. The work done in 1869/70 consisted in the erection of two Workshedes for intramural labour, one large Cook house for all castes, and cisterns to the wells, and in the flooring of the Store Rooms with Asphalte. The Jail was finally handed over to the Inspector General last November.

Lunatic Asylums

Of the four new Lunatic Asylums in course of erection in the Presidency, the first to be noticed is the one being built at Vizagapatam to contain 60 patients.

A sum of Rs 28,157 has been expended in the past year on the Lunatic Asylum at Madras the total expenditure now being Rs 43,157. The Hospitals for both males and females, the Cook houses and Privies, the Dresser's and Deputy Superintendents quarters, five Cottages for males and for criminals and the Hospl. are virtually completed. The Superintendents office is in a very forward state. This work is among those which were suspended in consequence of the Public Works

Works allotment having been curtailed.

The Asylum at Madras has been advanced by the expenditure during the past year of Rs 60,368. The total expenditure has now reached Rs 197,221 and the buildings as originally laid out are nearly all completed and will be ready for the reception of their inmates as soon as some necessary additions are supplied. This establishment is arranged to give effect to the modern system of treatment which is based upon the principle of allowing the unfortunate class of people for whom it is intended the utmost amount of liberty consistent with safety. It is well situated in a retired suburb of the town in grounds which a few years ago formed an extensive private Garden and [illegible] to which a beneficial [illegible] will be [illegible] for the [illegible]

The only other work of this class which was carried on in the Presidency during 1869/70 is the Lunatic Asylum at Calicut on which Rs 12,612-0-4 were spent, making a total expenditure of Rs 22,549-9-5. This work has been rendered necessary by the want of a place where lunatics might be confined and carefully looked after. The Buildings, as at Madras, are arranged on the cottage system, each of these cottages for males and three for criminal lunatics being already completed with Hospital, Superintendents Quarters and out houses attached.

little remains to be done but the construction of the walls to enclose the cottages in separate plots. This work was suspended in consequence of the original grant of money for the work being subsequently curtailed.

There are numerous other Civil Buildings on which progress has been made during the past year. The Civil Court House at Bellary, (expenditure Rs. 14,999) was commenced and pushed on with as far as the funds would admit of. The walls of the lower story have been run up to the full height and are now ready for the terracing of the verandah, is in a fair state

to

to be roofed in.

At the Presidency
town the Revenue Board
office has been considerably
advanced with an outlay
of Rs. 50,000. The additions
to the lower and upper
story and the verandahs
on the north and west
faces are nearly completed.
The other verandahs are
in a forward state. At
present the Revenue
Board, the Revenue Settle-
ment and the Revenue
Survey Departments are
inconveniently crowded,
and the object of these
additions and improve-
ments is to afford them
better accommodation which
has already been partly
secured although the
work

works are not yet quite
completed. The entire build-
ing will present a most
striking appearance when
finished. It is in the
Hindoo Mahomedan style,
a style it would have been
impossible to carry out
in any material more
costly than stucco which
is so easily moulded to
any forms. It harmonizes
well with the landscape,
affords great variety of
colour and appeals par-
ticularly to the sympa-
thies of the people.

The Presidency College.

The Presidency College
which was opened by His
Royal Highness the Duke
of Edinburgh during his
short stay in Madras

so virtually ready for occupation. All that remains to be done is the completion of the Central Tower which will not take long. This College will be one of the most important architectural features in the line of buildings which stretches along the shore and will it is hoped do something towards removing the monotonous effect which is produced by the adoption of the single style (if such it can be called) which prevades all the other buildings facing the sea. It may be looked upon as the first modern architectural building where the natural surfaces of the

materials have been exposed to view. The materials are Scholium Hurr granite (a light grey stone) Cuddapah limestone (dark blue) and red brick. The style Italian Renaissance freely treated in accordance with precedent carefully adapted to the various requirements of the case. The forms of the towers are admirably suited to the various openings and prevent almost an equal variety to the gothic. The materials moreover can be thrown roughly together without the exacting nearness and refinement indispensable in classical art. In spite of all the care that has been taken with the form and proportions, the want of sculpture in

evident to the experienced eye to relieve the building of its somewhat cold and unfinished appearance. It is only fair to add that in the absence of everything in the shape of a tree near the College it is difficult at present to say what may be the ultimate effect of the building. The superior accommodation of this Institution, the excellent arrangements of the rooms, and its exposure to the beneficial influences of the sea breeze cannot fail however to produce important effects in the conduct of education. The expenditure in 1869/70 was Rs 35,090 and the total expenditure has reached the sum of

Leper Hospital at Madras.

Senate House.

Rupees 2,26,174.

The new wards which were much required to the Leper Hospl in Madras have been completed ~~and opened~~. ~~Exact~~. They add considerably to the convenience of the Institution which has now become one of the most useful in the Presidency town. Rs 3393 were expended in the past year and the total sum laid out now amounts to Rs 34,968 the estimate being 35,320 Rupees.

A beginning has been made with the new Senate House which stands not far from the Revenue Board office but is nearer the sea. This when completed will be another among the handsome buildings

buildings which are being added
to the town: at present only
the foundations have been
laid out at a cost of Rs
28.152, and it is therefore
impossible to judge what
the effect will be, but the
work has been designed
with the greatest care
with the view to secure
both comfort and archi-
tectural effect. The
general forms of the building
will be Byzantine but the
attempt has been made
to infuse as much of the
Hindoo Mahomedan style
into them as possible, so
that the Senate House may
harmonize to some extent
with the other buildings
in the neighbourhood. As
a work of art the Senate

House may be considered
as the highest effort yet
made in this Presidency
to design a building to
accord with the feelings
and sympathies of the people

Court House at Sanjore.

At Sanjore the new
Court House has been
nearly completed and would
have been quite so but for
the curtailment of funds.
Little remains to be done
excepting some superficial
work to the walls and
the tiling of the roof. The
outlay during 1869/70
was Rs 20,153. 8 - 6 and
the total sum spent is
Rs 46.619 - 7 - 10.

Sulicorin Telegraph Office.

At the sea coast town
of Sulicorin in the South
of the Presidency, where
the

Agricultural

Godavery

In this District no works which had not been in progress the preceding year, were undertaken, and the improvement of this system of irrigation has unfortunately been retarded by the backward state of the estimates and designs which must be completed and sanctioned before the works can be pushed on properly; the officers who are alone available for this duty having had their time much occupied with current duties delay has been inevitable, and it is uncertain when the

to the want has been felt to considerably a new Telegraph office at a cost of Rs 17,360 has been commenced and completed. The structure is of sand stone pointed with Chunam, and, as much as it contains accommodation for both the officer in charge who lives in it and for the daily uses of the establishment, it is as complete as could be desired.

the estimates will be fi-
-nished. The principal
works in progress, with
the expenditure upon
them, are as follows::

Description	Estimate Rupees	Expenditure of the year	Total expenditure
Widening and improving Samalcotta Canal	131,200	26,146	110,954
Improvements to Reed Canal	103,234	7,734	95,765
Widening Gunnavaram aqueduct	20,300	4,388	14,035
Extension of Irrigation Western Delta	None	44,509	63,761
Extension of Irrigation under Ellore Canal	None	27,637	56,531

The Samalcotta Canal
is one of the principal
lines of navigation, and it
irrigates about 20,000 acres
of land, the navigation
which was very defective
has

has been much improved,
and the arrangements for
the distribution of water
to the fields have been
modified with a view
to reduce the waste which
had been found to be very
great. This Canal will
shortly be completed.

The improvements to
the Reed Canal are nearly
finished, and it is reported
that they have resulted
in an increased 2,073
acres of irrigation, and of
Rupees 11,304 of Revenue.
A larger increase may be
expected next year.

The widening of the
Gunnavaram aqueduct,
by which a large irrigation
channel crosses a branch
of the Godavery, has been

nearly finished, the work having been executed much under the estimated cost:

The work done in the Western Delta is only a beginning of the some-what extensive improvements required, which are to provide for the extensions of irrigation, the provision of drainage towards which little had been done, the substitution of permanent locks in the navigation canals for the temporary locks which were constructed in the first instance, and many minor works which experience has shewn to be necessary. With

60

With one or two exceptions the details have been settled and the estimates are under preparation.

Kistna

On the Masulipatam or Eastern side of the Kistna Delta the following were the considerable works in progress with the expenditure thereon.

Description	Estimate Rupees	Expenditure of the year	Total expenditure
Enlargement of Channels Masulipatam section	1,83,000	21,547	98,859
Irrigation Channels on the west side of Masulipatam Canal	49,860	6,734	38,625
Widening head of Masulipatam and Inam Canal.	20,080	1,655	13,323
Rajiés Canal.	4,12,210	36,513	80,864

None of the works made such progress as would have been desirable. There is considerable difficulty in

in carrying out improve-
-ments, owing to the chan-
-nels having to carry water
for the cultivation for the
greater part of the year,
and, when the canals
are dry, there is a great
demand for labour for
ordinary repairs. A glance
at the expenditure co-
-lumn will show that
this part of the Delta
was practically in much
the same state at the end
of the year as at the
beginning.

Similar particulars
for the western section
of the Delta are subjoined.

Description

Description	Estimate Rupees	Expen-diture of the year	Total expend-iture
Side Channels Doogarala to Nizapatam	56,720	11,026	51,720
Extension of the Comma-noor Channel	195,770	17,023	1,74,089
Western Bank Channel	146,479	17,679	1,53,988
Enlarging main Canal	2,76,404	6,702	2,06,135

61

The first work has
been very nearly completed.
The work on the Comma-
-noor Channel has been
deferred until it shall
have been decided what
is to be done to complete
the irrigation system
in this part of the Delta.
The estimate for the western
Bank Channel has been
somewhat executed, but
it is reported that the
work has been very satis-
-factorily executed, and
that

that much new land has been brought under irrigation. The enlargement of the main Canal made little or no progress, this is stated to have been due to the long period during which water was in the Channel. It is however considered that arrangements might be made for concentrating labour on this Channel during the short time work can be pushed forward: and everything that can be done should be looked to for until the widening is effected, any considerable extension of irrigation will be

lie out the question, and there have been already several rather large demands made for water.

The only work of any considerable importance, which was in progress in this District during the year, was the Survapully Channel and its branches. The additional area intended to be irrigated by this Channel is acres 25,500 and already a considerable extension of irrigation has taken place. The estimated cost of the works is Rs 4,12,100 the outlay during the year was Rupees 57,998, and the total expenditure Rupees 1,88,822 so that considerable

progress has been made, though this progress was not as satisfactory for the years under review as in the preceding years.

A large part of the time and attention of the members of the P. W. Dept. in the above Districts is occupied with the maintenance of existing works, and these cannot be dwelt upon in a report of this nature.

In the Cuddapah and Kurnool Districts the expenditure on Irrigation works was confined to repairs. In Bellary four works of improvement were partially carried out; the

Cuddapah
Kurnool
Bellary

principal one being the restoration of the Goitloor Sank, at an estimated cost of Rupees 60,500. the expenditure during the year was Rs. 8,476 and up to the close of the year Rs 43,523. The sudden stoppage of expenditure affected this work, but greater progress might reasonably have been expected before that event occurred.

Madras

In this District some important works commenced in previous years were carried forward and of these the principal were the Madras water supply project, the Chembrambakam Tank enlargement, & the Vallor Anicut.

The first includes an
Anicut across the Cortilair
a supply channel to the
Cholaveram Sank, the
depth of which is to be
increased 15 ft. and thence
a Channel to the Red
Hills Lake, which also
is to be deepened by rai-
-sing its bank 15 feet.
These works made suffic
-ient progress during the
earlier part of the year
to allow of a large quan-
-tity of water being taken
from the river and stored
in the Sankey; and as
the S.E. monsoon in
their neighbourhood al-
most entirely failed, the value
of the new arrangements
was made evident, for the
fields

fields were fully cultivated
whereas but for the im-
-provements, there could
have been no water. The
expenditure of the year was
Rupees 2,42,247, and the
total expenditure 8,15,323 Rs
against an original estimate
of Rupees 6,41,759 - a revised
estimate amounting to Rs
10,39,175 has been submitted
for sanction - The improve-
-ment of the Chembram
-bankam Sank was origi-
-nally sanctioned for exec-
-cution from Loan Funds,
but doubts of its remunera-
-tiveness having been raised,
it is now being carried out
from the ordinary grant,
and it is under consideration
whether it will not be ad-
-visable to limit the increased

depth to 6 feet whereby the capacity will be augmented from 55·60 to 102·91 millions of Cubic Yards, instead of to 196·87 millions as at first intended. The water supply is dependent entirely on the S. E. monsoon, and the river the Coorum whence the supply channel is taken riffs has of late years contained so little water, that it is very uncertain whether a reservoir of the larger size could be filled sufficiently regularly to compensate for the large outlay required. The expenditure of the year was Rupees 93,800 and that up to the close of the

year Rs 1,98,543. The Vallore Anicut was commenced in 1868/69, and the works were carried forward as far as the funds available would allow. The estimate is Rs 36,000 the expenditure of the year Rs 7,725 and the total outlay Rs 29,725. No increase of revenue has as yet been obtained. A revised estimate amounting to Rs 40,925 was sanctioned for this Anicut shortly after the close of the year, difficulties with the foundations caused increase of expense.

North Arcot

The extension of the Channels on the South side of the Cheyaur, which are

are commenced in the pre-
-vious year on an estimate amounting
to Rs 47,600 was carried
on this year so far as the
allotments available would
admit; and the outlay was
Rs 12,491; that of the
former year being Rupees
19,999. There were no
freshes in the river of any
duration, and the extended
channels consequently re-
-ceived no water.

Some minor but useful
works were carried out
in this District during
the year under review
but they were of an ordinary
kind and call for no spe-
-cial notice.

The progress of irrigation
works in this District

South Arcot.

30

was materially affected
by the sudden with-
-drawal of funds in De-
-cember. The improvement
of the Allangal Channel,
which was up to that time
in progress on an estimate
amounting to Rs 12,620
was so far advanced, at
an outlay of 3,688 during
the year, as to fully supply
the largest Sauk connected
with it. On the Mehmatoor
Anicut across the Manimuk
thanadi, Rs 12,537 were
spent in 1868/69, and
21,127 in 1869/70. The
anicut is nearly finished
but the channels were
stopped just when a few
months more work would have
made them of material use-

out of an estimate of Rs 46,400 for the Pombay Channel from the northern end of the Poonian Anicut, Rs 45,388 had been expended to the close of the year of which Rs 4,229 were the outlay of the year. The benefit derived from the channel is reported to have been very great; all the tanks dependent upon it received a good supply of water, and the Pombay river also received through it a large quantity of water thereby benefitting much the tanks under that river.

In Salem irrigation works of any importance were undertaken.

Salem.

In

Tanjore

In Tanjore the regulating works for the improvement of the Cauvery were proceeded with, but the progress made was not altogether satisfactory as out of an allotment of Rs 27,700 from Loan Funds, only Rs 2,446 were spent; Rs 17,899 being relinquished, and 7,365 left unspent. The local funds are however contributed to the extent of Rs 34,300 to the bridges connected with the regulators and Rs 30,061 were expended from this source. The result of the works is reported to be excellent, and partly owing to the improvement of the distribution which they

effected, and partly to a good season, the Cauvery at Combiaconum contained water up to nearly two months later than has been usual.

Trichinopoly.

In this District which lies immediately to the west of Tanjore and is irrigated to a considerable extent from the Cauvery, no new works of magnitude were in progress during the year under review.

Neilgherries

At the Lawrence on the Neilgherries is the first tank or reservoir of considerable size of which the construction has been attempted by

excavating and depositing the soil for the bund by the agency of running water. Mr McIvor the Superintendent of the Botanical gardens, by whom the work was undertaken, has had considerable difficulties to contend with, owing partly to the nature of the site, and partly to his being without experience of the requirements of works of this class. In the occurrence of the freshes in June last the earth works of the dam were lapped by the water and swept away; and the masonry culvert under the bund has been found to be too weak for safety, and it has been decided

to close it. The progress made in raising the earthen dam has fallen short of Mr. McIvor's anticipation, and at the close of the year under review considerably less than one third of the intended height had been attained. It appears therefore to be doubtful whether it will be found practicable to secure the work from destruction during the next season's freshes, as this can be done only by providing an ample escape for the surplus water. The original estimate for this reservoir was Rs 25,000, the revised estimate amounts to Rs 35,000 the expenditure of the year was Rs 19,000

Tinnevelly

and the total expenditure Rupees 32,000.

The Strengnitum Anicut works on the Tambraparny, the principal river of the District and one which, taking its rise in the western ghauts, always carries during the S. W. monsoon a large supply of water, continued in this year to make very satisfactory progress. In 1868/69 Rs 1,04,469 were expended and in 1869/70, the outlay amounted to Rs 3,14,824 it would have been still larger but for an unusual flood in the river in November, by which the country was inundated, and extensive injuries

inflicted on almost all the old irrigation works connected with the river. The Shrivigunturn Anicut itself suffered no damage but the river broke in into the main Channels on either side and occasioned many breaches besides bringing in a great deal of silt. The Masonry generally sustained but little damage. The removal of damaged work is estimated to cost Rs 31,974, and the loss of materials lent to Govt is calculated to be Rs 4,259-8-0. It is not anticipated that any excess over the original estimate will be caused by the necessity for meeting this additional outlay.

Investigations. In January the investigations regarding the capabilities of the Rooshikooliah and Inamdaddy were so far advanced as to admit of estimates being submitted, but it was found that the character of the water supply of these rivers was not such as to admit of direct irrigation from canals without the assistance of reservoirs. Accordingly further investigations are in progress for ascertaining where water can be stored, and at what cost. The estimates received provided for the irrigation of 14,000 acres, and they amounted to

nearly Rupees twelve lakhs exclusive of superintendence. When revised they will be likely made to exceed this amount - The returns will be derived from 120,000 acres of improved cultivation at present badly supplied, and from a comparatively small area of new irrigation. The project is at present not very promising.

In the Godavery the estimates for the improvement and completion of the irrigation and navigation in the Delta have not been as yet completed: and indeed those for the Central Delta are badly commenced - The Staff of Officers has not

sufficed for the satisfactory management of the works upon which the existing irrigation depends, and it is not surprising therefore that estimates and designs for improvements on a large scale should be still incomplete. It is much to be regretted that the officers who have been employed for a long period in the Delta, and who are thoroughly acquainted with its wants could not be relieved for a time of current duties, and enabled to get the estimates ready - as it is many works urgently needed will not be commenced until after the lapse of another

season. Drainage works are especially required, not only to render cultivation in some parts possible, but to prevent the public health from suffering; fever has been prevalent of late, and it appears to be attributable to stagnant water.

Somewhat similar remarks apply to the Kistna Delta, though here no fever has as yet shown itself. The preparation of projects for making the works in the two sections of the Delta complete & efficient, demands much labour and thought, and when officers have pressing calls upon their time

and attention in connection with their current duties, it is hopeless to expect any considerable progress with additional work. It would be altogether far more economical & efficient were experienced officers appointed to attend for a time solely to the design and estimates of the works still required. A few days spent now and then by a Range officer are practically of no use he finds his data imperfect, and difficulties at every step, and before he can get matters in train, he is obliged to put this work aside, and attend to his

ordinary duties.

The investigations in connection with the Sungam project in Vellore offer a remarkable contrast to those in the Delias of the Godavery and Kistna. Here a special and competent officer has been employed and the result has been the submission of a project which is complete and intelligible. It provides for the irrigation of 74,000 acres, of which about one half is at present more or less supplied from existing works. The estimates amount is Rupees 25,83,800 and include establishments, compensation for

land &c. With some modifications of details the work may probably be carried out for 25 lacs and the expected returns are between 9 and 10 per cent; after providing for maintenance, conservancy establishments, and all expenses.

In South Arcot the Palaudorai project for the irrigation of about 16,651 acres from the Vellaur was completed, and it has since been sanctioned. The estimates amount to Rs 1,98,235, and it is calculated that the returns will ultimately reach 25 per cent on this amount.

Du

In Tanjore the pro-
-jects for the regulation of
the Vennaur the first great
branch of the Cauvery, as
also for shutting out flood
waters from the Cauvery
below the Grand Anicut
have been completed. The
former has been submitted
for the sanction of the
Government of India:
the estimates amount to
Rs 1.99.450, and the area
interested in the improve-
-ments proposed is 330681
acres. The Cauvery project
is under consideration with
a view to determine the
best way of securing the
required regulation at the
Grand Anicut; the arrange
-ment estimated for being
open to some objection.

In Madura the
Peryaur projects for diverting
the waters of the river of
that name from their
natural outfall west-
-ward into the Vooroolay
and Vigay, which run
eastward to the Bay of
Bengal, has been vigorously
proceeded with. The inves-
-tigations on the hills so
have been very nearly com-
-pleted, and those in the
plains would have by
this time nearly, if not
quite, finished, had not
the two senior officers em-
-ployed been knocked
up by fever and exposure,
one had had to proceed to
England, and the other
has been withdrawn

Peryaur or great river

to

to a better climate and lighter work: the officer who has recently completed the Sungum scheme in Nellore has been appointed to complete the project, but he is new to the country, and it will take him some time to make a fair start.

In Tinnevelly some advance has been made in investigating the capabilities of the Tambraporany, but the officer charged with this duty was withdrawn temporarily ere much had been done, to assist in restoring the works damaged by floods in November, and afterwards it was found necessary to

to place him in charge of the Division as Superg: Engineer. It will probably be a long time before another officer will be available for this work. In the extreme South a young Assistant Engineer is engaged upon the examination of some river streams: no report has hitherto been submitted to shew the result of his investigations.

F.W.
Fam. 15 Deed 170 ack 3052-3

F.W.
Fran. 15 Dec 770 ak 30523

F.W.
Rec. 15 Dec 70 at 3053-3

In the Coimbatore District investigations, having for their object the determination of the best sites of storing the flood waters of some of the affluents of the Cauvery, were commenced in December 1869, on the return of an officer, who had been selected for this duty, from England - at the close of the year, the reduction of establishment ordered by the Govt. of India necessitated the abandonment of this enquiry, just as the staff employed were beginning to get acquainted with the country - This scheme, like many others, has been taken up and thrown dropped over and over again; and yet there can be no doubt that it is well worthy of being thoroughly and conclusively examined into, for upon the information obtained the improvement and extension of irrigation in Coimbatore, Salem and Trichinopoly depend as also the settlement of the question whether the great area of irrigation in Tanjore can be secured against the risk to which it is exposed by the frequent failure of the water supply in the interval between the two monsoons.

Statement Shewing the outlay from Local Funds of all descriptions

District Road Fund

under Budget Heads during the

Establishment

	Civil Buildings			Agricultural Communications			Miscellaneous Public Improvements			Total			By Public Works	By Officers of this Office	By Public Bodies	By Officers of this Office	By Public Works	By Officers of this Office
	By Public Works	By Officers of this Office		By Public Works	By Officers of this Office		By Public Works	By Officers of this Office										
	Bridges	Roads	Other Works	Bridges	Roads	Other Works	Bridges	Roads	Other Works									
Ganjam							40143	24122		4700	2997				42992	24122		4700
Vizagapatam							116280	14800					1358		116580	14800	1358	
Godavery							147102	14538				2780	1296	505	147102	17318	4296	505
Kistnah							90553	16685	10338	379	1416				95 81496	16685	10338	1334
Nellore							58466	17845							58466	17845		
Cuddapah							16975	50686					349	4288	46963	50686	349	4288
Kurnool					160		57768	16744		3736			536	1893	57768	18744	536	5629
Bellary							31169	62849		3940					31169	63009		3940
Chicacole							10810	29765	750					2642	18000	29765	750	2642
Vizianagram							1898	70732	1947	300			5572	1399	1898	70732	7519	1699
Rajahmundry							32633	62657			1463	78	18	2727	33096	62729	18	2727
Masulipatam							8782	2579	350	81706				11535	8782	2579	350	96241
Guntoor							190361	80857		158			7678		190361	80857	7678	158
Nellore							28368	36681		1027	1893		264	192	30261	36681	264	1219
Cuddapah							39705	57136	580	12972			725	2139	39705	57136	1305	15111
Kurnool							500	6660					13	500	7673	6660		13
Bellary							74075	53487	369	1914	1897		2588	79	75972	53596	2957	1993
Madras		109					32803	7617	272	5676			1052	836	32003	7617	1324	6512
South Arcot					10000		5017	21487	30438	11311					15017	21487	30438	11311
Madura							94320	42863	669	2276					24939	42863	669	2276
Tinnevelly					10000	160									11339			
Total		109					1101281	667828	45713	133095	8166	2858	24436	29203	1112381	670955	70149	162298

24122		4700	3103	6711	9814		
14800	1358		3756	13099	16855		
17318	4296	505	6918	16411	23359	600	
16685	10338	1334	81492	9865	18357		
17845			1683	7131	12114		
50686	349	4288	3313	10447	13760		
18744	536	5629	2471	7936	10410	45	
63009		3940	18975	10106	15001		
29765	750	2642	3971	1782	8756	558	
70732	7519	1699	6450	7263	13713	587	
62729	18	2727	41122	9582	11004	150	
2579	350	96241		1138	1138	2000	
80857	7678	158	8011	27141	35155		
36681	264	1219	3686	6695	10381		
57136	1305	15111	3517	9084	12631	768	
6660		13	11463	862	23225		
53596	2957	1993	3012	12841	15856		
7617	1324	6512	2831	10415	6879	700	
21487	30438	11311	2723	1792	4575		
42863	669	2276	4561	13718	18282		
670955	70149	162298	82323	180982	263305	5408	

Local Funds of all descriptions under Budget Heads during the 1869/70

88

District Road Fund

Actuals

Communications				Miscellaneous Public Improvements				Total				Establishment						Tools and plant	Total outlay from all Funds
By Officers of the Civil Department	By Public Works Officers	By Officers of the Revenue Department	Total	By Public Works Officers	By Officers of the Revenue Department	Repairs	Total	By Public Works Officers	By Officers of the Revenue Department	Repairs	Total	By Officers of the Civil Department	By Public Works Officers	By Officers of the Revenue Department	Total	By Public Works Officers	By Officers of the Revenue Department	Total		
New	New	New	New	New	New	Repairs	Repairs	New	New	Repairs	Repairs	New	New	New	New	New	New	New		
Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads	Roads		
Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges	Bridges		
Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings	Buildings		
40193	24122			4700	2997														42990	
116280	14850									1358									116280	
147102	14538					2780		1296		505		1471102								
80553	16685	10338		379	1416														95	81969
68466	17845																			56466
16075	50686							349		4288		4660	75							
57768	18744			3736				536		1893		5277	68							
31169	62849			3940																31169
128910	29765	750								2642		18810								
18998	70732	1947		300				5572		1399		1898								
32633	62657					1163	78	18		2727		33196								
8782	2579	350		84706						11535		8782								
190364	80857			158				7678				190364								
28368	36681			1027	1893			264		192		30261								
39705	57136	580		12972				725		2139		39705								
500	6660									13		500								
74075	53487	369		1914	1897			2588		79		73972								
32803	7647	272		5676				1652		836		32803								
5017	21487	30438		11311								24310								
94320	42863	669		2276								112771								
1101281	667828	45713		133095		8466	2858	24436		29203		1122771								

24122			4700	3103	6711	9814													100	81726
14850	1358			3756	13099	16855													3569	152862
17318	4296		505	6918	16411	23359	600		600										168	193348
16685	10338		1334	8192	9865	18357													1259	129942
17845				4683	7431	12114													460	86685
50686	349		4288	3313	10447	13760													1574	117502
18744	536		5629	24714	7936	10410	45		45										2196	95328
63009			3940	18075	10106	15001													207	113326
29765	750		2642	3974	4782	8756	558		558										146	61427
70732	7519		1699	6150	7263	13713	587		587										376	96524
62729	18		2727	4122	9582	14004	150		150										806	113530
2599	350		96241		1138	1138	2000		2000											111110
80857	7678		158	8014	27141	35155													235	314441
36681	264		1219	3686	6695	10381													89	78895
57136	1305		15111	3527	9084	12631	768		768										856	121512
6660			13	1463	862	2325														9498
53596	2957		1993	3012	12844	15856													300	150674
7647	1324		6512	2831	4045	6879	700		700										349	56214
2487	30438		11311	2723	1792	4515													2	64370
42863	669		2276	4564	13718	18282													763	159173
670955	70149		162298	82323	180982	263305	5408		5408										13425	2308287

Statement shewing the outlay from Local Funds of all descriptions

during the Year 1869/70

	Civil Buildings				Agricultural		Communications				Water Supply & Drainage				Education				Establishment charges for Public Bodies		Tools and Plant	Total outlay from all Funds
	By Public Bodies		By Officers of the Public Works Department		By Public Bodies		By Officers of the Public Works Department		By Public Bodies		By Officers of the Public Works Department		By Public Bodies		By Officers of the Public Works Department							
	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	Value of Land transferred	Rupees	
Ganjam																			2500	"	"	2500
Vizagapatam																			715	"	"	777
Godavery																			4236	"	"	17289
Kistnah																			20468	"	"	23923
Nellore																			24	2616	"	2640
Cuddapah																			3589	"	"	3589
Kurnool																			6364	598	"	6962
Bellary																			"	"	"	"
Presidency																			980	726	1203	3029
Chingleput																			"	"	"	"
North Arcot																			"	"	"	"
South Arcot																			27486	"	"	27486
Salem																			"	1259	"	1259
Tanjore																			896	190	730	3786
Trichinopoly																			316	1645	157	2260
Coimbatore																			225	"	"	225
Nilgherries																			"	"	"	"
Malabar																			108	1721	"	1829
South Canara																			137	2562	190	5230
Madura																			147	2028	"	1242
Tinnevelly																						
Total																			68191	13345	14023	107007

Statement shewing the outlay from Local Funds of all descriptions

on District Road & Ferry Works

	Civil Buildings		Agricultural Communications		Minor Navigation Public Improvements		Total		Establishment						Total outlay from all Funds
	By Public Works Officers	By Officers of Rent Roll Dept.	By Public Works Officers	By Officers of Rent Roll Dept.	By Public Works Officers	By Officers of Rent Roll Dept.	By Public Works Officers	By Officers of Rent Roll Dept.	By Public Works Officers	By Officers of Rent Roll Dept.	Total	Petty	Total	Petty		
Ganjam															
Vizagapatam															
Godavery															
Kistnah															
Nellore															
Cuddapah															
Kurnool															
Bellary															
Presidency															
Chingleput	6242	48					6242	48	6329	6329					67619
North Arcot															
South Arcot	799						799		80	80					879
Salem															
Tanjore															
Trichinopoly															
Coimbatore															
Neilgherries															
Malabar															
South Canara															
Madura	1748						1748		1175	1175					12923
Tinnevelly															
Total	75789	48					75789		7584	7584					83422

Statement shewing the outlay from Local Funds of all descriptions on District Road & Ferry Works during the 1869/70

Establishment

	By Public Works Officers	By Officers of Rent Roll Dept.	By Officers of Schools	Books and plant	Total outlay from all Funds
	Total	Petty	Total	Petty	
Ganjam					
Vizagapatam					
Godavery					
Kistnah					
Nellore					
Cuddapah					
Kurnool					
Bellary					
Presidency					
Chingleput	6329	6329			67619
North Arcot					
South Arcot	80	80			879
Salem					
Tanjore					
Trichinopoly					
Coimbatore					
Neilgherries					
Malabar					
South Canara					
Madura	1175	1175			12923
Tinnevelly					
Total	7584	7584			83422

Statement Shewing the outlay from Local Funds of all descriptions

on District Road Vs. Funds

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements			
	By Public Works	By Officers of the Revenue Dept.			By Public Works	By Officers of the Revenue Dept.			By Public Works	By Officers of the Revenue Dept.		
	New	Repairs	Total		New	Repairs	Total		New	Repairs	Total	
Canjeeram												
Chingleput												
Coimbatore												
Cuddapah												
Cuddalore												
Godavery												
Kistnah												
Kurnool												
Madras												
Malabar												
Nellore												
Nilgiris												
Ootacamund												
Pollachi												
Salem												
Tanjore												
Tinnevelly												
Total												

Canal Fund

| | | | | | | | | | | | |

Statement Shewing the outlay from Local Funds of all descriptions

on District Road Vs. Funds

on Roads during the 1869/70

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements				Establishment				Total
	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Public Works	By Officers of Civil Works	By Officers of Civil Works	Tools and Plant	
		Roads Bridges Buildings		Roads Bridges Buildings		Roads Bridges Buildings		Roads Bridges Buildings		Roads Bridges Buildings		Roads Bridges Buildings		Roads Bridges Buildings	Depots Schools &c.		
Guicawar																	
Vizagapatam																	
Godavery																	
Kistnah																	
Nellore																	
Cuddapah																	
Kurnool																	
Bellary																	
Presidency																	
Chingleput																	
North Arcot																	
South Arcot																	
Salem																	
Tanjore																	
Trichinopoly																	
Coimbatore																	
Neilgherries																	
Malabar																	
South Canara																	
Madura																	
Tinnevelly																	
Total																	

88

Total out

flow,

all Funds

Statement Shewing the outlay from Local Funds of all descriptions

under Budget Heads during the 1869/70

88

	Civil Buildings				Agricultural				Communications				Miscellaneous Public Improvements				Total
	By Public Works Officers		By Officers of the Revenue Dept.		By Public Works Officers		By Officers of the Revenue Dept.		By Public Works Officers		By Officers of the Revenue Dept.		By Public Works Officers		By Officers of the Revenue Dept.		
	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	Establishment	Contingencies	
Ganjam																	
Vizagapatam																	
Godavery																	
Kistnah																	
Nellore																	
Cuddapah																	
Kurnool																	
Bellary																	
Presidency																	
Chingleput																	
North Arcot																	
South Arcot																	
Salem																	
Tanjore																	
Trichinopoly																	
Coimbatore																	
Neilgherries																	
Malabar																	
South Canara																	
Madura																	
Tinnevelly																	
Total																	

| | Establishment | | | | | | | | | | | | | | | | |

Statement shewing the outlay from Local Funds of all descriptions on District Road Vs. Funds

Expenditure on Budget Roads during the 1869/70

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements				Establishment								Total
	By Public Works Officers		By Officers not Civil		By Public Works Officers		By Officers not Civil		By Public Works Officers		By Officers not Civil		By Public Works Officers		By Officers not Civil		Roads and Bridges		Grand Total	
	Roads & Bridges	Other Public Works	Revenue Officers	Other Officers	Roads & Bridges	Other Public Works	Revenue Officers	Other Officers	Roads & Bridges	Other Public Works	Revenue Officers	Other Officers	Roads & Bridges	Other Public Works	Revenue Officers	Other Officers	Roads & Bridges	Other Public Works			
Ganjam																					
Vizagapatam																					
Godavery																					
Kistnah																					
Nellore																					
Cuddapah																					
Kurnool																					
Bellary																					
Presidency																					
Chingleput																					
North Arcot	707																				
South Arcot									26792	278			2778	2778							27499
Salem																					
Tanjore																					
Trichinopoly																					
Coimbatore									222	4057			427	427							4707
Neilgherries																					
Malabar																					
South Canara																					
Madura									25000	501			2550	2550							25501
Tinnevelly									150	250			40	40							440
Total	707								7110				711	711							7821
	707								63576	6376			7060	7060							77666

Statement Shewing the outlay from Local Funds of all descriptions on District Road Vs. Funds

Civil Buildings — Agricultural Communications — Miscellaneous Public Improvements — Total

	By Public Works	By Officers of the Govt	By Public Works	By Officers of the Govt	By Public Works	By Officers of the Govt	By Public Works	By Officers of the Govt	By Public Works	By Officers of the Govt	Total
Guicawar											
Vizagapatam											
Godavery											
Kistnah											
Nellore											
Cuddapah											
Kurnool											
Bellary											
Presidency											
Chingleput											
North Arcot											
South Arcot											
Salem											
Tanjore											
Trichinopoly											
Coimbatore											
Neilgherries											
Malabar											
South Canara											
Madura											
Tinnevelly											
Total											

Establishment

	By Public Works	By Officers of the Govt	By Officers Rent Depart	By Officers Education	By Officers Police	By Officers Jails	By Officers Stamps and Plant	Total
Guicawar								
Vizagapatam								
Godavery								
Kistnah								
Nellore								
Cuddapah								
Kurnool								
Bellary								
Presidency								
Chingleput								
North Arcot								
South Arcot								
Salem								
Tanjore								
Trichinopoly								
Coimbatore								
Neilgherries								
Malabar								
South Canara								
Madura								
Tinnevelly								
Total								

Total outlay from all Funds

Statement Shewing the outlay from Local Funds of all descriptions on District Road Vs. Funds

88

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements				Total				Establishment								Total outlay from Local Funds, all Funds
	By Public Works		By Officers of the Revenue Department		By Public Works		By Officers of the Revenue Department		By Public Works		By Officers of the Revenue Department		By Public Works		By Officers of the Revenue Department		By Public Works		By Officers of the Revenue Department		By Officers of the Education Department		Roads and Public Buildings		
	New	Repairs	New	Repairs	New	Repairs	New	Repairs	New	Repairs	New	Repairs	New	Repairs	New	Repairs	Establishment for Roads	Establishment for Buildings	Establishment for Roads	Establishment for Buildings	Establishment for Roads	Establishment for Buildings	Establishment for Roads	Establishment for Buildings	
Ganjam																									
Vizagapatam																									
Godavery																									
Kistnah																									
Nellore																									
Cuddapah																									
Kurnool																									
Bellary																									
Presidency																									
Chingleput																									
North Arcot																									
South Arcot																									
Salem																									
Tanjore																									
Trichinopoly																									
Coimbatore																									
Neilgherries																									
Malabar																									
South Canara																									
Madura																									
Tinnevelly																									
Total																									

Statement shewing the outlay from Local Funds of all descriptions on District Road Vs. Funds

Civil Buildings | Agricultural Communications | Miscellaneous Public Improvements

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements			
	By Public Works	By Officers of Ditto	Total		By Public Works	By Officers of Ditto	Total		By Public Works	By Officers of Ditto	Total	
		Revd. Depts.				Revd. Depts.				Revd. Depts.		
Ganjam												
Vizagapatam												
Godavery												
Kistnah												
Nellore												
Cuddapah												
Kurnool												
Bellary												
Presidency												
Chingleput												
North Arcot												
South Arcot												
Salem												
Tanjore												
Trichinopoly												
Coimbatore												
Neilgherries												
Malabar												
South Canara												
Madura												
Tinnevelly												
Total												

Expenditure from Local Funds

	Civil Buildings				Agricultural Communications				Miscellaneous Public Improvements			
	By Public Works	By Officers of Ditto	Total		By Public Works	By Officers of Ditto	Total		By Public Works	By Officers of Ditto	Total	
		Revd. Depts.				Revd. Depts.				Revd. Depts.		
Ganjam												
Vizagapatam												
Godavery												
Kistnah												
Nellore												
Cuddapah												
Kurnool												
Bellary												
Presidency												
Chingleput												
North Arcot												
South Arcot												
Salem												
Tanjore												
Trichinopoly												
Coimbatore												
Neilgherries												
Malabar												
South Canara												
Madura												
Tinnevelly												
Total												

Total outlay from Local Funds of all descriptions on District Road Vs. Funds under Budget Heads during the 1879/80

Establishment

	Total	By Public Works	By Officers of Ditto	By Officers Revd. Depts.	Establishment Schools	Establishment Dispensaries	Establishment Roads	Establishment Bridges	Establishment Ferries	Establishment Travellers Bungalows	Establishment Plantations
Ganjam											
Vizagapatam											
Godavery											
Kistnah											
Nellore											
Cuddapah											
Kurnool											
Bellary											
Presidency											
Chingleput											
North Arcot											
South Arcot											
Salem											
Tanjore											
Trichinopoly											
Coimbatore											
Neilgherries											
Malabar											
South Canara											
Madura											
Tinnevelly											
Total											

88

Total outlay from Local Funds of all descriptions on District Road Vs. Funds under Budget Heads during the 1879/80

Establishment

	Total	By Public Works	By Officers of Ditto	By Officers Revd. Depts.	Establishment Schools	Establishment Dispensaries	Establishment Roads	Establishment Bridges	Establishment Ferries	Establishment Travellers Bungalows	Establishment Plantations
Ganjam	1,00,5										
Vizagapatam	1,11,5										
Godavery	1,11,3										
Kistnah	1,11,0										
Nellore	1,20,3										
Cuddapah	1,22,5										
Kurnool	1,21,7										
Bellary	1,00,1										
Presidency	51,1										
Chingleput	1,08,2										
North Arcot	1,13,5										
South Arcot	1,41,8										
Salem	2,29,0										
Tanjore	53,0										
Trichinopoly	1,25,0										
Coimbatore	10,5										
Neilgherries	1,47,2										
Malabar	71,7										
South Canara	73,1										
Madura	1,81,1										
Tinnevelly	26,44,1										

Ordered that the following letter
be sent
No. 3053.

To

The Secretary to the
Government of India.
Public
Sir
I am directed by
the Right Honorable the
Governor in Council
forward for the in-
formation of the Gov-
-ment of India
the annual Sta
of Local Funds
penditure on Pu
Works in this
-dency for the
1869-70.

Rev. Dept. 15 Dec 1870
No. 3052

Annual Progress Report of Public Works in the Madras Presidency undertaken from Local during the year 1869/70.

The total assignment from Local Funds for out on Public Works during year 1869-70 was Rupees 29,37,270. distributed

Heads of services	Est. Expenditure by Public Works Officers	Officers of other Departments	Total
Works.	17,28,740	170,370	18,99,110
Buildings	5,55,350	31,240	6,97,790
Repairs	3,03,970	14,820	3,18,790
Plant	18,640	2940	21,580
Total	26,17,700	3,19,570	29,37,270

The entire outlay under heads of services was Rs 26,44,762 as below.

Heads of Services	By Public Works Officers	By other Departments	Total
Works	12,87,134	158739	1445873
Buildings	6,93,373	194471	887,844
Repairs	284,266	13347	297613
Plant	13,432		13,432
	22,78,205	366557	2644,762

The following statement shows the expenditure incurred by Public Works Officers and Officers of the Revenue and Collectorate Departments etc/

The Residency

The Residency
alleged which were shewed
to His Royal Highness
Duke of Edinburgh
ing for a Work stay
Warders were very
ready for occu-
pation last June.
All Work re-
mains to be done
[illegible] of the
Tower which
will take longer
College will be
of the most inter-
esting architectural
in the Basin
College which
clergy and those
ill it is proposed
to

do something towards
[illegible] the inconve-
nience effect which
produced by the
disposition of the King
Style (if such it
be called) which
pervades all the
buildings, Facia
Sash Windows
upon one of the former
Architectural beauties
whose the surface of the
have been expose
view. The mo
superior
are Limestone
from Dirtin
(a light grey
then
Caddapah limes
(a dark blue)
used

[illegible] Greek [illegible] The
Italian Renaissance
ly treated is in some
[illegible] peculiarly adapted
the Country. The
ms of the windows
admirably suited
e Verandah open-
and present ab-
ds present a variety
gothic. The
ials moreover
[illegible] [illegible]
[illegible] without shel-
ing [illegible] and
ment indispensable
lassical work In
t all the care
[illegible] been taken
e forms and
ions, the wants
sulpture is evident

—16—

[illegible] Greek [illegible] The
[illegible] Renaissance
[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]
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[illegible] [illegible] [illegible]
[illegible] [illegible] [illegible]

to the experienced eye
to relieve the bulk
of its somewhat con
fined unfinished ap
pearance. It is on
fair to add that
the absence of every
thing in the shape
of a tree near
College it is diffi
at present to s
what may be
ultimate effect of
building. The a
ccommodation
institution, the e
arrangements of
rooms, and all th
to the benefici
ence of the se

Cann

[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]
[illegible] [illegible] [illegible] [illegible]

that the Senate House
be harmonize to some
of the Public Buildings in the Neigh-
bourhood. As a work
in the Senate House
do be considered as
the highest effort ach
in this Presidency
in a building to
with the feelings
of the
Provincial School
Mangalore.
The Provincial School
Mangalore in the
Canara District
with the exception
of

Wallajahett School.

of Lands out House, comp
and given over to
occupation. The ex
during the year wa
Rupees 11747 and
Rupees of Rupees
Hosik on the Sch
House at Walla
in the South
District.

Communicate
The total
Expenditure during
year on Commu
cations was Rs
out lay
having been under

in

× Public Works Officers
New Works - 11284 66
Repairs - 682 913 18 11379
Revenue Officers
New Works - 45713
Repairs - 133 096 178 808
19 90 187 19 27 187

[illegible] Districts

[illegible] Moyne ——— 27,373
[illegible] Stanley ——— 16,580
[illegible] Innerell ——— 14,874
Malahat ——— 13,440
[illegible] Nogarabah ——— 13,050
[illegible] Esk ——— 11,821
[illegible] Limbatree ——— 10,613
[illegible] Mooloolah ——— 9,561

[illegible] Mayne

Amount of Rates
levied on the
Town Ranchilly
Caroor 1 Rose miles
have been gravelled
4 miles turfed
Earth work and
Bridges on the Roads
to Nasa and
Nicholson which was
undertaken

undertaken with a
to defraying out
creation with the
unsettled districts
Brough which is
were completed
the other sum
Receive
subsequent
Amount of Rates
levied on the
Town Caroor
have been
Bridges on the
Roads from the
Moramandalem
Amount of Rates
1824 10 were in
subsequent
works for 19 miles
gravelled

excelling 5 miles of
Cart line, constructing
several masonry works,
and collecting a large
quantity of materials.

Operations.

2nd progress
made on the Road
from Boyd's Patty magroom
to Privat's Foor Kunda Ching
Ching and turfing
being carried
and both few
any works of
to be completed.
Expenditure was
£ 3482. On the
from Codaveram
to

Vizagapatam.

to Sankaraiah, and
on the Branch to
Cavarai almost all
the earth work complete
a great portion
the gravelling in
done, and considerable
progress made in
turfing. On the
39 Miles of
all were finished
11 were in course
construction. The
Expenditure to
August 30836. The
road from Vizag
to Bobbilipatam
nearly complete
a sum of £ 1[illegible]

spent on the work.
The road from
Cuttack
to Pooree
is
completely
metalled and from thence
to Pooree
of Rupees 15,000
spent in the Cuttack
over roughly
coat, two large
were built of
bridges and
three were finished,
turfing and
selling were com-
ed. Fair pro-
pect made
the majority
on the road
from

Pooree to Cuttack is
Cuttack to Pooree
on which connects
Ramchandrapooree, &
and Pooree 9815 yards
thirty three spent on
works. The former
of these lines was
commenced in
with a sum of
6500 contributed
the Honorable
Rajah of Vizianagram

Godavery.

The
Godavery the Coc
leads from
Rajahmundry Gaun
macadam while the
constructed with

afford increased facilities
communication between
the important towns which
connection made satisfac-
tory progress during the
the expenditure
mounted to Rupees 22,513.
road. Nicicc and
were completed
road from Nawa-
to the Chinchenada
and their progress
rivals with the
the and sounding
line. The expen-
e was Rs 4,346.
n of Rupees 11,263
paid out on the
from Bravally
weram, the
ork on which was almost
ished, one girder
bridge

bridge built, and
ending, and ma-
masonry works
ing proceeded with
the Earth work and
sanding over the No
from Dajole to
Saweram were c
pleted at an e
of Rupees 697.
Earthwork and
of the minor
Works, together
the bridge acro
Narrachoor Canal
finished on the
from the River Go
to the Vaseeta C
at Hodure to
while good pro
was made wi
bridges across
Nocalu and Gavi
the

road from Gunsloor
to Attara skilly and
quarrying and carting
materials for completing
and Rupees 10,303
thereof in constructing
road between Gunsloor
Aundaurah - Four
of the five stone
culverts on Pakkakloor to
Rowpell were finished,
the were covered
with gravel and several
masonry works were
~~with gravel~~
~~rural masonry~~
~~were built~~ at
a cost of
Rupees 4,935. The road
was manufactured
to

to Cowdavain was
completed with
trifling exceptions
an outlay during
the year of Rs. 14
The gravelling
of the road from
to Bastelle
and most remains
to be done to this
the expenditure
which was Rs.
Rupees 24,290 in
sfient and good
progress made in
the masonry work
and embankments
the important
of communication
between

of that outlay amounted
to Rupees 20,193. Rs. 7441
were spent on the road
from Ellore to the Hyderabad
frontier, the work
on which was nearly
completed as far as Chin-
tapondy and was being
carried beyond that
place to Mts. A sum
of Rupees 10768 was laid
out in the continuation
of the Veravasiveram road
which is finished; the Earth work
of this was completed,
with the exception of the
bridge near Alleed
which is finished and the other
bridges works, as well
as grading were made good
During the road from
Bridge near Vemu-
lendrapoor to Ellore an outlay
of

of Rupees 6831 was
incurred in completing
6 miles of road from
3 miles of bridging
and 2 bridges, and
on the collection of nine
and Rupees 6116 was
spent on the road
from Mundamurth
Peravelly. On
road from Ele
draporr to Bec
Rupees 9967 were
in completing
of earth work
2 bridges, and
furnishing a

Rupees
Rupees 69
laid out in
the last finished
the

Krishna Pantam and
the Road from Bezwada and
Ramapatam to Mylavaram, earth work,
cutting and masonry
were being ex-
ecuted at the outlay
for the year amounted
to Rupees 5605. The
lying of a portion
of said stone soling
floor was also
remained to be done
this line the expendi-
ture which was for
materials for the
works on the Road
along on the Krishna
Pantam were
and the Earth
work was nearly finished
at

finished at an expe
-nse of Rupees 3768
foundations of the
over the creek near
village of Gurrajottem
were laid, and they
raised to feet in Rub
-diture reached Rs
The road from
-Pitapatam to Cattu
work completed
cost of Rupees 4
Pellore
Ramnad
Tanjore and Coimba
to Trichinopoly
almost finished
and all
an outlay during
year of Rupees
that from Sungum
to

Seligiri and Gooty
the act was extended
to of September 1839. Effect
was over the Ghaut in
addition to which progress
was made with 18 miles
of the line were graded
and the masonry
of the other portion
is advanced. The
land works Rs 112.16
Rs 10000 were spent
ering for traffic
of the
from Ravelly to
via Solanky
Chinna Cotta
ing, the
works on the sec-
tion of the line
from Sungum
Seligiri, and that
from

from Dollapollam
under the Ghaut
the Ulloor Ramna
Tank to Singapett
were, with a few
minor exception
completed at an o
of Rupees 1839
Rupees 2,615.
Rupees 6,344 we
on opening out
Perish Rock in
of the road fro
Nambala on
Trunk Road to
Ulloor, and in
blasting the ma
works on the
The Earth wor
the road from
Seligiri to Goo
was finished, a

16

collection of materials construction of masonry works were carried out- The expenditure during the year amounted Rupees 9244.

No. Ruddaprah.

The road from Store to Veragoontha was commenced in to provide for requirements consequent upon the opening out of the West Line of Madras Railway ~~Station~~ with several ~~other~~ masonry along the line the level crossing near the Railway Station

Station to the Mount of the Reservoir, at one expenditure of Rs 30 Bandh ~~[illegible]~~ and masonry works were executed on the from Poddatore Nundiabham on cutting of and Rupees 9 spent on the from Ruddra Ponnamallee expenditure on Railway feeder Pallicemetalee Moodamoor to Rupees 1149 this line the masonry work completed Bro the

Road Earthwork nearly
Metalled Rah portion
Rock forms the Ro
adjacent road were
and improved-
avenue; metalling
gravelling were
commenced-
Arrack
Bellary
Rupees 1,20,8
expended on
feeder from the
Arrack Road to
Railway Station
Shooty and three
Colony 700 yards
Road from
rie to the
our frontier were
ened out during
the

the year several
joining works
executed, and the
of the basic gra
-velled at an e
penditure of
7417- 22 miles
the road from
dikottoor
looty were
pleted at an
lay of Rupee
during the y
The abutments
retaining wa
the singalur
bridge on the
from Colony
Shooty were
-pleted and re
mai

Chodavaram works executed.
The expenditure being
Rupees 3142 — Rs 8,571
a three spoke, on the
road from Chipplighim
to Madugurah &
the two miles of
road from the
Gover Bay to
Kundikammanah
It were opened
and several sub-
sidiary works executed
at cost of Rs 8,208.
One striking off
the Kunnah
ah road and
g to Cattiva road
ed at 4 miles
nd, and four
w road damaged
were

were completed at an
outlay of Rupees
two miles of
road from Penne
to the Cuddalore
frontier were op
ened during the
at an expendi
of Rupees 44

Madras Dis

The road
Ootacottah to
Great Northern
via Purrapolliur
was formed in
earth. The requisite
masonry works
constructed for
-tance of 21 mile
and

Could form progress-
ive in the courtings
of materials i- the
expenditure during
a year was Rupees
The road from
Pellore to Mayaporam
Cotacottah was
ed throughout,
tunnel was
and check Chan-
were cut- The
amounting
Rupees 3868. The
from Cotacottah
attended was com-
leat at a cost of
1698, and Rs
ees laid out
ine from
ore to the Great
Northern

Northern Road
sum of Rupees
was appropria
to the construc
of three Culver
on the road fro
the Lattice bri
as Serooppa
to the Collect
materials &
formation of
earth work.
expenditure of
2720 was inc
in completing
road from the
mile stones on
Great Northern
Poitry to the
Boundary the
of

Contracts further
Work was stopped
by breach road
in Coonoor
during the last
flooded road ab
ove was nearly
restored about
1st Oct 1993.

Mr Arcot.

Rupees 3516 were
on the roads
the Tripathy
way Station, view
way, to Noidoopatti,
Rs 1056 on that
from Tripathy
to the Railway
road, and Rs 2800
on

on the line from
Kunnur main
to the South to Ar
frontier. Diesel
lines been dismant
linished. The
from Wandoor
to Pollachi view
lines formed
Bridges Rivers
the whole length
Rs invited
turnouts only
-ing to be conv
The expenditure
to Rupees 2630
miles of the
from Arcot
South Arcot
was formed an
bridges

Chalk
ed with two
ing exceptions, and
ravelling of all
ds ½ miles ½ were
rected ; - Rupees 800
d upon it. Ditto
and Rupees 2400
ious parts of
s from Vencata-
y cottah to the
n Railway
P
- 17 miles of
road from Halla-
li to Nordachellam
formed, a large
ber of masonry
was constructed,
n Avenue of
lanted along
the

South Arcot
Salem Districts.

the line. The
during the year
was Rupees 4880
A sum of Rupees
was spent on the
road from Chin
malley to the
boundary of
hosoor taluq
Vattavallum, in
fair progress
made with
clearing of jun
execution of ear
work, and coll
of materials,
Rupees 5000,
expended in
moving 18 mi
the

ing and metalling
the road from Nedda-
ngalame to Mun-
dagudy. The road
on the South bank
the Colroon between
the Road No VI
Pallavaie Choultry
finished, save
standing of a
few of the line;-
Expenditure
unting to Rs 11,405.
Restoration of
ches of the road
Cottoor to Sauj-
was nearly
leted, and on
the

the road from Sau
to Paiagalaingoo
on the Coleroon a
portion of the ca
work was formed
the Collection of m
was in active pr
the outlay on
having been
and on the Lata
5176. The line
Mannarnaidoo
Coleroon bank at
paiagady was
leted, and the m
of Road No V
Sumbooswaram
bridge to Ter
a large town in
be

road from Cordal-
lem to Attur in
two and the follow-
ing sums were
d out in the
nstruction of bridges
the completion
ich latter re-
ed to be done, viz
4130 on the
across the Con-
or river on the
between Tude-
um and Par-
m, Rs 4328
the bridge over
Pancur at Bai-
and Rupees
a bridge
arches of 12 feet
on the Salem
and

and Swarming
-lines Rs 1 not in
the sloth crossed
the Railway line

Tanjore-

Conception
progress Return
made with
masonry two
on the croft
from the Ku
-chendrammudoly
bridge to Keer
the outlay duri
the year amou
to Rupees 1
Rupees 32941 be
extended in ensui

...steadily growing part
... district was
...plied at an outlay
... Rupees 1323, and
... Rees 18,502 respectively
... 30,061 from local
... Rupees 2,146 from
... cial funds were
... a bridge
... dams across
... nvery and Cen-
... ry which was con-
... t with a view of
... ing the communica-
... long the feeder to the
... lore station on the
... Southern of India Railway
... ilway of Rupees 8,814
... incurred in forming
... d from Poondoturai
... Combacorum' trun-
... ed reaching it
... of the South bank
... of

the Arasalauri the
work was nearly comp...
and sand was being
lected. Rs. 11,038 were spe...
on metalling the road
Papanasam to the Railw...
station at Sattiamu...
and in the Cartic...

Trichinopoly

10. Miles of the...
from Perambalore to...
were opened out for
traffic and good pr...
was made with the
portion (6 miles) The
ture during the year am...
to Rs. 1280. 7 Miles
road from Perambal...
Kistna puram were
and made ready for
the valley of Rs. 1863.

under of the line has
a very advanced station
grades. The minor masonry
is on the road from Mussoori
Barrisse were completed
good progress was made
the earth work, the
having been
The road from
holy to Salem, on which
was an outlay of Rs 4613.
most finished, the
mile only remaining to be
ted, a sum of Rs 6500,
spent in completing the
contract Road, Rs 2 I
Conservancy and
tation of other portion
the Lower Anicut to
as formerly limited

the sum of Rs 11499 was
appropriated to road
Dindigul to Caroor, the
of which remains to
pleted and Rs 1100
said station on the line
Bridjpathy to Allinag
Coimbatore
The important
from Godaveritta to
the formation of which
sanctioned in 1868 in or
afford relief during an
bad season, to the
thers in the Coimbato
Districts made good
Rs 20,000 having been
it. The constructed
and drains on the
Quarcor

country to the Mangalore
tier, from Cannanore
the same limits via
Cherrikal, and from Cana-
ghy to Chinnia dasa-
cam was carried out
at an expenditure of Rs.
Malabar.
Rs. 7,220 were spent
on road from Cherikal,
Velloor, Irikur,
Iperamba, and
Cranba to the
boundary. The
ry and earth
formation made
progress. An outlay
of

of Rs. 13,372 was incurred
the line from Paudeth
by Malatoor to the Ma
road which is considered
a very useful communi
through a country hither
quite shut out from
traffic; all the wor
road were complete
the exception of two
three tunnels and a
bridge over the Meri
which is being proceed
with. Rs. 10,000 were
on crossing the roa
from Paudel Pad
door and Mambat
Rs. 5658 on the ro
Callengode to

Cubalore frontier Operations
actively continued.
The road from Peraupe.
Cubalo Hedebrinjel on
Periah Road, and
0,916 were spent on the
The unpassed state
of the existing
communication in
the Malabar District
been strongly pressed
the notice of Govt.,
was accorded to the
situations of masonry
and alterations of the
also where necessary,
roads from Tanoor
Veeranganpooram, and
from

in
out to
during
at an outlay of Rs.
bungalow at Periah
at Hadgshanny was
completed at an exp.
of Rs. 2730. These
were represented
much needed in the
for the accommodat
travellers.
Canara
The Brig
Hassangady Ri
Moodbiddry and
road was opened

Dal

road

reaching

case

and in the Estimate

at The bridging

Padbidry and

of al road was com-

at an outlay of Rs

Absolute on the Pootoor

Mungesh near Road

struges were finished.

2, more nearly so,

expenditure of

this

Cavera

provant

these works were

ten with a view

District 11

to incurring expenditure

new roads.

Madura

The outlay on

Periah Ghaut road with

was commenced as a

summary to further obser-

on the project for turning

the waters of the Ver-

into the Vegay, amounted

Rs. 10033. After the earth w-

had been completed to a

of 18 feet, it was found

to suspend progress

financial restrictions

Eagunta. Little progress
made on the road between
Eagunga & Tondy owing
to obstructions having been com-
menced late in the year.
No outlay was Rs. 3431.

Tinnevelly.

Four progress was made on the
road from Cyprus to Ootapidaram,
Rs. 12,797 were spent on the
Rs. 8122 were laid out
the road from Ootapidaram
Ivamiche and Sevalpiri
Pulamcottah. The works
road from Pulamcottah
Veevilliputtur via Sun-
Coil were completed
at

Ceded
year
of the
Frontier
labourers
masonry works were
at an expenditure of Rs.
5141 were spent in form-
ing of the road
Vaseedamanalloor, Mar.
Tenkasi to Panagood
7000 in carrying
completion & bridg
tension of the
said Vegiamagaram
Irsadiabalu - 4
miles of the road
Mareicountan
Morgamunaal-

stag

n line

tween

and Jetty

ne Rs 1,0039.

The cost of com-

ting the Jetty

ngadi bridge

uded in the amount

his Public Improvement.

storation of the

Pier was completed

outlay of Rs 26,792,

in exceedetion

Rs 2,000 was

o on the Iron

Screw

Bobl. of 1870 Sdrs.

PUBLIC WORKS.

To Secretary to the
Govt of India

Dated

No. 1. No.

G 15 Dec. 3052-3053