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PUBLIC WORKS DEPARTMENT, PUNJAB.



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ADMINISTRATION REPORT

OF THE

GENERAL BRANCH

FOR THE YEAR 1892-93.



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ADMINISTRATIVE REPORT

1888

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NOT THE YEAR 1888



PUBLIC WORKS DEPARTMENT, PUNJAB.

ADMINISTRATION REPORT

OF THE

GENERAL BRANCH

FOR THE YEAR 1892-93.

The total expenditure on Public Works in the Province during the year amounted to Rs. 60,05,453.

2. Deducting Imperial Military expenditure (Rs. 2,11,165), Imperial Civil (Rs. 3,25,779) and private and other funds (Rs. 1,62,306) in which this Department acts as agents; and also Railway expenditure (Rs. 1,210) which is not carried out by Provincial Establishments; the expenditure on behalf of the Province was Rs. 53,04,993.

3. The Establishments maintained from District funds carried out work to the value of Rs. 2,870 for the Military Department from Imperial funds, and to the value of Rs. 1,69,681 for the Province from Provincial funds, as well as works from their own funds to the value of Rs. 8,62,266.

4. The Establishments maintained by Municipalities carried out works at a cost of Rs. 5,98,954 from their own funds only.

5. The Provincial Public Works Department expended Rs. 20,797 from District funds on behalf of District Boards, and Rs. 5,97,570, from Municipal funds on behalf of Municipalities, as well as the whole of the rest of the funds from all sources.

6. The allotment of funds for Original Works is limited by the necessity of first providing for obligatory charges for Establishment, Tools and Plant and Repairs.

7. With a view to effecting economy under these latter heads investigations were started during the year on the lines advocated by the Finance Commission to ascertain whether some reduction of Establishments could be made either by the taking over of more work by the Public Works Department from the District and Municipal bodies and reducing their Establishments; or by handing over more work to local bodies and reducing the Departmental staff. The matter is being investigated district by district, by the Commissioners in communication with Superintending Engineers.

8. The book value of all Provincial buildings borne on the Departmental registers amounted to Rs. 94,40,277 at the beginning of the year. The expenditure on maintenance of buildings during the year amounted to Rs. 2,38,499 representing 2.5 per cent. on the capital cost. In the previous year the cost of maintenance also amounted to 2.5 per cent. This is not high, and very little reduction can be looked for under this head as the demands for repairs grow with the erection of new buildings each year, and are likely to grow in greater proportion if cheaper styles of buildings are introduced to diminish capital cost.

9. The expenditure on maintenance of roads is very high in the Punjab, partly owing to many of the principal roads being in hilly and mountainous districts, partly to difficulty in procuring suitable metal, and partly also in some cases to heavy traffic. The matter is being investigated in detail and reduction may be hoped for in some directions, but possibly not on the whole as

some of the roads have not been kept up to proper standard and will require more spent on them for some time than formerly; and each year adds to the total length to be maintained.

10. The sums available for Original Works were distributed as shown below.

	Provincial.	District.	Municipal.	Total.
Buildings	8,35,018	1,02,181	82,730	10,19,929
Communications	3,07,163	1,26,485	2,193	4,35,841
Miscellaneous Public Improvements	82,254	80,282	2,71,283	4,33,819
Total	12,24,435	3,08,948	3,56,206	18,89,589

11. *Buildings.*—The proportion spent on buildings especially from Provincial funds is high, more than two-thirds of the total sum available from Provincial funds for Original Works having been devoted to this purpose. For the current year the sum to be spent on buildings from Provincial funds has been reduced and it will be kept down in future. During the year under review the standard plans for jails and the estimate for a Central Jail at Amballa were rejected as being on too costly a scale. A conference was held at which His Honor the Lieutenant-Governor presided, and lines were laid down on which the plans and estimates should be recast, and the project for the Amballa Central Jail was delayed accordingly. The standard plans and specifications for other buildings are being scrutinised with a view to ascertaining whether any cheaper styles of buildings can be usefully adopted; and whether the large expenditure in recent years on buildings has been due to better styles of work being adopted, rise in rates of labour or materials, or increased demand for accommodation, or increase in the scale of accommodation allowed. This investigation is still in progress.

12. Towards the close of the year an officer was deputed to Bhagalpore to study the woollen industry in the jail there, with a view to the introduction of a woollen industry at Montgomery Jail.

13. *Communications.*—The only new roads under construction during the year were six approach roads to stations on the Delhi-Amballa-Kalka Railway. The unmetalled roads from Hasan Abdal to Abbottabad, Murree to Kohala, Nowshera to Mardan and Lahore to Sheikhpura were in course of being metalled from Provincial funds, and five other roads of less importance were being metalled from District funds. Some new bridges were built on the Kangra Valley cart road, and the rest of the available funds were devoted to improvements of existing lines on the original standard.

14. A scheme of unmetalled feeder roads for the Delhi-Amballa-Kalka Railway, was adopted for completion within two years; and numerous other projects were investigated with a view to their being taken up as funds permit.

15. The demands for new works of communication are numerous, and it has been decided that for the current and future years not less than Rs. 3,50,000, shall be allotted for new roads and improvements to existing roads.

16. *Damages from floods* were heavy in some parts of the Province, but the damage was mainly confined to lines of communication, and buildings escaped without much injury. Abnormal rain in the Peshawar district and beyond, caused the destruction of the Nowshera boat bridge over the Kabul river. Floods in the Derajat caused considerable damage to the North-West Frontier road; floods in the Chenab breached the railway protective works, and carried away the Grand Trunk Road bridge over the Palkhu, and floods in the Bhimber

breached the Railway portion of the protective bank and did some damage in the neighbourhood of Gujrat.

17. Very serious landslips were also caused by heavy rain in the 6th and 7th miles of the Kalka-Simla cart road, entirely stopping wheeled traffic for a time.

18. *Miscellaneous Public Improvements.*—The Delhi water works were formally opened by His Honor; and the Simla water works were completed under great difficulties, owing to the severity of the winter and some delay in the receipt of machinery and stores from England. Projects were prepared for water works at Amritsar and Amballa, but neither has yet been sanctioned.

19. To obviate the difficulties and delays now experienced in getting projects for sanitary works carried through and accepted, a scheme was drawn up for the employment of a special Sanitary Engineer for the Province which is now under discussion with the leading Municipalities.

20. The usual detail of grants and expenditure and of works carried out is shown below.

21. The total expenditure of the year from all sources was as noted above Rs. 60,05,453, *vide* Table A, page 19 and against the Budget grants Rs. 52,72,044 classified as under.

MAJOR HEADS.	Works.	Repairs.	Establishment.	Tools and Plant.	Barrack Department.	Suspense.	Total.
Imperial Military	50,885	1,36,718	36,209	1,830	5,759	-20,236	2,11,165
Do. Civil	1,08,831	84,567	46,700	2,529	...	- 6,908	3,25,779
Provincial do.	12,24,435	11,40,983	7,11,422	44,900	...	-49,575	30,72,165
Incorporated Local (District) Funds	3,08,948	5,70,420	1,22,865	3,696	...	...	10,05,929
Municipal Funds	3,56,206	2,82,456	16,161	973	...	...	6,53,796
Total ...	21,39,305	22,15,144	9,33,417	53,928	5,759	-76,719	52,70,834
<i>Railways-Imperial.</i>							
Delhi-Amballa-Kalka Railway ...	...	...	...	...	...	...	1,210
Total ...	...	...	...	...	...	...	1,210
GRAND TOTAL ...	...	...	...	...	...	...	52,72,044
Deduct expenditure in England including loss by Exchange ... ..	...	...	...	...	...	...	5,201
Net Indian outlay ...	...	...	...	...	...	...	52,66,843

22. The outlay from Imperial and Provincial funds, Rs. 36,09,109, was Rs. 56,609 in excess of the Budget Estimate of Rs. 35,52,500, and Rs. 18,091 short of the Revised Estimate of Rs. 36,27,200.

23. The variations between actual outlay and the Budget and Revised Estimates are shown below:—

MAJOR HEADS.	Budget Estimate.	Revised Estimate.	Actual outlay.	DIFFERENCE BETWEEN ACTUAL OUTLAY AND	
				Budget Estimate.	Revised Estimate.
Imperial Military	Rs. 2,00,000	Rs. 2,26,300	Rs. 2,11,165	Rs. +11,165	Rs. -15,135
Do. Civil	2,52,500	3,58,900	3,25,779	+73,279	-33,121
Provincial do.	31,00,000	30,42,000	30,72,165	-27,835	+30,165
Local Incorporated (District) Funds	10,34,000	10,60,000	10,05,929	-28,071	-54,071
Municipal Funds	11,99,476	Nil.	6,55,796	-5,43,680	Nil.
<i>Railways-Imperial.</i>					
Delhi Amballa-Kalka Railway (Capital account)	1,000	1,100	1,210	+210	+110

24. The lapse under Imperial Military was partly due to payments for English Stores not having been met to the extent anticipated, and to savings on allotments of works which could not be carried out owing to local and climatic difficulties. The lapse under Imperial Civil was in a great measure due to a credit of about Rs. 22,000 on account of Imperial Tools and Plant taken over for use on Provincial Works and to a saving of about Rs. 6,000 from the grant for furniture for Viceregal Lodge, Simla. Under Provincial, the actual expenditure, though short of the Budget Estimate, exceeded the Revised Estimate chiefly owing to a reduction of Rs. 50,000 made by the Government of India.

25. The lapse under Incorporated Local (District) Funds was due to delays in the preparation of projects and starting work, and to the usual transfers to and from the Civil Budget Estimates after the Revised Estimate had been closed.

No explanation has been furnished of the large lapse under Municipal Funds, and the causes will be enquired into.

26. The following table shows the lapses over Rs. 2,000 on Imperial and Provincial Works :—

P. W. Division.	Locality.	Name of Work.	Grant.	Outlay.	Lapse.
			Rs.	Rs.	Rs.
Peshawar ...	Peshawar ...	Enlarging Post Office	2,757	220	2,537
Kohat ...	Mustaon ...	Ravelins for Mules, &c.	3,895	...	3,895
Do. ...	Do. ...	Pegs, Shelves and Arm racks for all Posts...	2,996	...	2,996
Do. ...	Do. ...	Water-supply and encamping grounds along the North-West Frontier Road, Section Kohat to Lattammar	2,500	6	2,494
Do. ...	Kohat ...	Additions to record room of Deputy Commissioner's Court	4,500	2,225	2,275
		Road Bahadur Khel to Thull	4,900	2,249	2,741
Delhi ...	Delhi ...	Constructing 5 additional cells for criminal lunatics, and padded cells for the same in the Lunatic Asylum	3,600	...	3,600
Ambala ...	Sanawar ...	Restoration of the Lawrence Military Asylum buildings	1,87,000	1,79,898	7,102
Do. ...	...	Special repairs, Shahabad-Jagadhri road ...	11,000	8,586	2,414
Lahore ...	Multan ...	Strengthening solitary cells and providing iron grated doors between the cells and court yard of District Jail	5,700	3,571	2,129
Dera Ismail Khan	...	Constructing new gaps at miles 140, 141 and 153 and causeways at miles 179, 188, 198 North-West Frontier Road	15,000	10,537	4,463
Do. ...	...	Taking up land for North-West Frontier Road, section Peyzu to Dera Ismail Khan	3,526	374	3,152
		Total ...	2,49,374	2,07,666	39,798

44.—IMPERIAL MILITARY WORKS.

27. The total expenditure was Rs. 2,11,165 (*vide* details in Table B, page 20.) The outlay on Major Works, Rs. 50,885, will be found in Appendix A, but that incurred on Minor Works, Rs. 20,589, is not included in the accounts of this Department, the amount being debited to the Military Works Department, against allotments made by the Director-General of Military Works in India. This arrangement will, however, now terminate, beginning with the official year 1893-94.

28. The principal works executed, or in progress, were as follows :—

Combined Water-supply and Sewage scheme, Kohat. The sewage works were finished, and the water-supply approaching completion.

Guides' Memorial at Hoti Murdan, practically finished with the exception of fixing the finials and altering tablets.

Water-supply at encamping ground along the North-West Frontier road. Nothing was done on the section between Kohat and Lattammar, as the project was under preparation. On the Peyzu-Dera Ismail Khan section, all sanctioned works were approaching completion.

29. Other works in progress were :—The drainage of the Royal Artillery and Cavalry Lines at Dera Ismail Khan ; provision of galvanized iron tanks for shelter sheds at encamping grounds along the Dera Ghazi Khan-Loralai road ; and construction of wards for infectious diseases for the Garrison Hospital at Bannu.

30. The question of metalling the Dera Ismail Khan-Tank-Murtaza road was also under consideration. The orders of the Government of India, that work should be undertaken, were received too late to allow of any measures being taken beyond putting up certain iron mile posts and collecting materials for proposed culverts on the Tank-Murtaza section, and improving the Dera Ismail Khan-Tank section from Provincial funds which was being carried out independently of the general question of metalling the entire length.

31. The works completed were :—Mule sheds in Artillery Lines, and quarters for transport followers at Edwardesabad.

32. The following works debitable to the grant for Imperial Military Defence Works were also undertaken at Lundi Kotal in the Khyber Pass :—

- (a) Excavating three tanks,—completed.
- (b) Second Reservoir. Materials collected but work kept in abeyance pending the settlement of the general question of supply of water to the Serai.
- (c) Tangai Water-supply ; Pipe laid ; dry stone walling constructed to bottom of ravine below proposed service reservoir, and excavation of site of reservoir nearly completed. Work was held in abeyance pending sanction to the estimate by the Government of India.

33. Certain minor works and repairs in connection with the Military posts and roads on the Samana were also put in hand, but owing to the inclemency of the weather and the difficulty of obtaining skilled and ordinary labor, could not be finished.

45.—IMPERIAL CIVIL WORKS.

34. The total expenditure was Rs. 3,25,779, *vide* details in Table B, page 20. The outlay on Major and Minor Works Rs. 1,98,831 will be found in Appendix A.

CIVIL BUILDINGS.

35. *Post offices.*—The additions and alterations to the Post Office at Peshawar were put in hand, but as one of the walls required reconstruction the work was held in abeyance pending sanction to a revised estimate.

36. *Telegraph Buildings.*—The second godown for the new Telegraph office at Rawalpindi was commenced, and the walls built up to about 5 feet above ground level ; all doors and door-frames were also fixed.

The additions and alterations to the Telegraph office at Lahore were practically completed.

37. *Administration including Miscellaneous.*—The expenditure under this head is exclusively confined to the Imperial buildings at Simla.

The following works were in progress :—Purchasing cooking utensils for Viceregal Lodge chargeable to the grant for furniture at the disposal of the Military Secretary to the Viceroy ; improving precautions against fire in the Public Works Department Secretariat buildings ; new quarters for 20 peons of the Public Works Department Secretariat, and alterations to Sunnyside to provide accommodation for 51 Secretariat and other peons.

Those completed were :—A small reservoir near engine-house ; rebuilding stables at the " Boorj " ; extra quarters for servants at Viceregal Lodge ; rebuilding retaining walls on Peterhoff road and at entrance to Armsdell ; and improving the defective drainage of the Clerks' Cottages.

COMMUNICATIONS.

38. *Dera Ghazi Khan-Loralai road* 68 miles.—Miles 14, 15, 23, 24 and 25 were metalled and the entire metalling from miles 12 to 29 practically completed. Rs. 11,068 were spent on maintenance charges or Rs. 163 per mile.

North-West Frontier road (199¾ miles), Khushalgarh to Dera Ismail Khan. Nothing was done on the section between Khushalgarh and Lattammar, the works being complete, but the following works were carried out on the remaining section. Gaps in miles 141 and 143 were commenced and completed and those at miles 137 and 140 were approaching completion. The foundations of the gap at mile 188 were excavated and concrete and brickwork laid ; 150 feet of flooring was also finished. Materials for the proposed bridge over the Domel nulla were collected, and steps taken to acquire extra land for the whole length to define Government rights. Rs. 56,279 were spent on maintenance charges or Rs. 282 per mile.

39. A sum of Rs. 22,943 was credited to Imperial Revenues under this head on account of Imperial Tools and Plant originally obtained for the construction of the Frontier roads taken over for Provincial Works in the Dera Ghazi Khan and Dera Ismail Khan Provincial Divisions.

MISCELLANEOUS PUBLIC IMPROVEMENTS.

40. A sum of Rs. 93,669 was contributed in part payment of an Imperial grant-in-aid of Rs. 1,43,669, for the water-supply and sewage extension works at Simla, *vide* para. 69.

PROVINCIAL CIVIL WORKS.

Including Incorporated Local (District), Municipal, and Contribution Works.

41. Apart from the expenditure on Contribution Works, Rs. 7,64,991 (*vide* Table D. page 22) which includes Municipal and other funds realized and accounted for under head "Deposits," the aggregate outlay was Rs. 47,33,890, of this sum Rs. 18,89,589 was spent on Original Works, Rs. 19,93,859 on Repairs, Rs. 8,50,448 on Establishment, Rs. 49,569 on Tools and Plant, and Rs. 49,575 were credited under Provincial Suspense accounts, *vide* Table C. page 21.

CIVIL BUILDINGS.

42. *Land Revenue.*—Additional accommodation consisting of rooms for 2 Extra Assistant Commissioners ; 3 Honorary Magistrates ; 1 Munsif ; 1 Tahsildar ; 1 Naib Tahsildar ; 1 Munshi Khana ; Tahsil office ; 1 bar ; 1 spare, and 4 rooms for the Police were provided for the District Court at Delhi at a cost of Rs. 52,509. New Treasury strong rooms were completed at Amballa and Bannu, and the following works in progress :—New Tahsils at Hansi and Fattehabad ; combined Tahsil and Thana at Nurpur ; fortified Tahsil at Hangu ; new Record room for District Court, Hissar, and additions and alterations to Record rooms of District Courts at Kohat, and Jhang.

The Tahsil building at Gulah was re-roofed.

43. *Excise*.—The office of the Commissioner of Excise, Punjab, at Lahore was completed, and 8 additional rooms for the new Distillery at Amritsar were in course of construction.

44. *Residence for Local Government*.—Certain additions and alterations to Government House, Lahore, were carried out at a cost of Rs. 14,997.

45. *Secretariat Buildings*.—The quarters for the resident clerk of the Civil Secretariat at Lahore were in progress, and record racks provided for the same office.

46. *Finance and Currency*.—Additions and alterations to the Paper Currency office at Lahore were in fair progress.

47. *Minor Departments—Monuments and Antiquities*.—Ordinary and special repairs for the preservation of the following buildings were carried out to the extent of the allotments made. Buildings in Forts Rohtas and Lahore; Satghara temple at Katas; the Dewan-i-Khas, and Ferozeshah's and Najif Khan's tombs at Delhi; Sheik Chillis tomb at Thanesar; Shalimar gardens; the tombs of Emperor Jehangir and Maharajah Ranjit Singh at Lahore; and the old Idgah at Multan.

The new Museum at Lahore was completed.

48. *Law and Justice*.—The works in progress were:—New Munsifs' Courts at Jhelum, Gujrat, Hafizabad, Shahpur, Alipur and Batala; and alterations to the Munsif's Court at Phillour.

Those completed were:—Munsifs' Courts at Rupar, Sialkot, Jullundur, and Muzaffargarh; Court House for District Judge, and additions and alterations to the Divisional Judge's Court at Jullundur; and a Court House for the District Judge at Lahore.

49. *Ecclesiastical*.—The extension of the Protestant Cemetery at Lahore was practically finished.

50. *Jails—Central Jails, Amballa*.—Work on the new Jail was suspended in August 1892 awaiting sanction to the estimate which was deferred pending a decision as to the standard designs to be adopted and the settlement of the question of the water-supply. Some brick and tile manufacture was carried out; kunkar collected for lime; and iron gratings and doors for four barracks made up. The engine-house and grinding factory were completed; and measures for carrying out surface drainage and for filling hollows and depressions in active progress.

Lahore.—The water-supply was completed and certain supplementary works, including a three-throw pump and shed over the capstan of the 2nd Supply well were in progress. A shed for carpenters and blacksmiths was also finished.

Mooltan.—Partition walls for the division of the Jail into separate areas were provided, and the new manufactory and prisoners property godown, and the Residence for the Superintendent of the Jail well in hand; the progress on the Residence was retarded owing to the want of skilled prison labor.

Montgomery.—Estimated cost Rs. 3,55,642, excluding certain supplementary works under consideration. This work is being carried out by prison labor. The following works were completed. All renewals, &c., in connection with the old Jail; 9 sleeping barracks for 650 prisoners; 6 blocks of solitary cells for 150 prisoners; additions to hospital for 50 patients; 5 latrines with ablution platforms; bathing platforms; enclosure walls; cook-house godowns; 2 wells for water-supply pumps; iron tank and tank house; two garden wells with sheds and Persian wheels; Superintendent's house with out-buildings, and quarters for the married menials. Those in progress were:—Work shed for women; female ward; general cook house; additions to hospital cook house of Civil ward;

gateway and offices ; Jailors and Hospital Assistants quarters ; European ward with cook house ; bug boiler, and the drainage works.

51. *District Jails.*—The new Jail with auxiliary buildings at Abbottabad was completed at a cost of Rs. 65,288 ; new solitary cells were provided at Delhi ; walls of solitary cells raised at Ludhiana ; alterations made to the main gate and grain godown, and the existing godown, converted into an office at Gurdaspur ; iron grated doors and windows and gratings provided to barracks and other buildings at Bannu and Dera Ismail Khan ; and night latrines constructed at the latter.

Active progress was also made in strengthening the solitary cells and providing iron grated doors between the cells and court-yard of the Multan Jail.

52. *Police.*—Provincial Buildings. With the exception of the water-supply, the pipes and fittings of which were being laid, the new lines at Delhi were completed at a cost of Rs. 76,254. The Police station at Gulah was re-roofed and the following other works constructed : fortified serai at Jandola, rest houses at Ellenabad and Kirpilian ; police stations at Ghazi, Sherwan, Dadiwala and Chakrala ; hospitals at Dera Ismail Khan and for the Border Military Police, Peshawar, and a havalat and malkhana at Tank.

The purchase of McGuffin's Hotel for use as a police station and rest house at Dalhousie was effected, but the building was considerably damaged by a heavy fall of snow and renewals will shortly be carried out to make it fit for use.

The work on the 2nd class police station at Singhour was also greatly hindered by the winter rains and the difficulty of obtaining labor. There are no roads to the place and this renders the transport of material to site most difficult.

Municipal Buildings. The following works were carried out :—quarters for the District Superintendent of Police, Simla ; re-roofing A Division, police barracks at Amritsar ; additions to the police barrack in the Sialkot Fort ; police chowkis at Rawalpindi, and police stations at Hustnagri, Yakatut and Dabgari gates at Peshawar.

53. *Educational.*—Provincial Buildings. The restoration of the Lawrence Military Asylum, Sanawar, estimated to cost Rs. 3,78,061 was pushed on and Barrack No. 1 built up to 1st floor, and No. 4 to roof level. The bakery, laundry and one kitchen were completed to a height of 4 feet above floor level. All the roofing was ready, and almost all English material indented for received. Work was suspended from the 30th April to 9th June 1892 owing to an outbreak of cholera, and from 10th September to 16th November 1892, owing to a paucity of funds, due to other urgent and pressing demands and the withdrawal of a sum of Rs. 45,000 from the Provincial assignment of the year.

The Boarding House of the Government College, Lahore, was completed at a cost of Rs. 53,496 and the following works also finished :—additions to the office of Inspector of Schools, Rawalpindi ; residence for the Principal of the Government College, and additions and alterations to the Central Training College, Lahore. The outhouses for the Mayo School of Arts, Lahore, were approaching completion and a sum of Rs. 3,000, was contributed as a Provincial grant-in-aid for the completion of the Mahomedan Madrassa at Ajmere gate Delhi. Work was also undertaken in connection with the completion of the chapel at the Memorial Asylum, Murree, but owing to the inclemency of the weather it could not be carried out.

District Buildings. The new school at Sujarpore was completed ; and the Boarding house at Pusrur ; new school at Edwardesabad ; and additions to schools at Shahpur and Sharkot were in progress.

Municipal Buildings. A building was purchased for the Arts school at Amritsar, and certain land acquired for the new school at Peshawar. A sum of Rs. 2,000 was contributed for the Edwardesabad school.

54. *Medical.*—Provincial Buildings. The new Anatomical Laboratory in connection with the Mayo Hospital, Lahore, was completed at a cost of Rs. 32,843. New cells were provided for the Lunatic Asylum at Delhi, and extensive additions and alterations carried out to the Veterinary school at Lahore.

District Buildings. The dispensary at Ahmedpur was completed, and the following works in progress:—additions to dispensary at Balachor; special repairs to dispensary at Una; quarters for the Assistant Surgeon at Pindigheb, and a new dispensary at Mehta, fast approaching completion.

A sum of Rs. 15,033 was contributed for the civil hospital at Amballa.

Municipal Buildings. The dispensary at Rupar was completed, and funds placed at the disposal of the Public Works Department for the construction of the civil hospital at Amballa, and the new dispensary at Gujrat.

55. *Miscellaneous.*—Provincial Buildings. Civil Rest houses were completed at Madina, Chauntala, Behuna, Budladah, Una, Duman and Campbellpur; and in progress at Thatti Noor Ahmed Shah, Tarn Taran, Ikhlaspur and Mullazai. The combined office and residence for the Executive Engineer, Kohat, was well advanced; and the residence for the Colonization Officer, Chenab Canal at Shahkot, practically finished. Steps were also taken for surveying and demarcating Government land attached to Provincial buildings in the Dera Ismail Khan Division.

District buildings. Rest houses were being erected at Bhattu and Paharpur, and fair progress made.

56. *Contribution Works, Civil Buildings.*—Dufferin Hospital, Delhi. Estimated cost Rs. 1,39,667. The total expenditure to the close of the year was Rs. 1,38,281. The work is complete with the exception of a portion of the water-supply arrangements which are being pushed on.

Jubilee Museum, Lahore. Estimated cost Rs. 1,41,354. Rs. 57,441 were spent during the year. With the exception of some ornamental work which was being carried out by the Principal, Mayo School of Arts, the building was practically finished.

The civil dispensary at Gujrat, new hospital at Amballa and Mahomedan Madrassa at Delhi, were also carried to completion.

COMMUNICATIONS.

Metalled and bridged and unmetalled roads. Provincial roads. Grand Trunk road Delhi to Lahore (312 miles). Cost of maintenance Rs. 1,31,434 or Rs. 421 per mile. The masonry bridge over the Jodha nulla at mile 114 was completed at a cost of Rs. 32,836. The work was rendered very difficult and tedious owing to heavy floods. The Markanda protective works at mile 109 were well advanced.

Lahore and Peshawar road, 270 miles. Cost of maintenance Rs. 82,915 or Rs. 307 per mile. Boundary pillars were erected in the section in the Rawalpindi District.

Hazara Trunk road—Hassan Abdal to Muzaffarabad, 85 miles. Cost of maintenance Rs. 17,488 or Rs. 206 per mile. The metalling of the sections Hassan Abdal to Haripur and on to Abbottabad having been sanctioned, a commencement was made on the former section. $3\frac{3}{4}$ miles were metalled and metal collected for about 13 miles more.

Murree-Kohala road, 27½ miles. Cost of maintenance Rs. 11,987 or Rs. 436 per mile. A bridge was constructed at mile 47 and all work in connection with the clearing of slips and rebuilding parapet walls brought to a close. The metalling of 23½ miles was also nearly completed, the work was impeded by heavy rains.

Rawalpindi-Murree road, 39 miles. Cost of maintenance Rs. 34,356 or Rs. 880 per mile. Certain improvements, including realigning and sloping gradients were carried out on the section Baracow to Murree.

Amballa-Kalka-Simla road, 93 miles. Cost of maintenance of section Amballa to Kalka, 35 miles, Rs. 15,939 or Rs. 455 per mile, and section Kalka to Simla, 58 miles, Rs. 57,879 or Rs. 998 per mile. Eight carriers shelter sheds were completed on the Kalka-Simla section and certain protective measures carried out in connection with the landslips at the 6th and 7th miles beyond Kalka. Training works estimated to cost Rs. 55,194 were also in active progress at the 7th mile.

Kangra Valley Cart road, 73 miles. Cost of maintenance Rs. 19,511 or Rs. 267 per mile. The bridges over the Bunoye and smaller Manjhi streams at miles 46 and 48 and at Chambi khud, mile 43, were completed, and those over the larger Manjhi stream at mile 48, and Grail and Khauli khuds at miles 22 and 41, respectively, in progress. The diversion of the road from the Lyall Viaduct to the Grail khud at mile 13 was, with the exception of some culverts and side drains, also practically completed.

Hindustan-Thibet road, 175 miles. Cost of maintenance Rs. 14,504 or Rs. 83 per mile. The section from Thanadar to Jangi was being widened to 6 feet, and about two-thirds of the rock cutting finished.

Approach roads to stations at Taraori, Amin, Narela and Ganour on the Delhi-Amballa-Kalka Railway, were in active progress; that at Kalka was approaching completion, and at Dhulkot completed.

The metalling of the Lahore-Sheikhupura road was well advanced the section embracing the first 9 miles being completed.

Five miles of the Nowshera-Murdan road were also metalled.

The Murree-Abbottabad road, section in Rawalpindi District, and Dalhousie-Pathankot road, section Pathankot to Dunera, were both improved and special repairs, including the strengthening of bridges and culverts, pushed on on the Shahabad-Jagadhri road.

The Gomal Pass road with a track 28 miles from Kajuri to Khasmir Kar, and the Bahadur Khel-Thull road, section between Thull and Dullan, were completed.

The post at Spinkai and the Chuhar Kheyl-Dhana road were both well advanced, and materials collected for improving the Dera Ismail Khan-Tank road.

District Roads, etc.—The metalling of the Nurpur-Shahar road in the Rawalpindi District was completed, and of the Delhi-Najafgarh; Nakodar-Nurmahal; Gurshankar-Banga; and Sialkot-Amritsar roads in progress.

The unmetalled roads Sonapat to Fermana and Gohana were being raised and bridged and that from Bhiwani to Mahm under construction.

Bridges were also constructed over Bara-Akhbarpura, Surin Sidhni-Talumbi road and the Sikunderabad Canal, and in progress over Batala-Dera Nanak road, Sukh Bera-Shujabad road and Khushab Beni and Sardar Wah Canals in the Multan District.

57. Excluding station roads, there were 26,262¼ miles of road in the Province at the close of the year. 2,508½ miles were metalled and 23,753¾ unmetalled classified as under :—

	Metalled.	Unmetalled.	Total.
Imperial	232½	610	742½
Provincial	1,530½	2,813½	4,343½
District	745½	20,430½	21,176
Total	2,508½	23,753¾	26,262¼

Of the Imperial roads 492½ miles were maintained under direct management and 250 miles kept in repair, by the District Public Works Establishment from funds provided by Superintending Engineers. Similarly 2,676¾ miles of Provincial roads were under the direct charge of Executive Engineers, 29¼ miles within the limits of certain cantonments kept in repair by the Military Works Branch, 1,268½ miles maintained by the District Fund Establishment, and 369¼ miles transferred to the Local Boards for maintenance.

The District roads were all maintained by the District Fund Establishment.

58. *Boat Bridges and Ferries.*—Boat bridges were maintained at Khushab over the river Jhelum; at Khushalgarh, Dera Ghazi Khan and Dera Ismail Khan over the Indus; at Shahdara and Chichawatni over the Ravi; at Nowshera and Dobandi over the Kabul; at Daodzai over the Adozai, Nagoman, and Shah Alum branches of the Kabul; at Rajghat, Mamarpur, Chainsa, Sanauli and Mirgham over the Jumna, and at Dera Gopipur over the Beas. Steam ferry services were also employed at Dera Ismail Khan and Dera Ghazi Khan and worked under the management of the North Western Railway. There were 408 ferries and with few exceptions were all leased to contractors.

The Boat Bridge at Nowshera was swept away by a flood on the 2nd August 1892, and reconstructed and opened for traffic on the 5th September following.

The capital outlay on Boat Bridges and Major Ferries on 31st March 1893, was Rs. 5,47,868, *vide* appendix G, the cost of their maintenance Rs. 1,20,416, and the financial results as follows:—

	Rs.
(1). Gross income	1,36,893
(2). Cost of maintenance	1,20,416
(3). Net income	16,477
(4). 4 per cent. interest on capital cost	21,914
(5). Net loss on interest	5,437

The net income credited to Provincial Revenues from all boat bridges and major and minor ferries was Rs. 1,73,377.

The Kohalla suspension bridge over the river Jhelum was leased but that at Gurhi Habibulla over the Kunhar, a tributary of the Jhelum was free of toll.

59. *Accommodation for Travellers.*—Provincial Buildings. The roof of the Dak bungalow at Mamool on the Dalhousie-Pathankot road was renewed and hospital accomodation provided for the Khyber rifles at Jamrud.

District Buildings. The serai at Nathiagali, in the Hazara District, was commenced and about half finished.

60. *Arboriculture.*—The Provincial operations summarised were:—

Nurseries.—8·11 acres added, 6·54 acres given up or transferred to groves and 22·90 acres remaining.

Plantations.—2·50 acres sown, ·80 acres failed, and 157·42 acres remaining.

Groves.—2·94 acres planted or transferred from Nurseries, 3·79 acres failed, 1153·72 acres remaining.

Avenues.—73·53 miles planted, 65·74 miles failed, and 864·19 miles remaining.

Expenditure.—Rs. 47,874, income Rs. 26,372, or a loss of Rs. 21,502.

MISCELLANEOUS PUBLIC IMPROVEMENTS.

61. *Town Buildings.*—The District Board Office at Gujranwalla was completed and the following Municipal Works carried out:—alterations and repairs to the town hall at Dalhousie ; Victoria Jubilee hall at Lahore ; Local Fund office at Dera Ghazi Khan, and a godown and stables at Edwardesabad. The works in progress were:—outhouses for the Victoria Jubilee hall at Lahore ; clock tower at Multan ; and additions and alterations to the Municipal hall at Rawalpindi.

62. *Water-supply.*—Provincial Works. Experiments for the Amballa water-supply were in progress, and the water-supply works at the Dunera encamping ground on the Dalhousie-Pathankot road, for which an Imperial contribution of Rs. 2,900 was obtained, commenced.

The Irrigation channel from the Nili Katch Spring in the Gomal Pass was also started and all earthwork completed.

A sum of Rs. 47,710, excluding Establishment and Tools and Plant charges, was also contributed in part payment of the Provincial grant-in-aid of Rs. 1,43,669 for the Simla water-supply and sewage extension works at Simla, *vide* para. 69.

District Works.—The Water-supply at Zearat Kakka Sahib, in the Peshawar District, and the Sursuti Canal, in the Karnal District, were in progress. The estimate of the latter work was approved by the Chief Engineer, Irrigation Branch, but the regular sanction of the Punjab Government in the Civil Department is awaited.

Municipal Works.—A water pipe was laid along the Jhind road at Lahore, and the Hastings memorial fountain at Peshawar completed. The Mozung water-supply at Lahore ; 3 new wells at Multan ; distribution of the water-supply in the city of Rawalpindi estimated to cost Rs. 99,264 ; and a masonry tank at Zira in the Ferozepore District were in active progress. A sum of Rs. 15,272 was also contributed towards the Kohat water-supply scheme.

63. *Markets, Municipal Funds.*—The re-roofing of the old market at Simla was practically completed, and the bazar street roofing at Dera Ghazi Khan, in progress.

64. *Paving Streets.*—Provincial. All work in connection with the widening and improving of the Mall at Lahore was completed at a cost of Rs. 42,196.

Municipal.—The retaining wall and buttress of the Combermere ravine at Simla was completed, and the following works in progress:—new streets and lanes in Jhunda Singh Bagh at Amritsar ; metalling Jubilee road at Jundiala ; widening streets in Mozung at Lahore ; pucca pavements at Isa Kheyl, Bannu District, and a pucca road at the back of the jail at Dera Ismail Khan.

65. *Sewage and Drainage.*—District Funds. The drainage works at Mahru and Mongashpore, and the drains at Teori and Mohamadpore-Majra in the Delhi District, were all completed.

Municipal.—The following works were in progress:—drains at Faridabad, Delhi District ; Kacha Killa Toba drain at Hoshiarpur ; and kacha drains including the Mozung drain and intercepting sewers outside Taksali and Masti gates at Lahore. Funds were also provided for the drainage works at Ludhiana and Jullundur, and the intra-mural drainage at Gujranwalla which are being carried out as Contribution Works.

66. *Conservancy.*—Two circular latrines were being constructed from Municipal funds at Amritsar, and were about half finished.

67. *Miscellaneous.*—A stand and enclosure for cattle fairs was under construction from Municipal funds at Amritsar.

68. *Contribution Works.*—The special repairs to the Kalka water-supply were completed, and the new Local Fund office at Shahpur more than half finished.

Delhi Water Works.—Commenced in December 1890 and estimated to cost Rs. 10,42,227. Rs. 9,39,765, spent to the close of the year.

Head Works. Half of the 43 wells sunk in 1891-92, were covered in with a continuous concrete arch, and the protective bund for the 2nd half of the wells completed with the exception of the stone pitching towards the river side, which will be done so soon as the Jumna falls to its normal hot weather level. The pumps and boilers have been erected, and the service reservoir; rising main and city distribution pipes also finished.

The water works were formally opened by His Honor the Lieutenant-Governor in October 1892, and water has since constantly been supplied to the city at the rate of 4 to 5 gallons a head.

Drainage Works, Part I of the Scheme. Estimated to cost Rs. 4,49,368. Work is in abeyance pending an allotment of funds.

Simla Water-supply and Sewage extension works. The estimates were sanctioned for Rs. 3,81,856, and Rs. 2,05,482, respectively, including Rs. 65,709 for Establishment and Tools and Plant charges, and it was decided that the cost should be met as follows :—

	Rs.
(a). Municipal Funds. ...	3,00,000
(b). Imperial Contribution ...	1,43,669
(c). Provincial do ...	
(1). Grant ...	77,960
(2). Establishment and Tools and Plant charges. }	65,709
	1,43,669
	Total Rs. 5,87,338

For item (a) a loan of Rs. 3,00,000 was sanctioned by the Government of India.

The total work expenditure to the close of the year amounted to Rs. 3,84,989, *i.e.*, to Rs. 2,79,905 on the Water-supply and Rs. 1,05,084 on the Sewage works.

The work on the water works commenced in June 1892, and the following progress was made:—Catchment area made over to the Municipality; separating weir half finished; three filter beds, excluding pipe connections, practically finished; engine room completed and roofed; boiler walls built up to roof level; chimney 50 feet above ground; masonry of back retaining wall and feed reservoir finished; boiler iron work in position; and brick setting in hand. The engines, main pumps, steam cylinders, condensers, and air pumps were in position; steam and water pipe connections in hand, and the workshop, engine driver's quarters and road to Cherot nulla from the tunnel, completed.

Gravitation mains.—With the exception of special pipes awaited from England all pipe laying up to the Toll bar was finished. About 800 feet between the Toll bar and the relieving tank is all that now remains to be done to complete this work.

The sewage works were also commenced in June 1892, the pipe tracks for both lines, were completed, and the pipes placed in position. About 1,500 feet of pipe laying was done on the Boileaugunge line, and that for the Chota Simla line started.

Ludhiana city drainage.—Commenced in November 1889. All works with the exception of the eastern outfall and sewage drain at tail of outfall were completed. The total outlay to end of March was Rs. 1,37,970 against the sanctioned estimate of Rs. 1,42,311.

Amballa city water works.—The plans and estimates have been prepared, and materials collected to a small extent pending sanction to the same.

Dalhousie water-supply.—Estimated cost Rs. 50,336. Work commenced in January 1892. The head works in the Sohali stream were completed and the reservoirs in progress. All the wrought iron piping had arrived from England and most of it delivered at site. Work was suspended during the winter months and could not be resumed till the 30th April owing to the snow which lay all along the track line. Trenching and laying of pipes was in active progress.

Gujranwala intra-mural drainage.—Estimated cost Rs. 31,740. The progress on this work was limited to the extent of the allotment provided by the Municipality. Nearly all the main streets are now well drained. The scheme does not, however, admit of alterations being made to the drains in the narrow lanes and bye streets in the city, and this must be considered hereafter to ensure the scheme being a success.

69. Provincial Revenues were credited with a sum of Rs. 7,230 on account of funds advanced for the construction of the Ghazipur bund in connection with the spills from the Tangri river and the protective works in connection with the river Beas near the village of Bhikowal, and re-appropriated for outlay on Provincial works.

70. *Establishment.*—The following table shows the financial adjustment of the outlay on Works and Repairs and Establishment, and the proportionate percentage charge for Establishment as compared with the outlay on Works and Repairs.

1892-93.	EXPENDITURE.		ESTABLISHMENT PER CENTAGE.
	Works and Repairs.	Establishment.	
Imperial Military	1,93,362	36,209	18.7
Do. Civil	2,83,398	46,760	16.5
Total Imperial ...	4,76,760	82,969	17.4
Provincial	23,65,418	7,11,422	30.1
Contribution Works	7,46,242	27,859	3.7
Total Provincial ...	31,11,660	7,39,281	23.8
Total Imperial and Provincial ...	35,88,420	8,22,250	22.9
Local District	8,79,368	1,22,865	13.9
Municipal	6,38,662	16,161	2.5

But the actual percentage on the entire work done (excluding Tools and Plant) by the various Establishments employed gives the following results:—
vide Table A, page 19.

Public Works Establishment.	EXPENDITURE.		ESTABLISHMENT PER CENTAGE.
	Works and Repairs.	Establishment.	
Provincial	(a) 34,31,239	8,23,888	24·01
Local District	10,31,348	1,21,228	11·8
Municipal	5,97,981	16,161	2·7

(a)—Excludes Rs. 5,201 on account of expenditure in England and loss by Exchange.

71. If the Provincial P. W. D., had received the uniform rate of 23 per cent. for all Contribution Works, the credit would have been Rs. 1,76,367 instead of Rs. 30,087, and the Establishment charge would thus have been reduced from Rs. 7,11,422 to Rs. 5,62,920 and its percentage from 30·1 to 23·8.

72. The distribution of charges on the entire Provincial Establishment amounted to:—

	Cost.	Percentage.
	Rs.	Rs.
Direction	2,20,576	6·2
Construction	5,79,077	16·1
Accounts	22,597	·6
Total	8,22,250	22·9

73. *Direction.*—The services of Colonel A. LeMessurier, C. I. E., R.E., having been placed at the disposal of the Military Department on his attaining the age of 55 years, that officer vacated the office of Chief Engineer and Secretary to Government, Punjab, on the afternoon of the 23rd June 1892, making over charge to Lieutenant-Colonel G.F.L. Marshall, R.E., who held charge for the remainder of the year. Lieutenant-Colonel Marshall had the honour of receiving the Order of Companion of the Indian Empire during the year.

74. The First Circle of Superintendence was held throughout the year by Mr. H. A. S. Fenner; the Second Circle by Mr. T. E. Ivens, from the 1st April to 11th November 1892, and by Mr. E. E. Oliver, from the latter date to the close of the year, and the Third Circle by Lieutenant-Colonel E. Harvey, R.E., from 1st to 14th April 1892, by Mr. E. E. Oliver, from 15th April to 11th November 1892, and thereafter by Mr. T. E. Ivens, to the close of the year.

75. Of the total number of 44 officers of the Engineer Establishment attached to the General Branch the following were absent during the year on long leave and deputation for the periods specified.

Long leave.

Lieutenant-Colonel E. Harvey, R. E., for 6 months.

Mr. A. C. L. Learmonth, for 6½ months.

„ R. B. Yates, Executive Engineer, for 8½ months.

Capt. R. S. Maclagan, R. E., for 4 months.

Mr. J. M. Taylor, Assistant Engineer, for 9 months.

„ A. E. Orr, „ „ for the whole year.

„ F. Farley, „ „ for 6 months.

Deputation.

Mr. W. H. Johnson, Executive Engineer, to Kashmir for 7 months.

Captain H. E. S. Abbott, R. E., to Chatham Military School of Engineering, for 8 months.

Captain R. S. Maclagan, R. E., ditto. ditto.

76. Lieutenant-Colonel E. Harvey, R. E., was permitted to retire from the service at his own request and Messrs. C. B. Mellor, and G. J. O'Brien Temporary Engineers, to resign their appointments.

77. *Commendations.*—The thanks of His Honor the Lieutenant-Governor were conveyed to Mr. C. E. V. Goument, for the creditable service rendered by that officer in connection with the Water Works extension at Simla, and the acknowledgments of the Chief Engineer were conveyed to Mr. B. G. Wallis for the vigour and promptitude with which that officer met the emergency both as regards temporary remedial measures and conduct of traffic at the heavy landslips at the 6th and 7th miles of the Kalka-Simla Cart road.

78. The office of Examiner, Public Works Accounts, Punjab, was held by Mr. D. C. Gordon throughout the year.

79. Assistance to Local Boards. The assistance rendered by the Public Works Department to the District and Municipal Boards is summarised below :—

CIRCLE.	ESTIMATES AND PLANS CHECKED.		PROJECTS PREPARED.		WORKS INSPECTED.	WORKS UNDER EXECUTION BY P. W. D.	
	No.	Amount.	No.	Amount.	No.	No.	Amount.
		Rs.		Rs.			Rs.
First	26	1,06,698	3	31,980	5	5	38,362
Second	12	63,400	8	2,71,326	39	9	5,04,331
Third	23	1,68,567	1	20,000	10	2	27,698
Total	81	3,38,665	12	3,23,306	54	16	5,70,441

80. *Inspections.*—The divisional offices at Peshawar, Rawalpindi, Kohat, Dera Ismail Khan, Dera Ghazi Khan, Lahore, Amritsar, Simla, Amballa, Delhi and Jullundur were inspected by Superintending Engineers, and with the exception of Kohat were all found in fair order. Those at Peshawar, Rawalpindi, Kohat, Delhi, Amballa, Simla, Jullundur, Lahore, Dera Ismail Khan, and Dera Ghazi Khan, were also inspected by the Deputy and Assistant Examiners, and were found generally to be in a satisfactory state. The cash books of the Public Works Department Secretariat and the three Circles of Superintendence were inspected, and reported to be fairly correct.

RAILWAYS.

81. *Rajpura-Bhatinda Railway, 108 miles.*—This line continues to be maintained and worked by the North Western Railway.

A sum of Rs. 93,504 was spent on works in progress and new works.

Rajpura Station.—One block 4 Clerks' quarters ; one set guards' quarters with outhouses ; one block 6 menials quarters ; lengthening turn-table siding to 700 feet ; and water-supply to European quarters were completed.

Patiala Station.—The carriage shed for His Highness the Maharaja of Patiala was finished.

Dhablan Station.—Passenger platform, new goods siding and shortening-main and loop sidings were completed.

Nabha Station.—The end loading platform and drain in the station yard, and cook house and quarters for the cook of His Highness the Raja of Nabha were completed.

Chintanwala Station.—Passenger platform, new goods siding, and shortening main loop siding, completed ; and, a block of permanent way gang quarters, in progress.

Dhuri Station.—Passenger platform, end loading platform, shortening main and loop siding, and approach road to goods shed were completed.

Alal Station.—Passenger and goods platform, new goods siding and shortening main and loop siding, completed.

Branala Station.—Goods platform, open goods shed, new goods siding and approach road to goods shed, completed. Quarters for Permanent Way Inspector in progress.

Tappa Station.—Passenger and goods platforms, new goods siding and shortening main and loop siding, completed.

Rampura Phul Station.—Passenger and goods platforms, new goods, siding and shortening main and loop siding, completed ; open goods shed with small office, in progress.

Bhuchchu Station.—Passenger and goods platforms, new goods siding and shortening main and loop sidings, completed.

Bhatinda Station.—Alterations and additions to Permanent Way and yard ; approach road from Bhatinda Bazar to goods platform, North-Western Railway ; and water closet for European Guards' running room, completed.

Third class waiting sheds were completed at Dhuri, Tappa, Burnala and Rampura Phul stations.

Pointsmen's wooden boxes ; gate lodges ; posts ; chains for gate lodges and erecting signals, completed.

Wells for Permanent Way gangs quarters at mile 1071 $\frac{1}{2}$ and 1073 $\frac{3}{4}$ in progress.

82. *Delhi-Amballa-Kalka Railway.*—The length opened to traffic on 31st March 1893, was 178·16 miles, *i.e.*, single line 161·39 miles, catch sidings 0·73 miles and sidings 16·04 miles.

Rs. 1,210 were spent on account of compensation for land taken up, making the total payment to the close of the year Rs. 5,28,687.

No important works were carried out. The junction arrangements at Delhi Station were in progress.

The line continues to be worked by the East Indian Railway.

TABLE A.

Statement showing the Public Works Expenditure incurred by the Punjab Provincial, District and Municipal Fund, Public Works Establishments, during 1892-93.

HEADS.	EXPENDITURE.							REMARKS.
	Imperial, Military.	Imperial, Civil.	Provincial.	District.	Municipal.	Private and other Funds.	Total.	
<i>By Provincial Public Works Establishment.</i>								
Works	Rs. 50,885	Rs. 1,38,831	Rs. 12,13,664	Rs. 18,464	Rs. 5,97,319	Bs. 1,39,823	Rs. 22,18,986	
Repairs	1,33,848	84,567	9,82,073	2,107	...	9,100	12,11,695	
Barrack Department	5,759	...	...	...	...	...	5,759	
Tools and Plant	1,830	2,529	44,900	226	251	-261	49,475	
Establishment charges	1,92,322	2,85,927	22,40,637	20,797	5,27,570	1,48,662	34,85,915	
	36,209	46,760	7,10,831	2,228	14,215	13,644	8,23,888	
TOTAL	2,28,531	3,32,687	29,51,468	23,025	6,11,785	1,62,306	43,09,803	
<i>By District Fund Public Works Establishment.</i>								
Works ... ..	...	...	10,771	2,90,484	...	...	3,01,255	
Repairs	2,870	...	1,58,910	5,68,313	...	...	7,30,093	
Tools and Plant ... ..	...	...	...	3,469	...	...	3,469	
Establishment charges	2,870	...	1,69,681	8,62,266	...	...	10,34,817	
	...	...	591	1,20,637	...	...	1,21,228	
TOTAL	2,870	...	1,70,272	9,82,903	...	...	11,56,045	
<i>By Municipal Fund Public Works Establishment.</i>								
Works ... ..	...	...	...	...	3,16,525	...	3,16,525	
Repairs ... ..	...	...	...	...	2,81,456	...	2,81,456	
Tools and Plant ... ..	...	...	...	...	973	...	973	
Establishment charges ... ..	...	...	...	...	5,98,954	...	5,98,954	
	...	...	...	...	16,161	...	16,161	
Suspense Account	-20,236	-6,908	-49,575	...	6,15,115	...	6,15,115	
	...	...	...	...	...	...	-76,719	
TOTAL	2,11,165	3,25,779	30,72,165	10,05,928	12,26,900	1,62,306	60,04,243	
<i>Railways.</i>								
Delhi-Amballa-Kalka Railway—Capital... ..	...	...	...	...	...	...	1,210	
Grand Total ... ..	...	...	...	...	...	...	60,05,453	

TABLE B.

Statement of Expenditure from Imperial Funds on Public Works during 1892-93.

DETAILS.						Original Works.	Repairs.	Total.
IMPERIAL.						Rs.	Rs.	Rs.
44.—MILITARY WORKS.								
Buildings for accomodation of European Troops	1,872	1,872	1,872
Do do. Native	...	...	...	...	5,129	29,423	34,552
Ordnance Works	...	...	...	...	...	568	568
Commissariat Buildings	...	...	...	...	...	425	425
Staff and Miscellaneous	...	...	...	...	5,852	6,508	12,360
Roads to Hill Stations or lines of Military Communications	...	...	...	...	164	65,569	65,733
General Cantonment Works	...	...	...	...	39,740	15,469	55,209
Stud Buildings	...	...	...	...	...	1,690	1,690
Fortifications	...	...	...	...	...	15,194	15,194
Total						50,885	1,36,718	1,87,603
Establishment	...	...	...	...	...	...	35,635
Tools and Plant	...	...	...	...	...	...	1,830
Barrack Department (Exclusive of Establishment)	...	...	...	...	4,322	1,437	5,759
Establishment	...	...	...	...	...	...	574
Suspense Balance	...	...	...	...	...	...	-20,236
Grand Total Military						2,11,165
<i>Deduct—</i>								
(a) Credits to Expenditure in England at 2 shillings per Rupee	...	...	...	...	...	...	9
(b) Credits to Loss by Exchange at estimated average rate of Secretary of State's drawings for value of English Stores received and other items charged off finally in England	...	...	...	...	...	...	4
Net Expenditure in India, Imperial Military Works						2,11,152
IMPERIAL.								
45.—CIVIL WORKS.								
<i>Civil Buildings.</i>								
Post Offices	...	...	...	...	6,931	15,099	22,030
Telegraph Buildings	...	...	...	...	13,693	8,857	22,550
Administration	...	...	...	...	58,125	54,118	1,12,243
Miscellaneous	...	...	...	...	11,085	6,493	17,578
Total Civil Buildings						89,834	84,567	1,74,401
<i>Communications.</i>								
Metalled and Bridged Roads	...	...	...	...	15,328	...	15,328
Raised, Bridged and Unmetalled Roads	...	...	...	...	...	...	...
Total Communications						15,328	...	15,328
<i>Miscellaneous Public Improvements.</i>								
Town Buildings	...	...	...	...	...	...	...
Paving and Streets	...	...	...	...	...	...	...
Markets	...	...	...	...	...	...	...
Water Supply	...	...	...	...	93,669	...	93,669
Total Miscellaneous Public Improvements						93,669	...	93,669
Total						1,98,831	84,567	2,83,398
Establishment	...	...	...	...	...	...	46,760
Tools and Plant	...	...	...	...	...	...	2,529
Suspense Balance	...	...	...	...	...	...	-6,908
Grand Total Imperial Civil Works						3,25,779
<i>Deduct—</i>								
(a) Credits to Expenditure in England at 2 shillings per Rupee	...	...	...	...	...	...	3,239
(b) Credits to Loss by Exchange at estimated average rate of Secretary of State's drawings for value of English Stores received and other items charged off finally in England	...	...	...	...	...	...	1,949
Net Expenditure in India, Imperial Civil Works						3,20,591

TABLE C.

Statement of Expenditure on Public Works from Provincial, Local (Incorporated) District, and Municipal Funds, during 1892-93.

HEADS.	PROVINCIAL FUNDS.		INCORPORATED LOCAL DISTRICT FUNDS.		MUNICIPAL FUNDS.		GRAND TOTAL.	
	Original Works.	Repairs.	Original Works.	Repairs.	Original Works.	Repairs.	Original Works.	Repairs.
CIVIL BUILDINGS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Administration ...	1,55,867	62,669	1,096	19,854	...	2,346	1,56,963	84,869
Minor Departments ...	557	13,959	-1,000	2,000	...	1,000	-443	16,959
Law and Justice ...	59,576	10,088	22	5,781	...	339	59,598	16,208
Ecclesiastical ...	22,638	18,736	...	...	...	13	22,638	18,749
Jails ...	2,09,082	53,484	...	...	...	...	2,09,082	53,484
Police ...	97,910	49,697	927	3,591	39,506	7,836	1,38,343	61,124
Educational ...	2,03,106	7,208	39,188	34,392	18,337	8,145	2,60,631	49,745
Medical ...	35,798	7,822	39,657	18,643	24,877	9,795	1,00,332	36,260
Miscellaneous ...	50,484	14,836	22,291	9,410	10	272	72,785	24,518
Forest ...	...	...	...	...	...	...	...	...
Stud ...	...	...	...	...	...	...	...	...
Total	8,35,018	2,38,409	1,02,181	93,671	82,730	29,746	10,19,929	3,61,916
COMMUNICATIONS.								
Metalled and Bridged Roads ..	1,63,540	5,04,649	31,407	1,68,478	197	2,114	1,95,144	6,75,241
Raised, Bridged and Unmetalled Roads (including District and Village Roads).	1,08,196	1,95,346	33,918	2,10,688	...	71	1,42,114	4,06,105
Bridges and Culverts ...	...	...	53,713	13,011	...	...	53,713	13,011
Boat Bridges and Ferries ...	251	1,10,873	...	4,351	...	...	251	1,15,224
Accommodation for travellers ...	35,176	49,996	7,447	26,044	1,996	2,423	44,619	78,463
Arboriculture ...	...	...	...	...	...	7,259	...	7,259
Total	3,07,163	8,60,864	1,26,485	4,22,572	2,193	11,867	4,35,841	12,95,303
MISCELLANEOUS PUBLIC IMPROVEMENTS.								
Town Buildings ...	170	1,562	6,845	2,816	50,956	24,161	57,971	28,539
Water Supply ...	54,617	321	50,070	32,871	69,069	25,180	1,74,356	58,372
Markets ...	...	...	1,715	...	13,913	6,178	15,628	6,178
Paving Streets ...	25,843	39,737	582	11,458	61,813	1,55,382	88,233	2,06,577
Lighting ...	...	...	...	...	...	73	...	73
Sewage and Drainage ...	1,435	...	15,038	4,209	51,560	21,442	68,033	25,651
Conservancy ...	...	...	110	10	8,211	7,224	8,321	7,234
Miscellaneous ...	189	...	5,922	2,813	15,161	1,203	21,272	4,016
Total	82,254	41,620	80,282	54,177	2,71,283	2,40,843	4,33,819	3,36,610
Total Works	12,24,435	11,40,983	3,08,948	5,70,420	3,56,206	2,82,456	8,89,539	19,93,859
Establishment ...	23,65,418	...	8,79,368	...	6,38,662	...	38,83,448	...
Tools and Plant ...	7,11,422	...	1,22,865	...	16,161	...	8,50,448	...
Suspense Balance ...	44,600	...	3,696	...	973	...	49,569	...
	-49,575	...	...	...	...	...	-49,575	...
GRAND TOTAL	30,72,165	...	10,05,929	...	6,55,796	...	47,33,890	...

TABLE D.

Statement of Expenditure on Contribution Works from Municipal, Private and Other Funds, during 1892-93.

HEADS.	MUNICIPAL FUNDS.		PRIVATE AND OTHER FUNDS.		GRAND TOTAL.	
	Original works.	Repairs.	Original works.	Repairs.	Original works.	Repairs.
CONTRIBUTIONS.						
<i>Civil Buildings.</i>						
Minor Departments	...	...	57,435	9,100	57,435	9,100
Ecclesiastical	...	...	...	...	...	...
Educational	...	...	-1,642	...	-1,642	...
Medical	...	...	11,644	...	42,623	54,267
Miscellaneous	...	...	...	...	...	...
Total Civil Buildings	11,644	...	98,416	9,100	1,10,060	9,100
<i>Miscellaneous Public Improvements.</i>						
Town Buildings	...	...	5,041	...	...	5,041
Sewage and Drainage	...	...	1,44,510	...	...	1,44,510
Water-supply	...	...	4,36,124	...	5,034	4,41,158
Markets	...	...	...	...	...	...
Paving streets	...	...	...	...	...	...
Total Miscellaneous Public Improvements.	5,85,675	...	5,034	...	5,90,709	...
Total Works and Repairs	5,97,319	...	1,03,450	9,100	7,00,769	9,100
Work done for Military and other Departments	...	...	...	...	36,373	36,373
Establishment	...	...	14,215	...	13,644	27,859
Tools and Plant	...	...	251	...	-261	-10
Total Contributions	6,11,785	...	1,53,206	9,100	7,64,991	9,100

TABLE E.

Provincial Public Works Department Establishment Charges and Expenditure incurred by such Establishment during the official year 1892-93.

Circles.	Public Works Divisions.	Cost of Establishment.	EXPENDITURE ON WORKS AND REPAIRS EXCLUDING COST OF ESTABLISHMENT, SUSPENSE AND TOOLS AND PLANT.					Percentage of Establishment to outlay.	
			Imperial.	Provincial.	Local.	Municipal.	Private and other Funds.		Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
First	Peshawar	54,878	24,417	2,38,642	...	...	19,244	2,82,303	19.44
	Rawalpindi	79,571	12,024	2,31,568	3,430	9,493	...	2,56,515	31.02
	Kohat	33,929	66,479	49,625	...	8,000	24,885	1,48,989	22.77
	Total Executive	1,68,378	1,02,920	5,19,835	3,430	17,493	44,129	6,87,807	24.48
	Superintending Engineer	35,746	...	...	...	...	...	...	5.19
Second	Jullundur	48,910	1,682	2,71,505	107	5,427	30,467	3,09,188	15.81
	Simla	68,517	2,34,349	2,20,305	...	3,86,511	† 3,480	8,44,654	8.11
	Amballa	61,433	4,441	3,95,313	15,034	17,490	...	4,32,278	14.21
	Delhi	55,077	5,701	1,49,583	...	40,669	1,02,015	2,97,968	18.48
	Total Executive	2,33,937	2,46,173	10,36,706	15,141	4,50,097	1,35,911	18,84,088	12.41
	Superintending Engineer	29,368	...	...	...	...	...	...	1.55
Third	Lahore	62,586	14,159	3,89,138	2,000	...	66,835	4,72,132	13.25
	Dera Ismail Khan	45,312	87,240	90,673	...	...	3,888	1,81,801	24.92
	Dera Ghazi Khan	35,692	22,743	73,858	...	...	1,854	98,455	36.25
	Amritsar	35,554	561	80,861	...	...	25,986	1,07,408	33.10
	Total Executive	1,79,144	1,24,703	6,34,530	2,000	...	98,563	8,59,796	20.83
	Superintending Engineer	36,728	...	...	...	...	...	...	4.27
Direction	Chief Engineer and Secretary	1,18,734	94	4,665	...	...	...	4,759	3.45
Accounts	Examiner Public Works Accounts (82,316—59,719)	22,597	...	...	...	...	...	...	2.62
	Total	* 8,24,632	4,73,890	21,95,736	20,571	4,67,590	2,78,663	34,36,450	...

DEDUCTION.

* Pay of Mr. Younghusband, charged to work ... 765
 Transfers to Irrigation ... — 21

744

† Includes Rs. 11, on account of private work.

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Statement of Expenditure on Imperial Military

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
44.—IMPERIAL MILITARY WORKS.				
<i>Accommodation for Troops.</i>				
1	Regimental Latrine, Kohat	5,857	6,931	—563
2	Mule shed in Artillery lines, Edwardesabad ...	12,390	9,903	2,299
3	Quarters for transport followers of the Royal Artillery, Edwardesabad	3,951	...	3,393
	Total ... ..	...	16,834	5,129
<i>General Cantonment Works.</i>				
1	Combined Water-supply and Sewage schemes, Kohat ...	88,346	17,227	30,464
2	Drainage of Royal Artillery and Cavalry Lines, Dera Ismail Khan	3,358	...	2,205
3	Providing Iron water tanks at encamping grounds along Dera Ghazi Khan-Loralai Road	10,481	3,502	450
4	Water-supply for encamping grounds along the North-West Frontier Road Section Peyzu to Dera Ismail Khan	20,959	13,004	6,621
	Total ... ..	...	33,733	39,740
<i>Lines of Military Communication.</i>				
1	Water-supply and encamping grounds along North-West Frontier Road, Section Kohat to Lattammar ...	...	...	6
2	Tank—Murtaza Road ... ..	...	...	158
	Total ... ..	...	...	164
<i>Staff and Miscellaneous.</i>				
1	Guides Memorial at Mardan	26,491	23,935	2,998
2	Wards for infectious diseases for the Garrison Hospital, Bannu	3,074	...	2,854
	Total ... ..	...	23,935	5,852
	GRAND TOTAL ... ..	...	74,502	50,885

DIX A.

Major Works during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
6,368	March 1890 ...	Completed.	
12,202	September 1891...	Ditto.	
3,393	December 1892...	Ditto.	
21,963			
47,691	October 1888 ...	In progress.	Exclusive of Rs. 8,000 } on account of contribution " 17,000 } " Local Loans.
2,205	July 1892 ...	Ditto.	
3,952	March 1892 ...	Ditto.	
19,625	Do. 1891 ...	Ditto.	
73,473			
6	March 1893 ...	In progress.	
158	February 1893 ...	Ditto.	
164			
26,333	September 1890...	In progress.	
2,854	January 1893 ...	Ditto.	
29,787			
1,25,387			

Statement of Expenditure on Imperial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
45.—IMPERIAL CIVIL WORKS.		Rs.	Rs.	Rs.
<i>CIVIL BUILDINGS.</i>				
<i>Post Offices.</i>				
1	Extending Post Office at Peshawar	2,757	...	220
2	Minor Works under Rs. 2,500 each ... ..	...	...	6,711
	Total ... ..	...	...	6,931
<i>Telegraph Buildings.</i>				
1	Constructing a Second godown for new Telegraph Office, Rawalpindi	3,253	...	1,541
2	Additions and alterations to Government Telegraph buildings at Lahore	10,938	...	11,052
3	Minor Works under Rs. 2,500 each ... ..	...	...	1,100
	Total ... ..	...	...	13,693
<i>Administration.</i>				
(Including Miscellaneous.)				
1	Water reservoir at Viceregal Lodge, Simla	3,480	385	2,979
2	Re-building Stables at the Boorj, Simla, and providing extra servants houses at Viceregal Lodge	3,340	...	3,395
3	Re-building a retaining wall at Peterhoff	5,282	...	5,122
4	Supplying cooking utensils, Viceregal residence, Simla	4,650	...	4,165
5	Improving existing arrangements for protection of Government of India, P. W. D. Secretariat from fire	3,439	...	1,298
6	New quarters for 20 peons of Government of India, P. W. D. Secretariat	4,217	...	2,625
7	Alterations to Sunnyside for accommodation of 51 peons	2,504	...	1,004
8	Improving defective drainage of Clerks' cottages, Simla	3,984	...	3,984
9	Minor Works under Rs. 2,500 each ... ..	...	...	44,638
	Total ... ..	...	385	69,210
	Total Civil Buildings ... ..	...	385	89,834

DIX A.

Civil Major and Minor Works during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
220 6,711	December 1892 ...	In progress.	
6,931			
1,541	March 1893 ...	In progress.	
11,052 1,100	May 1892 ...	Ditto.	
13,693			
3,364	March 1892 ...	Completed.	
3,395	December 1892	Ditto.	
5,122	Ditto	Ditto.	
4,165	March 1893 ...	In progress.	
1,298	February 1893 ...	Do.	
2,525	March 1893 ...	Do.	
1,004	Ditto	Do.	
3,984	April 1892 ...	Completed.	
44,638			
69,595			
90,219			

Statement of Expenditure on Imperial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
<i>Communications.</i>				
1	Constructing 2 gaps at mile 105, North-West Frontier road	5,174	...	5,377
2	Constructing new gaps at miles 140, 141, 153 do. ...	7,293	...	6,809
3	Ditto ditto mile 188 do. ...	5,281	...	3,187
4	Constructing Domel Nulla bridge at mile 100 do. ...	19,974	...	3,445
5	Metalling miles 12 to 29, Dera Ghazi Khan-Loralai road	56,242	45,166	11,000
6	Minor works under Rs. 2,500 each ... ..	...	...	8,079
7	Deduct Tools and Plant credited to Communications ...	...	...	-22,943
8	Extra land required for North-West Frontier road ...	8,126	...	374
	Total Communications ...	...	45,166	15,328
<i>Miscellaneous Public Improvements.</i>				
1	Grant-in-aid for Simla Water Supply and Sewage works...	...	...	93,669
	GRAND TOTAL ... ..	...	45,551	1,98,831

DIX A.

Civil Major and Minor Works during 1892-93—concluded.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
5,377	September 1892...	Completed.	
6,809	January 1893 ...	In progress.	
3,187	February 1893 ...	Ditto	
3,445	January 1893 ...	Ditto	
56,166	January 1893 ...	Ditto	
8,079			
22,943			
374	March 1893 ...	In progress.	
60,494			
93,669			
2,44,332			
			Rs. Tools and Plant—Dera Ismail Khan ... 15,192 Ditto Dera Ghazi Khan ... 7,751 <hr/> 22,943

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-1893.
PROVINCIAL WORKS.				
CIVIL BUILDINGS.				
<i>Administration.</i>				
<i>Land Revenue.</i>				
		Rs.	Rs.	Rs.
1	Re-roofing Tahsil Buildings, Gulah	3,311	2,402	938
2	New treasury strong room, Amballa	7,597	...	7,565
3	Constructing a new Tahsil, Hansi	21,649	2,137	12,342
4	Do. do. Fattehabad	21,908	...	13,353
5	Providing additional accommodation for Civil Court, Delhi	50,107	46,855	5,654
6	Constructing a new record room for Deputy Commissioner's Court, Hissar	29,055	21,394	5,615
7	Constructing a combined Thana and Tahsil at Nurpur ...	33,798	3,753	19,821
8	Constructing new fortified Tahsil at Hangu	28,293	20,641	8,733
9	Additions and alterations to record room Deputy Commissioner's Court, Kohat	5,743	...	2,225
10	Additions and alterations to the District Court at Jhang	2,881	...	1,250
11	Constructing a new strong room for the Bannu Treasury	3,115	1,442	1,339
12	Minor works under Rs. 2,500 each ... ..	...	...	25,758
	Total Land Revenue ... ..	...	98,624	1,04,593
<i>Excise.</i>				
1	Conversion of the Medical school at Lahore into an Excise office	15,091	8,889	6,881
2	Constructing 8 additional rooms in the new distillery building at Amritsar	2,860	...	2,295
3	Minor works under Rs. 2,500 each ... ..	...	...	2,608
	Total Excise ... ..	...	8,889	11,784
<i>Residence for Local Government.</i>				
1	Additions and alterations to Government House, Lahore	14,996	...	14,997
2	Minor works under Rs 2,500 each ... ..	...	...	6,784
	Total ... ..	...	...	21,781
<i>Secretariat.</i>				
1	Constructing general record racks in St. James' church at Lahore	4,077	3,597	317
2	Constructing quarters for a resident clerk of the Punjab Civil Secretariat	5,399	...	4,003
3	Minor works under Rs. 2,500 ... ..	...	...	5,285
	Total ... ..	...	3,597	9,605
<i>Finance and Currency.</i>				
1	Additions and alterations to Paper Currency office, Lahore	8,460	...	5,549
2	Minor works under Rs. 2,500 each ... ..	...	...	1,447
	Total ... ..	...	...	6,996

DIX B.

Major and Minor Works during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
3,340	January 1889	Completed	
7,565	May 1892	Completed	
14,479	March 1892	In progress	
13,353	October 1892	Do.	
52,509	October 1890	Do.	
27,009	February 1891	Do.	
23,574	March 1892	Do.	
29,374	March 1891	Do.	
2,225	June 1892	Do.	
1,250	January 1893	Do.	
2,781	March 1892	Completed	
25,758			
2,03,217			
15,770	September 1891	Completed	
2,295	March 1893	In progress	
2,608			
20,673			
14,997	June 1892	Completed	
6,784			
21,781			
3,914	February 1892	Completed	
4,003	February 1893	In progress	
5,285			
13,202			
5,549	January 1893	In progress	
1,447			
6,996			

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
PROVINCIAL WORKS.—continued.				
CIVIL BUILDINGS—continued.				
<i>Board of Revenue.</i>				
1	Minor works under Rs. 2,500 ... ..	...	...	1,108
<i>Law and Justice.</i>				
1	Munsif's Court at Rupar	4,514	...	4,412
2	Additions and alterations to the Divisional Judge's Court, Jullundur	6,485	259	6,120
3	Court house for District Judge, Jullundur	11,229	7,722	3,305
4	Court for two Munsifs do.	6,912	...	6,360
5	Dismantling a portion and altering the rest of Munsif's Court, Phillour	2,921	...	2,011
6	Constructing a new Munsif's Court, Jhelum	4,216	...	4,215
7	Do. do. Gujrat ... ..	...	...	2,508
8	Do. do. Hafizabad	5,046	...	3,526
9	Do. do. Shahpur	4,817	...	3,399
10	Do. do. Sialkot	8,272	8,165	154
11	Do. Court house for District Judge, Lahore	10,363	7,340	2,982
12	Do. Two Munsifs Courts at Batala, Gurdaspur District	7,002	...	5,318
13	Constructing new Munsif's Court at Alipur, Muzaffargarh District	4,655	...	3,812
14	Do. Munsif's Court at Muzaffargarh	4,099	3,912	167
15	Minor works under Rs. 2,500 each ... ..	...	...	11,287
	Total ... ..	...	27,398	59,576
<i>Ecclesiastical.</i>				
1	Extending Protestant cemetery outside Taksali Gate, Lahore	19,126	...	17,213
2	Minor works under Rs. 2,500 each ... ..	...	...	5,425
	Total ... ..	...	...	22,638
<i>Central Jails.</i>				
1	New Central Jail, Ambala ... ..	...	93,631	41,557
2	Carrying out surface drainage of the Ambala Jail and its vicinity, &c.	4,947	...	4,602
3	Supplementary Works in connection with Water-supply, Central Jail, Lahore	3,181	...	2,156
4	New Manufactory and Prisoners' property Godown in Central Jail, Mooltan	4,194	...	892
5	Partition walls for the division of Central Jail, Mooltan, into separate areas	4,597	4,505	102
6	Residence for the Superintendent Central Jail at Mooltan	10,264	806	7,840
7	Water-supply in Central Jail, Lahore	28,731	28,627	151
8	Carpenters and Blacksmiths shops in Central Jail, Lahore	4,471	4,471	133
9	Three Throw Pump and shed over capstan for the 2nd supply well in Central Jail, Lahore	4,933	...	4,174
10	Montgomery Jail	3,55,642	2,30,154	67,117
11	Minor Works under Rs. 2,500 each ... ..	...	...	12,270
	Total Central Jails ... ..	...	3,62,194	1,40,994

DIX B.

Major and Minor Works during 1892-93.—continued.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
1,108			
4,412	January 1893 ...	Completed	
6,379	June 1891 ...	Do.	
11,027	January 1892 ...	Do.	
6,360	November 1892	Do.	
2,011	February 1893 ...	In progress	
4,215	November 1892	Do.	
2,508	March 1893 ...	Do.	
3,526	December 1892	Do.	
3,399	January 1893 ...	Do.	
8,319	October 1891 ...	Completed	
10,322	December 1891	Do.	
5,918	September 1892	In progress	
3,812	September 1892	Do.	
4,079	November 1891	Completed	
11,237			
86,974			
17,213	June 1892 ...	In progress	
5,425			
22,638			
1,35,188	May 1891 ...	In progress	
4,602	March 1893 ...	Do.	
2,156	July 1892 ...	Do.	
892	February 1893 ..	Do.	
4,607	July 1891 ...	Completed	
8,646	March 1892 ...	In progress	
28,778	March 1890 ...	Do.	
4,604	February 1891 ...	Completed	
4,174	January 1893 ...	In progress	
2,97,271	July 1890 ...	Do.	
12,270			
5,03,188			

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
PROVINCIAL WORKS—continued.				
<i>District Jails.</i>				
1	New Solitary Cells, Delhi	7,125	...	7,416
2	Raising walls, &c., of Solitary Cells, Ludhiana Jail ...	4,485	...	4,272
3	Iron-grated doors and windows, Ferozepore Jail ...	11,145	10,888	58
4	New Jail at Abbottabad	39,394	40,280	297
5	Auxiliary buildings new Jail, Abbottabad	12,366	10,004	2,545
6	Additional auxiliary buildings for new Jail at Abbottabad	11,615	...	12,162
7	Strengthening Solitary Cells and providing iron-grated doors between the Cells and Court-yard, Mooltan Jail	7,491	..	3,571
8	Officials Quarters, Jhang Jail	7,302	7,144	-1,112
9	Converting gateway room into an office, Gurdaspur Jail ...	2,532	1,896	765
10	Providing iron grated doors and windows and iron gratings, &c., to Jail Barracks, Bannu	3,745	1,227	2,519
11	Providing iron-grated doors to sleeping Barracks, Dera Ismail Khan Jail	22,399	22,499	-782
12	Night latrines to sleeping barracks, Dera Ismail Khan Jail ...	4,600	1,715	2,555
13	Minor works under Rs. 2,500 each ... ..	...	...	33,822
	Total ... ..	...	95,653	68,088
<i>Minor Department.</i>				
1	Minor works under Rs. 2,500 each ... ..	...	...	557
<i>Police.</i>				
1	Second Class Police Station, Singhour	7,523	...	5,207
2	Reroofing Police Station, Gulah	5,242	2,800	2,632
3	New Police Lines and Hospital at Delhi	76,228	74,224	2,030
4	Police Rest house at Ellenabad	3,725	2,691	968
5	Police Rest house at Hussanpore	3,365	3,241	-46
6	Second Class Police Station, Beri	6,402	6,887	124
7	Border Military Police Hospital, Peshawar	3,778	...	3,865
8	Police Station, Gazi	17,116	13,742	3,695
9	Police Rest House at Kirpilian, Hazara District	3,821	1,014	2,636
10	Police Station, Sherwan	8,792	8,385	392
11	Purchasing McGuffin's Hotel estate, Dalhousie	12,600	...	12,312
12	1st Class Police Station at Chakrala, Bannu District ...	8,413	1,875	6,814
13	2nd Class Police Station at Dadiwalla, Bannu District ...	9,847	3,182	6,236
14	New Police Hospital at Dera Ismail Khan	4,833	...	3,936
15	Magisterial Lock-up and Mal-Khana, Police Station at Tank	3,641	937	2,787
16	Serai at Jandola	10,575	...	14,625
17	Minor Works under Rs. 2,500 each ... ..	...	...	29,647
	Total ... ..	...	1,18,978	97,910

DIX B.

Major and Minor Works during 1892-93—continued.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
7,416	May 1892 ...	Completed	
4,272	June 1892 ...	In progress, nearly complete	
10,946	February 1891 ...	Completed	
40,577	April 1887 ...	Practically complete	
12,549	December 1891 ...	In progress	
12,162	July 1892 ...	Do.	
3,571	February 1893 ...	Do.	
6,032	December 1881 ...	Completed	
2,661	February 1892 ...	Do.	
3,746	November 1890	Do.	
21,717	March 1891 ...	Do.	
4,270	September 1891	Do.	
33,822			
1,63,741			
557			
5,207	July 1892 ...	In progress	
5,432	September 1891	Completed	
76,254	March 1890 ...	Do.	
3,659	January 1892 ...	Do.	
3,195	July 1891 ...	Do.	
7,011	February 1890 ...	Do.	
3,865	September 1892	In progress	
17,437	February 1891 ...	Completed	
3,700	February 1892 ...	Do.	
8,777	September 1890	Completed	
12,312	March 1893 ...	Do.	
8,689	August 1891 ...	In progress	
9,418	January 1892 ...	Completed	
3,936	December 1892	In progress	
3,724	March 1892 ...	Completed	
14,625	November 1892	In progress	
29,647			
2,16,888			

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
PROVINCIAL WORKS—continued.				
<i>Educational.</i>				
1	Restoration of Lawrence Military Asylum Building, Sanawar	3,78,061	81,079	1,79,898
2	Mohamedan Madrasa, Ajmere Gate, Delhi ...	13,849	...	3,000
3	Additions to the Office of Inspector of Schools, Rawalpindi	2,964	...	2,871
4	Boarding House, Lahore ...	50,953	50,188	3,308
5	Conversion of old Dāk Bungalow into a residence for the Principal, Government College, Lahore ...	4,967	2,087	2,938
6	Additions and alterations to Training College at Lahore	4,403	4,390	99
7	Constructing out-office for the Mayo School of Arts, &c., Lahore ...	5,519	...	5,030
8	Minor Works under Rs. 2,500 each ...	...	...	5,962
	Total Educational ...	...	1,37,744	2,03,106
<i>Medical.</i>				
1	New Cells for the Lunatic Asylum, Delhi ...	3,779	...	3,476
2	New dissecting room and lecture theatre, Mayo Hospital, Lahore ...	31,366	9,877	22,966
3	Additions and alterations to Veterinary School, Lahore ...	15,391	16,042	103
4	Minor Works under Rs. 2,500 each ...	...	...	9,253
	Total Medical ...	...	25,919	35,798
<i>Miscellaneous.</i>				
1	Third Class Rest House at Nur Shah ...	3,410	1,410	1,909
2	Civil Rest House at Madina ...	3,615	...	3,647
3	Do. at Chauntala ...	3,443	2,832	588
4	Do. at Behuna ...	3,443	3,136	16
5	Do. at Budladah ...	3,443	3,347	10
6	Second Class Rest House at Una ...	5,650	4,013	1,534
7	Divisional Office for Executive Engineer, Kohat ...	14,622	...	10,942
8	Third Class Civil Rest House at Duman ...	4,600	...	4,994
9	Do. do. Campbellpore ...	4,306	3,955	574
10	Do. do. Thatti Nur Ahmed Shah ...	4,587	...	2,023
11	Rest House at Tarn Taran ...	6,133	...	3,510
12	Third Class Rest House at Ikhlaspur ...	3,606	...	857
13	Bungalow at Shahkot for Colonization Officer ...	11,838	7,540	4,665
14	Rest House at Mulazai, Dera Ismail Khan District ...	4,479	...	790
15	Surveying and demarcating Government land attached to Government buildings in the Dera Ismail Khan Division ...	2,676	...	107
16	Third Class Rest House at Gomal ...	4,916	4,729	258
17	Minor Works under Rs. 2,500 each ...	...	...	14,060
	Total Miscellaneous ...	...	30,962	50,484
	TOTAL CIVIL BUILDINGS ...	...	9,09,958	8,35,018

DIX B.

Major and Minor Works during 1892-93.—continued.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
2,60,977	June 1891 ...	In progress	Government grant-in-aid.
3,000	October 1891 ...	Completed	
2,871	February 1893...	Do.	
53,496	October 1890 ...	Do.	
5,025	October 1891 ...	Do.	
4,489	September 1891	Completed	
5,030	June 1892 ...	In progress	
5,962			
3,40,850			
3,476	February 1893...	In progress	
32,843	February 1892 ...	Completed	
16,145	March 1891 ...	Do.	
9,253			
61,717			
3,319	May 1892 ...	Completed	
3,647	November 1892	Do.	
3,420	February 1892 ...	Do.	
3,152	January 1892 ...	Do.	
3,357	December 1891...	Do.	
5,547	March 1892 ...	Do.	
10,942	October 1892 ...	In progress	
4,994	May 1892 ...	Completed	
4,529	September 1891...	Do.	
2,023	March 1893 ...	In progress	
3,510	December 1892.	Do.	
857	February 1893...	Do.	
12,205	Do.	Do.	
790	Do.	Do.	
107	March 1893 ...	Do.	
4,987			
14,060			
81,446			
17,44,976			

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
PROVINCIAL WORKS—continued.				
COMMUNICATIONS.				
<i>Metalled and Bridged and Unmetalled Roads.</i>				
1	Approach road to the Kalka Railway Station ...	3,493	...	3,023
2	Masonry bridge over Jodha Nulla, mile 114 G. T. Road...	31,418	26,361	6,475
3	Dhulkot approach Road ...	7,082	2,945	4,040
4	Approach road to Turaori Railway Station ...	4,218	...	810
5	Ditto Amin ditto ...	5,201	...	1,767
6	Markunda Protective Works at mile 109 of Grand Trunk Road ...	12,334	...	8,460
7	Strengthening Bridges and Culverts, Shahabad and Jagadhri road ...	29,168	...	8,586
8	Approach road to Narila Railway Station, D. A. K. Railway ...	16,081	6	3,769
9	Ditto to Ganour ditto ditto ...	8,508	...	1,756
10	Eight carriers' shelter sheds on Kalka and Simla Cart road	4,982	267	4,717
11	Protective measures at 6th mile land slip, Kalka-Simla road,	6,233	...	5,701
12	Restoring communication and making temporary roadway ditto ditto ...	7,086	...	7,318
13	Training works at the 7th mile land slip, Kalka-Simla road ...	55,194	...	31,434
14	Widening road from Thanadar to Jangi (Hindustan and Thibet) road ...	14,182	2,801	7,989
15	Diverting Kangra Valley Cart road from Lyall Viaduct to Grail Khud ...	14,123	...	9,963
16	Bridge over Chambhi Khud, mile 43, Kangra Valley Cart road ...	19,825	20,007	748
17	Bridge over Bunoye Khud, mile 46, Kangra Valley Cart road ...	21,858	11,769	10,106
18	Large Manjhi Khud bridge, mile 48, ditto ...	30,605	11,483	18,031
19	Small ditto ditto ditto ...	4,948	1,047	3,899
20	Graill Khud bridge, mile 22 ... ditto ...	14,719	7,314	7,032
21	Khauli Khud bridge ... ditto ...	23,158	9,242	12,569
22	Metalling, 5 miles, Nowshera and Mardan road ...	15,681	10,201	4,022
23	Metalling the Hazara Trunk road (section from Hassan Abdal to Haripur) ...	49,745	...	27,214
24	Road from Bahadur Khel to Thull, section from Thull to Dullan ...	9,100	5,604	2,250
25	Construction of bridge, mile 47, Murree-Kohalla Cart road ...	7,903	8,104	299
26	Additional cost of metal (23½ miles) Murree-Kohalla Cart road ...	32,703	17,875	12,130
27	Clearing slips and re-building walls on Murree-Kohalla Cart road ...	31,806	25,334	6,268
28	Improvements to Murree and Baracao road ...	25,066	19,848	5,015
29	Erecting boundary pillars along the Lahore and Peshawar road section in Rawalpindi District ...	4,443	3,001	1,377
30	Improvement of gradients Murree-Baracao road ...	4,542	3,170	1,541
31	Improving Murree and Abbottabad road in Rawalpindi District ...	13,162	11,093	1,962
32	Metalling the first nine miles of the Lahore and Sheikhupura road ...	40,791	24,355	9,573
33	Metalling Lahore and Sheikhupura road, section Mandiali to Sheikhupura... ..	35,944	...	4,875
	<i>Carried over</i> ...	...	2,21,827	2,34,719

DIX B.

Major and Minor Works during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
3,023	June 1892 ...	In progress.	
32,836	March 1891 ...	Completed.	
6,985	February 1892 ...	Ditto.	
810	November 1892,	In progress.	
1,767	Ditto ...	Ditto.	
8,460	Ditto ...	Ditto.	
8,586	Ditto ...	Ditto.	
3,775	May 1892 ...	Ditto.	
1,756	June 1892 ...	Ditto.	
4,984	March 1892 ...	Completed.	
5,701	December 1892...	In progress.	
7,318	August 1892 ...	Completed.	
31,434	December 1892 ...	In progress.	
10,790	October 1891 ...	Ditto.	
9,963	July 1892 ...	Ditto.	
20,755	May 1891 ...	Completed.	
21,875	February 1892 ...	Ditto.	
29,514	Ditto ...	In progress.	
4,946	Ditto ...	Completed.	
14,346	Ditto ...	In progress.	
21,811	Ditto ...	Ditto.	
14,223	September 1891...	Completed.	
27,214	October 1892 ...	In progress.	
7,854	October 1891 ...	Completed.	
8,403	June 1891 ...	Ditto.	
30,005	February 1891 ...	Ditto.	
31,602	March 1891 ...	In progress.	
24,863	December 1891...	Completed.	
4,378	March 1892 ...	Ditto.	
4,711	February 1892 ...	Ditto.	
13,055	September 1891...	Completed.	
33,928	June 1890 ...	In progress.	
4,875	March 1893 ...	Ditto.	
4,56,546			

Statement of Expenditure on Provincial

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
PROVINCIAL WORKS—concl'd.				
<i>Communications—concl'd.</i>				
	<i>Brought forward</i> ...	...	2,21,827	2,34,719
34	Improvements to Dalhousie and Pathankote road (Pathankote to Dunera) ...	9,844	6,937	3,178
35	Post at Spinkai Ragusar ...	3,826	...	8,093
36	Improvements to Dera Ismail Khan-Tank road ...	27,143	...	4,025
37	Constructing Chuhur Kheyl Dhana road ...	3,800	2,000	1,720
38	Gomal Pass road ...	1,33,130	1,36,239	-515
39	Track from Khajuri to Kashmir Kar, 28 miles ...	2,705	...	2,836
40	Minor works under Rs. 2,500 each ...	...	...	17,680
	Total ...	...	3,67,003	2,71,736
<i>Boat-Bridges and Ferries.</i>				
1	Minor Works under Rs. 2,500 each ...	...	...	251
<i>Accommodation for Travellers.</i>				
1	Hospital for Khyber Rifles at Jamrud ...	19,460	...	19,164
2	Constructing a new roof for Mamul Dāk Bungalow on Pathankote and Dalhousie road ...	2,727	2,011	769
3	Enlarging Dāk Bungalow at Dera Ismail Khan ...	4,173	4,321	49
4	Minor works under Rs. 2,500 each ...	...	...	15,194
	Total ...	...	6,332	35,176
	TOTAL COMMUNICATIONS ...	...	3,73,335	3,07,163
<i>Miscellaneous Public Improvements.</i>				
1	Fencing in the conserved area Kalka Water Supply ...	3,158	...	1,537
2	Two wells at Hundesra and carrying out experiments, Ambala ...	...	3,171	3,883
3	Restoring Gazipur bund ...	14,934	14,934	-3,734
4	Grant in aid for Simla Water and Sewage works ...	...	...	47,710
5	Beas river protective works ...	9,429	4,115	-1,476
6	Bund at Shahdowla ...	16,148	11,418	...
7	Improving Mall from Charing Cross to the Accountant-General's Office, Lahore ...	42,227	17,442	24,754
8	Water-supply at Dunera encamping ground... ...	5,395	...	2,323
9	Constructing an Irrigation Channel at Nili Katch ...	5,839	...	2,215
10	River protective works at Dera Ghazi Khan ...	7,02,500	3,33,731	-47
11	Minor works under Rs. 2,520 each ...	...	...	5,089
	TOTAL MISCELLANEOUS ...	...	3,84,811	82,254
	GRAND TOTAL ...	...	16,68,104	12,24,435

DIX B.

Major and Minor Works during 1892-93.—concluded.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
4,56,546			
10,115	February 1892 ...	Completed.	{ Work done by Deputy Commissioner, Dera Ismail Khan.
8,093	December 1892...	In progress.	
4,025	February 1893 ...	Ditto.	
3,720	March 1892 ...	Ditto.	
1,35,724	March 1890 ...	Completed.	
2,836	March 1893 ...	Ditto.	
17,680			
6,38,739			
251			
19,164	December 1892...	In progress.	
2,780	February 1892...	Completed.	
4,370	November 1891...	Ditto.	
15,194			
41,508			
6,80,498			
1,537	January 1893 ...	In progress.	
7,054			
11,200	...	Completed.	
47,710	March 1893 ...	In progress.	
2,639	June 1891 ...	Completed.	
11,418	July 1890 ...	Ditto.	
42,196	January 1891 ...	Ditto.	
2,323	February 1893 ...	In progress.	
2,215	January 1893 ...	Ditto.	
3,33,684	January 1890 ...	Ditto.	
5,089			
4,67,065			
28,92,539			

Statement of Expenditure on Contribution

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
CONTRIBUTION WORKS.				
<i>Civil Buildings.</i>				
1	New Civil Dispensary, Gujrat	25,510	10,000	3,272
2	Do. Jubilee Museum, Lahore	1,41,354	62,893	57,441
3	Dufferin Hospital, Delhi	1,39,667	91,786	46,495
4	Mohamedan Madrassa, Delhi	13,849	13,300	-1,654
5	Civil Hospital, Ambala	40,681	12,172	9,521
6	Completing Lawrance Memorial Asylum Chapel Murree...	12,174	...	12
7	Minor Works under Rs. 2,500 ... ..	...	...	300
	Total ... ..	...	1,90,151	1,15,387
<i>Miscellaneous Public Improvements.</i>				
1	Intramural Drainage of Gujranwala	31,743	13,172	7,554
2	Kohat Water-supply	88,346	...	8,000
3	Ludhiana Drainage	1,42,311	84,000	1,737
4	Jullundur Do.	27,225	14,987	859
5	Beas River Protective works	9,429	3,143	2,582
6	Simla Water-supply	3,81,856	...	2,79,905
7	Simla Sewage extension	2,05,482	...	1,05,084
8	Kalka Water-supply	6,324	1,515	1,400
9	Ambala Water-supply ... ..	...	...	5,638
10	Gazipur bund	14,934	...	4,648
11	Minor works under Rs. 2,500 ... ..	...	...	1,220
	Total ... ..	...	1,16,817	4,18,627
	GRAND TOTAL ... ..	...	3,06,968	5,34,014

DIX C.

Major Works during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
13,272	February 1891 ...	In progress ...	Rs. 11,000 incurred in 1890-91 against Incorporated Local fund.
1,20,334	February 1890 ...	Do. ...	Rs. 30,000 incurred in 1890-91 against Provincial Fund.
1,38,281	May 1890 ...	Do. ...	
11,646	October 1891 ...	Do. ...	Excludes Rs. 3,000 debited to Provincial Fund.
21,693	January 1892 ...	Do. ...	
12	November 1892	Do. ...	Excludes Rs. 1,829 debited to Civil Department.
300			
3,05,538			
20,726	October 1890 ...	In progress ...	
8,000	October 1888 ...	Do. ...	Exclusive of outlay debited against Imperial Military and Local Loans.
85,737(a)	November 1888...	Do. ...	(a) Excludes Rs. 52,243 charged against Local Loans.
15,846	January 1890 ...	Completed ...	Do. Rs. 12,859 Do. Provincial Local Fund.
5,725	February 1892 ...	Do. ...	Do. Rs. 2,639 Do. do.
2,79,905	March 1892 ...	In progress ...	
1,05,084	Do. ...	Do. ...	
2,915	Do. ...	Completed ...	
5,638	December 1892..	In progress ...	
4,648	March 1892 ...	Completed ...	
1,220			
5,35,444			
8,40,982			

Statement of Expenditure on Major and Minor Works carried out

Serial No.	Name of Work.	Estimated cost.	Expenditure to and of March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
CIVIL BUILDINGS.				
<i>Land Revenue.</i>				
1	Minor Works ... ..	...	...	1,210
<i>Educational.</i>				
1	New Boarding House at Pasrur, Sialkot District ...	6,959	Nil	5,104
2	New Boarding School at Edwardesabad, Bannu District	10,194	1,800	3,200
3	Addition to Davies School at Shahpur ...	2,507	Nil	1,910
4	Enlargement of Sharkot school, Jhang District ...	2,840	"	2,305
5	New School at Sujampur, Gurdáspur District ...	2,887	"	2,642
6	Minor Works ... ..	...	...	23,913
	Total ...	...	1,800	39,074
<i>Law and Justice.</i>				
1	Minor Works ... ..	...	...	22
<i>Medical.</i>				
1	New Dispensary at Bulachor, Hoshiárpur District ...	3,665	3,351	242
2	Additions to Dispensary at Bulachor, Hoshiarpur District	4,926	Nil	1,139
3	Special repairs to Dispensary at Una, do. do.	4,174	"	4,043
4	New quarters for Assistant Surgeon at Dispensary Pindi-gheb, Ráwalpindi District ...	3,076	"	2,500
5	New Dispensary at Ahmedpur, Jhang District ...	7,300	3,950	3,300
6	Ditto at Mehta, Amritsar do. ...	4,893	2,236	1,999
7	New Civil Hospital at Ambala	40,681	...	15,033
8	Minor Works ... ..	...	...	11,401
	Total Medical ...	...	9,537	39,657
<i>Monuments and Antiquities.</i>				
1	Minor Works ... ..	...	...	-1,000
<i>Miscellaneous or General.</i>				
1	New Rest-house at Bhatta, Hissar District ...	3,000	Nil	1,374
2	Rest-house at Pahárpur, Dera Ismail Khan District ...	3,989	...	3,000
3	Minor Works ... ..	...	...	17,917
	Total ...	...	...	22,291
<i>Police.</i>				
1	Minor Works ... ..	...	...	927
	TOTAL CIVIL BUILDINGS ...	...	11,337	1,02,181

DIX D.

from Incorporated Local District Funds during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
1,210			
5,104	August 1892 ...	In progress.	Exclusive of outlay from Municipal Funds Rs. 2,000
5,000	February 1892 ...	Ditto	
1,910	March 1892 ...	Ditto	
2,305	September 1892	Ditto	
2,642	July 1892 ...	Completed.	
23,913			
40,874			
22			
3,593	September 1891	Completed.	Exclusive of outlay from Municipal Funds. Work under Provincial Public Works Department.
1,139	November 1892	In progress.	
4,043	December 1892	Ditto	
2,500	March 1893 ...	Ditto	
7,250	February 1891 ...	Completed.	
4,235	October 1891 ...	In progress.	
15,033	January 1892...	Completed.	
11,401			
49,194			
-1,000			
1,374	December 1892	In progress.	
3,000	November 1892	Ditto	
17,917			
22,291			
927			
1,13,518			

Statement of Expenditure on Major and Minor Works carried out

Serial number.	Name of Work.	Estimated cost.	Expenditure to end of March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
COMMUNICATIONS.				
<i>Roads Metalled.</i>				
1	Metalling remaining portion—Delhi-Najafgarh road, Delhi District	23,741	10,703	2,756
2	Metalling Nakodar-Nurmahal road, Jullundur District	32,006	5,553	13,813
3	Metalling and raising Gharshankar-Banga road, Hoshiarpur District	43,696	34	71
4	Metalling Siálkot-Amritsar road, Siálkot District	4,609	Nil	4,385
5	Metalling Nurpur-Shahar road, Ráwalpindi District	6,420	3,705	2,715
6	Minor Works	...	...	7,667
	Total	...	19,995	31,407
<i>Unmetalled Roads.</i>				
1	Raising and bridging Sonapat-Farmana road, Delhi District	2,547	Nil	1,601
2	Raising and bridging Sonapat and Gohana road, Delhi District	7,332	1,000	5,031
3	Constructing Bhiwani-Mahm road, Hissár District	2,500	Nil	23
4	Minor Works	...	...	27,263
	Total	...	1,000	33,918
<i>Bridges.</i>				
1	New bridge over Bara Akbarpura, Pesháwar District	3,492	Nil	3,502
2	Bridge over Batala and Dera Nanak road, Gurdáspur District	8,730	2,150	6,285
3	New bridge over Sukh Bera, Shujabad road, Mooltan District	4,737	1,499	2,176
4	New bridges over Surin Sidhni and Talumbi road, Mooltan District	2,986	500	2,342
5	Bridge over Sekandrabad Canal, Mooltan District	2,682	2,100	433
6	New bridge over Wali Mohamad Canal, Mooltan District	2,734	Nil	1,000
7	New Bridge over Khushab Beni, Mooltan District	3,755	...	1,000
8	New Bridge over Sardar Wah Canal, Mooltan District	4,253	2,500	500
9	Minor Works	...	...	36,475
	Total Bridges	...	8,749	53,713
<i>Accommodation for Travellers.</i>				
1	Construction of Serai Nuthiagali, Hazara District	2,590	Nil	1,270
2	Minor Works	...	...	6,177
	Total	...	...	7,447
	TOTAL COMMUNICATIONS	...	29,744	1,26,485

DIX D.

from Incorporated Local District Funds during 1892-93.—continued.

Total outlay to 31st March 1893.	Date of commence- ment of work.	Work completed or in progress.	REMARKS.
Rs.			
13,459	March 1891 ...	In progress.	
19,366	" 1892 ...	Ditto	
105	May 1891 ...	Ditto	
4,385	November 1892	Ditto	
6,420	March 1892 ...	Completed.	
7,667			
51,402			
1,601	July 1892 ...	In progress.	
6,031	March 1892 ...	Ditto	
23	October 1892 ...	Ditto	
27,263			
34,918			
3,502	December 1892	Completed.	
8,435	July 1891	In progress.	
3,675	February 1892	Ditto	
2,842	January 1892	Completed.	
2,533	February 1891	Ditto	
1,000	September 1892	In progress.	
1,000	March 1893 ...	Ditto	
3,000	March 1891 ...	Ditto	
36,475			
62,462			
1,270	February 1893...	In progress.	
6,177			
7,447			
1,56,229			

Statement of Expenditure on Major and Minor Works carried out

Serial number.	Name of Work.	Estimated cost.	Expenditure to end of March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
MISCELLANEOUS PUBLIC IMPROVEMENTS.				
<i>Water Supply.</i>				
1	Sarsuti Canal, Kurnál District	(a)	6,089	14,818
2	Water-supply Zearat Kaka Sahib, Pesháwar District ...	2,523	Nil	1,400
3	Sinking well at Budhani, Gurdáspur District ...	3,102	3,104	— 11
4	Minor Works ... ..	...	...	33,863
	Total ...	...	9,193	50,070
<i>Markets.</i>				
1	Minor Works ... ..	...	...	1,715 ⁵
<i>Paving Streets.</i>				
1	Minor Works ... ..	...	..	582
<i>Sewage and Drainage.</i>				
1	Mahru drainage, Delhi District	2,911	Nil	2,327
2	Mongashpore drainage, Delhi District	10,546	10,061	— 3
3	Teori and Mohamadpur Majru drains, Delhi District ...	2,895	Nil	2,683
4	Minor Works ... ..	...	...	10,031
	Total ...	...	10,061	15,038
<i>Conservancy.</i>				
1	Minor Works ... ..	...	...	110
<i>Miscellaneous.</i>				
1	Minor Works ... ..	...	...	5,922
<i>Town Buildings.</i>				
1	New District Board Office, Gujranwala	7,226	5,500	1,726
2	New Local Fund Office, Shahpur	6,686	...	3,430
3	Minor Works ... ..	...	...	1,689
	Total ...	...	5,500	6,845
	Total Miscellaneous Public Improvements	...	24,754	80,282
	GRAND TOTAL ...	...	65,835	3,08,948

DIX D.

from Incorporated Local District Funds during 1892-93.—concluded

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
20,907	October 1891 ...	In progress ...	(a) Estimate passed by Chief Engineer, Irrigation Branch, but not yet sanctioned by the Punjab Government in the Civil Department.
1,400	November 1892...	Do. ...	
3,093	January 1890 ...	Completed ...	
33,863			
59,263			
1,715			
582			
2,327	May 1892 ...	Completed ...	
10,058	October 1891 ...	Do. ...	
2,683	May 1892 ...	Do. ...	
10,031			
25,099			
110			
5,922			
7,226	March 1892 ...	Completed ...	Work is being carried out by Provincial Public Works Department.
3,430	December 1892...	In progress ...	
1,689			
12,345			
1,05,036			
3,74,783			

Statement of Major and Minor Works carried out

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
MUNICIPAL FUNDS.				
CIVIL BUILDINGS.				
<i>Police.</i>				
		Rs.	Rs.	Rs.
1	Building quarters for Deputy Inspector of Police, Simla ...	2,588	304	2,014
2	Re-roofing A. Division Police Barracks, Amritsar	4,269	4,034	1,693
3	Addition to Police Barracks at Fort Sialkote ...	3,000	...	3,000
4	New Police Chowkies, Rawal pindi ...	5,008	2,625	2,328
5	Police Station at Hushtnugri gate, Peshawar ...	6,954	...	6,820
6	Ditto Yukatut Ditto ...	7,054	...	7,526
7	Ditto Dabgari Ditto ...	6,954	...	8,925
8	Minor Works ...	...	...	7,200
	Total ...	...	6,963	39,506
<i>Educational.</i>				
1	Purchase of a building for Art School, Amritsar ...	4,000	...	4,000
2	Purchasing land for Construction of School House, Peshawar ...	5,807	...	5,807
3	Construction of new School House, Edwardesabad, Bannu District ...	10,194	...	2,000
4	Minor Works ...	...	...	6,530
	Total ...	...	...	18,337
<i>Medical.</i>				
1	New Dispensary Rupar, Ambala ...	5,402	...	5,402
2	Do. Civil Hospital, Ambala ...	40,681	12,355	9,594
3	Contribution towards Construction of New Dispensary, Gujrat ...	25,510	4,000	2,000
4	Minor Works ...	...	...	7,881
	Total ...	...	16,355	24,877
<i>Miscellaneous or General.</i>				
1	Minor Works ...	...	...	10
	Total Civil Buildings ...	...	23,318	82,730
COMMUNICATIONS.				
<i>Metalled and Bridged Roads.</i>				
1	Minor Works ...	...	...	197
<i>Accommodation for Travellers.</i>				
1	Minor Works ...	...	...	1,996
	TOTAL COMMUNICATIONS ...	...	...	2,193

DIX E.

from Municipal Funds during 1892-93.

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
2,318	March 1892 ...	In progress.	
5,727	August 1891 ...	Completed.	
3,000	July 1892 ...	Ditto	
4,953	March 1892 ...	Ditto	
6,820	May 1892 ...	Ditto	
7,526	May 1892 ...	Ditto	
8,925	September 1892...	Ditto	
7,200			
46,469			
4,000	March 1893 ...	Completed.	
5,807	May 1892 ...	Ditto	
2,000	March 1893 ...	In progress.	
6,530			
18,337			
5,402	March 1893 ...	In progress.	
21,949	January 1892 ...	Ditto	Work is being carried out by Provincial P. W. D.
6,000	February 1891 ...	Ditto	Ditto ditto ditto
7,881			
41,232			
10			
1,06,048			
197			
1,996			
2,193			

Statement of Major and Minor Works carried out

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
MUNICIPAL FUNDS.—continued.				
MISCELLANEOUS PUBLIC IMPROVEMENTS.				
<i>Town Buildings.</i>				
1	Alterations and Repairs to Town Hall, Dalhousie, Gurdaspur District	6,000	1,601	11,598
2	Victoria Jubilee Hall, Lahore	57,441	46,873	10,396
3	Out houses of Victoria Jubilee Hall, Lahore	6,886	...	3,000
4	New Clock Tower, Multan	85,825	66,281	5,000
5	Addition and alteration to Municipal Hall, Rawalpindi	8,771	3,856	4,241
6	New Godown and Stable, Edwardesabad, Bannu	2,548	1,958	595
7	New Local Funds office, Dera Ghazi Khan	2,915	...	2,310
8	Minor Works .. .. .	...	...	13,816
	Total .. .. .	...	1,20,569	50,956
<i>Water-Supply.</i>				
1	Masonry Tank Zirah Ferozepore, District	8,547	6,248	400
2	Mozang Water-supply, Lahore	23,524	22,766	684
3	Laying pipe on Jhind Road, Lahore	2,992	1,355	1,463
4	Sinking three new wells, Multan	3,000	2,826	479
5	Distribution of water in City, Rawalpindi	99,264	31,726	17,920
6	Hastings's memorial fountain, Peshawar	7,682	3,100	4,582
7	Contribution towards the construction of Water-supply, Kohat	25,000	8,000	15,272
8	Minor Works .. .. .	...	...	28,869
	Total .. .. .	...	76,021	69,669
<i>Markets.</i>				
1	Re-roofing old market, Simla	4,990	13	4,532
2	Bazar Street roofing, Dera Ghazi Khan	7,150	1,623	1,723
3	Minor Works .. .. .	...	...	7,658
	Total .. .. .	...	1,636	13,913
<i>Pavements of Streets.</i>				
1	Retaining wall and buttress of the Combermere ravine, Simla	3,094	...	3,412
2	New streets and lanes, &c., Jhunda Singh Bagh, Amritsar	9,108	3,427	2,762
3	Metalling Jubilee Road, Jandiala, Amritsar District	2,754	...	1,500
4	Widening Mozang street, Lahore... .. .	15,138	...	4,548
5	Pacca pavement, Isakhel, Bannu	4,800	4,700	—460
6	Providing a pacca road at back of Jail, Dera Ismail Khan	2,946	...	2,548
7	Minor Works .. .. .	...	...	47,503
	Total .. .. .	...	8,127	61,813

DIX E.

from Municipal Funds during 1892-93.—continued.

Total outlay to 31st March 1893:	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
13,199	October 1890 ...	Completed.	
57,269	November 1886	Ditto	
3,000	November 1892	In progress ...	Exclusive of outlay from District (Incorporated Local) Funds Rs. 2,000.
71,281	December 1883...	Ditto	
8,097	December 1891...	Ditto	
2,553	March 1892 ...	Completed.	
2,310	May 1892 ...	Ditto ...	Exclusive of outlay from District (Incorporated Local) Fund Rs. 750.
13,816			
1,71,525			
6,648	Not stated ...	In progress.	
23,450	April 1891 ...	Ditto	
2,818	March 1892 ...	Completed.	
3,305	August 1891 ..	In progress ...	Exclusive of outlay from District (Incorporated Local) Fund Rs. 2,000 and private contribution Rs. 3,697.
49,646	May 1891 ...	Ditto	
7,682	May 1891 ...	Completed ...	Work is being carried out by Provincial, P. W. D.
23,272	October 1891 ...	In progress.	
28,869			
1,45,690			
4,545	March 1892 ...	In progress.	
3,346	March 1891 ...	Ditto	
7,658			
15,549			
3,412	June 1892 ...	Completed.	
6,189	February 1886 ...	In progress.	
1,500	January 1893 ...	Ditto	
4,548	October 1892 ...	Ditto	
4,240	February 1886 ...	Ditto	
2,548	July 1892 ...	Ditto	
47,503			
69,940			

Statement of Major and Minor Works carried out from

Serial No.	Name of Work.	Estimated Cost.	Expenditure prior to 31st March 1892.	Expenditure during 1892-93.
		Rs.	Rs.	Rs.
MUNICIPAL FUNDS.—concluded.				
<i>MISCELLANEOUS PUBLIC IMPROVEMENTS.—concluded.</i>				
<i>Conservancy.</i>				
1	Two New Circular Latrines, Amritsar	3,172	693	692
2	Minor Works ... ..	...	...	7,519
	Total ... ..	...	693	8,211
<i>Sewage and Drainage.</i>				
1	New Drains, Faridabad, Delhi District	13,154	1,024	2,445
2	Extension of Sewage Line, Simla	45,824	27,250	—27,250
3	Drainage channels, Ludhiana	1,42,311	84,312	1,737
4	Contribution towards Drainage scheme, Jullundur	26,442	14,990	859
5	New kacha drain at Kila Toba, Hoshiarpur	8,120	2,996	6,577
6	Mozang drains, Lahore	7,988	1,910	7,187
7	Kucha drains, Lahore	7,826	...	1,956
8	Intercepting sewer outside Taksali Gate, Lahore	4,393	...	4,380
9	Intercepting sewer near Masti Gate, Lahore	3,717	...	2,500
10	Intramural drainage, Gujranwala	30,340	12,656	10,000
11	Minor Works ... ..	...	...	41,169
	Total ... ..	...	1,45,138	51,560
<i>Miscellaneous.</i>				
1	Stand and enclosure for cattle fairs, Amritsar	2,918	...	7,290
2	Minor Works ... ..	...	...	13,871
	Total ... ..	...	...	15,161
	Total Miscellaneous Public Improvements ... ..	...	3,52,184	2,71,283
	GRAND TOTAL ... ..	...	3,75,502	3,56,206

DIX E.

Municipal Funds during 1892-93—(concluded).

Total outlay to 31st March 1893.	Date of commencement of work.	Work completed or in progress.	REMARKS.
Rs.			
1,385	August 1891 ...	In progress.	
7,519			
8,904			
3,469	February 1892 ...	In progress.	
...	April 1891 ...	Ditto	
86,049	November 1888,	Ditto	Money refunded to Municipality from Provl. Funds.
15,849	January 1890 ...	Ditto	Work is being carried out by Provl. P. W. D.
9,573	February 1892 ...	Ditto	Do. do. do.
9,097	March 1891 ...	Ditto	
1,956	May 1892 ...	Ditto	
4,380	August 1892 ...	Ditto	
2,500	March 1893 ...	Ditto	
22,656	January 1891 ...	Ditto	Work is being carried out by Provl. P. W. D.
41,169			
1,96,698			
8,290	November 1892...	In progress.	
13,871			
15,161			
6,23,467			
7,31,708			

APPENDIX F.

Metalled and unmetalled Imperial, Provincial, and District Roads in the Punjab in 1892-93.

P. W. Division or District.	Metal renewed.	TOTAL LENGTH TO CLOSE OF 1892-93.		REMARKS.
		Metalled.	Unmetalled.	
	Miles.	Miles.	Miles.	
IMPERIAL ROADS.				
Pesháwar Division ... ..	...	1 $\frac{1}{2}$	31 $\frac{3}{4}$	
Ráwalpindi „ ... ..	...	5 $\frac{1}{4}$	1 $\frac{1}{4}$	
Gujránwála Indpt. Ex. Charge	...	...	...
Kohát Division ... ..	...	92 $\frac{1}{4}$	73 $\frac{1}{2}$	
Delhi „ ... ..	...	...	...
Ambala „ ... ..	...	...	...
Simla „ ... ..	...	...	...
Jullundur „ ... ..	...	...	...
Amritsar „ ... ..	...	...	...
Lahore „ ... ..	...	...	...
Mooltan Indpt. Ex. Charge	...	...	...
Dera Ismail Khan Division	...	116 $\frac{1}{2}$	255 $\frac{1}{2}$	
Dera Ghází Khan „ ... ..	...	16 $\frac{3}{4}$	148	
Total Imperial Roads ... ..	...	232 $\frac{1}{2}$	510	
PROVINCIAL ROADS.				
Peshawar Division ... ..	...	90 $\frac{3}{4}$	447 $\frac{3}{4}$	
Rawalpindi „	18 $\frac{1}{4}$	250 $\frac{3}{4}$	188 $\frac{3}{4}$	
Gujranwala Indpt. Ex. Charge	...	129 $\frac{1}{4}$	111 $\frac{3}{4}$	
Kohat Division ... ..	...	1	105	
Delhi „	22 $\frac{3}{4}$	198 $\frac{1}{2}$	72 $\frac{3}{4}$	
Ambála „ ... ..	...	342 $\frac{3}{4}$	114	
Simla „	17 $\frac{1}{4}$	61 $\frac{1}{2}$	199 $\frac{1}{2}$	
Jullundur „	27	220 $\frac{1}{2}$	289	
Amritsar „	3 $\frac{1}{4}$	57	125 $\frac{1}{2}$	
Lahore „	9 $\frac{1}{4}$	107 $\frac{3}{4}$	25	
Mooltan Indpt. Ex. Charge	...	29	83	
Dera Ismail Khan ... ..	...	12	256	
Dera Ghazi Khan ... ..	...	29 $\frac{3}{4}$	795 $\frac{1}{2}$	
Total Provincial Roads	97 $\frac{3}{4}$	1,530 $\frac{1}{2}$	2,813 $\frac{1}{4}$	
DISTRICT ROADS.				
Pesháwar ... ..	...	15 $\frac{1}{2}$	495 $\frac{1}{2}$	
Hazára ... ..	...	...	395	
Kohat ... ..	...	$\frac{1}{2}$	292 $\frac{3}{4}$	
Ráwalpindi	13 $\frac{3}{4}$	34 $\frac{1}{4}$	1078 $\frac{1}{4}$	
Sháhpur	$\frac{1}{4}$	6 $\frac{1}{2}$	836	
Jhelum ... ..	...	...	1080	
Gujrat ... ..	...	9	603	
Siálkot ... ..	...	20 $\frac{1}{4}$	764 $\frac{1}{2}$	
Gujránwála	1	4	1141	
Delhi	2	39 $\frac{1}{2}$	450 $\frac{3}{4}$	
Gurgáon	11	75	571	
Rohtak	27	103 $\frac{1}{2}$	578 $\frac{1}{2}$	
Hissár ... ..	...	20 $\frac{1}{2}$	879	
Karnál ... ..	...	81	612	
Ambala	4	23	562 $\frac{1}{2}$	
Simla ... ..	...	...	...
Jullundur ... ..	...	89	339 $\frac{1}{2}$	
Ludhiana	9 $\frac{1}{4}$	68	226 $\frac{1}{2}$	
Hoshiárpur	2	16	713	
Kangra ... ..	...	...	710	
Ferozepur	7 $\frac{3}{4}$	24 $\frac{3}{4}$	829	
Lahore ... ..	...	11 $\frac{1}{4}$	738 $\frac{1}{2}$	
Mooltan	5	23	1197	
Jhang ... ..	...	15 $\frac{1}{2}$	1053 $\frac{1}{2}$	
Montgomery ... ..	...	1 $\frac{1}{2}$	1048 $\frac{1}{2}$	
Amritsar	2	16	329	
Gurdáspur	3	24	531 $\frac{1}{2}$	
Dera Ismail Khan ... ..	...	...	823	
Bannu ... ..	...	...	574	
Dera Ghází Khan ... ..	...	7 $\frac{1}{2}$	570	
Muzaffargarh	$\frac{1}{2}$	16 $\frac{1}{4}$	537 $\frac{3}{4}$	
Total District Roads	76 $\frac{1}{2}$	745 $\frac{1}{2}$	20,430 $\frac{1}{2}$	
Grand Total	174 $\frac{1}{2}$	2,508 $\frac{1}{2}$	23,753 $\frac{1}{2}$	

Financial results of Boat-Bridges and Major Ferries in the Punjab for the year 1892-93.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Serial No.	LOCALITY.	Capital cost to end of 1891-92.	Capital cost during 1892-93.	Total Capital cost to end of 1892-93	EXPENDITURE ON					Total expenditure 1892-93.	Gross receipts 1892-93.	Net Receipts.	Interest on Capital outlay at 4 per cent.	PROFIT OR LOSS, <i>i. e.</i> RESULT OF COLUMNS 13 AND 14.		REMARKS.
					Repairs.	Establishment.	Hire of boats, &c.	Completing equipment.	Toll collection.					Profit.	Loss.	
1ST CIRCLE.																
1	Khushab, over river Jhelum	20,418	...	20,418	2,084	2,383	500	2,582	1,547	9,096	6,603	-2,493	817	...	3,310	Under the charge of the Deputy Commissioner. Was dismantled on 20th April 1892 and re-opened on 13th October 1892. Some boat-bridge materials were swept away by a flood on the 25th January 1893, but afterwards recovered.
2	Khushalgarh, over river Indus—															
	(a) Boat Bridge ...	86,905	...	86,905	3,762	3,610	897	955	...	9,424	8,135	-1,289	3,476	...	4,870	Maintained by the Executive Engineer. The tolls are farmed by the Civil authorities.
	(b) Ferry ...	2,631	...	2,631	...	...	...	...	...	...	...		105			
3	Nowshera, over Kabul river	1,02,794	...	1,02,794	6,158	2,998	762	7,988	...	17,906	19,400	1,494	4,112	...	2,618	Maintained by the Executive Engineer throughout the year. The bridge was damaged by a flood on the 2nd August 1892 and reconstructed on the 5th September following. The collection of tolls is under the management of the Deputy Commissioner.
4	At Daodzai, over the following branches of the Kabul river—															
	i. Adozai branch ...	...	...	...	148	753	1,982	...	} ...	2,883	} 5,104	-3,033	...	...	3,033	} These boat-bridges are maintained by the Civil authorities. The boats are hired, and the tolls farmed.
	ii. Nagoman ,, ...	...	...	...	98	1,227	1,106	899		2,830						
	iii. Shahalum ,, ...	...	...	...	40	831	1,502	51		2,424						
5	Dobandi, over Kabul river	...	...	...	547	879	1,837	2	...	3,265	4,660	1,395	...	1,395	...	
6	Ferry, over river Jhelum ...	2,532	...	2,532	383	1,478	539	28	310	2,738	4,312	1,574	101	1,473	...	Maintained by the Deputy Commissioner, Jhelum.

Financial results of Boat-Bridges and Major Ferries in the Punjab for the year 1892-93.—concluded.

Serial No.	LOCALITY.	Capital cost to end of 1891-92.	Capital cost during 1892-93.	Total Capital cost to end of 1892-93.	EXPENDITURE ON					Total expenditure 1892-93.	Gross receipts 1892-93.	Net Receipts.	Interest on Capital outlay at 4 per cent.	PROFIT OR LOSS, i. e., RESULT OF COLUMNS 13 AND 14.		REMARKS.	
					Repairs.	Establishment.	Hire of boats, &c.	Completing equipment.	Toll collection.					Profit.	Loss.		
2ND CIRCLE.																	
7	Rajghat, over river Jumna,	...	...	...	20	25	...	...	420	465	2,722	2,257	...	2,257	...	The bridge was under direct management, but the boats were hired.
8	Dera Gopipur, over river Beas	8,185	...	8,185	2,039	300	...	255	902	3,496	6,445	2,949	327	2,622	...	Under direct management of Deputy Commissioner, Kangra.	
9	Mamarpur, over river Jumna	...	...	...	...	...	...	...	...	...	6,100	6,100	...	6,100	...	The bridge and ferry were both leased. The boats were hired.
10	Chainsa do. do. ...	...	...	...	...	...	...	...	1,015	1,015	1,277	262	...	262	...	The bridge and ferry were both leased. The boats were hired.
11	Sanauli do. do. ...	...	...	...	...	...	...	...	141	141	5,024	4,883	...	4,883	...	The bridges and ferries were provided by the contractors to whom the ferries were leased.
12	Mirgham do. do. ...	924	...	924	...	...	...	...	141	141	2,646	2,505	37	2,468	...	
3RD CIRCLE.																	
13	Shahdara, over river Ravi...	30,640	...	30,640	1,171	2,254	...	1,427	1,528	6,380	23,449	17,069	1,226	15,843	...	Maintained by the Executive Engineer. There is no ferry.	
14	Dera Ismail Khan, over river Indus— Boat Bridge ... Ferry and steamer service ...	1,04,297 ...	...	1,04,297 ...	6,573 ...	4,696 ...	1,560 5,000	5,547 ...	647 ...	19,023 5,000	24,033	10	4,172	...	4,162	Maintained by the Deputy Commissioner, Dera Ismail Khan. Boats are hired for the ferry. The Steamer is under the management of the N. W. Railway.
15	Dera Ghazi Khan, over river Indus— Boat Bridge ... Ferry and steamer service ...	1,49,005 4,680	...	1,49,005 4,680	5,144 119	8,170 617	3,586 5,000	7,834 170	... 2,232	24,734 8,138	14,860	-18,012	6,147	...	24,159	Maintained by the Executive Engineer. The Steamer is under the management of the N. W. Railway.	
16	Chichawatni, over river Ravi	34,857	...	34,857	854	1,185	...	80	213	...	2,332	3,400	1,068	1,394	...	326	Maintained by the Executive Engineer. There is no ferry.

Funds.	Name of Work.	Estimated cost.	Outlay previous to 1892-93.		Outlay of 1892-93.	Establishment charges, 1892-93.		Tools and Plant charges, 1892-93.	REMARKS.
			Rs.	Rs.		Rs.	Rs.		
MUNICIPAL WORKS.									
	Protective works Dera Ghazi Khan	7,02,500	5,00,597	-71/47	...	...	...	...
	Less debitable to Provincial	...	...	-24	...	...	...	...
	Net Excluded Local Funds	...	...	...	...	...	...	...
	New Dispensary at Gujrat	25,510	10,000	2,922	350	...	...	...
	Intramural drainage, Gujranwala	31,740	13,172	6,804	760	...	...	...
	Sewage and Drainage, Gujranwala	...	494	-441	-53	...	...	...	On outlay of Rs. 6,254. On minus outlay of Rs. 441.
	Preliminary survey of Water supply at Wazirabad	220	...	196	24	...	...	...
	Kohat Water supply	88,346	17,227	55,463	...	...	...	...
	Less debitable to Imperial Military	...	17,227	30,463	...	...	...	...
	Less debitable to Imperial Military for do.	...	...	25,000	...	...	...	...	No percentage charged for Establishment. Includes Rs. 17,000, against Local Loans.
	Net Contribution, &c.	...	...	...	...	...	...	...
	Civil Hospital, Ambala	40,681	12,172	8,722	710	...	...	...
	Gazipur Bunn	14,684	...	3,734	858	...	...	...
	Ludhiana Drainage	1,42,311	1,05,776	* 32,204	...	...	...	...	* Local Loans, Rs. 30,467 Contribution, 1,737
	Jullundur Drainage	27,925	(a) 27,846	859	...	...	...	...	(a) Includes Rs. 12,859 debited to Provincial Funds.
	Beas River Protective works	9,429	7,258	-145	...	...	...	...
	Deduct charged to Provincial Funds	...	4,115	1,476	...	...	...	...
	Net Contribution	...	3,143	1,331	...	...	...	...
	Providing pecca' floor on tank at Magh	2,461	...	1,500	...	...	...	...
	Delhi Water works	10,42,227	8,27,710	1,02,015	10,040	...	...	...	Local Loan.
	Special Repairs Kalka Water supply	6,324	4,915	(b) 1,522	364	...	...	...	(b) Includes Rs. 516 debited to Miscellaneous advances.
	Simla Water-supply	3,81,856	...	2,79,905	...	...	...	...	Exclusive of outlay charged to Provincial and Imperial grants.
	Simla Sewage lines	2,05,482	...	1,05,084	...	...	...	...	No Establishment percentage charged. Local Loans.
	Dalhouse Water-supply	50,336	...	25,986	...	...	...	...
	Total Municipal Works	...	15,05,825	5,97,319	14,215	251	...	...
DISTRICT FUNDS.									
	Annual repairs to Rest house, Hoshiarpur	114	...	107	13	1	...	...
	New Dispensary at Gujrat	25,510	11,000	...	...	...	...	...	No outlay during year against District Fund.
	New Local Fund Office at Shahpur	6,686	...	3,430	411	...	...	...	* Represents outlay in previous year on Contribution works and Miscellaneous advances.
	Civil Hospital, Ambala	40,681	* 14,975	15,034	1,804	225	...	...
	Restoration of old Idgah at Multan	23,895	...	2,000	...	...	...	...
	Total District Funds	...	25,975	20,571	2,228	226	...	...

MUNICIPAL AND LOANS ...

DISTRICT FUNDS ...

Punjab Provincial P. W. D. Establishment Charges for works carried out from Local Funds and other Contributions during 1892-93.

Funds.	Name of Work.	Estimated cost.	Outlay previous to 1892-93.	Outlay of 1892-93.	Establishment charges, 1892-93.	Tools and Plant charges, 1892-93.	REMARKS.
		Rs.	Rs.	Rs.	Rs.	Rs.	
	PRIVATE.						
	Completing Murree Chapel	12,174	..	12	..	..	No percentage charged for Establishment (excludes outlay of Rs. 1,829 debited to Civil Department)
	Dufferin Hospital, Delhi	1,39,667	91,786	42,323	4,960	-788	
	Muhamedan Madrasa, Ajmeri Gate, Delhi	13,849	13,300	-1,654	..	..
	Jubilee Museum, Lahore	1,41,354	92,893	57,441	..	..
	Deduct chargeable to Provincial... ..	..	30,000	..	..	..	No percentage charged for Establishment.
	Net Contributions ... ..	..	62,893	57,441	..	..
PRIVATE AND OTHER FUNDS	Restoring the Idgab at Multan	23,695	6	12,824	1,298	..	
	Deduct chargeable to Provincial... ..	..	..	3,724	1,298	..	
	Write back of outlay from Works to Repairs on account outlay incurred on restoration of Idgab, Multan ... ..	..	6	9,100	..	..
	Supplying Punkhas in the Prince Albert Wing, Mayo Hospital, Lahore	305	..	-6	..	..
	Ambala Water supply ... ..	..	..	5,034	605	..	No Establishment percentage charged.
	Total Private ... ..	..	1,67,985	1,12,550	5,565	-788	
	MILITARY DEPARTMENT.						
MILITARY FUNDS	Improving road from Durband towards Bais beyond Indus Expenditure on Minor Works Military, debited to Military Works Department ... ..	..	..	218	50	3	
	Constructing three katcha tanks at Lundi Kotal ... ..	..	..	20,589	4,451	290	
	Water supply Tangai ... ..	..	..	5,109	1,174	77	
	Second Reservoir at Defensible Serai, Lundi Kotal ... ..	..	..	9,934	2,284	149	
	Making a bund near Zarin spring to gauge supply at Tangai ... ..	..	..	473	109	7	
	New bridge over Gomal at Khajuri Kach ... ..	..	..	14	3	..	
	..	..	..	36	8	1	
	Total Military Department ... ..	..	..	36,373	8,079	527	
	Grand Total ... ..	..	16,99,785	*7,66,813	30,087	216	
	Deduct charged to District Incorporated Local Funds ... ..	..	..	..	2,228	..	
	Total ... ..	..	..	..	27,859	..	

° CONTRIBUTIONS—Municipal Funds 4,21,359 }
Private 1,12,550 } 5,33,909
Local Loans 1,75,468
Miscellaneous Advances 516
District (Incorporated Local) Funds 20,571
Military and other Departments 36,373
Excluded Local Funds 7,66,837
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