

1860

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INDEX

TO THE

PROCEEDINGS OF THE GOVERNMENT,

OF

FORT SAINT GEORGE,

IN THE

PUBLIC WORKS DEPARTMENT

FOR THE YEAR

1860.

MADRAS:

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<i>Lists of Bills</i> passed for cleaning and setting up of machinery. Chief Engineer's proposition for separating the usual heads of "Materials" and Labor in the future—, approved...	8th "	135, 136	895
<i>Clements, Mr. G., Mechanical Engineer</i> .—Bill of — for instructing Mr. D. Callagan in the management of the Dredge on the Kúam, sanctioned...	8th "	139, 140	896
<i>Madura</i> .—Emergent Bills of the District Engineer, sanctioned...	9th "	149, 150	901
<i>Ootacamund. Conservatory in the Public Gardens</i> .—Bill which exceeded its estimate by more than 5 per cent. for constructing a —, sanctioned...	12th "	189, 190	924
<i>Boat hire and portage</i> for certain Government stores received by the "Hotspur." Sanction to the Bill declined.	12th "	192, 193	925
<i>Contingent Bills</i> .—Resolution of the Government of India regarding the mode of submitting —, and the interference of the Local Governments in the internal arrangements of the Audit Offices in the several Presidencies. Communicated to the Chief Engineer...	13th "	196, 197	926
No change to be made in the form of accounts submitted to the Civil Auditor without—the previous approval of Govt.			

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	1860.		
<i>Tanjore</i> .—Emergent Bills of the District Engineer, sanctioned...	13th Nov.	219, 220	942
<i>Trichinopoly</i> .—Emergent Bills of the District Engineer for April and May 1860, sanctioned...	13th "	227, 228	944
<i>Tanjore</i> .—Bill which exceeded its estimate by more than 5 per cent. in —, sanctioned...	15th "	251, 252	955
<i>Sal m.</i> —Bill of the District Engineer which exceeded its estimate by more than 5 per cent. in —, sanctioned....	24th "	389, 390	1,041
<i>Tanjore</i> .—Emergent Bills of the District Engineer, sanctioned...	28th "	441, 442	1,074
<i>Presidency District Engineer</i> .—Emergent Bill of the — for August 1860, sanctioned...	13th Dec.	185, 186	1,162
<i>Nellore</i> .—Emergent Bill for repairing Trunk Road No. 6 from Arambakam to 115th mile, sanctioned...	22nd "	298, 299	1,213
<i>Godavery</i> .—List of Bills which exceeded their estimates by more than 5 per cent. in —, sanctioned...	22nd "	327, 328	1,223
<i>Tanjore</i> .—Chief Engineer accounts for the delay in the submission of the Bills of the District of —, recorded...	24th "	337, 338	1,231
<i>Malabar</i> .—Emergent Bill of the District Engineer for October 1860, sanctioned...	24th "	339, 340	1,232
<i>Presidency District Engineer</i> .—Emergent Bills of the — for September 1860, sanctioned...	24th "	345, 346	1,233
BLACK TOWN WALL. See "People's Park."			
BOATS.			
<i>Godavery</i> .—Chief Engineer to report whether he can spare funds to carry on experiments on the — for ascertaining the surface friction of boats...	21st Jan.	26	238
<i>Godavery</i> .—One thousand five hundred Rupees sanctioned for experiments on the — for ascertaining the surface friction of boats...	28th "	151, 152	288
<i>Cochrane's Canal</i> .—Notification respecting the tonnage of boats plying on —, approved...	2nd Feb.	31, 32	10
<i>Godavery</i> .—Two light boats for exploring the — and its tributaries, sanctioned, subject to the confirmation of the Government of India...	6th Mar.	82—84	40
<i>Salem</i> .—Affords the information called for respecting the ferry boat proposed to be built at Maganur. The boat authorized to be built after the termination of the current official year...	17th "	103, 104	110
<i>Upper Godavery</i> .—Application of the District Engineer of the —, to be allowed the value of certain boats made over by him to the Engineer of the Godavery District in 1855, sanctioned...	22nd "	21, 22	144
<i>Tanjore</i> .—Construction of new boat at Niratavellor and Korduchari in —, sanctioned...	4th April	80, 81	32
<i>Rivers in India</i> .—Opinion of the Commandant of Engineers on the best kind of boat for —, Communicated to the Chief Engineer...	11th "	8, 9	49
<i>Cochrane's Canal</i> .—Draft Notification respecting the time allowed for unloading boats at —. Its publication in the Official Gazette authorized...	8th "	114, 115	63
<i>Nellore</i> .—Report of the Collector on certain ferries in —. Local Officers to see whether private persons could not be found to take up the enterprise of establishing ferry boats. Extract Minutes of Consultation, 1st June 1855, communicated to the Board of Revenue with certain instructions...	26th "	106, 107	241
<i>Ganjam</i> .— <i>Harbour of Mansurkotia</i> .—The attention of the Superintendent of Marine again drawn to inconvenience at the — arising from incommodious and ill-manned boats.	2nd June	24, 25	13

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BOATS.—(Continued.)			
<i>Northern Division.</i> —The question of provision of boats on Canals and Rivers in the —, referred to the Chief Engineer for report...	21st June	346, 347	173
<i>Godavery.</i> —Relative to building proper boats and introducing a suitable system of towing them...	23rd "	363, 364	183
<i>Tanjore.</i> —Coleroon and Vettar Ferries authorized to be placed under shelter. Board of Revenue to submit estimate of the cost of the Pandals...	2nd July	15, 16	19
<i>Rivers in India.</i> —Correspondence respecting the best kind of boats for the —, forwarded to the Home Government with a suggestion that advantage be taken of Colonel Cotton's presence in England to send out a couple of experimental Steamers with suitable Cargo Barges...	3rd "	44, 45	34
<i>Masulipatam Navigation Company.</i> —Memorandum of queries and answers given by the — regarding the supply of boats for the conveyance of Troops by Canals. Communicated to the Chief Engineer...	4th "	50, 51	37
<i>Paumben Spoil Boats.</i> —Chief Engineer reports on the — constructed in Rajahmundry, and recommends that two of the boats be made serviceable and transferred to the Godavery works. Authorized accordingly...	11th "	197—199	121
<i>Experiments of the Boat friction.</i> —Chief Engineer requested to state what reports have been submitted by Lieutenant Montgomerie in respect to the —, and what expenditure has been incurred in those experiments...	1st Sept.	1, 2	463
<i>Paumben Drudge.</i> —Three spoil boats for the —. Explanation of the Chief Engineer respecting the — constructed at Rajahmundry by contract. Government will await the further promised report. The want of proper business-like arrangement in making the contract with Mr. Faulkner, noticed.	21st "	232, 233	576
<i>Paumben Works.</i> —Government observe that the limitation of expenditure has made it impossible to act on the resolution of 18th December last, for the construction of spoil boats for the —	21st "	232, 233	576
<i>Upper Godavery.</i> —The building of boats for the — declined. Vide "Godavery."	24th "	262—266	585
<i>Experiments of Boat friction.</i> —Chief Engineer is requested to call on Lieutenant Montgomerie to state what progress he has made in the —	2nd Oct.	29, 30	644
<i>Steam Boat.</i> —Chief Engineer to state whether a — from the Godavery can be spared for a Steam Ferry above the Anicut, and whether such employment would probably be profitable...	29th "	378	812
<i>Experiments of Boat friction.</i> —Report promised...	1st Nov.	21, 22	836
<i>Mauritius Government</i> furnish a plan of one of the Mud Ponto in use there in connection with the Steam Dredges.	17th "	269, 270	973
<i>Iron Steam Tug Boat.</i> —Government of India is informed of the value of the —, including its freight from England to Masulipatam, sent to Calcutta in February 1858.	8th Dec.	115, 116	1,135
BOILERS. See "Machinery."			
BOILER MAKERS. See "Officers."			
BOUNDARIES.			
<i>Tuticorin.</i> —A further sum for building the boundary pillars for the port of —, sanctioned.	24th Jan.	64, 65	253
<i>Alaydr.</i> —Orders passed on the correspondence submitted by the Board of Revenue relating to the boundaries of the —	3rd March	62, 63	31

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	1860.		
<i>Masulipatm.</i> —Sanctioning the additional sum required for constructing boundary pillars for the port of — ...	20th March	168, 169	136
<i>Mangalore New Cantonment.</i> —Estimate for the erection of stones to mark the boundary of the —, sanctioned for entry in the Budget for 1861-62... ..	21st Nov.	324, 325	1,012
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<i>Beikal Harbour.</i> —Home Government consider it advisable to postpone the construction of a Break-water in the— ...	19th Sept.	188, 189	554
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<i>Tiruvengada Mudali</i> of the Central Office suspended pending an enquiry of bribery charged against him. The Joint Magistrate of the Godavery District to report the result of the enquiry... ..	9th June	153, 154	83
BRICKS.			
<i>Godavery Division.</i> —Further explanation called for respecting the cost of the bricks manufactured at Dowlaishwaram... ..	12th Jan.	16—18	97
<i>Trichinopoly.</i> —Gunner Kay recommended to be appointed as Superintendent of Bricks making at — ...	7th March	101, 102	54
<i>Godavery Division.</i> —Cost of the bricks manufactured at Dowlaishwaram, reported... ..	13th "	11, 12	79
<i>Trichinopoly.</i> Gunner Kay of the Artillery.—Commander-in-Chief permits — being temporarily employed at —, in superintending brick making	17th "	116, 117	113
<i>Ootacamund.</i> Brick field opened by the Inspector General of Jails.—Chief Engineer to report as to the desirableness of taking over for Government purposes the —	3rd April	27, 28	7
<i>Jakkatalla.</i> —Recommendation of the Inspector General of Jails that 200,000 bricks be prepared from the brick fields at — for the construction of the European Penitentiary. Referred to the Chief Engineer... ..	4th "	49, 50	23
<i>Do.</i> —Opinion of the Chief Engineer submitted... ..	11th May	7, 8	97
<i>Ootacamund.</i> Brick field opened by the Inspector General of Jails.—Chief Engineer reports as to the desirableness of taking over for Government purpose the —. Certain information called for... ..	28th Nov.	433, 434	1,071
BRIDGES.			
<i>Cochrane's Canal.</i> —Mr. Faulkner's suggestion for pulling down certain bridges on—, referred to Chief Engineer... ..	3rd Jan.	15, 16	6
<i>Pellore, Polaur Bridge.</i> —Captain Prendergast is informed that he ought not to have altered the dimensions of the parapet walls of the — without a previous reference... ..	4th "	47, 48	16
<i>Canara.</i> —Sankathagunde Nullah Bridge on the road from Dharwar to Cumpta, authorized to be re-constructed... ..	5th "	65, 66	25
<i>Canara.</i> —Floating Bridge over the Manki Ferry to be completed... ..	5th "	65, 66	25
<i>Ganjam.</i> —Kimediy Bridge stated to have been completed and opened for traffic... ..	6th "	87, 88	55
<i>Do.</i> <i>Chittavalsa Bridge.</i> —Report as to what has been done for repairing the larger of the two —, pointed out to have been already submitted... ..	6th "	87, 88	55

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<i>Vizagapatam</i> .—Appropriation of Rupees 4,500 from the sale proceeds of the Bezwada timber bridge to certain Buildings in —, sanctioned... ..	6th Jan.	97, 98	58
<i>Tanjore</i> . Bridge over the <i>Vellayar</i> .—Estimate for rebuilding the —, sanctioned... ..	6th „	107, 108	61
<i>Salem</i> .—Certain bridges important as feeders to the Railway to be removed from the restrictive orders. The same reported to the Government of India... ..	9th „	129—131	75
<i>North Arcot</i> . <i>Palav Bridge</i> .—Its completion sanctioned by the Government of India... ..	13th „	31, 32	175
<i>Trichinopoly</i> .—Two estimates for constructing lattice bridges over the <i>Cudamurti</i> and <i>Aiyar</i> Rivers sanctioned. Comparative statements of the work called for... ..	13th „	46—48	181
<i>Madras</i> . <i>St. Mary's Bridge</i> .—Estimate for improvements to — to be entered in the Budget of 1860-61... ..	18th „	76, 77	196
<i>Canara, South</i> .—Construction of a bridge over the <i>Kumaradiri</i> river at <i>Oopinangadi</i> in —, declined... ..	19th „	97, 98	204
<i>Trichinopoly</i> .—Re-construction of the bridge over the <i>Culliar</i> sanctioned... ..	19th „	105, 106	211
<i>Bellary</i> . Bridge over the <i>Pennar</i> .—Suspension of the construction of a —, approved by the Secretary of State... ..	30th „	161	293
<i>Canara, North</i> . <i>Manki Ferry on the Dharwar and Cumpita Road</i> .—Estimates for the completion of the floating bridge over the —, sanctioned for entry in the Budget of 1860-61... ..	30th „	168, 169	299
<i>Canara</i> .—Bridges over the road from <i>Upinangadi</i> to <i>Manzerabad</i> to be built from the repair fund if available... ..	6th Feb.	64—66	20
<i>Cuddapah</i> .—Estimate for bridges and tunnels on the new road from <i>Madanapalli</i> to the <i>Mysore</i> frontier near <i>Singlebaile</i> in —, to be submitted for entry in the Budget of the following year... ..	6th „	67, 68	21
“ <i>Progress</i> ” Steamer, if required to make a passage at all times, the bridges will have to be entirely reformed... ..	7th „	95, 96	20
<i>Nellore</i> .—The Chief Engineer to report whether the bridge at <i>Sooloorpett</i> is to be rebuilt or not... ..	21st „	8, 9	201
<i>Madras</i> . <i>St. Mary's Bridge</i> .—Explanation of the Chief Engineer respecting the item of 538 Rupees for establishment. Vide “Establishment”... ..	27th „	79, 80	235
<i>Nellore</i> .—Correspondence from the Collector and Judge respecting the re-construction of a bridge over the <i>Survapalli</i> Irrigation Channel, referred for the report of the Chief Engineer... ..	1st March	1—4	1
<i>Salem</i> .—Government of India sanctioned additional charge for opening out for traffic certain roads and bridges in —. Vide “Roads”... ..	2nd „	17, 18	11
<i>Kurnool</i> . Bridge over the <i>River Hindri</i> .—Remission and mismanagement of the different Officers employed in the construction of the — noticed by the Home Government... ..	20th „	151, 152	130
<i>Masulipatnam</i> portion of the <i>Godavery District</i> .—Bridge over the <i>Tammileru</i> at <i>Gulapad</i> construction of a — declined... ..	21st „	13, 14	142
<i>Nellore</i> .—Re-construction of the bridge near the Civil Dispensary at —, considered unnecessary by the Chief Engineer... ..	28th „	98—100	174
<i>Trichinopoly</i> . <i>Kuliar Bridge</i> .—Revised estimate for rebuilding the —, sanctioned... ..	2nd April	1, 2	1
<i>Malabar</i> . <i>Cabicut and Tambracheri Road</i> .—Rupees 1,639 sanctioned for making the bridges safe on the —, for the Traction Engine... ..	4th „	37, 38	19
<i>Tanjore</i> .—Estimate for the construction of a bridge across the <i>Palavar</i> , sanctioned... ..	12th „	17, 18	52
<i>Tanjore</i> . Bridge across the <i>Mannar on Road No. 2</i> .—Estimate for re-constructing the —, sanctioned... ..	16th „	71, 72	90

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<i>Downes, Mr.</i> , claim upon the accounts of the Vellár Anicut and Bridge, sanctioned	20th April	177, 178	145
<i>Tanjore. Kadamurti Bridge.</i> —Estimate for strengthening the —, sanctioned... ..	21st „	9, 10	152
<i>Kistna District.</i> —Estimate for the construction of two bridges across the irrigation channels at the approaches to the Nidumolu Lock and Kalingal on the road from Nidumolu to Kallapalli in the —. Sketch plan of the locality showing the branch canals called for... ..	16th May	94, 95	151
<i>Trichinopoly. Aiar Bridge.</i> —Supplemental estimate for rebuilding the —, sanctioned... ..	23rd „	52, 53	220
<i>Coimbatore. Timber Truss Bridge.</i> —Substitution of a —, for the masonry arch in —, sanctioned... ..	5th „	80, 81	47
<i>Godavery District. Cocanada Bridge.</i> —Chief Engineer to revise the design of the —, bearing in mind the views of Government thereon... ..	30th „	153, 154	263
<i>Vizagapatam Chittivalsa Road.</i> —In forwarding again estimates for the —, the remarks of Major Horsley on the approach to the Nagolia Bridge at Chicacole to be borne in mind... ..	2nd June	24, 25	13
<i>Canara, South.</i> —Chief Engineer to report whether the estimate for bridges on the road from Upinangadi to Mani is to be met out of the 7,119 Rupees sanctioned on the 12th September 1859 for completing the road.....	9th „	139, 140	78
<i>Ganjam.</i> —Plans and estimates for three bridges, one on the road from the Chinna Ganjam Salt Pans to Pondagal, and the other two, close to the Chinna Ganjam Pans, called for... ..	18th „	276, 277	129
<i>Bellary. Yettinhatti Bridge.</i> —Destruction of two arches of the —, recently built, reported. Further explanation called for... ..	4th July	60, 61	42
<i>Canara, North. Sankadagundi Bridge.</i> —Chief Engineer submits the information called for on the 5th January 1860 on the subject of the —. Communicated to Lieutenant Hunter and Sub-Engineer Lowry... ..	4th „	78, 79	52
<i>Canara, North. Four Timber Bridges on the road from Hakkal to Sircy.</i> —Appropriation of 10,000 Rupees provided in the Budget for the Yellapur, Sircy, &c., road circuits, to the construction of —. Plans and estimates called for... ..	10th „	179, 180	112
<i>Canara, South.</i> —Estimate for bridging the road from Upinangadi to Mani, sanctioned... ..	13th „	230, 231	140
<i>Kistna District.</i> —Chief Engineer forwards a sketch plan showing the irrigation channels at the Nidumolu Lock on the Masulipatam Canal in the —, and the position of the proposed bridges. The estimate submitted on the 5th May last for the two bridges, sanctioned ..	20th „	334, 335	184
<i>Arcot.</i> —Chief Engineer enquires whether the project for a bridge at —, may not be held in abeyance until the estimates for the road from Arcot to Arnee are sanctioned. Plan and estimate for the bridge required to be prepared... ..	30th „	461, 462	239
<i>Arcot, North. Vellore Bridge.</i> —Lieutenant-Colonel Lawford's report on the —. The saving realized permitted to be spent upon the approaches which are dangerously narrow. The Chief Engineer to report their present width and the cost proposed to improve them... ..	31st „	473, 474	243
<i>Malabar.</i> —Seven estimates for repairing certain timber and masonry bridges on various roads and canals in —, to be executed out of the Local Fund... ..	3rd Aug.	37, 38	276

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<i>Wellington. Waterloo Bridge.</i> —Chief Engineer to report what has been done in pursuance of the order of 4th April 1860, requiring the debris of the — to be converted into a Dam... ..	4th Aug.	41	279
<i>Wellington. Waterloo Bridge.</i> —Chief Engineer promises to submit plans, &c., for the above work, recorded... ..	18th „	247, 248	362
<i>Madras. St. Thomé Back-water Bridge on the road to the Adayar.</i> —Estimate for repairing and strengthening the —, sanctioned... ..	21st „	286, 287	375
<i>Coimbatore. Velantavalam Bridge.</i> —Chief Engineer reports on the cause of the falling of the centre arch of the —. Serious notice taken of the conduct of certain Officers for their neglect of duty in this case. Vide “Gratuities.”	21st „	292, 293	377
<i>Canara, South.</i> —The bridge on the Mercara road considered to be much too small... ..	29th „	390, 391	444
<i>Coimbatore. Velantavalam Bridge.</i> —Chief Engineer submits further report respecting the —	30th „	404, 405	453
<i>Bellary. Yettenuhutti Bridge.</i> —Chief Engineer furnishes further explanation called for respecting the destruction of two arches of the —	12th Sept.	110, 111	506
<i>Cuddapah.</i> —Plans and estimates for constructing bridges and tunnels on the new road from Madanapalli to the Mysore frontier near Singlebaile re-submitted. Chief Engineer to forward the opinion of the Acting Collector on the project... ..	12th „	112, 113	508
<i>Salem. New bridge under construction across a jungle stream at the 180th mile of Trunk Road No. 1.</i> —An accident to the — reported. Government will await the further information called for... ..	3rd Oct.	39, 40	648
<i>Cuddapah and Kurnool Road.</i> —Suggestion of the Consulting Engineer for Railways for bridging the Pennár River on the —, not to be at present undertaken... ..	13th „	204, 205	721
<i>Bellary.</i> —Authority granted for writing off to profit and loss Rupees 229-3-10, being the value of the materials stated to have been washed away by rivers, out of those collected in 1857 for constructing minor bridges and drains from the Tadacalair river to the Mysore frontier.	23rd „	301, 302	776
<i>Ganjam.</i> —Injury done to certain bridges in —, by the recent heavy rains and floods, reported. The Chief Engineer to consider whether increased water-way is required when providing for their repair... ..	29th „	374, 375	811
<i>Salem. New bridge under construction across a jungle stream at the 180th mile of Trunk Road No. 1.</i> —Further information submitted respecting the accident that happened to the —. Government will await the information omitted by the District Engineer, and the Chief Engineer to state at the same time the measures to be taken for re-building the bridge... ..	1st Nov.	3, 4	829
<i>Toll Bars.</i> —Chief Engineer submits a revised Memorandum of — to be placed at some of the principal Gháts and Bridges. Communicated to the Board of Revenue... ..	2nd „	43, 44	849
<i>Canara, South. Mani Junction road Bridges.</i> —Suggestion for borrowing money from the local ferry funds for re-building the —. Vide “Funds”... ..	21st „	338, 339	1,016
<i>Trichinopoly.</i> —Calling for information respecting the bridge on the road from Trichinopoly to the Salem frontier... ..	1st Dec.	1, 2	1,091
<i>Canara, South.</i> —A new bridge in lieu of a small tunnel recently destroyed by a flood. Estimate of Rupees 4,000 for — authorized to be entered in the Budget of 1861-62.	4th „	30, 40	1,101
<i>Cocanada Road.</i> —Estimate of Rupees 62,850 for a masonry bridge over the — declined. The existing wooden bridge required to be repaired... ..	8th „	113, 114	1,133

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<i>Salem.</i> New bridge under construction across a jungle stream at the 180th mile of Trunk Road No. 1.—Chief Engineer furnishes the information required respecting the — and reports the measures to be taken for rebuilding it. Recorded... ..	11th Dec.	154, 155	1,145
<i>Madras.</i> Bridges over Cochrane's Canal near the General Hospital and the Basin.—Estimates for improving the — to be executed from that portion of the Income Tax collections devoted to Public Works... ..	12th "	165, 166	1,149
<i>Kurnool.</i> Bridge across the River Kundr on the road from Kurnool to the Nandikanava Pass.—Supplemental estimate for the completion of the — authorized to be entered in the Budget of 1861-62... ..	12th "	173, 174	1,157
<i>Cuddapah.</i> Bridges and tunnels on the road from Madanapalli to the Mysore frontier near Singeballe.—Estimate for the construction of the — authorized to be entered in the Budget of 1861-62... ..	12th "	177, 178	1,158
<i>Ganjam.</i> Dendagadda Bridge.—Estimate for the restoration of earthwork and metalling the southern approach of the —, sanctioned... ..	13th "	189, 190	1,163
<i>Ganjam.</i> Bridge over the Sandal Gedder near Itchapoor.—Estimate for the re-construction of the —, sanctioned... ..	13th "	189, 190	1,163
<i>Canara, South.</i> —Concurrence of the Collector with the District Engineer in the construction of the bridge over the Nullah on the road from Mangalore to Mercara, reported... ..	22nd "	296, 297	1,212
<i>Wellington.</i> Timber bridge across the Waterloo stream.—Estimate of Rupees 1,570 for the construction of a —, sanctioned... ..	24th "	335, 336	1,230
BUDGET.			
<i>Public Works Budget for 1860-61</i> transmitted to the Government of India, with an expression of regret at the delay that has occurred in its submission... ..	21st Feb.	1-7	95
<i>Accountant General</i> is informed that the several sums to be expended within the 30th instant are to be considered additional to the funds allotted in the Budget for 1859-60... ..	14th April	57, 58	83
<i>Chief Engineer</i> solicits instructions whether the amount of the Budget Statement No. 2, is to be considered available from the 1st May 1860 or only after the sanction of the Government of India shall have been received. The works in Statement No. 2 to be undertaken immediately. The decision of the Government of India requested as to the amount to be allowed for Public Works during 1860-61... ..	21st "	16-18	155
<i>Kiam and Adayar Canal.</i> —Chief Engineer to submit a Memorandum of the modifications of the expenditure proposed in the Budget for the intended prosecution of the — and that of the Coonoor Ghat... ..	21st "	19, 20	156
<i>Public Works.</i> —Proposition of the Chief Engineer for the postponement of certain — in the Budget of 1860-61 in order to provide for others referred to in Proceedings of 21st April 1860, approved... ..	8th May	130, 131	79
<i>Public Works Budget for 1860-61.</i> —Orders of the Government of India on the —, communicated to the Chief Engineer... ..	11th "	21-23	17
<i>Public Works Budget for 1860-61.</i> —Government of India intimate that orders have been already passed on the —	18th "	113, 114	169

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Coimbatore. Kunur, Jackatalla and Ootacamund.—Expression of regret of the Government of India in over-looking when communicating their orders on the Budget of 1860-61, that the estimate for metalling the road and constructing parapet walls between —, had been sanctioned by them, recorded... ..	28th May	122, 123	250
Enclosures to the Budget Report for 1860-61 received from the Government of India, returned to the Chief Engineer. Abstract estimates bearing the Chief Engineer's signature to be retained in the Government Office.	28th June	451	250
Canara, North.—Proposition of the District Engineer for deferring certain works included in the Budget of the current year and expending the money allotted to them on other works... ..	10th July	179, 180	112
Government of India require a further reduction of 5 lacs to be made in the Madras Budget for 1860-61, giving a list of the works in which it may be effected. Chief Engineer to report what he considers the best means of making the reduction now ordered from the amount of the whole Budget. Government are of opinion that a part of the required saving may be effected by substituting temporary for permanent buildings for the accommodation of Troops... ..	28th "	440, 441	228
Plans and estimates which accompanied the Budget Report for 1859-60, returned by the Government of India. Public Works Budget for 1860-61.—Chief Engineer submits a scheme of reductions on the —, to meet the reductions ordered by the Government of India. Transmitted to the Supreme Government... ..	2nd Aug.	23, 24	271
Home Government observe that it is in direct contravention of the Budget Rules to submit directly for approval, projects which ought to have been previously submitted for the sanction of the Supreme Government... ..	13th Sept.	114—117	509
Arcot, North. Road from Kaveripak to Banavaram.—Rupees 10,000 set down for expenditure in the current year on account of the —, authorized to be retained in the revised Budget of expenditure... ..	17th "	170, 171	545
Resolution of the Government of India on the Committee's report on the manner in which the principles of the new system of Estimate, Budget, Accounts, and Audit for India can be best carried out. Recorded... ..	27th "	314, 315	614
Changes in the Budget system under instructions from the Government of India... ..	5th Oct.	75, 76	672
Madras Government empowered to sanction projects not exceeding in cost 60,000 Rupees... ..	25th "	323, 324	784
Tabular Statement of the Budget sanctions for 1860-61, required by the Government of India, filled up in the Government Office and forwarded to the Board of Revenue, along with the Return of 1859-60, with a request to insert the information required regarding Revenue and verify the extent and population. The Statement for 1860-61 sent to the Chief Engineer for verification ...	25th "	323, 324	784
Accountant General's form for the preparation of the Budget of 1861-62, referred to the Chief Engineer for early report, who is also requested to state when the Budget of 1861-62 may be expected... ..	3rd Nov.	60, 61	856
Government of India intimate that the sum which may be assigned for Public Works expenditure for 1861-62 is 64 lacs, and that it may possibly be increased to 70 lacs, and desire that the Budget may be submitted without fail in January next. Communicated to the Chief Engineer... ..	8th "	145, 146	898
	10th "	181, 182	922

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	1860.		
<i>Form of the Budget for 1861-62 to be the same as that hitherto used...</i>	18th Nov.	231, 232	946
<i>Returns of sums spent annually for Public Works purposes.—Certain Departments required to send in their —, direct to Government before the end of the current month. The Officers concerned instructed to take special care in communication with the Accountant General, to make their Statements tally exactly with the anticipative sketch Estimate as required by the Government of India...</i>	13th „	231 232	946
<i>Reduction of a lac of Rupees in the Budget allotment of 1860-61.—Chief Engineer's proposals on the further —, to be effected from the fund devoted to the Irrigation repairs. The revised allotment of funds for 1860-61, communicated to the Accountant General...</i>	20th „	293, 294	957
<i>Chief Engineer is informed that the Government do not see any reason why the Budget should not be submitted on the 1st December as usual. Colonel Horsley to take timely measures to adopt the forms of the Government of India in the Budget of 1862-63. He is also informed that the Government do not intend to deviate this year from the usual forms in which the Budget is prepared in the Government Office...</i>	20th „	309, 310	997
<i>Accountant General to report on the suggestions of the Chief Engineer respecting certain modifications in the Budget...</i>			
<i>Chief Engineer is requested to submit a return of the probable expenditure of the Establishment according to Part V of the forms for the Budget prescribed in the Classification Report...</i>	21st „	344	1,018
<i>Statement of the Budget sanctions for 1860-61, submitted by the Chief Engineer, to lie over till the receipt of the information called for from the Board of Revenue.....</i>	27th „	427, 428	1,018
<i>Kistna Works.—Forwarding Board's Proceedings to the Chief Engineer with a view to his applying any available balance from this year's Budget to the —, and making due provision for them in the next, recorded...</i>	22nd Dec.	308, 309	1,215
BUILDINGS.			
<i>Dowlaiswaram.—Mr. Jackson's application for the payment of the price of his house at —, occupied without rent by the Superintendent of the Workshop, referred to Chief Engineer for report...</i>	3rd Jan.	19—21	8
<i>Kurnool. Jail and Judicial Buildings.—Plans and estimates of the —, called for...</i>	3rd „	22, 23	9
<i>North Arcot.—Erection of Offices in the Executive Ranges of — considered unnecessary, as suitable places can be had for monthly rent...</i>	4th „	32, 33	11
<i>Madras Government House.—Estimate for a third story on the principal buildings in the —, sanctioned...</i>	5th „	33, 34	50
<i>Vizagapatam. Buildings in the Harris Valley.—Appropriation of a certain sum from the sale proceeds of Bezvada timber bridge to the —, sanctioned...</i>	6th „	97, 98	58
<i>Range Offices.—Erection of — in certain Districts, deferred.</i>	6th „	113, 114	65
<i>Walvair.—Quarters for European Troops at — provision of — to be deferred...</i>	7th „	121, 122	73
<i>Jackatalla.—Reports the issue of a notice of ejection to an Overseer occupying a house within the limits of the Cantonment of —. Referred to Military Department.</i>	9th „	134, 135	78
<i>Kurnool. Buildings in the Fort at Kumbum.—The Collector to state what use can be made of the —</i>	10th „	159, 160	87

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<i>Madras. Sepakkam.</i> —Chief Engineer reports that he has countermanded repairs being made to the Mahkama at —, recorded... ..	13th Jan.	23, 24	173
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<i>Madras. Chepauk Palace.</i> —Third estimate for improvements to the — entered in the Budget of 1860-61... ..	13th "	38	177
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<i>Mercara.</i> —Orders for striking the Sapper Buildings at — off the Returns of the Quarter Master General of the Army and the Deputy Assistant Quarter Master General of the Mysore Division. Communicated to the Chief Engineer... ..	19th "	111, 112	214
<i>Chingleput. Homes' Gardens.</i> —Estimates for converting the —, into a Kacheri for the Collector, sanctioned to be entered in the Budget of 1860-61... ..	20th "	119, 120	215
<i>Madras. Chepauk Palace.</i> —Estimates for repairs, &c., to the — for its conversion into public offices, sanctioned by the Government of India... ..	21st "	14, 15	231
<i>Madras. Tanampetta Darogah's Tannah.</i> —Estimate for repairing it, &c., sanctioned... ..	24th "	66, 67	253
<i>Ganjam. Russelcondah.</i> —Relative to the disposal of the public buildings at —, communicated to the Chief Engineer... ..	26th "	81, 82	264
<i>Negapatam Tower.</i> —Ordered to be fenced round, and photographs taken of it... ..	26th "	101, 102	270
<i>Masulipatam.</i> —Return of public buildings at —, showing the mode in which they are or may be disposed of, communicated to the Chief Engineer... ..	26th "	105, 106	272
<i>Fellore. Military Buildings.</i> —Chief Engineer recommends that the —, be removed from his list. Referred to the Military Department... ..	27th "	119, 120	276
<i>Tombs on the Fort Esplanades and at certain Burial Grounds.</i> —Information called for respecting the— ..	28th "	143, 144	287
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<i>Dowlaiswaram. Warrant Medical Officer's Quarters.</i> —Respecting the reductions to be made in the estimate for the —. Referred to the Military Department.	6th "	79, 80	24
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<i>Pellore.</i> —Ordering that the subject of erecting Military buildings at — be removed from the list of Government requisitions of the Chief Engineer's Office, communicated to the Chief Engineer... ..	16th „	58, 59	75
<i>Madras. Mahkama and Toshakhana.</i> —The Accountant General is authorized to place the full amount of the estimates for the improvement, &c., of the —, at the disposal of the Civil Architect... ..	18th „	73, 74	80
<i>Port-Saint George.</i> —Estimate for additions, &c., to the building in — used as a Library and School-room, approved... ..	20th „	90, 91	88
<i>Guindy Park.</i> —Bill for repairing the water pipes and wood work of the closet at —, sanctioned... ..	21st „	14, 15	205
<i>Madras. Government House.</i> —Bill for putting an invisible fence at —, sanctioned... ..	21st „	14, 15	205
<i>Madras. Odacall Tannah.</i> —Bill for white and blue washing, &c., to the —, sanctioned... ..	21st „	14, 15	205
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<i>Do. Gun Carriage and Mint.</i> —Statement of expenditure sanctioned and proposed for buildings at the — for the reception of machinery, recorded... ..	23rd „	32, 33	213
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<i>Ramandurg Hill.</i> —Explanation called for respecting the objectionable construction of the Cook-rooms and Privies on the —	29th „	131, 132	251
<i>Madras. Government House.</i> —Bill for a window in the room occupied by the Body Guard at —, sanctioned... ..	1st March	7, 8	8
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<i>Godavery Division.</i> —Estimate for repairs to the Barracks, Store House, &c., &c., at Ragapur —, referred to the Judicial Department... ..	14th „	21, 22	82
<i>Rajahmundry.</i> —Estimate for rebuilding the Staff Serjeant's Quarters of the Sappers and Miners at Dowlaishwaram, approved with an observation that the failure of the work was attributable to Captain Rundall... ..	15th „	39, 40	87
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<i>Arent</i> .—Old tombs and grave stones situated near the European Barracks at —, estimate for the removal of —, sanctioned. ...	27th "	68, 69	166
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<i>Fort Saint George</i> .—Old Civil Auditor's Office in —. Its demolition ordered. ...	29th "	117, 118	188
<i>Jackatalla</i> .—Letter from the Quarter Master General of the Army, regarding a Subordinate of Department Public Works at — being ejected from his house by the Commanding Officer, and concurring with the Commander-in-Chief that the house should be restored. ...	29th "	121, 122	188
<i>Malabar</i> .—Erection of buildings for the accommodation of two Subalterns and one Medical Officer at Calicut, sanctioned. Chief Engineer to report what reduction could be effected in the estimate. ...	3rd April	25, 26	6
<i>Tanjore</i> . <i>Old Dutch Custom House at Negapatam</i> .—Chief Engineer to take measures for the repair of the — ...	4th "	29, 30	7
<i>Sudder Adalat</i> .—Building occupied by the — to be rented from month to month, and the repairs to be effected at the expense of Government. ...	4th "	47, 48	23
<i>Godavery</i> . <i>Dr. Jackson's House</i> .—Dissatisfaction expressed at Mr. Moncrieff omitting to pay rent for —, for 20 months —. Chief Engineer to report what Officers occupied the building prior to April 1858, and whether any rent is due by them, also to ascertain the value of this as well as General Cotton's House. ...	4th "	69, 70	27
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<i>Ancient Architectural Remains.</i> —Reports on the subject of — in certain Districts for 1858-59. The experiment of the application of Ransome's Patent Process to the preservation of the inscriptions on the rock near Naugam in Ganjam, authorized... ..	19th „	155, 156	129
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<i>Survey Report for 1859</i> on the various buildings rented for public purposes, noticed... ..	24th „	44, 45	171
<i>Bellary.</i> —Military Buildings at —, a special grant of 5,000 Rupees for constructing certain —, sanctioned... ..	24th „	48, 49	172
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<i>Bellary.</i> —Sundry repairs to the Military buildings at Ramandroog, sanctioned... ..	24th „	52, 53	172
<i>Chingleput. Homes' Gardens.</i> —Repairs to — ordered to be commenced with immediately... ..	25th „	72, 73	186
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<i>Tanjore</i> .—Ordering that measures for fitting up certain buildings for accommodation of Kacheris, Courts, &c., be carried out by the District Engineer, and that he be desired to submit plans and estimates for the works to be done, and in the meanwhile to proceed at once with such Revenue Buildings as do not involve any considerable expense...	15th "	80, 81	145
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<i>Madras. Government House</i> .—Chief Engineer is authorized to accept and pay the Bill for the iron railings for the —, Sub-Treasurer to disburse the amount as an advance, to be repaid hereafter from the proceeds of the sale of building allotments near the great gate of Chempauk...	25th "	94—99	236
<i>Guindy Park</i> .—Chief Engineer reports that as the wire fencing intended for —, will not now be required, the Civil Architect has been instructed to pay the amount of Rupees 750 to Captain Moberly, who is to debit himself with it in his accounts under the head Refunds on account of Public Works in 1859-60...	25th "	94—99	236
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<i>Tanjore. Negapatam Sea Custom House.</i> —Excess over the amount already sanctioned for repairing and improving the —, sanctioned. The purchase of carts and bullocks to be worked on account of Government approved.....	11th "	208, 209	129
<i>Presidency. Marine Buildings.</i> —All applications for the repair of the —, to be made to the Superintendent of Marine...	12th "	222, 223	136
<i>Ootacamund. Rest House at Kalvatti.</i> —Chief Engineer to explain why the plan and estimate of the — have not yet been submitted, and the Collector is instructed to take the house at the sign post on a long lease for a Rest House and the land purchased there for 125 Rupees be re-sold on account of Government ...	14th "	254, 255	151
<i>Vizagapatam.</i> —Estimates for the permanent foundations and temporary buildings required at Waltair, called for.	14th "	260, 261	156
<i>Wellington. Quarters for the Cantonment Serjeant Major.</i> —Cancelling the orders for a plan and estimate for the —	14th "	262, 263	156
<i>Madras. Minié Bullet Factory.</i> —Government of India is informed that the — will be removed to St. Thomas' Mount as soon as the necessary buildings shall be erected.	16th "	276	162
<i>Kuraool. Mr. Robinson's House.</i> —Calling for a survey report and valuation statement of —	20th "	338, 339	185
<i>Madras. Master Attendant's Office.</i> —Directing that the building of a Verandah on the side entrance to the — be not proceeded with, and that any part of it already put up be removed...	20th "	340, 341	186
<i>Dowlaiswaram.</i> —Dr. Jackson's House at — Chief Engineer furnishes the information called for as to the Officers who occupied —, prior to 1st April 1858, and the rent due by them...	21st "	350, 351	189
<i>Madras. Government House Iron Railings.</i> —Chief Engineer is authorized to pay the second Draft amounting to Rupees 5,121-8-0 for —	24th "	390, 391	210
<i>Madras. Medical College.</i> —Requiring the early completion of the improvement to the —	26th "	431, 432	224
<i>Wellington. Commissariat Store-room attached to the Hospital at.</i> —Approving for execution an estimate for constructing an additional room and effecting certain improvements to the —	27th "	436, 437	227
<i>Military Works.</i> —Government of India give a list of the —, from which a further reduction could be effected from the Budget of 1860-61. Commander-in-Chief specifies certain works which ought not to be postponed. Vide "Budget"...	28th "	440, 441	228
<i>Pulicat.</i> —Repair of the Tombs in the Burial Grounds at — not to be proceeded with immediately...	28th "	448, 449	236
<i>Cocanada.</i> —Chief Engineer is instructed to have the Store-house roof repaired...	28th "	452, 453	237

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<i>Vellore.</i> —Public buildings in the Fort of —, reported to be unsuitable for the temporary accommodation of Euro- pean Troops... ..	31st July	473, 474	243
<i>Madras.</i> <i>Out-officers attached to the Observatory buildings.</i> —Estimate for improvements to a portion of the —, sanctioned... ..	31st „	485, 486	247
<i>Panthen.</i> <i>Sea Custom House.</i> —Plan of the — submitted. Estimate for its repair sanctioned... ..	31st „	487, 488	248
<i>Temporary Store-rooms.</i> —Observing that the construction and repair of — should be debited to the Department Public Works. Vide “Sheds”... ..	31st „	496, 497	253
<i>Bellary.</i> —Chief Engineer reports that the estimate for building a School and Reading-room and for the per- formance of Divine Service at Ramandroog will be entered in the Budget of 1861-62... ..	2nd Aug.	21, 22	270
<i>Tanjore.</i> —Calling for a report as to the arrangements re- quired for adapting certain buildings for use as Court Houses for the Civil and Session Judge, Principal Sudder Amin and Mufty Sudder Amin, with an estimate of cost.	4th „	50, 51	281
<i>Coimbatore.</i> <i>Rest Houses at Kalhatti and Ootacamund.</i> — Chief Engineer reports what has been and what is being done towards the erection of —. He is to ascertain the terms on which Captain Morgan's House at Kalhatti may be engaged, also to obtain an explanation from the Dis- trict Engineer of Coimbatore as to the delay of 15 months in the submission of a plan and estimate for a Rest House at Kalhatti... ..	6th „	52, 53	281
<i>Malabar.</i> —Revised estimate for the erection of a building for Divine Service at Mallapuram sanctioned —; the differ- ence to be provided from the fund reserved for emergent works in the Budget for 1860-61... ..	6th „	59, 60	289
<i>Madras.</i> <i>General Hospital.</i> —Approving an estimate for converting the Sick Officers' Quarters at the — into a Primary Medical School... ..	7th „	75, 76	294
<i>Madras.</i> <i>Black Town Market.</i> —Sanctioning an estimate for improving the — out of the Presidency Repair Fund.	10th „	119, 120	313
<i>Ventilation of all Public buildings</i> inhabited by Euro- peans and the drainage of adjacent localities such as Military Stations and Bazars.—Chief Engineer assigns reasons for the non-submission of further reports respect- ing the —, and intimates the instructions issued by him to all Departmental Officers on the subject... ..	10th „	121, 122	313
<i>Madras District.</i> —Board of Revenue to report what is the cheapest accommodation which will suffice for a Taluq Magistrate to be located at Sreeharicottah... ..	16th „	198	344
<i>Cona-a, South.</i> <i>Molpi New Sea Custom House.</i> —Supple- mental estimate for the construction of the —. Further information called for... ..	16th „	199, 200	344
<i>Minib, Bulhet Factory at Saint Thomas' Mount.</i> —Govern- ment of India express satisfaction at a suitable site having been found for the —... ..	23rd „	318, 319	417
<i>Wellington Barracks.</i> <i>Grant's Store at the —.</i> Chief En- gineer explains the cause for not having reported yet on the result of the use of —... ..	25th „	342, 343	429
<i>Do.</i> — <i>Store of Dr. Duff's Pattern</i> — Chief Engineer reports that the Special Executive Engineer at — has been di- rected to submit an estimate of the number required of —... ..	25th „	342, 343	429
<i>Malabar.</i> <i>Choukey or Watch-shed in the limits of the Min- dale Custom House.</i> —Estimate for re-constructing a —, sanctioned... ..	25th „	344	430

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<i>Fort Saint George.</i> —Chief Engineer to submit plan and estimate for more suitable buildings than those at present for the married men and families of the Regiment in the Barracks in —. The same communicated to the Government of India... ..	27th Aug.	349—351	431
<i>Negrpatam. Tombs in the Dutch Protestant Burial Ground at</i> —Observing that the estimate for repairing the ancient — will be included in the Budget for 1861-62.	27th "	356, 357	433
<i>Madura. Building called the Tankam at</i> —Question of repairs and gardeners for the — disposed of...	28th "	366, 367	434
<i>Ootacamund Rest House at Kalhatti.</i> —Collector of Coimbatore reports that the owners of the house at the sign-post are unwilling to sell it, but will let it. Communicated to the Military Department...	30th "	410, 411	457
<i>Masulipatam. Arsenal Buildings.</i> —Observing that the detention of Recruits of Her Majesty's British Army at — will not interfere with the disposal of the — proposed to be made over for commercial purposes...	31st "	425, 426	461
<i>Upper Godavery.</i> —Estimate for the construction of a house for the Overseer to be located at Rudrumkotta, sanctioned...	3rd Sept.	19, 20	467
<i>Dowlaiswaram. Old Workshop Buildings.</i> —Chief Engineer reports the instructions he has issued to the District Engineer respecting the —. Recorded...	5th "	40, 41	476
<i>Do. Sugar Factory.</i> —Postponement of the additions and improvements to the —, reported...	5th "	40, 41	476
<i>Madras. Gun Powder Manufactory</i> —Approving for execution an estimate for extending the present Workshop attached to the — ...	5th "	49, 50	483
<i>Temporary Married Quarters at all Stations.</i> —Plans and estimates for —, called for...	8th "	77, 78	494
<i>Nellore. Cutwal's Choultry at Singaray Coodah.</i> —Estimate for constructing a —. Magistrate required to report as to the necessity of the building...	11th "	106, 107	504
<i>Coimbatore. Rest House at Kalhatti.</i> —Explanation of the District Engineer of the delay in submitting a plan and estimate for —. Recorded...	13th "	120, 121	526
<i>Tanjore.</i> —Plan and estimate for adapting the Government buildings at Tranquebar to Judicial purposes to be submitted immediately...	15th "	124, 125	527
<i>Arcot, North. Palace at Chendrugherri.</i> —Repairs of the —, authorized...	14th "	140, 141	531
<i>Burmah.</i> —Chief Engineer is not required to submit any report on the Military Buildings in — ...	20th "	210, 211	566
<i>Bellary.</i> —Approving estimate for constructing a temporary Guard-room and two Prison-rooms for the D Troop Horse Artillery at — ...	20th "	224, 225	574
<i>Vizagapatam.</i> —A tiled Bungalow for the European Sergeant attached to the Sibbandies at Nursepatam in —. Sanctioning for entry in the Budget for 1861-62 an estimate for constructing — ...	20th "	226, 227	574
<i>Tranquebar.</i> —Directing the immediate execution of the works proposed by the District Engineer of Tanjore for adapting the Government buildings and citadel at —, to Judicial purposes...	21st "	230, 231	575
<i>Coimbatore. Rest House near the Kalhatti Bridge.</i> —The Collector is permitted to undertake the completion of the temporary — ...	22nd "	252, 253	582
<i>Vizagapatam.</i> —Authority granted for transferring to the Collector the public buildings recently erected in Harris Valley or Galiparvatam ...	25th "	282, 283	602
<i>Malabar. District Engineer's Office and Yard.</i> —Rupees 3,080 sanctioned for construction of the — ...	26th "	286, 287	606

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<i>Malabar. Two Subalterns' Quarters with Mess-room and Out-offices near the European Barracks at Calicut.</i> —Approving an estimate for constructing —, provided the purchase of the land for the site has been completed. ...	26th Sept.	298, 299	609
<i>Fort Saint George. Civil Auditor's Office.</i> —Approving estimate for altering the old —, for adapting it as Officers' quarters... ..	26th „	300, 301	610
<i>Military Buildings.</i> —Chief Engineer forwards a Memorandum of the number of Solitary Cells available and required at Kamptee and other stations. No orders required as the Chief Engineer has no concern with the — at the stations and territories referred to... ..	27th „	302, 303	610
<i>Dowlaiswaram.</i> —Certain houses and buildings in the vicinity of the Workshop, Dockyard and Quarry at —, authorized to be sold in the manner proposed by the Chief Engineer... ..	27th „	308, 309	611
<i>Madras. Gun Powder Manufactory.</i> —Sanctioning Rupees 367-13-0 for building a separate detached room for the safe storage of the pulverized charcoal at the — ...	28th „	340, 341	627
<i>Godavery. Dowlaiswaram Workshop Buildings.</i> —Rupees 3,500 sanctioned for repairs, &c., to the — ...	29th „	350, 351	630
<i>Military Buildings.</i> —Approving of the disposal of certain disused — in the several Districts of this Presidency as proposed by the Chief Engineer... ..	29th „	354, 355	633
<i>Canara, North. Táling School at Sircy.</i> —Chief Engineer solicits instructions to the Accountant General for the disbursement of Rupees 57-3-4 for certain repairs to the house occupied by the —. Communicated to the Public Department... ..	1st Oct.	3, 4	635
<i>Coimbatore. Rest House at Kalkatti.</i> —His Excellency the Commander-in-Chief expresses a hope that the offer of the Collector for the building of the —, will be accepted... ..	2nd „	19, 20	641
<i>Trichinopoly. Old Travellers' Bungalow at Puttur.</i> —Government agree with the Chief Engineer that it is unnecessary to receive actual payment from the Military Department for the — transferred to that Department to be used as Apothecaries' Quarters; and in supersession of the order of 31st October 1859, fresh instructions issued for its adjustment... ..	2nd „	21, 22	641
<i>Madras Mint.</i> —Approving for immediate execution an estimate for building in masonry the boiler and furnace of the 12 Horse Engine lately received into the —, and for constructing a flue and chimney to the same... ..	4th „	65, 66	666
<i>Nellore. Singaroy Condah Choultry.</i> —The estimate for repairing the — considered unnecessary. The Collector to report how he proposes to dispose of the building and ground... ..	5th „	77, 78	672
<i>Malabar. Officers' Quarters at Calicut.</i> —Chief Engineer to report whether the purchase of the land on which it is proposed to build the — has not yet been effected, if not, a specification of the land to be submitted... ..	9th „	138	697
<i>Coimbatore. Rest House at Kalkatti.</i> —Suggestion of the Commander-in-Chief that a pensioned Sepoy be put in charge of the — when completed. Referred to the Board of Revenue... ..	10th „	147, 148	698
<i>Bellary. Racket Court.</i> —Authority granted for completing the flooring of the — in the style in which it has already been partially done... ..	11th „	167, 168	705
<i>Kurnool. Collector's Native Record Department.</i> —Calling for a plan and estimate for a detached room for the use of the — ...	13th „	212, 213	723

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	1860.		
<i>Godavery District.</i> —Government Solicitor advises the payment of the rent of the buildings used by the Commissariat Department at Cocanada. Vide "Godowns."...	15th Oct.	216, 217	727
<i>Kistna District. Tombs at Juggiapett.</i> —Sanctioning for entry in the Budget of 1861-62, estimate for erecting a compound wall for the protection of — ...	17th "	257, 258	746
<i>Do. Dutch Graves in the compound of Mr. Marjoribanks' House.</i> —Sanctioning for entry in the Budget of 1861-62, estimate for a wall for protecting the — ...	17th "	257, 258	746
<i>Mysore. Rest Houses</i> reported to have been completed. Communicated to the Chief Engineer...	20th "	281, 282	757
<i>Tanjore. Surja Mahal.</i> —Estimate for repairing the — and adapting it for the Collector's Kacheri, Treasury, &c., sanctioned...	20th "	285, 286	763
<i>Salem. Rest Houses at Tripatur and Sholagiri.</i> —Chief Engineer submits explanation as to the excessive cost of the —. The professional opinion of the Chief Engineer required on the subject...	20th "	287, 288	764
<i>Malabar. Huzur Treasury at Calicut.</i> —Estimate for improvements to the —, sanctioned...	22nd "	295, 296	767
<i>Coimbatore. Rest House at Kulkutty.</i> —The Board of Revenue consider the proposal to appoint a pensioned Sepoy to the —, the best under the circumstances. The cost of the establishment to be a Military charge. ...	24th "	311, 312	779
<i>Madras. Medical Store Premises.</i> —Proposal for improving the — communicated to the Chief Engineer. ...	26th "	355, 356	803
<i>Canara, South. Buildings of the Salt Department at Pani Mangalore.</i> —Estimates for repairing the —, sanctioned.	27th "	361, 362	806
<i>Do. Malpi New Custom House.</i> —Supplemental estimate for the construction of the —, sanctioned...	31st "	407, 408	821
<i>Presidency Arrack Distillery.</i> —Chief Engineer reports the name of the young man who was employed in removing the centrigs of the —, recorded...	1st Nov.	9—10	831
<i>Architectural Remains of Antiquity in the Madras Territories.</i> —Secretary of State for India intimates that the reports on —, has been sent to the Asiatic Society in London...	1st "	15, 16	832
<i>Madras. Government House.</i> —Views of the Home Government on the proposed substitution of an open iron railing with ornamental gate-way and gates of the same material, in place of a part of the dead wall which now encloses the grounds of the — ...	1st "	15, 16	832
<i>Report of the Ancient Architectural Remains for 1859-60.</i> —The District Engineer of Bellary is not required to report upon the ruins of Bejjanuggur. A further sum of Rupees 50 sanctioned for repairing the old Dutch Tombs in the Cemetery at Tumarpolliem in Vizagapatam...	2nd "	39, 40	847
<i>Wellington. Married Quarters.</i> —Rupees 13,791 granted for the —, in addition to the amount of the sanctioned estimates. Chief Engineer to explain the necessity of this additional sanction, as well as those alluded to by Captain Farewell in connection with some revised estimates that had been proposed...	3rd "	64, 65	858
<i>Tinnevely. Tombs erected to the memory of the Officers killed in the storm of Paachalumkurchi Fort.</i> —Estimate for the repair of the —, sanctioned...	6th "	82, 83	868
<i>Public Buildings.</i> —Measures adapted by the Chief Engineer for ensuring uniformity of style in the construction of —, approved...	7th "	102, 103	877
<i>Dowlaiswaram. Warrant Medical Officer's Quarters at —.</i> Chief Engineer promises explanation when re-submitting the estimate for the — ...	7th "	102, 103	877

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<i>Wellington. Married Men's Quarters.</i> —Sanctioning an estimate for converting two of the — into two Solitary Cells and two Guard-rooms... ..	7th Nov.	121, 122	890
<i>Coimbatore. Rest House at Kulhatty.</i> —Sanctioning a pensioned Sepoy being placed in charge of the — ...	8th „	147, 148	900
<i>Kistna. Rest House at Bezvada and Shair Mahomed Pet</i> on the road between Masulipatam and Secunderabad, sanctioned. Chief Engineer to report whether funds can be provided for the commencement of the works... ..	10th „	187, 188	923
<i>Kurnool. Captain Robinson's House.</i> —Sanctioning the purchase of —, and calling for an estimate for any work that may be required to fit the building up as a Court. Chief Engineer to make provision for the purchase money in the Budget for the year 1861-62... ..	12th „	217, 218	941
<i>Madras. Government House.</i> —Chief Engineer is authorized to accept the Bill for Rupees 5,189-3-0, being the equivalent of £ 500 for the gates, &c., for the —, expected from England per Ship "Trafalgar"... ..	20th „	291, 292	986
<i>Wellington. Rocket Court.</i> —Estimates for repairing and improving the —, referred to the Military Department.	21st „	334, 335	1,015
<i>Bellary. Apothecary's Quarters at Ramandroog.</i> —Approving for immediate execution two estimates for alterations and improvements to the — ...	28th „	449, 450	1,079
<i>Madura. Terumal Naick's Palace.</i> —Sanctioning estimate for repairing certain portion of —, for providing accommodation for the Munsif's Court... ..	28th „	451, 452	1,079
<i>Wellington.</i> —Estimate for a verandah for the godown containing Hospital stores, transferred to the Military Department... ..	30th „	466, 467	1,087
<i>Wellington. Rocket Court.</i> —Estimate for repairing and improving the —, to be entered in the Budget of 1861-62.	30th „	470, 471	1,088
<i>Dowlaiswaram.</i> —Temporary Quarters for a Medical War-rant Officer at —. Calling for fresh estimates for — ...	3rd Dec.	25, 26	1,097
<i>Arm Racks in Barracks.</i> —Government of India forwards a drawing of the top shelves of —, to be adopted for the future. Communicated to the Chief Engineer...	4th „	29, 30	1,098
<i>Madras. Guindy Park Stables.</i> —Estimate of Rupees 3,330 for improving the —, sanctioned... ..	5th „	55, 56	1,105
<i>European Troops.</i> —Ruling of the Government of India on the subject of reduction of expenditure in the preparation of accommodation for —. Communicated to the Chief Engineer... ..	7th „	97, 98	1,128
<i>Madras. Government House.</i> —Plan for the erection of the cast-iron railings around a portion of the — compound at a cost of Rupees 4,600 approved, and the Sub-Treasurer authorized to disburse the amount as an advance to be recovered hereafter... ..	8th „	111, 112	1,132
<i>Bellary.</i> —Chief Engineer forwards a plan and estimate for a small covered market on the Ramandroog... ..	7th „	99, 100	1,129
<i>Do. do. Colonel Whistler's House.</i> —Plan and estimate of —, to be purchased by Government, submitted by the Chief Engineer. Referred to the Military Department... ..	7th „	99, 100	1,129
<i>Madras. Cheparuk Grounds.</i> —Chief Engineer to report what arrangements are made for the sale of building allotments in the — ...	10th „	131	1,140
<i>Madras. Tannah and Constable's Quarters in Odacal street, Black Town.</i> —Sanctioning for entry in the Budget of 1861-62, the estimate for enlarging and improving the —.	10th „	140, 141	1,142

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<i>Madras. Kalasmahall at Chepauk.</i> —Estimate of Rupees 1,720 for making and fitting up venetian blinds, &c. in the eastern arcade verandah to the upper story of the —, authorized... ..	13th Dec.	187, 188	1,163
<i>Bellary.</i> —Approve for entry in the Budget for 1861-62, the estimate for constructing a small market on the Rammandroog... ..	13th "	191, 192	1,164
<i>Do. do. Colonel Whistler's House.</i> —Approving the purchase of —. Communicated to the Chief Engineer...	13th "	191, 192	1,164
<i>Vizagapatam. Temporary buildings required for the Detachment of Artillery at Waltair.</i> —Chief Engineer is requested to explain the discrepancy pointed out in the estimate for certain —	14th "	193, 196	1,165
<i>Wellington.</i> —Tiled roof front verandah to the Hospital Commissariat Stores at —. Approving for entry in the Budget of 1861-62, the estimate for the —	14th "	207, 208	1,168
<i>Revenue Board Office</i> to be made available for Officer's Quarters within three months. Communicated to the Chief Engineer... ..	14th "	209, 210	1,169
<i>Madras. Band Platform on the Monument Esplanade.</i> —Estimate for the construction of a —, authorized to be inserted in the Budget of 1861-62... ..	17th "	223, 224	1,174
<i>Ganjam. Collector's Kacheri at Chaltarpur.</i> —Estimate of Rupees 1,620 for additions to the —, sanctioned, the amount to be struck out of the Budget for 1861-62.	18th "	235, 236	1,179
<i>Vizagapatam.</i> —The house recommended by Captain Blagrove authorized to be rented for the District Engineer and his Office till the purchase of Captain M'Callum's house is effected... ..	19th "	249, 250	1,189
<i>Godavery District.</i> —Government Solicitor reports his inability to complete the purchase of the buildings at Cocanada now used by the Commissariat Department, and recommends the accruing rent being paid to Mr. Murray's agents. Communicated to the Chief Engineer... ..	20th "	263, 264	1,194
<i>Masulipatam.</i> —Authority granted for transferring to the District Engineer of the Kistna District the building recently used as a Pay Office at—	22nd "	310-312	1,215
BULLET FACTORY—Vide "Buildings."			
BUNGALOWS.			
<i>Arcoot, South. Travellers' Bungalow at Assanur and Kyaur.</i> —Reports to the —, sanctioned... ..	9th Jan.	140, 141	80
<i>Tanjore. Telegraph Office at Puttoccottah.</i> —Erection of a —, sanctioned by the Government of India... ..	19th "	109, 110	212
<i>Vizagapatam. Kuppli and Kotapallem public Bungalows.</i> —Reporting the damage done to the — by the late storm. Recorded... ..	23rd "	44, 45	246
<i>Revenue Board's Report</i> on the extent to which Members of the Public Works, Telegraph and Railway Departments make use of public bungalows... ..	21st Feb.	10, 11	203
<i>Report</i> on the condition of the Travellers' Bungalow in several Districts in 1858. Recorded... ..	24th "	54, 55	225
<i>Paumben.</i> —Transfer of the Travellers' Bungalow at — to the Telegraph Department, and the construction of a new 2nd class Travellers' Bungalow, authorized... ..	3rd April	15, 16	4
<i>Madura.</i> —Bungalow and premises at Melur lately occupied as the Taluq Kacheri, authorized to be sold by public auction... ..	21st "	5, 6	151

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BUNGALOWS—(Continued.)			
	1860.		
<i>Arcot, North.</i> —The hedge of the Ranepett public bungalow to be replaced by a low wall... ..	11th July	189, 190	118
<i>Trichinopoly.</i> —Old Travellers' Bungalow at Puttur. Government agree with the Chief Engineer that it is unnecessary to receive actual payment from the Military Department for the —, transferred to that Department to be used as Apothecary's Quarters... ..	2nd Oct.	21, 22	641
BURIAL GROUNDS.			
<i>Tanjore.</i> —Collector to report on the present condition of the Burial Ground at Negapatam... ..	4th April	57, 58	24
<i>Vizagapatam.</i> —An estimate called for, for forming a new Cemetery on the site proposed by the Collector... ..	17th "	131, 132	109
<i>Arcot, North.</i> —Proposal for restoring the wall round the Burial Ground at Arnee... ..	19th "	155, 156	129
<i>Vizagapatam.</i> —Estimates for repairs, &c. to the Burial Ground, &c. at —, called for... ..	9th May	150, 151	89
<i>Chittoor.</i> —Estimate for the new gate for the Burial Ground at —, called for... ..	23rd June	380, 381	218
<i>Pulicat.</i> —Repair of the Tombs in the Burial Grounds at — not to be proceeded with immediately... ..	28th July	448, 449	236
<i>Vizagapatam.</i> —Sanctioning for entry in the Budget of 1861-62, an estimate for enclosing the new Burial Ground at Waltair with a wall, and for constructing a room for the Chaplain's accommodation... ..	19th Sept.	192, 193	555
<i>Negapatam.</i> <i>Ancient Tombs in the Dutch Protestant Burial Ground at.</i> —Sanctioning an estimate for repairing the —,	12th Oct.	188, 189	714
<i>Vizagapatam.</i> <i>Cemetery at Kumerapolhem.</i> —Sanctioning for entry in the Budget of 1861-62 an estimate for enclosing the — with a wall, and for erecting a gate... ..	15th "	218, 219	727
<i>Vizagapatam.</i> —The price of the land bought for the Burial Ground at —, to be treated as an addition to the sum allotted to the District for the current year.....	1st Nov.	13, 14	832
<i>Out-station Burial Grounds.</i> —Chief Engineer to submit yearly one general report on the state of the — instead of detached reports... ..	9th "	155, 156	903
<i>Chittoor.</i> —Estimate for constructing a new gate and a covered porch at the entrance of the Burial Ground at —, referred to the Ecclesiastical Department... ..	21st "	332, 333	1,014
<i>Chittoor.</i> —Estimate for a new gate and porch to the Burial Ground at —, sanctioned... ..	10th Dec.	142, 143	1,142
<i>Vizianagram.</i> —Estimate for enclosing by a wall with a gate the portion of ground recently added to the Cemetery at —, authorized to be entered in the Budget of 1861-62.	11th "	146, 147	1,143
CADETS.			
<i>Cuzon, Mr. J. G. R.</i> —Report of the Presidency Board of Officers for the examination of Cadets, on their Examination of —, on the papers for a Cadet, in view to his being appointed to a situation in the Department Public Works.	19th July	315, 316	175
CALINGULAH.			
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<i>Public Works Department.</i> —Amended Draft Sections of the Code for the — under the heads of — Chief Engineer. Deputy Chief Engineer. District Engineers. Executive Officers and Agents, and Subordinate Agents.			
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<i>Chapter XXII of the New Code relating to Stores, approved, Rules 42 and 43 which provide for permanent advances for a stock of timber and of iron, to remain in abeyance generally, but the Chief Engineer will be at liberty to recommend that they shall be put in force in any District where he may consider such stock of materials to be specially required...</i>	2nd "	35, 36	845
<i>Chapter XXIV of the New Code being a compilation of all the rules for the sanctioning of works submitted by the Chief Engineer. Instructions issued as to the form in which it is to be reprinted. The sanction of Bills considered undesirable to be introduced in this Chapter, but if it is done it should be completely and separately from the sanction of expenditure...</i>	2nd "	37, 38	846
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" <i>Lucknow.</i> "—Superintendent of Marine intimates the arrival of the — with 470 tons of Coke and states that he has received no instructions as to the Department for which it is intended. The consignment considered to be in part compliance with the Indent for the Chief Engineer. Transferred to the Financial Department... ..	19th "	326, 327	182
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<i>Return of Cash Expenditure for the Quarter ending 31st July 1860.</i> —Transmitted to the Government of India with an intimation that the revised statement will be forwarded as soon as received from the Chief Engineer ...	6th Oct.	101—103	683
<i>Hyderabad Chief Engineer's Department.</i> —Information solicited from the Government of India as to the particulars of the calculations on which they have arrived at the decision that the whole expenditure of the — should be equally divided between this Government and the Hyderabad Assigned Districts... ..	10th "	157, 158	702
<i>Return of Cash Expenditure for the Quarter ending 31st July 1860.</i> —Chief Engineer reports that the — submitted by him is in precisely the same form as all those hitherto submitted. Required to be submitted in the form annexed to Circular No. 7,509 of 31st October...	16th "	232, 233	733
<i>Funds allotted for the repair of Irrigation Works. Vide "Funds" and Irrigation Works...</i> ...	18th "	269, 270	749
<i>Rules drawn up by the Government of India to give facility to the Local Governments in administering their Public Works Departments...</i> ...	25th "	323, 324	784
<i>Madras Government to sanction projects not exceeding in cost 60,000 Rupees...</i> ...	25th "	323, 324	784
<i>Quarterly Returns of Expenditure for 1860-61.</i> —Government of India is informed that the Chief Engineer has been directed to prepare the — in the form in which they were furnished for 1859-60... ..	8th Nov.	143, 144	897

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<i>Government of India</i> intimate that the sum which may be assigned for Public Works expenditure for 1861-62 is 64 lacs, and that it may possibly be increased to 70 lacs, and desires that the Budget may be submitted without fail in January next. Communicated to the Chief Engineer...	10th Nov.	181, 182	922
<i>Central Office, temporary establishment required by the Chief Engineer for the final adjustment of the unpassed expenditure up to 30th April 1856.</i> —Application made to the Government of India for the —	16th "	261, 262	958
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<i>Synopsis of Expenditure</i> to be substituted for that last sent, as well as a statement headed statistics of expenditure on the great works in progress, transmitted to the Government of India...	19th "	286—288	985
<i>Return of the probable expenditure of the establishment according to part V of the forms for the Budget.</i> —Chief Engineer is requested to submit a —	21st "	344	1,018
<i>Deputy Chief Engineers.</i> —Memorandum showing the increased cost that would be incurred by the proposed tour of inspections of the —. To lie over...	30th "	462, 463	1,085
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<i>Godavery Division.</i> —Accountant General explains the cause of the discrepancies noticed by Mr. Dykes in the accounts of the —, communicated to the Chief Engineer...	10th "	123, 124	1,157
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<i>Homa Government</i> notice the great cost of establishments in comparison with the remaining expenditure on Public Works...	24th "	370, 371	1,285
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<i>Whiteside, Mr., Commissioner of Tanjore.</i> —Report on the prohibition of — to export grain. The previous order on the subject communicated to the Commissioner Mr. Phillips...	6th Feb.	81, 82	25

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<i>Brosnahan, Mr. 2nd Assistant District Engineer.</i> —Seeks refund on account of Family payments made in England. Home Government to be addressed on the subject... ..	1st Feb.	19, 20	8
<i>Do. do.</i> —Reports that the family of — have arrived at Madras —. His full salary authorized to be passed from February 1860... ..	17th March	99, 100	109
<i>Do. do.</i> —Family payments made by — reported to be correct by Home Government, communicated to the Chief Engineer and Civil Auditor... ..	15th May	69, 70	138
<i>Thomson, Mr. A., Mechanical Engineer.</i> —Discontinuance of deductions from the pay of — on account of family payments in England to be brought to the notice of the Home Government... ..	18th June	278, 279	129
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<i>Alquada Reef Light House.</i> —The District Engineers of the Godavery and at the Presidency authorized to pay monthly the amount of the family certificates left by the laborers who proceeded to the —	5th Oct.	79, 80	673

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FERRIES.

<i>Rajahmundry.</i> —Ferry across the Godavery at — establishment of the — approved by Home Government... ..	1st May	2, 3	1
<i>Statement</i> of charges and net income from Ferries in every District of the Presidency during the last three years. To lie over till the receipt of a further reply from the Board of Revenue... ..	22nd "	30, 31	205

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<i>Northern Canal.</i> —Proposition to impose Fines on Merchants delaying to unload the boats trading on the — Vide "Canals."... ..	29th Feb.	111, 112	245
<i>Quarterly Returns of Fines.</i> —Vide "Returns"... ..	4th May	61, 62	35
<i>Return for the 1st Quarter of 1860 of Fines, Suspensions and Dismissals, reviewed...</i>	19th July	317, 318	176
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<i>Godavery. Flag Staff at Cocanada.</i> —Revised estimate for a — sanctioned... ..	22nd "	323, 324	1,221

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<i>Do.</i> —Report on the causes of the late flood in —, submitted	15th Sept.	148, 149	534
<i>Do.</i> —Further report from the District Engineer on the damages sustained in — from the flood of the 28th July. The proprietor of the Irrigation Channel to be compelled to pay for repairing the damage occasioned by the breaching of his works, in case of his refusal, legal means to be resorted to...	2nd Oct.	33, 34	645
<i>Kistna District.</i> —Damage done by the late flood in the Second Range of the —, reported...	10th „	153, 154	700
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<i>Morgan, Captain, in charge of the Mudumallai Forest.</i> —Explanation of the Chief Engineer respecting the Office establishment of —. To await a further report...	28th „	131, 132	230
<i>Coimbatore. Mudumallai Forest.</i> —Continuance of the establishment for the — on the scale proposed by the Chief Engineer, sanctioned, subject to any future reduction that may appear expedient after the receipt of Dr. Cleghorn's promised further report. Captain Morgan's salary and the pay of his establishment to be charged to the Forest in the first instance, and the whole expenses of working the forest to form a charge on the Jackatalla Barracks, sanctioned...	4th April	33, 34	17
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<i>Central Office.</i> —Head Clerk of the — permitted to frank letters, &c., to Officers of the Public Works Department.	17th „	112, 113	103
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<i>Trichinopoly.</i> —Frauds practised in Department of Public Works —, noticed.	16th June	266, 267	123
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<i>Sambha, Sub-Overseer of the Godavery District</i> reported to have been sentenced by the Sessions Judge to three years' imprisonment with labor, for embezzling Government money entrusted to his care. Authority granted for writing off the amount to "profit and loss," and to carry to the credit of Government the amount of pay and allowances in deposit.	9th Oct.	120, 121	688
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Kistna District.—Estimate for excavating two new channels in the Eastern Delta of the —, sanctioned. Arrangements to be made by the Chief Engineer in communication with the Collector and the District Engineer for providing funds for the work...	4th Oct.	59, 60	661
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Repair of Irrigation Works.—Government observe that the proper mode of allotting funds for — is by a percentage on the revenue drawn from them.	18th „	269, 270	749
Ten lacs fixed for the present as the total annual amount of outlay for ordinary —. The Chief Engineer to propose for approval a distribution of the abovementioned amount among the Districts.			
Rules drawn up by the Government of India to give facility to the Local Governments in administering their Public Works Departments...	25th „	323, 324	784
Madras Government empowered to sanction projects not exceeding in cost 60,000 Rupees...	25th „	323, 324	784
Cocanada River.—Funds provided for dredging the —	26th „	336—340	793

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	1860.		
FUNDS.—(Continued.)			
<i>Solitary Cells.</i> —Government of India decline to sanction any special assignment of funds for the construction of —. The estimates amounting in the aggregate to Rupees 44,180 to be included in the Budget of 1861-62 ...	30th Oct.	391, 392	817
<i>Government of India</i> intimate that the sum which may be assigned for Public Works expenditure for 1861-62 is 64 lacs, and that it may possibly be increased to 70 lacs, and desires that the Budget may be submitted without fail in January next. Communicated to the Chief Engineer...	10th Nov.	181, 182	922
<i>Godavery and Kistna.</i> —Chief Engineer reports the measures adopted for giving effect to the orders of Government for the immediate abolition of certain separate funds kept up by the District Engineers —. Instructions issued for closing the permanent fund and the manner in which the outstanding amount is to be recovered.	12th „	203—205	928
The Chief Engineer to furnish a list of the Officers liable for the balance.			
<i>Quarry, Grass, and Anicut Funds.</i> —Their speedy extinction ordered...	12th „	203—205	928
<i>Reduction of a lac of Rupees in the Budget Statement of 1860-61.</i> —Chief Engineer's report on the further — to be effected from the fund for Irrigation repairs.	20th „	293, 294	987
The revised allotment of funds for 1860-61 ordered to be communicated to the Accountant General.			
<i>Canara, South. Local Ferry Funds.</i> —Permission granted for borrowing money from the — for the purpose of executing certain sanctioned Public Works, on the distinct condition that the amount borrowed is to be re-paid to the fund on the 1st May 1861...	21st „	338, 339	1,016
<i>Godavery Grass Funds.</i> —Two Accounts Current of the — one made up to the 29th February 1860, and the other embracing the period from that date to the 31st October last, recorded...	20th Dec.	265, 266	1,194
<i>Arcot to Arnee.</i> —The funds proposed to be diverted from three specified works for improving the worst portions of the line of road from — not complied with...	22nd „	302, 303	1,214
<i>Godavery. Dredging operations at Cocanada.</i> —The arrangements proposed, in modification of the order of 26th October 1860, for the provision of funds for the current official year for the —, to the amount of Rupees 20,909, approved...	22nd „	321, 322	1,219
<i>Arcot, North.</i> —Arrangements proposed for the distribution of funds for Public Works in —, approved ...	23rd Dec.	325, 326	1,222
FURLOUGH.			
<i>Non-Commissioned Officers employed in the Department Public Works.</i> —Furlough to — to be granted to a few only, the selection of whom rests with the Commander-in-Chief in India...	16th April	90, 91	98
<i>Resolution of the Government of India</i> observing that in respect to cases of furlough under Military Rules in which Officers are allowed to retain their appointments, the provisions of the Resolution of 14th July 1858 should be held applicable....	4th July	85, 86	55

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FURNACES.	1860.		
<i>Jackatalla.</i> — <i>Military Prison at —.</i> Shipment of the Furnaces and Iron Piping for the — reported by the Home Government... ..	15th Aug.	167, 168	333
<i>European Penitentiary on the Hills.</i> —Suggestion of the Chief Engineer that the cost of the heating furnace and Iron Piping expected about the end of October be in- cluded in the estimate for the —, approved... ..	3rd Sept.	15, 16	466
FURNITURE.			
<i>Arcot, South. Engineer's Office.</i> —Bill for a punkah and rattan mats. Chief Engineer is vested with authority to sanction such charges... ..	12th April	43, 14	51
<i>Wellington.</i> —Estimate for the furniture required for fit- ting one of the Barrack rooms at — as a place of Wor- ship for Roman Catholics, approved... ..	22nd June	360, 361	182
<i>Taylor, Mr.</i> —Instructions issued for the recovery of pay- ment for furniture supplied to — from the Dowlaish- warem Workshop. Vide "Workshop"... ..	7th Nov.	113, 114	881
<i>Madras. Kalasmahall at Chopruk.</i> —Estimate of Rupees 1,720 for making and fitting up venetian, blinds, &c., in the eastern arcade verandah to the upper story of the —, authorized... ..	18th Dec.	187, 188	1,163
G.			
GARDENS.			
<i>Bellary.</i> —Colonel Archer's garden on the Ramandroog appropriated as a Soldiers' garden for the Convalescent Depôt at that Sanitarium and sanctioning 50 Rupees to secure the spring in the garden from impurity. Com- municated to the Chief Engineer... ..	22nd May	42, 43	216
GAS.			
<i>Faulkner, Mr.</i> , placed in charge of the Gas Apparatus and to be paid out of the funds at the disposal of the Dis- trict Engineer of the Presidency... ..	9th July	161, 162	102
<i>Fort Saint George. Reading-room and the upper story of the European Barracks.</i> —Requesting Dr. Meyer to make arrangements for lighting with gas the —, communi- cated to the Chief Engineer... ..	7th Dec.	103, 104	1,131
GAZETTE.			
<i>Consulting Engineer for the Irrigation Company</i> not con- sidered necessary to be furnished with the "Fort Saint George Gazette"... ..	3rd March	54, 55	28
<i>Consulting Engineer of the Irrigation and Canal Company,</i> to be supplied with the "Fort Saint George Gazette"... ..	30th April	124, 125	214
" <i>Madras District Gazette</i> " to be supplied to all the Officers in charge of Ranges... ..	19th July	313, 314	174
<i>Letter from the Government of India</i> on the subject of pub- lishing a Supplement to the Gazette to contain such official papers and information as the Government may deem to be of interest to the public... ..	17th Oct.	252, 253	744

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GHATS AND PASSES.—(Continued)	1860.		
<i>Canara. Nilkund Ghât.</i> —Improvement to be undertaken when funds shall be available... ..	6th Jan.	109—112	62
<i>Malabar. Tambracherri Pass.</i> —Rupees 10,000 advanced in anticipation of the Budget, for the opening of the —. Reported to the Government of India.....	13th „	57—59	185
<i>Perambadi Ghât.</i> —Rupees 56,000 being the difference between the original estimate of Rupees 73,700 and the revised one of Rupees 1,29,700 for the repair of the —, authorized to be included in the Budget of 1860-61....	23rd „	48, 49	247
<i>Canara Kaiga Ghât.</i> —10,000 Rupees sanctioned for opening a trial over the —, and an estimate for making a finished Ghât called for... ..	1st Feb.	1, 2	1
<i>Canara. Kaiga Ghât.</i> —The advance sanctioned for a trace on the —, to be debited to the amount reserved for emergent and isolated works... ..	2nd „	38, 39	12
<i>Perambadi Ghât.</i> —Supplemental estimate for metalling and completing Trunk Road, No. 4 from Cannanore into Mysore including the —, submitted for the sanction of the Government of India... ..	21st „	1—7	95
<i>Perambadi Ghât.</i> —Report of the present condition of the — communicated to the Military Department... ..	29th „	125, 126	249
<i>Malabar. Tambracherri Pass.</i> —Sanction for opening out the —, confirmed by the Government of India... ..	9th March	119, 120	72
<i>Canara, North. Kaiga Ghât.</i> —An advance of 10,000 Rs. sanctioned for opening a trace over the —. The same reported to the Government of India... ..	16th „	86—88	106
<i>Kurnool. Manteral or Dorenal Pass.</i> —Instructions issued to the Chief Engineer for the early completion of the —	31st „	139, 140	196
<i>Do. do.</i> —Letter addressed by the Agent of the Irrigation Company regarding the above subject, recorded.	31st „	141, 142	201
<i>Kunûr Ghât Road.</i> —Chief Engineer to make arrangements for proceeding vigorously with the — as well as to improve the road from the foot of the Pass by Metapoliem to Coimbatore... ..	4th April	29, 30	7
<i>Malabar.</i> —Planters of Northern and Western Wainâd expressing regret that the Tambracherri Pass has been selected for future improvement in preference to the Kutindi Pass... ..	19th „	151, 152	127
<i>Kunûr Ghât.</i> —Revision of the Budget for the intended prosecution of the. Vide "Budget"... ..	21st „	19, 20	156
<i>Kunûr Ghât.</i> —Communicating the last paragraph of a letter from the Consulting Engineer for Railways, stating that the steepest portion of the Kunûr Ghât might be improved... ..	7th May	108, 109	60
<i>Kurnool. Manteral Pass.</i> —2,500 Rupees sanctioned to make the whole road alluded to by Lieutenant Beckley, passable for carts... ..	12th „	25, 26	118
<i>Coimbatore. Kunûr and Sirmuge and Kotagihiri Ghâts.</i> —Report on the comparative merits of the — as lines of communication between the Neilgherries and the plains. A further report called for. Minute of the President recorded on the subject... ..	17th „	104—106	153
<i>Malabar.</i> —Callcut to the foot of the Tambracherri Ghât. Annual maintenance allowance of the road from —, a distance of twenty-seven miles, sanctioned... ..	23rd „	48, 49	219
<i>Do. Tambracherri Ghât.</i> —Report on the progress and the difficulties attending the construction of the —, recorded... ..	25th „	74, 75	228
<i>Canara, North.</i> —Kaiga Ghât sanction of this Government for opening road proposed to connect the interior of Dhârwar with the seaport of Sedasheghur, confirmed by the Government of India... ..	25th „	78, 79	229

GHÁTS AND PASSES.—(Continued.)

	Date of Proceedings.	Nos.	Page.
<i>Vizagapatam</i> .—Progress Report of the works on the Gali Konda. The erection of a Skittle Alley and Workshop, approved. Proposition to allow the men to have their families with them, referred to the Military Department.	26th May	117, 118	246
<i>Coimbatore</i> . <i>Kunúr Ghát</i> .—Progress made in perfecting the trace for the — reported. Captain Farewell to be associated with Mr. Fraser for reporting on the improvements to the present line. Captain Farewell to be relieved from the charge of a portion of the works at Wellington...	4th June	43, 44	31
<i>Ganjam</i> . <i>Ghát and Trunk Road between Ramba and the Bengal Frontier</i> .—2,500 Rupees authorized to be expended for improving the —. As there are no funds for improving other parts of this Trunk road, only such portions that are very bad are to be attended to...	9th "	132, 133	75
<i>Malabar</i> . <i>Carriage road to the Wainád District by the Tambracheri Ghát</i> .—Estimate for opening a —, declined for want of funds...	9th June	145, 146	79
<i>Wainád</i> .—Commissioner of Mysore is requested to state whether he is willing to contribute to the improvement of the roads and passes at —...	26th "	410	229
<i>Coimbatore</i> . <i>Kunúr Ghát</i> .—Remarks of the Collector of — on the Civil Engineer's Diary on the —, communicated to the Chief Engineer...	26th "	411, 412	229
<i>Kurnool</i> . <i>Mantarál Canama Ghát work</i> .—Report of the progress made in the —. The work to be resumed as soon as the season again becomes healthy...	2nd July	3, 4	3
<i>Canara, North</i> . <i>Devamani Ghát Road</i> .—Solid wheeled carts authorized to be prohibited the use of the —...	10th "	167, 168	105
<i>Canara, North</i> . <i>Guersappa Ghát Road</i> .—1,000 Rupees permitted to be expended in improving the — in the current year, that amount being the maintenance allowance of the Kullúr and Guersappa Gháts at 500 Rupees each, sanctioned twice over by mistake. In future years, this additional sum of 1,000 Rupees will be retrenched from the allowance...	10th "	179, 180	112
<i>Canara, North</i> . <i>Kaiga and Barbul Gháts</i> .—Explanation of the District Engineer as to whence his information was derived in submitting his report on the relative advantages of the —. The letter returned to be re-submitted with the omission of certain objectionable parts...	11th "	210, 211	131
<i>Canara, North</i> . <i>Devamani and Arbyle Ghát road</i> in —. Statement of the toll collected in 1859-60 on the —, transmitted to the Government of India...	14th "	248, 249	147
<i>Wainád</i> .—Reply of the Commissioner of Mysore on the reference made to him as to whether he is willing to contribute to the improvement of the roads and passes at —, recorded...	31st "	475, 476	245
<i>Canara, North</i> . <i>Kaiga and Barbul Gháts</i> .—Captain Walker reports the means he possessed of forming his opinion of the relative merits of the —. Communicated to the Government of India...	20th Aug.	267—269	369
<i>Coimbatore</i> . <i>Kunúr Ghát</i> .—Chief Engineer's report on the best means of improving the present Kunúr Ghát, and his proposal that steps should be immediately taken to improve the road surface, approved, and he was accordingly instructed to adopt measures for carrying it into effect. Captain Farewell to have the superintendence of the work...	6th Sept.	55, 96	484
<i>Salem and Yeracud Cattle Ghát</i> .—The destruction of a portion of the — by a heavy fall of rain, reported...	10th "	87, 88	498

GHÁTS AND PASSES.—(Continued.)

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	1860.		
<i>Canara, North. Kaiga Ghát.</i> —Government of India requested to allow the trace over the — to be regarded as extra to the amount allowed for the expenditure of the year... ..	13th Sept.	114—117	509
<i>Malabar. Kárhúr Pass as an approach to Wainád.</i> —Government agree with the Collector that the opening of the — would be highly advantageous and ought to be undertaken as early as possible... ..	19th „	196, 167	555
<i>Kurnool. Mantarála Pass.</i> —Chief Engineer's further report respecting the — with three letters from the District Engineer on the subject. Government prepared to make a further grant than the amount available if required for making a road over the Pass for wheel conveyances 12 feet wide. The Government also think it important that a yearly allowance should be given for the maintenance and gradual improvement of the road. The proposal to build a small bungalow and dig a well near Rallapenta, sanctioned. Government agree that the Pass should continue to be known by the name of the —. Instructions issued respecting the proper season for the prosecution of the work... ..	28th „	332, 333	621
<i>Canara, North. Kaiga and Barbul Ghát route.</i> —Information submitted regarding Captain Walker's acquaintance with the —, considered satisfactory by the Government of India... ..	3rd Oct.	49, 50	653
<i>Canara, North. Kaiga Ghát.</i> —The estimated outlay of Rupees 95,380 for a new trace over the — authorized to be entered in the Budget for 1861-62, the amount to be corrected on being furnished with the new plans and estimates... ..	1st Nov.	19, 20	835
<i>Toll Bars.</i> —Chief Engineer submits a revised Memorandum of — to be placed at some of the principal Gháts and Bridges. Communicated to the Board of Revenue... ..	2nd „	43, 44	849
<i>Malabar. Tambracherry or any other Pass.</i> —No toll to be levied on the — till it is completed and opened for traffic... ..	9th „	163, 164	906
<i>Canara, North. Kaiga Ghát.</i> —Chief Engineer recommends that the sanction of the Government of India be obtained for the advance of 10,000 Rupees for the trace of the — authorized by this Government, recorded... ..	10th „	173, 174	917
<i>Kurnool. Dupad and Dorend.</i> —Estimate of 9,900 Rupees for partially making, that is, for cutting side channels for drainage and for metalling and tunnelling only when urgently required, the road between — a distance of eighteen miles on the east side of the Pass, authorized for entry in the Budget of 1861-62... ..	12th Dec.	171, 172	1,156

GODAVERY.

<i>Haig, Captain, District Engineer Upper Godavery.</i> —Report of — on the Transit Operations on the Godavery from the period of Captain Stevens' arrival in April 1859 to the present time, to lie over.	23rd June	363, 364	183
<i>Barriers.</i> —The present Steamers prohibited from attempting the passage of the —			
<i>Do.</i> That some spot near the foot of the Diwalmari Barrier be fixed upon as the upper terminus of the transit.			
<i>Do.</i> That small Locks in the Sinterála Barrier be at once put in working order.			

GODAVERY.—(Continued.)

	Date of Proceed- ings.	Nos.	Page.
	1860.		
<i>Boats</i> .—That proper tow boats be provided, and a suitable system of towing be introduced.			
<i>Do.</i> —40 tow boats to be built, and the boats be stowed by the Steamers where practicable, and where not to be worked by sail and poling.			
<i>Do.</i> —The kind of boats proposed to be built by Captain Haig and their cost.			
<i>Channels</i> .—A certain sum annually to be appropriated to the maintenance of a good navigable channel through the shoals during the spring months.			
<i>Do.</i> —Of the river to be cleared of the Locks.			
<i>Charges</i> of superintendence and establishment to be reduced.			
<i>Freight</i> .—Every effort to be made to get return of —			
<i>Upper Locks at Dumagudiem</i> .—Failure to put the — in working order.	23rd June	363, 364	185
<i>Pilots</i> .—That a regular establishment of —, be entertained.			
<i>Salt Depôts to be established at Diwalmurri</i> .—Kunta on the Severi.			
<i>Salt Freight</i> for the the carriage of salt.			
<i>Shippers</i> to be insured against all risk.			
<i>Steamers</i> "Arthur Cotton," "Trevelyan" and "Shamrock." Work done by the —, amount of stores carried, &c. The expenditure on them from February 1858 to the present time, together with the liabilities up to 1st June 1860. Employment of more efficient Steamers suggested.			
<i>Rundall, Captain</i> .—Remarks of — on the report of Captain Haig on the Transit Operations on the Godavery.			
<i>Tariff</i> proposed for stores, &c.			
<i>Steamers</i> "Arthur Cotton," "Trevelyan" "Shamrock" and "the Rose" where to ply for the next season.	3rd July	31, 32	24
<i>Sinterd Barrier of the Godavery</i> .—Instructions of Home Government for commencing operations at the —, communicated to the Chief Engineer.			
<i>Nizam's State</i> .—Report of the District Engineer Upper Godavery, on the statistics of the strip of country belonging to the —, on the north bank of the Godavery, transmitted to the Government of India and to the Home Government. Vide "Taxes,"...	3rd July	37—40	27
<i>Improvement of the River</i> .—District Engineer's proposals for the —, approved...	6th "	107, 108	69
<i>Executors of the late Mr. Rundall</i> .—Tender of a Steam Engine by the — for the Godavery, declined...	7th "	131, 132	84
<i>Upper Godavery and the Delta Canals</i> .—Regarding the establishments necessary for the Vessels employed in the navigation of the —. Vide "Establishments,"...	7th "	135, 136	85
<i>Forrester & Co. of Liverpool</i> .—Recommendation for the purchase of a Steamer stated to have been sent out to this country by — considered premature as the Steamer had not yet arrived...	7th "	135, 136	85
<i>Boats built for the Pamben Works</i> to be transferred to the Godavery. Vide "Boats,"...	"	197—199	121
<i>Pensions to sufferers from accidents at the Godavery alluded to by Colonel A. Cotton</i> .—Chief Engineer forwards a Statement exhibiting up to what date, out of what private funds — were defrayed, certain portions of the pensions and gratuities awarded to the sufferers ordered to be made over to Colonel A. Cotton...	19th "	311, 312	174
<i>Dowlaiswaram</i> .—The death of a Cooly, named M. Devaya at — by accident reported. The Chief Engineer to report the amount of six months' pay at the new current wages of such labor at —	20th "	336, 337	184

GODAVERY.—(Continued)

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	1860.		
<i>Nizam's Government.</i> —Government of India intimate that instructions have been sent to the Resident at Hyderabad to negotiate with the — to transfer to the British Government of the Nizam's lands on the left bank of the Godavery, and the subject of the navigation of that river. Captain Haig to be sent to Hyderabad. ...	20th July	342, 343	186
<i>Watson, Mr.</i> —Renewal of contract granted to — for the transport of stores from the Godavery to Kamptee and Baddrachellum, fixed as the place for landing stores for the first year. Proposal of the Commissary General to send a portion of the stores by land from Masulipatam, disapproved, and Cocanada fixed as the landing Port for the Northern Division... ..	27th "	433—435	224
<i>Transit of Stores up the Godavery this season.</i> —Chief Engineer solicits instructions on the questions of the — Referred to the order of 27th instant... ..	28th "	450, 451	256
<i>Sinterala Barrier.</i> —Locks in the — reported to have been put into working order... ..	28th "	450, 451	236
<i>Establishments.</i> —The entertainment of temporary and permanent — connected with the works on the Godavery. Vide "Establishments."... ..	1st Aug.	7—9	259
<i>Sinterala Barrier on the Godavery.</i> —Government of India solicited for funds to prosecute the works at the — ...	1st "	10	264
<i>Haig, Captain,</i> representation made to the Government of India that the services of — will be lost unless a beginning can shortly be made on the works of the — as the Irrigation Company have offered him a post under them. Captain Haig considers that the work at both the <i>Sinterala</i> and <i>Enchampalli</i> Barriers may be completed in two years... ..	1st "	10	264
<i>Resident at Hyderabad.</i> —Government of India transmit copy of a letter of instructions forwarded to the — relative to the traffic on the Godavery and the right of His Highness the Nizam to levy duty thereon, as well as on the question of cession to the British Government of a strip of land on the left bank of the Godavery. Communicated to the Collector of Kistna District with instructions to institute the investigations directed in a former order... ..	1st "	11, 12	265
<i>"May Flower," Steamer.</i> —Departure of the — for the exploration of Upper Rivers, reported ...	8th "	90, 91	303
<i>Sinterala Barrier works.</i> —Travelling allowance granted to the Officer and Overseer employed on the preparatory Survey for the —	1st Sept.	1, 2	463
<i>Despatch from the Home Government.</i> —Approving of the observations made by the Governor General during his late journeys in Upper India on certain classes of Public Works, and what was said of the Barre Doab Canal was considered to hold good equally of the Irrigation works in the Kistna and Godavery Deltas. Communicated to this Government by the Government of India... ..	4th "	36, 37	474
<i>Tugs.</i> —Instructions issued by the Chief Engineer to the District Engineer of Godavery, for the manner of employing the two Sea Tugs recently put together at Dowlaishwaram, approved... ..	10th "	91, 92	499
<i>Central Delta of the Godavery.</i> —Rupees 13,781 sanctioned for three new works urgently required in the —	20th "	220, 221	

	Date of Proceedings.	Nos.	Page.
GODAVERY.—(Continued.)			
<i>Upper Godavery.</i> —Report on the navigation of the — and on the result of the transit operations carried on in 1859, to test the capability of the river as a cheap and efficient route for the carriage of Government Stores, &c., Government declined to assent to Captain Haig's entire scheme. The stores were to be taken to Baddrachellum only as already directed. Goods may be brought down in the returning Steamers, and passengers may be taken either up and down.	1860.		
<i>Rupees 25,000</i> granted for removing isolated rocks which impede the free navigation of the river, this sanction to be made available next season.	24th "	262—266	585
<i>Sanction</i> for the building of Boats declined; but the hiring of them permitted. Charge for carriage by Steamers fixed. Hire due for the carriage of Government Salt and of private goods should be punctually realized. All sums so received should be brought to account and to be disposed of only under the orders of Government. Minutes recorded by the Members of Government.			
<i>Government Stores.</i> —Chief Engineer furnishes particulars of — sent up the Godavery and the accidents that have taken place to Vessels. Minutes recorded by the Members of Government on the subject, with a suggestion that one of the Deputy Secretaries prepare a report on the result of the late experimental transit of stores by the Godavery...	24th "	267—272	589
<i>Home Government</i> desire that provision be made for the navigation of the Godavery, recorded.	1st Oct.	9, 10	636
<i>Bank Road.</i> —Ground required for the extension of the —. Vide "Lands."	2nd "	25, 26	643
<i>Nizam's Dominions.</i> —Resident at Hyderabad forwards an extract of a letter from the Secretary to the Government of India on the subject of the duty to be levied by the Nizam and the free navigation of the Godavery...	22nd "	289, 290	765
<i>Nizam's Territory.</i> —The Resident forwards an extract of a letter from the Government of India on the subject of Customs in the —. Communicated to the Chief Engineer.	26th "	343, 344	797
<i>Godavery.</i> —Contingent Bills of the District Engineer, for expenses incurred by him on His Excellency Sir Charles Trevelyan's visit to the District in October last, sanctioned.	27th "	359, 360	806
<i>Establishment</i> entertained for making surveys of the Canal at the Sinterala Barrier on the Godavery, and for examining certain Quarries, confirmed by the Government of India.	27th "	365, 366	808
<i>Steamers employed on the Godavery.</i> —A monthly statement of the — to be submitted. Vide "Steamers"...	29th "	378	812
<i>Steam Boat.</i> —Chief Engineer to state whether a — from the Godavery can be spared for a Steam Ferry above the Anicut, and whether such employment would probably be profitable...	29th "	378	812
<i>Tug Steamers taken from Coringa to the Upper Godavery.</i> —Chief Engineer assigns reasons why no provision was made for establishments for the two —. Chief Engineer to report what establishments are proper for them, in order to their being included with the rest in an application to the Government of India...	31st Oct.	409, 410	822
<i>Establishments</i> proposed for the vessels employed in the navigation of the Godavery. Vide "Establishments."	31st "	411, 412	823
<i>Funds for the operations in the Godavery.</i> —Chief Engineer reports that no — can be spared from the amount allotted for repair to the Godavery District.	31st "	413—415	827
<i>Application</i> made to the Government of India for a special grant of 50,000 Rupees for the purpose.			

	Date of Proceed- ings.	Nos.	
GODAVERY.—(Continued.)	1860.		
<i>Temporary Office Establishment granted to Captain Haig, payable out of the Godavery District funds, approved by the Home Government.</i>			
<i>Maintenance of 243 miles of navigation from Dowlaishwaram to Chinnore declined by this Government, approved by the Home Government.</i>			
<i>Navigation of the Godavery and its tributaries.—The decisions of this Government for certain expenditure applied for by Captain Haig to improve the —, approved by the Home Government.</i>	1st Nov.	1, 2	829
<i>Canal proposed to be constructed on the north bank of the Godavery.—Home Government intimate that no report has yet been received by them from the Government of India as to what progress has been made in the negotiations now pending with the Nizam's Government on the subject of the —</i>			
<i>Supplementary Indent for machinery and other plant required for the proposed works on the Godavery, promised to be complied with in full by the Home Government...</i>	1st "	15, 16	832
<i>Unserviceable articles in the various Ranges of the Godavery District.—Sanction granted for the sale of the—, the amount realized to be credited to "profit and loss"...</i>	1st "	17, 18	833
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Drawing showing the details of the proposed arrangement of the surplus Sluices for the first mile at Kurnool, recorded... ..	14th "	132, 133	529
Schemes proposed to be executed by the Company.—Observations of the Government of India on the —. The attention of the Company particularly called to paragraph 3 of the letter expressing a hope that no cause will be given either to the Nizam or Mysore Government to take exception to their proceedings on the ground of any infringement of the rights of either Governments... ..	14th "	136, 137	530
" <i>Thistle</i> ," Steamer.—Captain Rundall to state whether any adjustment has been made on account of the experimental trip of the — to the Pennair, and if not, to take immediate steps for effecting the adjustment... ..	18th "	172, 173	545
Agency of the Irrigation Company.—Correspondence on the subject of the — furnished to Mr. Tawse... ..	18th "	182, 183	552
Quarterly Statement of advances made to the Irrigation Company. The Acting Accountant General required to submit a —	20th "	222, 223	574
Home Government express a desire to receive the promised plans of the works proposed as the first to be undertaken by the Irrigation Company. Furnished... ..	21st "	228, 229	575
South Main Canal.—The number of people employed on the — and works connected with it, reported, recorded... ..	22nd "	246, 247	580
Instructions issued to the Deputy Collector Ragunada Row have already been furnished to the Agent of the Company.—As regards his request for papers connected with lands taken in Tanjore for Railway Mr. Hamnett's compilation containing the information will be furnished to Captain Rundall... ..	22nd "	248, 249	581

IRRIGATION COMPANY.—(Continued.)

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	1860.		
<i>Bramell, Mr., an Engineer in the employ of the Company.</i> —The support of Government solicited to uphold the Chief Engineer in suspending—pending the receipt of orders from the Board of Directors. Interference declined...	28th Sept.	344, 345	628
<i>Cotton, Colonel H. C.,</i> Chief Engineer to the Irrigation Company, claims a higher rate of salary. Ordered to be forwarded to the Secretary of State...	1st Oct.	11, 12	637
<i>Kurnool.</i> —Minute by the Honorable the President requiring a report to be submitted relative to the operations of the Company at—. Communicated to the Consulting Engineer for the early submission of the information required...	8th "	116, 117	688
<i>Kurnool. Temporary Dam across the Tumbaddra at.</i> —Consulting Engineer to explain how the—formed any part of the original scheme submitted to Government and sanctioned by them; also to state the cost of the Dam, as well as to report whether it is true that any part of the—has been carried away...	10th "	159, 160	703
<i>Do.</i> —Reply of the Consulting Engineer to the order of 8th October relative to the operations of the Company at— and promising to submit a Memorandum entering fully into the subject. The Memorandum required to be submitted as early as possible...	13th "	206, 207	722
<i>Do.</i> — <i>Temporary Dam at.</i> —Report of the Consulting Engineer of the Irrigation Company respecting the—recorded...	13th "	208, 209	722
<i>Establishment entertained up to 31st July last.</i> —List of—promised to be submitted at an early date...	18th "	259, 260	746
<i>Raichoor Doab in His Highness the Nizam's Territories.</i> —Government of India intimate that the wishes of this Government relative to the land required by the Irrigation Company in the—will be disposed of in the Foreign Department...	18th "	261, 262	746
<i>"Thistle," Steamer.</i> —The purchase or the employment of the—in the exploration of the Pennair, declined by the Irrigation Company. Instructions issued to the Chief Engineer regarding the—	19th "	275, 276	755
<i>Expenditure incurred and the work performed in the several divisions.</i> —Consulting Engineer reports on the—Information required whether the expenditure includes the salaries of the Agent, the Chief and other Engineers, and all their establishments. If not, the total of such charges should be given.	23rd "	297, 298	769
The expenditure on stores, and if possible the value of the stores expended should also be shown.			
<i>"Thistle," Steamer.</i> —The letter of the Consulting Engineer of the Irrigation Company regarding the expenditure incurred on account of the—, referred to the Chief Engineer for report...	26th "	334, 335	792
<i>Laeford, Lieut.-Colonel.</i> —Views of the Home Government on the questions raised by—as to the soundness of the data on which the Company's plan of operations is based...	1st Nov.	5, 6	830
<i>Guaranteed Capital.</i> —Instructions of the Home Government that the Company be not permitted to undertake any work the cost of which together with all other expenses of theirs, whether here or in England, cannot be defrayed out of their—	1st "	5, 6	830
<i>Accounts, Expenditure of the Company.</i> —Instructions of the Home Government that the—should be of such a form as to enable this Government to exercise an effectual control over their disbursements...	1st "	5, 6	830

IRRIGATION COMPANY.—(Continued.)

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	1860.		
<i>Members of the Public Works Department</i> who have been permitted to be employed under the Irrigation Company to be considered as special cases in future. Home Government require the parties to resign their appointments...	1st Nov.	7, 8	831
<i>Kurnool. Temporary Dam across the Tumbaddra.</i> —Home Government consider the Engineers of the Company entitled to great credit for the early completion of the— <i>Expenditure incurred by the Company.</i> —Further information respecting the—submitted by the Consulting Engineer...	1st "	17, 18	833
<i>Stores expended in the Agency Department</i> reported to amount to Rupees 1,724-1-2. The same to be reported to the Home Government...	2nd "	45, 46	851
<i>Raichoor Doab in His Highness the Nizam's territories.</i> —Government of India intimate that provision has been made for securing the land required for the Railway and the Irrigation Works in the event of—being restored to the Nizam...	2nd "	45, 46	851
<i>Engineers and Surveyors.</i> —Scale of allowances proposed for—in the service of the Company, sanctioned...	3rd "	58, 59	856
<i>Engineer to be attached to the Agent's Office.</i> —Information required why such an Officer is required...	3rd "	62, 63	857
<i>Smith, Mr. R., 1st Assistant District Engineer</i> of the Godavery Division, at present employed under the orders of the Irrigation Company. Extension of leave for six months granted to—	3rd "	62, 63	857
<i>Draughtsmen on the Establishments of the Agent and Chief Engineer of the Company.</i> —Application for—. Further information called for...	5th "	76, 77	861
<i>Kurnool.</i> —Collector to report as to the existing interests in the land required by the Company which is said to belong to the Rajah of Gudwall...	6th "	88, 89	870
<i>Mysore. Mairi Tank.</i> —Views of the Home Government on the proposition for entrusting the construction of the—to the Madras Irrigation Company...	6th "	92, 93	871
<i>Salaries of Servants of the Company</i> authorized to be paid on the last day of the month for which they are due...	7th "	104, 105	878
<i>Gordon and Buchanan, Messrs.</i> —Recommended for an increase of salary. Further information called for...	7th "	106, 107	879
<i>Kurnool.</i> —Consulting Engineer reports a material change which it has been found necessary to make in the plan of the works at—. The report, it was observed, should have come through the Agent to the Consulting Engineer, and laid before Government by him with his remarks. Captain Rundall to adopt this course with reference to the present proposal, also to explain his statement as to the hostility said to exist among the European community against the Company's operations at Kurnool. Minutes recorded by the Members of Government...	7th "	108, 109	879
<i>Office Establishment for the Consulting Engineer of the Company.</i> —Entertainment of a Muchi for the—sanctioned by the Government of India with an intimation that the Lascars required should be charged for in a contingent bill...	9th "	165-170	907
<i>Minute by the Hon'ble the President (Mr. Morehead.)</i> —Suggesting that the District Engineer should be kept fully informed of all plans of works to be executed in his District by the Company...	12th "	200, 201	927
	16th "	265, 266	966

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IRRIGATION COMPANY.—(Continued.)	1860.		
<i>Statement showing the entire permanent Executive Establishment of the Company as it stood on the 31st July 1860. The Consulting Engineer is requested to furnish explanation on certain points, and to submit a revised statement showing the establishment required, and distinguishing the portion sanctioned by the Board of Directors in England, the portion sanctioned at different times by this Government, that yet remaining to be sanctioned...</i>	16th Nov.	267, 268	967
<i>Agent for the Company distinct from the Chief Engineer.—Secretary of State to be informed that there must be an —. The salary of £500 considered insufficient for such an Officer...</i>	16th "	267, 268	967
<i>Entertainment of an Apothecary for the Kundár Division authorized...</i>	20th "	295, 296	990
<i>Board of Directors in England.—Consulting Engineer submits a letter addressed by the Chief Engineer of the Company to the —, sketching a scheme of works not to exceed in cost one Million Sterling to meet the refusal of the Secretary of State to allow an increase to the Guaranteed Capital. The revised scheme reviewed.</i>	20th "	311—315	999
<i>Orr, Major, appointed to report on the alteration proposed in the works of the Company.</i>			
<i>Kurnool.—Work on the Anicut and on the Navigation Canal which it is proposed to make from the Sunkasala Channel to the Kistna, authorized to be stopped pending Major Orr's report. Minutes recorded by the Members of Government.</i>			
<i>Bellary and Kurnool.—Secretary of State is of opinion that the Irrigation works in — ought to be selected for the operations under the guarantee...</i>	20th "	316, 317	1,011
<i>Kurnool.—Secretary of State is also of opinion that the navigation to connect — with the Presidency should be postponed...</i>	20th "	316, 317	1,011
<i>Budget for 1861-62.—Instructions furnished to the Consulting Engineer on certain points connected with the preparation of the —</i>	21st "	345, 346	1,018
<i>Lawford's, Colonel, observations on the projects of the Company...</i>	23rd "	377, 378	1,036
<i>Rundall, Captain, Consulting Engineer of the Irrigation Company is requested to make arrangements to meet Major Orr in the Kurnool District...</i>	23rd "	381	1,037
<i>Accounts from the commencement of the operations in February 1859 to September 1860,—Consulting Engineer submits in successive parts the monthly —. Noticed.</i>			
<i>Accounts of the preliminary expenditure to be submitted without delay.</i>			
<i>Accounts particular attached to the Accounts Current should be so prepared for the future that the former should exactly agree with and illustrate the latter.</i>			
<i>Accounts.—A want of right method in the — pointed out, with a request that they be corrected.</i>			
<i>Peons and other servants entered in the accounts for January and February without sanction, objected to.</i>	26th "	397—400	1,044
<i>Unauthorized Establishments paid under "Agency" and "Stores" to be included in the statement of preliminary expenses, with full explanation as to their necessity and the manner in which they have been employed.</i>			
<i>Agent to be permitted to make alterations in the establishments and salaries, declined.</i>			
<i>Bandy Allowance of Rupees 277-6-6 allowed up to September and charged to stores. Captain Rundall to submit explanation respecting the —.</i>			

IRRIGATION COMPANY.—(Continued.)

	Date of Proceedings.	Nos.	Page.
	1860.		
<i>Engineering Accounts.</i> —The unsatisfactory state of the — pointed out, with a request that the Consulting Engineer will, in communication with the Agent, report when the state of matters will be put an end to.			
<i>Store Accounts.</i> —Instructions issued as to how the — are to be kept.	26th Nov.	397—400	1,044
<i>Advances made for Family Certificates.</i> —Explanation required as to the principles on which such advances are made and what if any amount remains to be recovered.			
<i>Accounts.</i> —A greater punctuality in the submission of the —, expected.			
<i>Establishment for the Consulting Engineer of the Company.</i> —Civil Auditor enquiring whether the confirmation of the Government of India has been obtained for the —. Referred to the order of the Government of India of the 21st June 1860...	28th "	431, 432	1,071
<i>Kurnool.</i> Certain land on the banks of Tumbaddra required by the Irrigation Company.—Report of the Collector on — which belongs to the Rajah of Gudwall. Captain Randall to furnish full particulars relative to the land in question...	28th "	435, 436	1,072
<i>Randall, Captain F. H., Consulting Engineer,</i> reports that he purposes leaving Madras early next week to meet Major Orr at Kurnool, recorded...	30th "	468, 469	1,088
<i>Kurnool.</i> —Consulting Engineer reports that all works in progress at — has been put a stop to, recorded...	3rd Dec.	13, 14	1,094
<i>Agent's salary.</i> —Representation made to the Home Government respecting the — communicated to the Consulting Engineer and Agent...	4th "	33, 34	1,099
<i>Lawford, Lieutenant-Colonel, Consulting Engineer</i> defers entering further into the subject of the communication of — respecting the projects of the Company, recorded.	5th "	53, 54	1,105
<i>Engineer for the Agent's Office.</i> —Explanation of the Consulting Engineer why an — is required. An Assistant Engineer on a lower salary considered to be sufficient for the office...	7th "	74—78	1,113
<i>Draughtsmen on the Establishments of the Agent and Chief Engineer.</i> —Entertainment of — sanctioned...	7th "	74—78	1,113
<i>Survey Party</i> to commence operations at once in that part of Kurnool where the works of the Company are being constructed. Vide "Survey."	7th "	85, 86	1,118
<i>Orissa.</i> —Proposal of the Company to construct works of irrigation and navigation in —, without guarantee of interest from Government, submitted by the Government of India. Referred to the Chief Engineer and Board of Revenue for report...	7th "	91, 92	1,121
<i>Secretary of State</i> acknowledges two letters, Nos. 56 and 57, dated respectively 10th and 13th August 1860...	10th "	121, 122	1,136
<i>Statement</i> showing the sums disbursed at this Presidency on account of the Company from October 1859 to 30th September 1860. Transmitted to the Home Government...	12th "	158—160	1,146
<i>Agnew, Mr.,</i> reported to have resumed his duties as Agent of the Company on the 26th November 1860, recorded.	14th "	199, 200	1,166
<i>Mari Tank.</i> —Suggestion of Captain Randall that the plans and estimates connected with the schemes of the — being proceeded with as the Secretary of State might not object to it if by a modification of plans this can be done within the guaranteed capital. Referred to Major Orr...	22nd "	286—289	1,203

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IRRIGATION COMPANY.—(Continued.)	1860.		
<i>Kurnool Works.</i> —Captain Rundall submits explanatory Statements respecting the —			
<i>European Community of Kurnool.</i> —Captain Rundall explains his charge against the — as exhibiting “a decided hostility to the Company’s operations,” not considered satisfactory.	22nd Dec.	286—289	1,203
<i>Engineering accounts.</i> —Consulting Engineer reports the period within which the — will be adjusted, recorded...	22nd „	317, 318	1,218
IRRIGATION WORKS.			
<i>Tasmania.</i> —Governor of — requests to be supplied with certain papers on the subject of irrigation works, and enquires whether Officers of experience can be obtained from Madras for the conduct of the work. Papers furnished	10th Feb.	135—138	48
<i>Nellore.</i> —Collector of — applies for information as to the meaning of the order of 20th July 1859 respecting the duties of Ryots in connection with the security of works of Irrigation...	18th April	135, 136	111
<i>Chief Engineer’s</i> attention called to the remarks of the Government of India, and to report whether some reduction cannot be made in the sums allowed for the repair of irrigation works. Vide “Budget for 1860-61.”	11th May	21—23	117
<i>Nellore.</i> —District Engineer’s explanation with respect to the Collector’s letter regarding the interests of the Ryots in connection with works of irrigation. No orders considered necessary...	29th „	140, 141	255
<i>Bellary.</i> —District Engineer to furnish the Irrigation Company with information regarding the resources of irrigation works...	30th „	164, 165	282
<i>Board of Revenue</i> requested to give their opinion as to fixing the limit for small repairs to irrigation works to be executed by Ryots.....	5th July	97, 98	65
<i>Godavery District.</i> —Valagathudu Bill for the cost of two channels of irrigation from the Cocanada Canal excavated in 1858 by the Agent in charge of Messrs. Arbuthnot & Co.’s Sugar Estate at —, sanctioned...	6th Aug.	63, 64	290
<i>Despatch from the Home Government</i> approving the observations made by the Governor General during his late journeys in Upper India on certain classes of Public Works and what was said of the Baree Doab Canal was considered to hold good equally of the irrigation works in the Kistna and Godavery Deltas. Communicated to this Government by the Government of India...	4th Sept.	36, 37	474
<i>Madras District, Kesavaram Aicut.</i> —Board of Revenue to report in what manner and at what rate the proprietors pay for the irrigation supplied to the Zamindári and Shotriem villages. The same information to be furnished in respect to the Inám villages and lands...	5th „	42—44	477
<i>Godavery.</i> —Rupees 13,781 sanctioned for three new works urgently required in the Central Delta of the —	20th „	220, 221	571
<i>Kistna District.</i> —Board of Revenue bring to notice the unfinished state of the works in the —. The amount saved from repairs to be devoted to the great works now held in abeyance in the Godavery and Kistna Districts, as well as in connection with the Pennár and Pálar Aicuts. The Chief Engineer to recommend for each succeeding year, those works which he thinks it most expedient to undertake. The Chief Engineer to report in what Districts this deduction may best be made, and also on what new works of the numerous valuable projects now in abeyance or stopped short in the middle, the amount may most advantageously be expended...	18th Oct.	269, 270	749

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IRRIGATION WORKS.—(Continued.)			
	1860.		
<i>Funds allotted for the repair of Irrigation Works. Vide "Funds."...</i>	18th Oct.	269, 270	749
<i>Chief Engineer recommends an amendment in the Rules prescribing the amount to which village labour is required from Ryots in all cases of ordinary repairs. Referred to the Board of Revenue...</i>	8th Nov.	131, 132	894
<i>Home Government notice the large amount appropriated to repairs, and recommend that should the plan proposed for Tanjore and Trichinopoly of entrusting certain Irrigation works to the Collector of the Districts the same be extended to others...</i>	24th Dec.	370, 371	1,285
J.			
JAILS AND PRISONS.			
<i>Kurnool. Jail and Judicial buildings at —, plan and estimates of the — called for...</i>	3rd Jan.	22, 23	9
<i>Salem.—Jail and Court Houses, estimate for the completion of — to be included in the Budget...</i>	4th "	51, 52	17
<i>Salem.—Delay in reporting on the subject of expenditure upon the Jail at — explained...</i>	7th "	117, 118	73
<i>Salem.—Rupees 35,170 in lieu of Rupees 29,500 authorized to be entered in the Budget of 1860-61 for the completion of the Jail at —, ...</i>	20th "	131, 132	220
<i>Paumben.—The Officer acting for the one in charge of the works at — directed to take charge of the Jail also at that place...</i>	10th Feb.	141, 142	51
<i>Salem.—Supplemental estimate for the Jail at — submitted for the sanction of the Government of India...</i>	24th "	46-48	217
<i>Jackatalla.—Construction of the Military Prison at — delayed on account of the iron piping. Communicated to the Military Department...</i>	27th "	85, 86	237
<i>Do. Military Prison.—Sanction of this Government for the construction of a — confirmed by the Government of India with observations with respect to the future construction of Central Military Prisons and of adapting the present into such a one.</i>	2nd Mar.	19-21	11
<i>Upper India.—The attention of the Government of India re-called to the information requested as to the system adopted to secure warmth in the Military Prisons at the Hill stations in —,</i>			
<i>Cuddapah.—Bill for constructing stone urinals in — Jail sanctioned...</i>	14th "	23, 24	83
<i>Gindri Jail.—Bill for raising the partition wall of the — for the use of the Collector's treasury, sanctioned ..</i>	19th "	127, 128	122
<i>Report and summary submitted by the Chief Engineer as to what means are best adapted for the removal of urine and filth from Barracks and Jails, reviewed...</i>	29th "	105, 106	177
<i>Salem Jail —10,000 Rupees advanced for the completion of the works required for the —, ...</i>	4th April	29, 30	7
<i>Madura.—Chief Engineer to report what has been done in respect to the preparation of a plan and estimate for a new Jail at —, ...</i>	4th "	78, 79	82
<i>Salem.—Report of the District Engineer regarding the daily removal of sewage from Barracks and Jails, recorded.</i>	14th "	53, 54	76
<i>Madura.—Objections of the Inspector General of Jails to the plan and estimate for the Jail at — reported...</i>	1st May	4, 5	1
<i>Punjab. Military Prisons all —, system adopted to secure warmth in the — reported by the Government of India, communicated to the Chief Engineer...</i>	2nd "	39, 40	23

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JAILS AND PRISONS.—(Continued.)			
	1860.		
<i>Gindī Jail.</i> —President's Minute in view to the Chief Engineer being called on for an estimate for the proposed improvements to the — communicated to the Chief Engineer... ..	10th May	160, 161	91
<i>Ootacamund Jail.</i> —A further advance of 8,000 Rupees sanctioned on account of the —	30th "	170, 171	283
<i>Salem. Sewage of the Jail at —</i> , District Engineer reports his inability to suggest a better method of removing the —, recorded... ..	15th June	230, 231	108
<i>Ootacamund.</i> —Relative to the progress made in the Jail for Europeans at —	16th "	270, 271	123
<i>Kurnool. Nandhal.</i> —Chief Engineer reports that plan and estimate for a Jail at —, will be called for from the District Engineer. Communicated to the Judicial Department... ..	25th "	386, 387	220
<i>Prison Rooms in various Kacheris.</i> —Proceedings of the Judicial Department concurring in the opinion of the Chief Engineer in regard to the preparation of estimates for the repair and improvement of the existing —, communicated to the Chief Engineer... ..	24th July	398, 399	212
<i>Nelgherri Hills.</i> —Proceedings of the Judicial Department enquiring what has been done towards the preparation of a plan and estimate for a prison on the — for European Convicts, communicated to the Chief Engineer... ..	31st "	494, 495	253
<i>Nelgherry Hills. Prison for Europeans.</i> —Chief Engineer reports that instructions have been issued for the preparation of a plan and estimate for the — communicated to the Judicial Department... ..	11th Aug.	125, 126	314
<i>Jakatalla. Military Prison at —</i> , shipment of the furnace and iron piping for the — reported by the Home Government... ..	15th "	167, 168	333
<i>Salem.</i> —Proceedings of the Judicial Department bringing to notice the delay in the construction of the Jail at — referred for the report of the Chief Engineer... ..	21st "	288, 289	376
<i>Do.</i> —Explanation of the Chief Engineer to the above submitted... ..	30th "	406, 407	455
<i>Trichinopoly.</i> —Guard-room accommodation at — Proceedings of the Military Department, bringing to notice the want of — communicated to the Chief Engineer... ..	30th "	402, 403	453
<i>Establishments</i> entertained in Jail for guarding or instructing manufacturing Prisoners, or for other purposes, not to be brought under the operation of the orders of the 30th March last. Vide "Establishments."	31st "	416, 417	459
<i>Canara, North. Honore Jail.</i> —Inspector General of Jails complaining of the delay in completing the new —, referred to the Chief Engineer for report... ..	4th Sept.	34, 35	474
<i>Do.</i> —Chief Engineer's reply to the above submitted... ..	18th "	180, 181	552
<i>Remarks</i> of the Inspector General of Jails in his report for 1858-59 on the unsafe state of some Jails, communicated to the Chief Engineer... ..	9th Oct.	141, 142	697
<i>Salem.</i> —Supplemental estimate amounting to Rupees 50,170 for the construction of the Jail and Court Houses at — sanctioned by the Government of India. Chief Engineer to report what sum he can allot in the present year for continuing the work... ..	3rd Nov.	56, 57	854
<i>Ootacamund.</i> —The Chief Engineer is directed to place 3,000 Rupees at the disposal of the Inspector of Jails to enable him to continue the building of the Jail at —	8th "	127, 128	892
<i>Salem.</i> —Chief Engineer reports that provision has been made in the Budget of the current official year to the extent of Rupees 20,170 for the new Jail at —, and of Rupees 12,500 for the Court Houses for the Civil and Subordinate Judges of that District, recorded... ..	22nd "	361, 362	1,028

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JAILS AND PRISONS.—(Continued.)			
	1860.		
<i>Military Prisons at Hill Stations.</i> —Government of India furnish all the information available on the subject of warming — communicated to the Chief Engineer... ..	28th Nov.	447, 448	1,076
JUNGLES.			
<i>Vizagapatam.</i> —Estimate for clearing jungle between Parvatipur and Narainapatnam. Vide "Roads."	4th May	59, 60	34
<i>Canara, North.</i> —Guersappa jungle, clearance of the — deferred... ..	10th July	179, 180	112
K.			
KACHERIS.			
<i>Mangalore. Collector's Kacheri.</i> —Estimate for re-building a part of the — sanctioned. Removal of the Kacheri to the Hill where the Judge's Court is to be, deferred pending the inspection of the site by the Governor... ..	4th Jan.	39, 40	13
<i>Cuddapah. Taluq Kacheri at Kudari.</i> —Estimate for repairing the —, to be entered in the Budget... ..	6th "	101, 102	59
<i>Chingleput. Taluq Kacheri at Madavantakum.</i> —Erection of a new Kacheri promised to be sanctioned when funds shall be forthcoming; necessary repairs sanctioned for the present... ..	9th "	132, 133	77
<i>Bellary.</i> —Huzur Kacheri at —, repairs to the Native Record-room in — sanctioned... ..	10th "	152—154	85
<i>Nellore.</i> —Construction of a dry lattice stone wall round the Collector's Kacheri sanctioned... ..	18th "	78, 79	197
<i>Chingleput. Homes' Gardens.</i> —Estimates for converting it into a Kacheri for the Collector of —, to be entered in the Budget of 1860-61... ..	20th "	119, 120	215
<i>Bellary. Hivenhadgalli.</i> —Estimates for a 2nd class Kacheri at —, declined... ..	27th "	125, 126	277
<i>Nellore.</i> —Collector's Kacheri at —, reporting the rate at which the extra establishment is paid for the construction of a wall round the — recorded... ..	30th "	175, 176	302
<i>Huzur and Taluq Kacheri.</i> —Orders of Government regarding the defensibility of the Collector's — communicated to the Commander-in-Chief... ..	31st "	191, 192	311
<i>Ganjam Chatspar.</i> —Plan for additions to the Collector's Kacheri at —, work deferred till the following season... ..	4th Feb.	52, 53	15
<i>Chingleput.</i> —Peshkar's Kacheri at Sriharikota in —, entertainment of a cooly to watch the materials collected for the —, declined... ..	9th "	125, 126	43
<i>Cuddapah.</i> —Old Choultry at Chintagunta in —. Estimate for its conversion into a Kacheri, sanctioned... ..	15th "	37, 38	70
<i>Bellary. Hivenhadgalli Taluq Kacheri.</i> —Explanation of the Engineer for proceeding with the —, considered inadmissible. Revised estimate sanctioned... ..	29th "	113, 114	245
<i>Tanjore. Kuttalam.</i> —Extension of the Taluq Kacheri at sanctioned... ..	29th "	115, 116	246
<i>Canara South. Mangalore.</i> —Collector's Kacheri at — to be executed forthwith... ..	9th March	115, 116	70
<i>Chingleput Trivatur.</i> —Estimate for a 3rd class Taluq Kacheri at — postponed... ..	10th "	131, 132	75

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KACHERIS.—(Continued.)			
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<i>Chingleput. Striharikota.</i> —Requesting the employment of a watchman over the materials collected for the Peshkār's Kacheri at, referred to Mr. Pelly... ..	29th March	113, 114	187
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Flockhart, Mr., Mechanical Engineer in charge of the Presidency Departmental Workshop.—Rupees 50 per mensem authorized to be offered to — on account of the College Students under his professional superintendence. The result of the offer to be reported to Government and information also required as to the nature of the instruction afforded to the class and generally the progress attained by the Students. ...	26th "	403, 404	1,050
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<i>Canara, North.</i> — <i>Kumaravada in the Supa Taluq</i> of — Estimate for constructing a tank at — for supplying water to the Police force. Further information called for... ..	18th June	290, 291	132
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<i>Sedashghur.</i> —Opinion of the Secretary of State on the question of establishing a new Port at — and of opening communications with it from the interior, communicated to the Chief Engineer... ..	7th Feb.	89, 90	27
<i>Beypoor.</i> —Views of the Secretary of State relative to the proposed formation of a boat harbor at — and prefers a short canal from — to Ponany... ..	8th „	118	39
<i>Beypoor.</i> Boat Harbour at —. Estimate for the formation of a — declined by the Government of India until further information is furnished. Communicated to the Chief Engineer... ..	19th March	120—122	114
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<i>Sweny, Lieutenant,</i> directed to proceed with the survey of the Southern Coast of this Presidency, and that the survey of the ports of the Kistna and Godavery Districts be deferred... ..	16th „	94, 95	99
<i>Canara.</i> <i>Sedashghur Harbour.</i> —The papers relating to the project for construction to be transmitted to the Secretary of State. Estimate of 51,000 Rupees sanctioned for the landing and shipping Pier. Chief Engineer to report whether screw piles would not be better in lieu of incurring a charge of 20,000 Rupees for a Pile Driving machine... ..	25th „	70, 71	180
<i>Cocanada.</i> —Further information called for by the Home Government respecting the improvement of the Town and Port of — and the omission of a plan of the project, noticed. Referred to the Chief Engineer... ..	2nd May	22, 23	12
<i>Kali Nadi of Tuddri Harbour of Honawar.</i> —Plans prepared by Lieutenant Taylor, Indian Navy, of the — requested from the Bombay Government... ..	4th „	65	37
<i>Negapatam Port.</i> —Colonel Lawford's plan for the improvement of the —. An estimate of the works called for... ..	16th „	84, 85	146
<i>Negapatam Harbour.</i> —Estimates for repairing the works of the — sanctioned by the Central Offices, recorded... ..	1st June	7, 8	4
<i>Ganjam.</i> Port of <i>Calingapatam</i> should be brought under the operation of Acts XXII of 1855 and VII of 1858... ..	2nd „	24, 25	13
<i>Negapatam Harbour.</i> —Collector and the District Engineer of Tanjore as well as the Chief Engineer of the Great Southern Railway appointed to be Members of a Committee to report on the measures necessary for the improvement of the —... ..	5th „	60—63	46
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<i>Kali Nadi of Tuddri Harbour of Honawar.</i> —Plans of the — promised by the Bombay Government to be forwarded by the first steamer. Communicated to the Marine Department... ..	25th „	390, 391	222

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<i>Negapatam Harbour</i> .—Chief Engineer reports what has been the cost of putting up the Dredger for the — and when it is likely to be ready, recorded...	20th Aug.	261, 262	366
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<i>Cannara, South</i> .—Gurpur mouth of the Mangalore Harbour. No project for closing the — should be sent up to Government without very careful consideration ..	21st „	338, 339	1,016
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<i>Public Works Department</i> .—Representing the inconvenience the Members of the — are put to in registering their letters when at a distance from a Post Office. Referred to the Public Department...	16th „	62, 63	94
<i>Deputy Post Masters</i> of the nearest Post Offices permitted to make the necessary entries in the Registers of letters, &c., sent to them daily by the Subordinate Members of the Department Public Works. Communicated to the Chief Engineer...	13th April	39, 40	71
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<i>Public Works Department</i> .—Autographic Press formerly belonging to Ganjam, and now in the Arsenal at Madras, authorized to be transferred to the —	16th March	66, 67	95

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Superintendent of the Government Gazette Press, intimates that the Forms of the Department Public Works could be printed at his Press. Communicated to the Chief Engineer...	29th March	119, 120	188
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Wellington.—District Engineer's report on the Peat Presses at —. The Presses to be sold if any thing like a fair price can be obtained for them...	2nd July	5, 6	4
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<i>Tanjore. Devakotli Aigen, temporary Gunashta.</i> —Authority solicited for passing the salary of —. Referred to the Public Department... ..	29th "	107, 108	180
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<i>Traffic Returns of certain Stations for 1858.—Explanation of their non-submission earlier, recorded.</i>	30th "	155, 156	290
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<i>Returns of probable increase of revenue</i> when required they should be asked for by the District Engineer before the estimate is sent to the Collector, and where a District Engineer considers that a work should be executed immediately the circumstance should be notified to the Collector. ...	20th April	175, 176	144
<i>Coimbatore</i> .—Collector of — to specify in his annual Jambandi Reports the amount of the Land Revenue demand at the several stations on the Nilgiri Hills, and the amount collected. ...	6th June	80, 81	52
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<i>Kuan</i> .—The report of the Chief Engineer that the dredge lately undergoing alterations will shortly be in readiness to work on the —, dredging a channel for the "Progress" approved. The cutting of a navigable channel for a further distance than at present intended to be taken into consideration after the completion of the present work.	12th "	173, 179	89
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<i>Madura.</i> —Chief Engineer recommends that the Zamindar of Shevsganga be permitted to undertake the repair of roads at his own expense within his charge. Referred to the Collector... 20th "	125, 126	217

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<i>Railway Feeders.</i> —Salem to Terramungalam, Palghat to Cuttugodi, Wattapollum to Cherpulcherry, Ponany to Mullapooram, sanctioned for entry in the Budget of 1860-61... ..	30th "	166, 167	299
<i>Arcot to Arnee.</i> —Road from —, as a Railway feeder, to be excluded from the Budget of 1860-61... ..	31st "	193, 194	312
<i>Trichinopoly to Keri.</i> —Reporting on the condition of a portion of Trunk Road No. 8 and on the road from —. Communicated to the Post Master General... ..	7th Feb.	97, 98	30
<i>Salem. Railway Feeders.</i> —Engineer representing the corrected amount that ought to be advanced to him for the —. Communicated to the Collector and the Government of India... ..	7th "	103—105	32
<i>Salem. Tripatur and Mullapadi on Trunk Road No. 1.</i> —Representation of the difficulty in procuring labor for its completion. Communicated to the Financial Railway Department... ..	8th "	112, 113	37
<i>Malabar.</i> —Road from Calicut via Maudur to Palghat. 10,000 Rupees sanctioned to be advanced for its completion. The same reported to the Government of India... ..	11th "	1—3	53
<i>Road from Viçagapatam to Jeypore.</i> —authorized at the expense of the Zamindar of Jeypore... ..	15th "	33, 34	66
<i>Cooldipah.</i> —Chief Engineer to report on the bad state of the roads in —	20th "	83, 84	85

ROADS.—(Continued.)

	Date of Proceed- ings.	Nos.	Page.
	1860.		
<i>Ganjam. Russelconda, Koinjira and Shonpore Road.</i> —Views of the Secretary of State on the observations of this Government as to the indulgence and forbearance due to Engineer Officers on such a work as the — 20th Feb.		85	87
<i>Ganjam. Aska and Berhampore road.</i> —Its completion and exemption from the levy of tolls approved by the Secretary of State... 20th „		85	87
<i>Cannanore into Mysore.</i> —Supplemental estimate for metalling and completing Trunk Road No. 4 from —, including the Perambadi Ghât, submitted for the sanction of the Government of India... 21st „		1—7	95
<i>Mainbar. Nallapooram to Ponani.</i> —Estimate for the construction of a cart road from —, submitted for the sanction of the Government of India... 21st „		1—7	95
<i>Nellore. Northern Trunk Road.</i> —Report of the damages done to the —. The repairs urgently needed to be proceeded with... 21st „		8, 9	201
<i>Bund practice ground on the South Beach.</i> —Rupees 1,023-12-0 for metalling the space between the platform and the roadway near the —, sanctioned... 27th „		89, 90	237
<i>Railway Feeders.</i> —The Board of Revenues are informed that all the roads which the Chief Engineer after communication with District Engineers and Collectors and Consulting Engineer for Railways, has recommended for construction in 1860-61 as — have been entered in the Budget of that year... 28th „		101, 102	240
<i>Tanjore.</i> —Salt roads from Trivenkand to Tranquebar and Shiyalli and to Neydavasal, sanctioned... 29th „		115, 116	246
<i>Salem. Railway Feeders.</i> —Additional charge in excess of the grant of sixty-seven lakhs per annum for 1859-60, and 1860-61 for opening out for traffic certain roads and bridges in — important as —, sanctioned by the Government of India... 2nd March		17, 18	11
<i>Malabar. Calicut to the foot of the Tambracherry Ghât.</i> —Report of the Chief Engineer on the road from — transmitted to Messrs. Leckie & Co., Bombay... 2nd „		24, 25	13
<i>Arcoot, South. Road from Markanam to Tindivanam.</i> —Proceedings in the Revenue Department noticing that improvements are required to the — as well as the roads in the neighbourhood of the two central pans, recorded... 3rd „		66, 67	34
<i>Godavery District. Trunk Road No. 6 between Nallacherla and Tuni.</i> —Requisition for a revised estimate for the construction of —, authorized to be removed from the list of unanswered references... 10th „		121, 122	72
<i>Ganjam.</i> —Director General Post Office describing the condition of the Northern Trunk Road from Cluacole to Berhampore at —. Its repair authorized... 10th „		129, 130	74
<i>Chingleput. Road from Tricudar to Puduvail.</i> —Recommending the removal of the order from the list of unanswered references respecting the —, complied with... 13th „		7, 8	78
<i>Madura.</i> —Intention of the Zemindar of Shevaganga to repair theroads in his Estate in a substantial manner, approved. 17th „		101, 102	110
<i>Tolls.</i> —Return of the gross receipts and cost of collections of all tolls on roads in 1858-59 called for by the Government of India —. Communicated to the Chief Engineer. 17th „		118, 119	114
<i>Godavery and Kistna Districts.</i> —Reallotment of the discretionary funds for the repair of roads in —, sanctioned. 19th „		137, 138	125
<i>Malabar.</i> —Remarks of the Government of India on the advance sanctioned by this Government for the completion of the road from Calicut via Mandur to Palghat. 21st „		9, 10	140
<i>Arcoot, South. Salt road, Markanam and Tindivanam.</i> —The repair of the — authorized from the General Repair Funds of the District... 28th „		86, 87	170

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	1860.		
ROADS.—(Continued.)			
<i>Cuddapah.</i> —Order of 29th March 1859 respecting the opening of a wheel track into certain valleys near Gulcherra, authorized to be removed from the list of unanswered references...	29th March	109, 110	186
<i>Madura.</i> Road between Dindigal and Palni.—The irrecoverable balance due on the estimate for the repair of the —, ordered to be written off to "profit and loss"...	2nd April	7, 8	3
<i>Timerville.</i> Cotton road in the neighbourhood of Tuticoria. Chief Engineer's attention drawn to a previous order calling on him for a report as to the best method of its construction...	4th "	29, 30	7
<i>Madura, Salem and Coimbatore.</i> —Chief Engineer's attention drawn to the bad condition of the road at —, noticed by the Governor.			
<i>Malabar.</i> Wainad.—Chief Engineer's attention drawn to the remarks of the Governor respecting the opening of the cart roads in —, and to suggest the mode in which that object may be carried out.			
<i>Malabar.</i> Calicut to the foot of the Tambracherri Ghât.—Report on the present condition of the roads from —. Communicated to Messrs. Leekie, & Co. The Chief Engineer to recommend such maintenance for the road as he may deem suitable. Rupees 1,639 sanctioned for making the bridges safe for the Traction Engine.	4th "	37, 38	19
<i>■ Ganjam.</i> —Estimate for the construction of a new branch road from the Northern Trunk Road No. 6 to the port of Mumsoreotta or Gopelpore sanctioned. Chief Engineer to submit a Memorandum of the annual maintenance to be allowed for this road...	5th "	90, 91	46
<i>Canara, North.</i> <i>Supa Taluk.</i> —Certain grants authorized for roads in the —, to be charged to the special fund set apart in the Budget of 1860-61, for unforeseen expenditure.	12th "	23, 24	55
<i>Hallid and Sedasheghur.</i> —Home Government express a hope that funds have been made available for the completion of the road between —, communicated to the Chief Engineer.	13th "	25, 26	56
<i>Home Government's</i> views as to the expediency of maintaining or completing Trunk Roads running more or less parallel to Railways, in course of construction, or to be constructed hereafter...	13th "	27, 28	57
<i>Nizam's Frontier.</i> —Views of the Home Government respecting the maintenance of the road from Masulipatam and Ibrahimpatam to the —, and are of opinion that the taxes levied there on the trade of the road should cease immediately and altogether. Communicated to the Chief Engineer...	13th "	34A 34B	69
<i>Chief Engineer requests the decision of Government regarding certain roads.</i> —More specific information called for...	16th "	77, 78	95
<i>Chepauk compound.</i> —Repairs to the roads in the —, sanctioned...	20th "	167, 168	142
<i>Bellary to Gooty.</i> —The attention of the District Engineer called to the requisition of an estimate to complete the road from —.	27th "	103, 104	202
<i>Bellary.</i> —Explanation regarding the outlay sanctioned for the Cantonment road at —, furnished...	2nd May	20, 21	12
<i>Trichinopoly.</i> —Post Master General represent the bad state of the roads at —, referred to the Chief Engineer...	3rd "	55, 56	33
<i>Cuddapah.</i> Road from Royachetty to the North West Railway Station at Royampett.—Construction of a — approved by the Home Government...	3rd "	57, 58	34

ROADS.—(Continued.)

	Date of Proceedings.	Nos.	Page.
	1860.		
<i>Vizagapatam</i> .—Chief Engineer to take measures to examine the new route to Jeypore via the Golkonda and Harris' valley. Mean while the Parvatipur line to be stopped.	4th May	59, 60	34
<i>Maintenance allowance</i> of the first 32½ miles of Trunk Road No. 6, between Madras and the Kortaliar river, to be reduced from 1st May 1860...	4th "	66, 67	37
<i>Nellore</i> .—Road from Tada to the Trunk Road, authorized.			
<i>Do. Doorgarazapattam to Gudur</i> .—A part of the sum set free from the maintenance allowance of Trunk Road No. 6 for 1860-61, to be given to the improvement of the road from —.			
<i>Godavery District</i> .—Different lines of roads sanctioned from the proceeds of the lands sold at the port and town of Cocanada.	7th "	106, 107	59
<i>Vizagapatam. Road from Palkonda at Chergerpalli</i> .—Chief Engineer to report what maintenance allowance is to be granted for the —	8th "	124, 125	67
<i>Do. Bimlipatam and Chittavalsu</i> .—Repair allowance of 100 Rupees a mile for four miles of road between —, sanctioned.			
<i>Do.</i> The bad state of the roads in the District of — noticed, and the orders issued by the Chief Engineer on the subject, approved.			
<i>Kunur and Jackatolla to Ootacamund</i> .—Government of India is informed that the estimate for metalling road and constructing parapet walls between — had received their sanction on the 13th August last.	11th "	21—23	113
<i>Cuddapah. Road from Venkataramraipet to Rayachoti</i> .—Government of India is informed that estimate for the —, had received their sanction. Vide Budget for 1860-61.			
<i>Punjab Government</i> .—Suggestions of the — regarding the most judicious appropriation of local funds in the construction and repair of roads. Communicated by the Government of India.	15th "	76, 77	144
<i>Arcot, North. Road from Arcot to Arnee</i> .—Estimate for the construction of a road from —, sketch plan of the road called for.	16th "	86, 87	149
<i>Bellary to Gooty</i> .—Chief Engineer reports that the road from — is provided with a repair allowance. Communicated to the Board of Revenue.	19th "	134, 135	185
<i>Draft Notification</i> embracing a Resolution on the subject of Tolls on Imperial roads, which is to be published at Calcutta in connection with the imposition of new taxes, forwarded by the Government of India. Communicated to the Board of Revenue and Chief Engineer.	21st "	15, 16	196
<i>Godavery</i> .—Suggestion of the Chief Engineer for establishing a right of way of at least 15 feet in breadth along the river bank. Further explanation called for from the Chief Engineer.	22nd "	24, 25	202
<i>Vellore to Arnee</i> .—Estimate for restoring and completing the road from —. Chief Engineer to report what maintenance should be granted for the road.	22nd "	32, 33	210
<i>Malabar. Calicut to the foot of the Tambracherri Ghat</i> .—Annual maintenance allowance of the road from —, a distance of 27 miles, sanctioned.	23rd "	48, 49	219
<i>Malabar Wainad</i> .—Director of Revenue Settlement recommends that his Deputy Mr. Thomas may be allowed a special grant for the purpose of mending the worst part of the roads at —, declined.	26th "	102, 103	259

ROADS.—(Continued.)

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	1860.		
<i>Feeders to the South Western Railway.</i> —Seven roads proposed to be made as—Plans and estimates sanctioned to be prepared with the exception of two of them, viz., from Darapuram to Palladam, and from Coimbatore to Sattiyamangalam. ...	26th May	104, 105	240
<i>Kunur, Jackatalla and Oolacamund.</i> —Expression of regret of the Government of India in overlooking when communicating their orders on the Budget of 1860-61, that the estimate for metalling the road and constructing parapet walls between — had been sanctioned by them, recorded. ...	28th „	122, 123	250
<i>Arcot, North.</i> —Trunk Roads Nos. 1 and 10. A further diminution in the maintenance allowance for —, recommended. Referred for the opinion of the Acting Collector with respect to No. 10. ...	31st „	172, 173	285
<i>Do. Alaganagar to the Aricut.</i> —Annual allowance to the road from —, considered unnecessary to be continued ...			
<i>Do.</i> Proposal for transferring the maintenance allowance of certain roads from the general funds to the local fund. Referred for the opinion of the Acting Collector. ...			
<i>Do. Railway Feeders.</i> —Acting Collector to report direct to what extent and in what cases any part of the local fund has been devoted to the formation of — ...			
<i>Ganjam. Bengal frontier and Huma via Ramba.</i> —Explanation called for as to what has become of the estimate for improving the road between the — ...	2nd June	24, 25	13
<i>Vizagapatam. Chittivasa road.</i> —In forwarding again estimates for the — the remarks of Major Horsley on the approach to the Nagolia bridge at Chicacole to be borne in mind. ...			
<i>Tanjore.</i> —Estimate for repairing certain roads in — sanctioned, the cost being defrayed from the repair funds of the District. ...	4th „	45, 56	32
<i>Coimbatore.</i> —District Engineer of — called upon to explain why the funds proposed to be transferred by him to the Wellington Barracks were not spent in the repair of the roads in —. ...	7th „	106	64
<i>Southern Trunk road.</i> —Chief Engineer reports that portions of the — brought to notice by the Postal Department are about being repaired. Communicated to the Post Master General. ...	8th „	122, 123	71
<i>Ganjam. Ghât and Trunk road between Ramba and the Bengal frontier.</i> —Rupees 2,500 authorized to be expended for improving the —. As there are no funds for improving other parts of this Trunk Road, only such portions that are very bad are to be attended to. ...	9th „	132, 133	75
<i>Do.</i> Branch road from Raganadapuram on Trunk Road No. 6 to Masulipatam on the cross road leading to the port of Mansurkottâ in —. Orders of the 5th April 1860 for the construction of the —, cancelled. ...			
<i>Malabar. Carriage road to the Wainad District by the Talacherri Ghât.</i> —Estimate for opening a — declined for want of funds. ...	9th „	145, 146	79
<i>Bellary.</i> —The salary of the Superintendent of the working parties on the roads in the Cantonment of — to be paid from the repair funds of the District, unless the Chief Engineer can suggest any better arrangement ...	13th „	204, 205	101
<i>Salem. Tripatur and Mullaypati.</i> —The road between — reported to be much injured and rendered impassable. Communicated to the Post Master General. ...	16th „	264, 265	123
<i>Jaulnah.</i> —Resident at Hyderabad sanction a monthly sum on account of the repair of roads in —, and the conservancy of the Cantonment of Jaulnah, recorded. ...	18th „	280, 281	130

ROADS.—(Continued.)

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<i>Coimbatore. Roads from Kunur and Wellington to Ootacamund and from Venkatarampurpet to Royachoty.</i> —The proposed expenditure upon the —, approved by the Government of India subject to the limit of sixty-seven lacs.	1860. 20th June	328, 329	163
<i>Wamad.</i> —Commissioner of Mysore requested to state whether he is willing to contribute to the improvement of the roads and passes at —.	26th "	410	229
<i>Bellary to Gutti.</i> —Chief Engineer's report on the present state of the road from —, recorded.	27th "	429, 430	240
<i>Return of roads</i> regarded as "Imperial" and not "Imperial" in each District, with the exception of Nellore, submitted by the Board of Revenue, recorded.	28th "	452, 453	251
<i>Tinnevely with Tuticorin.</i> —Estimate for a good metalled road to connect the Trunk Cotton road in — in preference to a Railway, authorized to be entered in Statement No. 1 of the Budget for 1861-62.	29th "	470—473	265
<i>Mullapatti to the Mysore Frontier.</i> —Chief Engineer to adopt means for improving the road from — and to report how it happens that the road has been allowed to fall into the condition as represented by the Post Master General.	29th "	477, 478	267
<i>Vizagapatam to Jeypore via Galipareatam and Uvada.</i> —Collector authorized to resume the work of the opening of a road from — on the understanding that the Jeypore Rajah does not object to the appropriation of the 5,000 Rupees to that object.	2nd July	1, 2	1
<i>Vellore to Arnee.</i> —Chief Engineer solicits further instructions respecting the prosecution of the road from —. To await the opinion of the Collector called for on the 31st May 1860.	3rd "	29, 30	23
<i>Canara, North. Hallial to Jaggiapet.</i> —Bill of emergency for repairs to the road from —, sanctioned. Conservator of Forests to report whether timber carts of proper construction cannot be made and used on this road instead of those represented to be so destructive. The Collector to report whether the cost of repairs of this road should not be charged to the Forest Department.	4th "	64, 65	43
<i>Coimbatore.</i> —Chief Engineer reports the call he has made on the District Engineer of — for the early submission of the explanation called for respecting the neglected state of the main and other roads in his District and for having made over 15,000 Rupees out of the funds at his disposal for the Wellington Barracks.	6th "	103, 104	68
<i>Salem.</i> —District Engineer reports that the roads in — are by no means in bad order generally. Chief Engineer to obtain the opinion of the Collector on the subject, also to report how came the District Engineer to divert to other works the maintenance allowance assigned to the Trunk Road No. 5.	7th "	123, 124	79
<i>Bellary Cantonment roads.</i> —Arrangement recently ordered respecting the payment of the Superintendent of the Convicts working on the —, to be adhered to.	7th "	137, 138	86
<i>Canara, North. Guersappa Ghat Road.</i> —Rupees 1,000 permitted to be expended in improving the — in the current year, that amount being the maintenance allowance of the Kullur and Guersappa Ghats at 500 Rupees each sanctioned twice over by mistake. In future years this additional sum of 1,000 Rupees will be retrenched from the allowance.	10th "	179, 180	112
<i>Canara, South.</i> —Rupees 10,180 allotted to — out of the 38,000 Rupees entered in Statement III of the Current Budget for Road Circuits in North Canara to be further revised as pointed out.			

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ROADS.—(Continued)	1860.		
<i>Canara, North. Hallial to Siry.</i> —Appropriation of 10,000 Rupees provided in the Budget for the Yellapoor, Siry, &c. Road Circuits, to the construction of 4 Timber Bridges at the points specified on the road from—Plans and Estimates of the work called for...	10th July	179, 180	112
<i>Do. Hallial and Sedashegar Road.</i> —Divergence on the —, so as to cross the Black River at Supa, authorized...			
<i>Tanjore. Salt Roads.</i> —Supplemental Estimates for two —, sanctioned...	11th "	193, 194	120
<i>Salem to Trichinopoly and to Cuddalore.</i> —Additional maintenance allowance sanctioned for the roads from —...	11th "	200, 201	124
<i>Ganjam. Bengal frontier and Huma via Ramba.</i> —Explanation of the Chief Engineer as to what is become of the estimate for improving the road between the —, recorded...	12th "	224, 225	136
<i>Cuddapah.</i> —Chief Engineer's report on two pieces of road, especially complained of by Major General Coffin. Communicated to the Military Department and the Chief Engineer to report whether the repair of the piece of road near Chintagunta cannot be provided either from the repair funds of the District or from some other source...	14th "	242, 243	142
<i>Kurnool to Bangalore.</i> —Chief Engineer's attention called to the state of the road from —...	14th "	258, 259	154
<i>Railway Feeders for North West Line of Railway within the North Arcot and Cuddapah Districts.</i> —Chief Engineer submits a list of —, approved with some exceptions...	17th "	277, 278	163
<i>Arcot, South.</i> —The daily traffic on Trunk Road No. 9 taken at the Vellaur Aicut, reported. Forwarded to the Home Government...	17th "	297, 298	17
<i>Malabar. Wainad.</i> —Chief Engineer's opinion with reference to the call made on him regarding the opening of cart roads in —, and the mode in which that object had best be carried out, together with an explanatory map. To await the opinion of the Collector on the subject...	23rd "	363, 364	200
<i>Nellore. Trunk Road No. 6 to the port of Tada on the western shore of the Pulicat Lake.</i> —Estimate for constructing a road from a point on —, sanctioned...	24th "	380, 381	207
<i>Visagapatam by Harris' Valley to Jeppore.</i> —Appointment of Lieutenant Raikes to make the Survey and Estimate to the proposed road from —, declined...	25th "	406, 407	215
<i>Arcot to Arnee.</i> —Sketch map of the road from —, submitted. The line for the road as laid down in the sketch, approved. Chief Engineer directed to enter it in the Budget for 1861-62...	30th "	458-460	238
<i>Arcot to Arnee.</i> —With reference to a letter from the Consulting Engineer for Railways the Chief Engineer to report whether he would advocate the expenditure of a part of the estimate in the current year in improving the worst parts of the road from —, and if so, whether he can provide the funds, and in what manner. The call for a plan and estimate for this road jointly with other Railway feeders on the 26th May 1860 was by inadvertence, <i>Feeding roads in continuation with the three lines of Railway in course of construction, the southern, the North-western, and the South-western.</i> —Consulting Engineer for Railways represents the necessity of timely measures for the formation of —. Chief Engineer's attention called to the importance of improving the condition of the road which crosses the southern line. With respect to the North-west and South-west lines orders were issued on the 26th May and 17th July 1860, respectively...	30th "	463, 464	239

ROADS.—(Continued.)

	Date of Proceed- ings.	Nos.	Page.
<i>Ganjam. Northern Trunk Road between Chicacole and Dendagedda.</i> —Further information called for on the proposals made for improving the worst parts of the —, and meanwhile the District Engineer to go on with such parts of the proposed improvements as may be considered most urgent. Instructions issued respecting the piece of road south of Kasibuga, as well as the proposal to open a direct road hereafter from Kasibuga to the Salt Pans at Natpada. ...	1860.		
<i>Wainad.</i> —Reply from the Commissioner of Mysore on the reference made to him as to whether he is willing to contribute to the improvement of the roads and passes at —, recorded. ...	31st July	471, 472	241
<i>Vizagapatam. Northern Trunk Road No. 6, North of Yellamanchilli.</i> —Reports that instructions have been issued for repairing a portion of the —, injured by a recent storm, recorded. ...	31st "	475, 476	245
<i>Tripattur and Bangalore.</i> —Chief Engineer represents that the present bad state of the road between — is owing to the insufficiency of the maintenance allowance. Government will be prepared to sanction such increase as the Chief Engineer may consider necessary. ...	31st "	479, 480	246
<i>Tripattur and Malapali.</i> —Chief Engineer reports that the estimate for metalling and gravelling the line between — is being examined in his office. ...	1st Aug.	19, 20	270
<i>Vizagapatam. Bimlipatam and Chittavalsa.</i> —Sanctioning the repair allowance, order dated the 8th May last for road between —, cancelled. ...	4th "	39, 40	277
<i>Do. Palconda to Charapalli.</i> —A maintenance allowance of 50 Rupees a mile for the road from —, sanctioned. ...			
<i>Kurnool and Cuddapah, near Chintagunta.</i> —Estimate for repairing the road between —, sanctioned. ...			
<i>Cuddapah. Road near the Cantonment of —.</i> District Engineer's proposal for spending a portion of the estimate from the maintenance allowance of the Cuddapah and Bellary road in repairing the —, and for the remaining portion being executed by Convicts free of charge, approved. ...	13th "	141, 142	318
<i>Madura.</i> —Emergent Bill of the District Engineer for October 1858 for works performed to Road No. 4 from Madura via Meyloor to Trichinopoly and to Road No. 15 from Madura via Manamadura to Ramnad sanctioned. Chief Engineer to report whether any more work performed under the order of 30th January 1858 remains unpassed. ...	15th "	171, 172	334
<i>Ganjam.</i> —Estimate for clearing jungle and making a trace in connexion with the proposed road from Aska via Buttipada, Vistam Chakram and Bellagunta to Russelconda with branches to Gugganadaprasad, Kurchole and Baguda in —, sanctioned. ...	15th "	186, 187	340
<i>Salem. Forty eight miles of Trunk Road No. 1 between Attipilli and Malapali.</i> —The additional maintenance allowance recommended by the Chief Engineer for the —, authorized. ...	20th "	255, 256	365
<i>Do.</i> Chief Engineer submits the opinion of the Collector of — as to the state of the roads in his District. Chief Engineer to report whether the District Engineer obtained the Collector's consent to the appropriation of the maintenance allowance of the Trunk Road to certain specified works. ...	29th "	388, 389	444
<i>Coinbatore.</i> —Chief Engineer submits the explanation of the District Engineer why the funds proposed to be transferred by him to the Wellington Barracks were not spent in the repair of the roads in —. The explanation considered unsatisfactory. ...	29th "	394, 395	644

ROADS.—(Continued.)	Date of Proceed- ings.	Nos.	Page.
	1860.		
<i>Arcot, North and Madras.</i> —Chief Engineer submits the reports of the District Engineer of — on the condition and requirements of Trunk Road No. 1 in their respective Districts. Government will not insist on any further diminution of the maintenance allowance granted to the road ...	29th Aug.	396, 397	447
<i>Arcot, North. Trunk Road No. 10.</i> —Chief Engineer submits the opinion of the Acting Collector on the proposed reduction in the maintenance allowance of —, and of the transfer of certain roads from the general to the local funds of that District, approved.	29th "	398, 399	449
<i>District roads.</i> —Government observed that it is not to be laid down as a maxim that no public money should be expended on —, where there is a road fund.	29th "	398, 399	449
<i>Arcot, North.</i> —Estimate for the road from Kaveripauk to Banaveram in the Budget of 1860-61, cancelled.	7th Sept.	71, 72	491
<i>Experiment in road making in Pegue.</i> —Communicated by the Government of India.	11th "	101—103	530
<i>Bellary and Cannanore.</i> —Proceedings Military Department. Observing on the omission to communicate to the Military Department the annulment of the previous arrangements for the maintenance of roads in the Cantonnments of —, and resolving that the above stations be brought under the provisions of paragraph 4 of the G. O. of the 14th August, and sanctioning annual allowance to each Cantonment for conservancy purposes...	15th "	158, 159	541
<i>Madras Canal.</i> —Proceedings Public Department directing the District Engineer to forward an estimate for the road-way along the —, and to begin the work in anticipation of sanction, recorded.	19th "	194, 195	555
<i>Malabar. Lines of Cart Road to be made in Wainad.</i> —Chief Engineer reports that the Collector approves of the District Engineer's proposal for the —, and those which should be put into thorough repair, approved...	19th "	196, 197	555
<i>Arcot North. Tiroopati Station with Tiroopatti to the west and with the Kalastri road to the east.</i> —Chief Engineer to submit estimates for connecting the new —.	26th "	296, 297	609
<i>Arcot road from Kaveripauk to Banaveram.</i> —Rupees 10,000 set down for expenditure in the current year on account of the —, authorized to be retained in the revised Budget of expenditure...	27th "	314, 315	614
<i>Salem road from Tripattur to Mallapadi on the high road to Bangalore.</i> —The balance of the estimate sanctioned for putting in good order the —. Chief Engineer to state the amount required yearly per mile as maintenance allowance...	28th "	334, 335	625
<i>Do.</i> A cart road bridged throughout from Mallapuram on the South-west Railway to Yercad on the Shevaroy Hills. Estimate for —, declined: but a moderate maintenance allowance will be granted if required...	28th "	336, 337	626
<i>Godavery. Bank road.</i> —Ground required for the extension of the —. Vide "Lands."	2nd Oct.	25, 26	613
<i>Salem. Trunk road No. 5.</i> —District Engineer reports that he obtained the consent of the Collector to the appropriation of a portion of the maintenance allowance of —, to certain specified works, recorded...	3rd "	37, 38	476

ROADS.—(Continued.)

	Date of Proceed- ings.	Nos.	Page.
	1860.		
<i>Madras District Trunk Road No. 1.</i> —The Chief Engineer in conjunction with the Deputy Chief Engineer to take special means of ascertaining the state of —, and submit a detailed report of its condition and capacity for the traffic which it has to bear, as well as on the skill and honesty of the means used for its conservation... ..	3rd Oct.	51, 52	654
<i>Canara District.</i> —Chief Engineer submits correspondence relative to the cost of the establishment maintained in the —, for the levy of tolls on imperial lines of road. The Accountant General requested to state whether he has received a reply to his letter to the Government of India... ..	6th "	99, 100	681
<i>Ganjam. Northern Trunk Road.</i> —Chief Engineer recommends that the improvements to the —, be deferred for want of funds. Ordered to be included in the Budget of 1861-62... ..	11th "	171, 172	708
<i>Improvement of unmetalled roads</i> by the use of sand reported to the Government of India to have been in use in certain Districts of this Presidency for the last 25 years... ..	11th "	177, 178	709
<i>Ganjam. Russelunda to Sonapoor.</i> —Views of the Government of India for the completion of the road from —, by the agency of the Madras Public Works Department. Referred for the report of the Chief Engineer who was to state also the present condition of the road to Koninguru. 15th "	15th "	214, 215	723
<i>Salem. Tripatur to Mullapadi.</i> —An annual maintenance allowance of Rupees 300 per mile per annum for the 16 miles of road from —, commencing with the official year 1861-62, sanctioned, also allowance at the same rate for the remaining seven months for the current official year, viz., 2,800 Rupees, granted to be charged to the fund allowed in the Budget for roads not specially provided for. 15th "	15th "	222, 223	729
<i>Salem to McDonald's Choultry.</i> —An additional allowance of Rupees 1,300 for maintenance during the current year of the 13 miles of road from —, sanctioned... ..	15th "	224, 225	729
<i>Kurnool to Bangalore lying in the District of Bellary.</i> —Correspondence respecting the state of the road from — which had its origin from the remarks made by the Consulting Engineer of the Irrigation Company. Noticed .. 16th "	16th "	226, 227	730
<i>Vizagapatam by Harris' Valley to Jeypore.</i> —District Engineer reports that none of his subordinates are available to conduct the survey of the proposed road from —. Captain Molony desired to be employed on the work. The District Engineer taking temporary charge of that Officer's Range,	20th "	277, 278	755
<i>Tinnevely.</i> —The bad state of the roads of — brought to notice by the Board of Revenue. Referred to the Chief Engineer for report... ..	29th "	372, 373	810
<i>Canara, North. Kaiga Ghatt.</i> —The estimated outlay of Rupees 95,330 for a new trace over the — authorized to be entered in the Budget for 1861-62, the amount to be corrected on being furnished with the new plans and estimates... ..	1st Nov.	19, 20	835
<i>Arcoi North. Vallore to Arnee.</i> —Rupees 4,550 sanctioned for the annual maintenance of the new road from —, Rs. 1,200 also sanctioned for the remaining portion of the current official year, for maintaining in order the portion of road already made... ..	6th "	86, 87	869
<i>Madras Canal.</i> —Proceedings Public Department calling on the Chief Engineer to report on the progress made and the amount expended in the construction of the road-way along the —, near the People's Park. Recorded... ..	9th "	151, 152	902

ROADS.—(Continued.)

	Date of Proceedings.	Nos.	Page.
	1860.		
<i>Cuddapah to Bellary.</i> —Maintenance allowance of the road from —, raised from 150 to 200 Rupees a mile; the sanction to have effect from the 1st May 1861. Government observed that they did not clearly understand the Chief Engineer's letter alluding to two other parts of this road....	12th Nov.	210, 211	938
<i>Neilgherry Hills.</i> —The distribution of the grant of Rupees 1,500 for the, and extension of the cross roads and bridle paths on the —, authorized to be again made by the Collector. The Collector to include a brief notice of the expenditure and work done in his yearly report on Public Works Department....	13th "	229, 230	945
<i>Madura.</i> —Proceedings Financial Railway Department. Drawing attention to the report of the Consulting Engineer of Railways on the bad state of certain roads in —. Communicated to the Chief Engineer....	13th "	235, 236	948
<i>Ganjam.</i> Port of <i>Calingapatam</i> to the <i>Salt Pans</i> at <i>Umaravalli</i> .—Estimate for constructing a road from the —, sanction declined....	22nd "	363, 364	1,029
<i>Sand roads as used in the Madras Presidency and especially in the Tanjore District.</i> —Government of India expressing a desire to receive any further remarks that the Chief Engineer has to offer on —....	24th "	387, 388	1,040
<i>Cuddapah. Gurrunkonda and Madanapalli.</i> —The disbursement of Rupees 4,000 for the road between —, from the Repair Funds at the disposal of the District Engineer, authorized.	26th "	401, 402	1,049
<i>Do. Royachoti to Punganore.</i> —Estimate of Rupees 44,100, for the completion of the road from —, authorized to be entered in the Budget of 1861-62.			
<i>Ganjam.</i> —Maintenance allowances for five roads expected to be shortly completed in — sanctioned, as also increased allowances for two others already made and provided with grants. These to take effect from 1st May 1861....	29th "	455, 456	1,081
<i>Trichinopoly to the Salem Frontier.</i> —Estimate of Rupees 22,300 for metalling the road from — authorized to be entered in the Budget of 1861-62....	1st Dec.	1, 2	1,091
<i>Madras. Pucroff's road from the flag staff at Triplacane to White's road.</i> —Proceedings Public Department directing cost of the ground required for opening up the — be inserted in the Budget for 1861-62....	1st "	9, 10	1,093
<i>Vizagapatam.</i> —Increased grants of Rupees 3,790 and Rupees 750 respectively as maintenance allowance for Trunk Road No. 6, between Tuni and Chittivalsa, and the road from — to Vemularvalsa authorized for entry in the Budget of 1860-61.	3rd "	19, 20	1,095
<i>Do.</i> —Fresh grants of Rupees 6,792½ to certain existing ones also authorized.			
<i>Kurnool and Gardanadugu.</i> —Annual maintenance allowance of Rupees 700 for the road between —, sanctioned for entry in the Budget of 1860-61....	3rd "	21, 22	1,096
<i>Madras. Canal between the Hospital and Elephant Gate Bridges.</i> —Proceedings Public Department, sanctioning an estimate of Rupees 4,811 for constructing a road along the east side of the —, recorded....	3rd "	23, 24	1,097
<i>Madras. Salt Roads.</i> —Estimate of Rupees 2,900 sanctioned for repairing the eight —....	5th "	47, 48	1,103
<i>Netlore. Dugaravapatam to Gudur.</i> —Rupees 10,082 at the disposal of the District Engineer sanctioned for the immediate commencement of the road from —, and the difference of the estimate Rupees 32,468 to be entered in the Budget of 1861-62....	6th "	68, 69	1,110

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ROADS.—(Continued.)	1860.		
★ <i>Madura. Road No. 16, from Kamuli Sayelgudi.</i> —Estimate of Rupees 2,160 for repairing —, authorized to be entered in the Budget of 1861-62. ...	7th Dec.	81, 82	1,116
<i>Vizagapatam and Vemulavalsa.</i> —Estimate for improving the road between —, sanctioned for entry in the Budget of 1861-62. The sanction of the increased maintenance allowance for this road to be kept in abeyance pending the execution of the present estimate....	12th "	161, 162	1,148
<i>Kurnool. Dupadani Dornal.</i> —Estimate of 9,900 Rupees for partially making, that is for cutting side channels for drainage and for metalling and tunnelling only when urgently required, the road between —, a distance of 18 miles on the east side of the Pass. Authorized for entry in the Budget of 1861-62....	12th "	171, 172	1,156
<i>Salem to the Trichinopoly Frontier.</i> —Estimate for metalling 19½ miles of the road from —, authorized for entry in the Budget of 1861-62. The Chief Engineer to ascertain from the District Engineer as to the maintenance allowance said to be available....	12th "	179, 180	1,159
<i>Madras. Trunk Road No. 6.</i> —Rupees 11,873 sanctioned as the maintenance allowance for the current official year, of the first 32½ miles of —. The traffic in certain points specified by the District Engineer to be carefully taken down and a further report to be submitted by the Chief Engineer at the end of the present official year....	12th "	181, 182	1,160
<i>Madras. Maintenance of the Esplanade Roads.</i> —Proceedings Public Department, consenting to bear the additional charge of Rupees 3,000 per annum towards the —, and directing the entry of the amount in the Budget of 1861-62. Communicated to the Chief Engineer....	14th "	197, 198	1,166
<i>Ganjam. Kimidi and Pundi, and between Navpada and Bomalli.</i> —Two estimates for repairing the damages to the roads between —, occasioned by the September floods, sanctioned....	15th "	212, 213	1,169
<i>Kurnool. Kuntarandi Peapally.</i> —Estimate of Rs. 4,01,700 for the road between —, approved for entry in the Budget of 1861-62. ...	17th "	227, 228	1,175
<i>Salem. Road No. 1 between Mallapadu and Atipilli.</i> —An increased annual maintenance allowance of Rupees 14,400; being at the rate of Rupees 300 per mile, for the 48 miles of —, granted. The same to be inserted in the Budget of 1861-62 and of future years until the extension of the Railway to Bangalore....	17th "	229, 230	1,176
<i>Cuddapah and Kaziipett.</i> —Sanction of 10,000 Rupees accorded for the improvement of the road between —, cancelled....	17th "	231, 232	1,176
<i>Salem. Road between the town and Railway station.</i> —Maintenance allowance of Rupees 300 per mile for the two miles and a quarter of —, authorized for entry in the Budget of 1861-62....	19th "	257, 258	1,191
<i>Tinnevely. Repair of Madras Roads unprovided with maintenance allowance.</i> —Thirteen estimates aggregating to Rupees 25,990 for the —, sanctioned....	21st "	274, 275	1,198
<i>Nellore.</i> —Emergent Bill for repairing Trunk Road No. 6 from Arambakam to 11½ mile, sanctioned....	22nd "	298, 299	1,213
<i>Salem. Malipadi to Allipilli.</i> —Report of the Chief Engineer submitted on the inquiry made whether the additional maintenance allowance of Rupees 4,800 sanctioned for No. 1 from —, for expenditure during the remaining eight months of the current year will be sufficient to do all that might be done this year towards bringing the road into good order....	22nd "	300, 301	1,213

ROADS—(Continued.)

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	1860.		
<i>Arcoot to Arnee.</i> —The funds proposed to be diverted from three specified works for improving the worst portions of the line of road from —, not complied with... ..	22nd Dec.	302, 303	1,214
<i>Trichinopoly and Tanjore.</i> —Chief Engineer representing the disgraceful and dangerous state of road between the capitals of —. Minutes recorded by the Members of Government... ..	24th „	353—369	1,239

ROBBERIES.

<i>Nellore.</i> —Report on the robbery of Sub Overseer's cash chest, received. Mr. Gowdie's dismissal, approved. ...	5th Jan.	85, 86	51
<i>Morgan, Captain.</i> —Corrected amount stolen from the cash chest of —, ordered to be written off to profit and loss.	27th „	121, 122	276
<i>Kistna District.</i> —Magistrate's explanation why there was no Village Moonsiff to Sangargutta in which Sub-Overseer Carlier was robbed, recorded... ..	27th „	123, 124	276
<i>Malabar. Skittle Alley at Malliapuram.</i> —Bill sanctioned for the value of the timbers stolen which was provided for the —	7th Feb.	99, 100	31
<i>Nellore.</i> —The whole amount stolen from the cash chest in charge of Sub-Overseer Gowdie at —, authorized to be written off to profit and loss... ..	28th March	88, 89	171
<i>Cuddapah.</i> —Robbery of public money, Rupees 63-6-0 from Sub-Overseer Muttusawmy of —, reported with a recommendation that the amount be written off to profit and loss. The Acting Magistrate to submit a free report of the circumstances.	10th July	181, 182	115
<i>Arcoot, South. Cash chest of Sub-Overseer Anderson.</i> —The robbery of the —, reported. Further report called for from the Chief Engineer and Magistrate... ..	23rd „	370, 371	205
<i>Anderson, Mr., Sub-Overseer.</i> —Chief Engineer's further report relative to the robbery of the cash chest of —, from the Bungalow at Anakara Chuttrum. Communicated to the Magistrate of South Arcot... ..	24th Aug.	324, 325	418
<i>Cuddapah.</i> —Officiating Collector of — submits a full report on the circumstances of the robbery of Government property in charge of Sub-Overseer Muttusawmy Mudali. The loss authorized to be written off to profit and loss... ..	28th „	370, 371	437
<i>Lascar who died by Cholera when on his way from Tuticorin to Nangunary.</i> —Rupees 57-4-8 stolen from a —, recommended to be written off to profit and loss. Magistrate of Tinnevely to report the particulars of the Lascar's death... ..	11th Sept.	99, 100	502
<i>Gresseux, Mr., Sub-Overseer, Salem.</i> —Robbery from the cash chest of — reported. Government will await the further promised report... ..	4th Oct.	63, 64	666
<i>Lascar who died by Cholera when on his way from Tuticorin to Nangunary.</i> —Magistrate submits the particulars of the death of the —, as called for. The amount stolen from the Lascar authorized to be written off to profit and loss... ..	5th „	83, 84	675
<i>Gresseux, Mr., Sub-Overseer.</i> —Further report on the robbery from the cash chest of —	15th Nov.	247, 248	953
<i>Canara, North.</i> —Sub-Overseer Sheik Essof robbed of Rupees 158-7-3 of public money, reported... ..	18th Dec.	239, 240	1,183

ROCKS.

<i>Upper Godavery.</i> —The value of certain boats made over to the Engineer of the — for removing the rocks between Koidthi and Badrachellum... ..	22nd March	21, 22	144
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RULES.

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	1860.		
<i>New Rules</i> proposed to meet the cases of some most efficient men now employed who are unable to pass the prescribed examination in Mathematics, approved...	5th Jan.	67, 68	26
<i>Rules</i> proposed by Chief Engineer for the grant of leave of absence to the Members of the P. W. D. to be revised as pointed out by Government...	7th "	115, 116	67
<i>Government Consignments.</i> —Rules proposed by the Superintendent of Marine for landing the —, approved...	9th "	136, 137	78
<i>Subordinates.</i> —Revised Rules for the entrance and promotion of —, approved...	18th "	89, 90	201
<i>Executive Officers and their Office Establishments.</i> —Alterations in the rules and practice relative to —, and the appointment, promotion and punishment of Members of the subordinate branches of the Public Works Department, approved by the Secretary of State.	30th "	161	298
<i>Code of Rules.</i> —Steps taken for the preparation of a — for the Department of Public Works, approved by the Secretary of State.			
<i>Entrance into and promotion in the Subordinate Department of the Department Public Works.</i> —Revised Rules for — published in the Official Gazette with an addition...	18th Feb.	79, 80	82
<i>Department Public Works.</i> —The revised Rules with certain additions and alterations for entrance into and promotion in the — authorized to be published in the Gazette in lieu of those of the 21st February...	2nd March	40, 41	22
<i>Contracts.</i> —Rules regarding — referred to the Government Solicitor...	7th "	93, 94	46
<i>Staff Salary, &c. of Staff and other Officers temporarily recommended to Regimental duty.</i> —Government of India direct to their Circular letter dated 23rd February last regarding —	27th "	76, 77	168
<i>Draft Rules</i> prepared by the Chief Engineer for the D. P. W., reviewed...	13th April	29, 30	58
<i>Draft Rules</i> for the grant of Munshi allowance to the Members of the Public Works Department transmitted to the Government of India...	24th "	33—35	161
<i>Draft Letter</i> from the Chief Engineer on the same subject.	24th "	36, 37	165
<i>Contracts.</i> —Rules regarding the —, approved by the Government Solicitor...	2nd May	24, 25	13
<i>Members of the Public Works Department.</i> —Received Draft Rules relating to the grant of leave to —. Referred to the Civil Auditor...	3rd "	41, 42	24
<i>Superintendent of Marine</i> to prepare a set of rules for the guidance of the Shipping Officer as well as of Departments having goods for despatch...	4th "	74, 75	45
<i>Irrigation Company</i> informed that the Rules applicable to the taking of land for Railways are quite suitable to the taking of land for the purposes of their Company. The Consulting Engineer to submit an amended Draft of the Rules to suit their works.	9th "	142, 143	87
<i>Apprentices.</i> —Rules for —, approved...	11th "	1, 2	93
<i>Travelling Allowance to the Members of the Public Works Department.</i> —Rules which regulate the grant of —. Vide "Allowance." Minutes recorded by Honorable Mr. Morehead and His Excellency the Commander-in-Chief on the subject...	11th "	14—14	99
<i>Rules for constructing Churches.</i> Vide "Churches."	12th "	27, 28	121
<i>Superintendent of Marine</i> promises soon to furnish a set of rules for the shipment of stores, recorded...	21st "	9, 10	193

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RULES.—(Continued.)	1860.		
<i>Members of the Public Works Department.</i> —Civil Auditor's report on the reference made to him on the Draft and Rules relating to the grant of leave to —, forwarded to the Chief Engineer, who after communicating with the Military Auditor General on the subject of the Rules applicable to the Military Class employed in the Department Public Works to make such amendments in his Draft Rules as may appear necessary... ..	2nd June	13, 14	6
<i>Public Servants.</i> —Rules laid down by the Government of India respecting the grant of gratuities to —. Communicated to the Chief Engineer... ..	2nd "	32, 33	28
<i>Stores.</i> —Superintendent of Marine reports that Rules for guidance of the Second Master Attendant in shipping —, were prepared some time since, but are still under consideration, recorded... ..	5th "	56, 57	46
<i>Accounts.</i> —Chief Engineer submits for approval the portions of the Public Works Code under preparation which relate to —, Vide "Code."... ..	27th "	433—436	241
<i>Resolution of the Government of India</i> , observing that in respect to cases of Furlough under Military Rules in which Officers are allowed to retain their appointments, the provisions of the Resolution of 14th July 1858 should be held applicable... ..	4th July	85, 86	55
<i>Engineer Officers with the Military Department.</i> —Rules for regulating the intercourse of the —, furnished to the Military Department... ..	14th "	264, 265	156
<i>Officers of the Irrigation Company.</i> —Rules for the guidance of the — relative to the course to be pursued when the destruction or removal of property is required, approved... ..	21st "	353, 354	190
<i>Irrigation Company.</i> —Rules for regulating the terms on which land is to be provided for the purpose of the —, approved... ..	21st "	355, 356	192
<i>Stores.</i> —Rules for the shipment of the Government —, approved... ..	7th Aug.	83—85	297
<i>Funds on account of Public Works.</i> —Rules prepared by the Acting Accountant General for drawing —. Referred to the Chief Engineer... ..	18th "	229, 230	356
<i>Native Languages.</i> —Home Government are against any change being made in the recently established Rule which makes stoppage of pay the penalty for failure on the part of Members of the Public Works Department to pass in the —, recorded... ..	29th "	386, 387	443
<i>Home Government</i> observe that it is in direct contravention of the Budget Rules to submit directly for approval projects which ought to have been previously submitted for the sanction of the Supreme Government... ..	17th Sept.	170, 171	545
<i>Funds on account of Public Works.</i> —Chief Engineer reports that the revised Rules for drawing —, were framed by the Accountant General in personal conference with him, approved with some slight modifications... ..	27th "	316, 317	615
<i>Madras.</i> —Rules respecting treble horse allowance authorized to be amended in conformity with the Bengal Rule... ..	28th "	320, 321	616
<i>Sub-Overseers.</i> —Chief Engineer to submit a Draft Rule for the promotion of —. Vide "Overseers."... ..	15th Oct.	220, 221	728
<i>Travelling Allowances.</i> —Proceedings Financial Department, referring for remarks the Rules submitted by the Civil Auditor for passing —. Referred to the Chief Engineer.	26th "	351, 352	802
<i>Despatch from the Home Government</i> containing their views respecting the qualifications required of Candidates for situations in the subordinate branch of the Department. The Chief Engineer requested to report on the working of the operative Mechanical Class... ..	1st Nov.	15, 16	832

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RULES.—(Continued.)			
<i>Draft Rules</i> relating to the grant of leave to members of the Public Works Department amended according to existing regulations and with verbal and other alterations suggested by the Civil Auditor, reviewed.	1860.		
<i>Military Classes.</i> —Government are not prepared at present to make any alteration in the existing rules as regards leave to —. The Civil Auditor requested to report whether the Rules proposed are in conformity with the Bengal Code.	6th Nov.	94, 95	872
Instructions issued respecting the General Regulations of the Army relating to leave on Medical Certificates or of the Civil Auditor's Manual.			
<i>Public buildings.</i> —Chief Engineer requested to submit Draft Rules as to the allowance to be made in estimates generally for sundries and for superintendence of —, and specify in what particular position in the Code he proposes to introduce them...	7th "	102, 103	877
<i>Chief Engineer</i> recommends an amendment in the Rules prescribing the amount to which village labor to be required from Ryots in all cases of ordinary repairs. Referred to the Board of Revenue...	8th "	131, 132	894
<i>Security.</i> —Para. 2 of the Chapter on —, to be amended...	12th "	191	925
<i>Draft Rules</i> on the subject of the class of passage to be provided for Sub-Overseers, approved...	21st "	320, 321	1,012
<i>Amended Draft Rules</i> for the promotion of Sub-Overseers from one Class to another without passing the prescribed examination authorized to be adopted by the Chief Engineer. The service as Majistries excluded from the benefit of it...	26th "	407, 408	1,061
RYOTS.			
<i>Nellore.</i> —The Collector of — applies for instructions as to the meaning of the orders of 20th July 1859 respecting the duties of Ryots in connection with the security of works of irrigation...	18th April	135, 136	111
<i>Petty repairs</i> to be executed by Ryots...	5th May	90, 91	50
<i>Views of the Chief Engineer on the subject of the Village labor.</i> —No separate order considered necessary on this letter as Government have approved the rules proposed by the Chief Engineer to be introduced into the Code of the D. P. W. in an Order of this date, No. 2,065...	5th Oct.	70, 71	670
<i>Chief Engineer</i> recommends an amendment in the Rules prescribing the amount to which village labor to be required from Ryots in all cases of ordinary repairs. Referred to the Board of Revenue...	8th Nov.	131, 132	894
S.			
SALARIES. See "Allowances."			
SALT.			
<i>Vizagapatam. Salt Pans.</i> —Appropriation of Rupees 4,500 from the sale proceeds of the Bezvada bridge to the —, &c., sanctioned...	6th Jan.	97, 98	58
<i>Canara, North. Kumpta.</i> —Estimate for the completion of the Salt Kotars at —, sanctioned...	24th "	56, 57	250
<i>Canara, South.</i> —Estimate for re-building a Salt Kofi at Mabukul in —, sanctioned...	26th March	60, 61	162

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	1860.		
<i>Chingleput. Homes' Garden on the Adayár.</i> —Proceedings Revenue Department, sanctioning the proposed Depôt for the sale of Salt at —, recorded. ...	3rd May	51, 52	33
<i>Ganjam.</i> —Salt Depôt on the Vamsadara River in —, sanctioned... ..	3rd „	53, 54	33
<i>Madras. Salt Kottars.</i> —Estimate for enclosing into a room a portion of Verandah of the Office of Deputy Collectors at the —, sanctioned... ..	9th „	138, 139	86
<i>Machada, Overseer.</i> —Explanation of — as to his proceedings in the building of the Kumpta Salt Kottars. His degradation to the rank of Assistant Overseer, approved... ..	23rd „	46, 47	216
<i>Ganjam.</i> —Views of Major Horsley for the improvement of the Salt trade in —, referred to the Collector through the Board of Revenue... ..	2nd June	24, 25	13
<i>Chingleput.</i> —Platform for the Salt Pans at Chingleput.—Estimate for a new —. Mr. Pelly to report whether under the new arrangements proposed the Platform will be needed... ..	14th „	212, 213	103
<i>Godavery.</i> —Salt Depôts to be established at Diwalmari and Kunta on the Severi. ...	23rd „	363, 364	183
<i>Do. do.</i> —Freight for the carriage of Salt. See “Godavery.”			
<i>Ganjam.</i> —Proceedings Revenue Department reviewing the report on the Salt administration in —, and calling the District Engineer's attention to certain points noticed, recorded... ..	26th „	415, 416	230
<i>Ganjam. Umaravalli Salt Pans.</i> —Chief Engineer reports the favorable results by the extension of the —, approved... ..	3rd Sept.	9, 10	465
<i>Tanjore. Salt Platform at Andanapetta in the Kivalur Taluk.</i> —Bill for the re-construction of the —, sanctioned with certain observation, respecting the careless manner in which the original estimate was prepared... ..	18th „	176, 177	548
<i>Godavery.</i> —Arrangement for the conveyance of Salt to supply the Depôt at Kunta. Rates fixed for the conveyance of Salt by the Steamers. Hire due for carriage of Government Salt to be punctually realized. Vide “Godavery.”... ..	24th „	262—266	585
<i>Canara South. Buildings of the Salt Department at Pan Mangalore.</i> —Estimates for repairing the —, sanctioned..	27th Oct.	361, 362	806
<i>Madras. Homes' Gardens in the Adayár.</i> —Estimates for construction of a Salt Platform at — for making branch channels from the pans to Covelong, Vadasamanjiri and Payanûr to the Coast Canal, and for connecting the above Platform and the Adayár by a similar channel. Authorized for entry in the Budget of 1861-62. The Board of Revenue to favour Government with their views on the subject.	12th Dec.	163, 164	1,148
<i>Ganjam. Two covered sheds to be erected at Naupada and Umaravalli.</i> —Estimates amounting to Rupees 1,500 for —, sanctioned.	22nd „	319, 320	1,219
<i>Do. Salt Kacheri to be erected at Naupada.</i> —Chief Engineer to obtain the opinion of the Board of Revenue regarding the — before the work is commenced.			
<i>Nizam's Dominions.</i> —The Resident requested to afford information as to the rate at which duty is levied on Salt imported into the —	28th „	378—381	1,283

SANITATION.

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	1860.		
<i>Public Works.</i> —Proceedings Military Department reviewing the general Sanitary Report on Her Majesty's British Regiments serving in the Madras Presidency, and concurring in opinion with the Commander-in-Chief that any works which can at present be deferred without serious inconvenience, may be postponed. Communicated to the Chief Engineer...	14th March	33, 34	86
<i>St. Thomas' Mount.</i> —Certain works connected with the Sanitary improvement of —, ordered to be proceeded without further delay...	29th "	123, 124	189
<i>Vizagapatam.</i> "Taylor's Knoll" instead of "Harris Valley."—Views of Major Horsley for establishing a Sanitarium at —. Communicated to the Military Department.	8th May	124, 125	67
<i>Water supply and sewers of Madras.</i> —Despatch from the Home Government on the proposed —, communicated to the Government of India. Referred to the Public Department...	19th "	136, 137	186
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<i>Bean, Captain, District Engineer of Malabar.</i> —Explanation of —, of his inability to comply with the requisition, of the Military authorities in regard to information connected with the sanitary conditions of Her Majesty's Army. Communicated to the Military Department...	1st June	5, 6	4
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<i>Wellington. Jackatalla.</i> —Proceedings Military Department communicating a Home Despatch respecting the conversion of the New Barracks at —, into a Sanitarium for European Troops, if such be deemed necessary. Communicated to the Chief Engineer...	27th "	445, 446	249
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<i>Vizagapatam. Harris Valley.</i> —Home Government observe that before sending a Detachment of European Troops to reside in —, it would have been well to have ascertained the probable expense of that measure. Communicated to the Military Department...	14th July	252, 253	150
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<i>Harris Valley</i> as a Sanatarium for European Troops abandoned; and the steps taken by the Commander-in-Chief, regarding the buildings and materials, approved.	19th Sept.	206, 207	565

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<i>Trichinopoly. Lalgudi Tálúq.</i> —Chief Engineer submits the information called for on the 16th June last as to the Officer who was in charge of the Range where certain misdoings occurred... ..	10th "	79, 80	494
<i>Executive charges.</i> —Frequent changes of incumbency in the — deprecated... ..	10th "	79, 80	494
<i>Military Stations.</i> —Proceedings Military Department. Observing that the Government of India will be applied to for a special grant for the sums required this year for conservancy works for certain —. Communicated to the Chief Engineer... ..	5th Oct.	85, 86	676
<i>Arcoi, South.</i> —Alterations in the configuration of Ranges in —, to make them correspond with the late Tálúq arrangements. Referred for the further consideration of the Chief Engineer... ..	23rd Nov.	365, 366	1,080

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<i>Travelling allowance to the Revd. R. P. Little.</i> —Proceedings Ecclesiastical Department calling on the Chief Engineer to report to the Civil Auditor the exact distance from the Fort of Tranquebar to the church at Negapatam in order to regulate the— . Communicated to the Chief Engineer... ..	23rd Nov.	373, 374	1,035
<i>Cuddapah.</i> —District Engineer recommending an alteration in configuration of two Ranges in his District, authorized.	27th "	425, 426	1,067

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<i>"Sir C. Trevelyan."</i> —Report on the grounding of the Steamers called for from the District Engineer... ..	3rd Jan.	9, 10	5
<i>Employment of a Steamer on the Sittany river intimated by Government of India...</i> ...	3rd "	13, 14	6
<i>"Progress."</i> —Mr. Faulkner's report concerning the trial of the —, referred to the Chief Engineer... ..	3rd "	15, 16	6
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<i>"Thistle."</i> —Its progress from Masulipatam to Nellore reported. The crew discharged and the Steamer to be left in charge of the Syrang and two men under the supervision of the Officer in charge of the Nellore Anicut. Captain Maiden to return to his duties at Masulipatam, and to report the cost of maintaining the Steamer per month... ..	13th "	49, 50	183
<i>Moulmein or Rangoon.</i> —Carts and Artizans directed to be sent either to — by Government Steamers... ..	20th "	117, 118	215
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<i>"Governor Higginson."</i> —Advocate General considers the claim of Messrs. Dymes & Co. to freight for stores brought by the—from Kakinada to be inadmissible... ..	20th "	94, 95	89
<i>Nellore, Pennair.</i> —The intention of this Government to detach a Steamer for exploring the—, approved by the Secretary of State... ..	20th "	98	92
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<i>"Thistle."</i> —Monthly expenditure for the crew of the —, authorized... ..	28th "	93, 94	238
<i>"Progress."</i> —Reporting the injury sustained by the — on the passage to Ennore, recorded... ..	2nd March	32, 33	20
<i>Godavery.</i> —Captain Haig's request that a large steamer lying in pieces at Bezwadah may be sent to Dowlaiswaram and put together for use on the —, at a cost of 12,031 Rupees, sanctioned, and certain information called for respecting the Steamer... ..	16th "	81, 82	102
<i>"Sir Charles Trevelyan."</i> —Captain Haig represents that the Steamer — is ill-suited for service on the Godavery. Referred to Captain Randall for explanation.			

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" <i>Thistle</i> ."—Proposal of the Commandant of Engineers to transfer the — to the Irrigation Company. Referred to the Chief Engineer for report...	30th "	125, 126	189
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" <i>Sir Charles Trevelyan</i> ."—Explanatory letter of Captain Rundall on the subject of the alleged unsuitness of the — for employment on the Upper Godavery. Chief Engineer to submit a further report on the subject...	24th "	40, 41	166
<i>Rajahmundry</i> .—Steam Ferry across the Godavery at —. Papers relative to a proposed Steam Ferry acknowledged by the Secretary of State...	1st May	2, 3	1
" <i>Progress</i> ."—Three Bills of Mr. Faulkner Contractor for working the —, sanctioned...	3rd "	47, 48	31
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" <i>Progress</i> ."—Two Bills for expenses incurred in fitting up and working the — up to 30th April 1860, sanctioned.	20th June	326, 327	166
" <i>Arthur Cotton</i> ," " <i>Trevelyan</i> " and " <i>Shamrock</i> ."—Works done by the —, the amount of stores carried and the distances, the expenditure on which from February 1858 to the present time together with the liabilities up to 1st June 1860. Employment of more efficient steamers, suggested.	23rd "	263, 364	183
" <i>Arthur Cotton</i> ," " <i>Trevelyan</i> ," " <i>Shamrock</i> " and the " <i>Rose</i> " where to ply for the next season. Vide " <i>Godavery</i> ."			
<i>Rivers in India</i> .—Proceedings Marine Department. Correspondence regarding the best kind of boats for the — forwarded to the Home Government with a suggestion that advantage be taken of Colonel Cotton's presence in England to send out a couple of experimental steamers with suitable cargo barges. Communicated to the Chief Engineer...	3rd July	44, 45	34
<i>Executors of the late Mr. Rundall</i> .—Tender of a steam engine by the —, for the Godavery, declined...	7th "	131, 132	84
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" <i>Godavery</i> ."—Chief Engineer reports that a month of the navigation season is past, that three Steamers are waiting for work, and that a large expense is incurred for the keep of their crews also; that a special contract for the supply of 2,000 tons of firewood has been made.	28th "	450, 451	236
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" <i>Thistle</i> ."—Consulting Engineer of the Irrigation Company reports that the Company is willing to return the — to tide water below Nellore after the exploration is finished, if she is not purchased by them. The Company referred to their order of 31st July last. A separate order to be passed on a statement received from the Chief Engineer respecting the cost of the Steamer...	28th "	378, 379	441
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<i>Indent for Stores for 1860-61 forwarded to the Home Government.—The Chief Engineer to submit a list showing the stock of Public Works Machinery and Stores of all kinds actually on hand and how they have been disposed of, and an annual report also to be furnished of Stores in each District. Information also called for as to the data on which annual Indents for Stores and Machinery are framed.</i>	3rd March	66, 67	29
<i>Packing Account of Stores per "George Canning," dated 31st January 1860, transmitted to the Superintendent of Marine.</i>	16th "	70	96
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<i>Accountant General proposes some alterations in his Circular already submitted to Government, regarding the stores supplied to the several Civil Departments at the Presidency. Committee appointed to furnish a table of the rates of depreciation proper for the several descriptions of stores likely to come under the Circular.</i>	2nd May	33, 34	20
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<i>Presidency Stores.</i> —Chief Engineer forwards a list of stores received, issued and remaining at the —, and promises to forward those of the Provinces when returns are received from the District Engineers. Instructions issued as to the verification of the returns of Stores. Chief Engineer not to overlook the price list of articles in store. Hereafter articles to be priced immediately as they are received into the Depôts. Deputy Chief Engineers when on tours of inspection to attend to the safe custody and preservation of Machinery and Stores in the Districts as one of their duties...	9th July	145, 146	93
<i>Watson, Mr.</i> —Renewal of Contract granted to— for the transport of Stores from the Godavery to Kampti and Badrachellam fixed as the place for landing stores for the first year. Proposal of the Commissary General to send a portion of the stores by land from Masulipatam, disapproved, and Cocanada fixed at the landing Port for the Northern Division...	27th "	433—435	224
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<i>Loading and Shipment of Government Stores.</i> —Rules for—, approved.			
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<i>Rates of depreciation proper for the several descriptions of Stores</i> .—Chief Engineer promises an early settlement of the subject, recorded...	14th "	134, 135	530
<i>Public Works Department</i> .—The Acting Accountant General informed that it is the intention of Government that the separation of the stores of the — from those of the Military Department should be complete. Mr. Lushington was required to send to the Chief Engineer all Extracts from the Invoices of Public Works Stores for adjustment in his accounts; calling for any remarks he may wish to offer in regard to the Store accounts to be kept in the Central Office...	15th "	146, 147	533
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<i>Godavery</i> .—Chief Engineer furnishes particulars of Government Stores sent up the —, and the accidents that have taken place to vessels. Minutes recorded by the Members of Government on the subject, with a suggestion that one of the Deputy Secretaries prepare a report on the result of the late experimental transit of stores by the Godavery...	24th "	237—272	589
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<i>Dowlaiswaram Workshop.</i> —The appointment of Mr. B. Vanstavern as Assistant to the Superintendent of the —, recommended. Referred to the Order of 26th June 1860.	11th July	206, 207	128
<i>Do.</i> —Mr. W. Randall, an Assistant District Engineer in the Godavery District, nominated to the duty of preparing a balance sheet of the —. Teruvengada Mudali not considered to be expedient at present to be employed at the Workshop. Explanation offered as to the mode recommended by Colonel Bell of dealing with the outstanding advance to the Workshop, refused. For the future the returns to include all expenditure including advances, without omission...	31st "	489, 490	218
<i>Vanstavern, Mr.</i> —Chief Engineer enquires in what manner — is to be paid if appointed to assist Mr. Moncrieff in the <i>Dowlaiswaram Workshop.</i> Further information called for...	18th Aug.	225, 226	355
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