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**Review of the Administration Report
of the Punjab Public Works Department,
Buildings and Roads Branch,
for the year 1948-49**

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concerning

The Administration Report of the Public Works Department,
Buildings and Roads Branch, for the year 1948-49.

Expenditure—The total expenditure on works and technical
education in the year 1948-49 was Rs. 1,72,00,000 as compared
to Rs. 51.5 lakhs in the previous year.

Communications—The total expenditure on roads, including
their maintenance, was Rs. 1,29,60,461. During the year under
review 231.44 miles were surfaced with tar and bitumen as against
551 miles in 1947-48. This reduced progress was due to shortage
of machinery and materials for resurfacing work. At the end
of the year 1948-49, 2,737 miles of metalled and 1,338 miles of un-
metalled roads were under the charge of this Department as against
6,679 miles of metalled and 1,227 miles of unmetalled roads last
year.

In addition to the above lengths of roads, another 380 miles
metalled and 11,723 miles of unmetalled, Class II roads were
being maintained by the District Boards.

Of the several road works completed during the year, mention
may be made of the following:—

- (1) Constructing last 2 miles of Lora-Ghoragalli Road
lying within the Punjab jurisdiction.
- (2) Metalling Muzaffargarh-Alipur-Panjnad Road, Art.
No. 34.
- (3) Constructing Bund in Guraha Creek at Ghazi Ghat.
- (4) Metalling and improving Toba Tek Singh-Chicha-
watni-Burewala Road, Art. No. 39.

The under mentioned road works were in the process of com-
pletion:—

- (1) Improving and metalling Rawalpindi-Kahuta-Punjar-
Lachhman Pattan Road, Art. No. 30.
- (2) Improving and metalling Rawalpindi-Lehtrar Road.
Section Rawalpindi-Chirah (10 miles).
- (3) Sargodha-Lak Bhalwal Road. (Length 11.74 miles).
- (4) Shahpur-Jhawrian Road. (Length 10.37 miles).
- (5) Constructing and metalling road from Khushab to
Muzaffargarh. (Road length 15.49 miles).
- (6) Constructing Jabbi-Mitha Tiwana Road. (Length 10.75
miles.)
- (7) Constructing a metalled road from Mianwali to
Muzaffargarh. (Length 32 miles.)

(8) Constructing a metalled road from Piplan to Harnoli in Mianwali district.

(9) Constructing a metalled road from Kalurkot to Rangpur Bhegur. (Length 14·87 miles).

(10) Constructing a metalled road from Jampur to Rajanpur.

(11) Improving and metalling road from Ahmedpur to Muzaffargarh. Section Muzaffargarh to Langar Serai.

(12) Metalling Multan-Basti Maluk Road.

(13) Constructing Montgomery-Chichawatni Road, Art. No. 4.

(14) Constructing Chichawatni-Kacha Khuh Road, Art. No. 4, in Montgomery and Multan districts.

Buildings—The total expenditure on buildings including cost of maintenance was Rs. 34,86,300. The expenditure by minor heads under the following major heads on buildings (Original Works and Repairs) was—

	MAJOR HEAD	
	50—Civil Works	81—Capital Works not charged to Revenue
	Rs.	Rs.
General Administration (Charged)	1,38,486	..
General Administration (Voted)	5,09,610	..
Administration of Justice	1,387	33,615
Jail and Convict Settlements	1,88,466	—16,509
Police	1,60,103	..
Medical	3,53,243	..
Public Health	38,585	..
Agriculture	1,18,421	—1,34,191
Veterinary	30,486	..
Industries	23,691	..
Civil Works	4,49,397	..
Stationery and Printing	6,864	..
Education	8,16,745	2,99,297
Co-operative	1,556	..
Other Departments	5,18,048	..
Total	33,04,988	1,82,212

Some of the important building works completed during the year under review are detailed below:—

- (1) Construction of Storage Bins accommodation for food-grain in Sargodha and Multan districts.
- (2) Construction of Bulk Storage Bins at Renala Khurd, Montgomery, Pakpattan, Burewala, Vehari and Chichawatni.
- (3) Construction of Refugees Camp at Multan, Montgomery, Arifwala, Burewala and Vehari.
- (4) Extension of Punjab College of Engineering and Technology.

The following major works were in progress:—

- (1) Constructing DeMontmorancy College, Sargodha.
- (2) Constructing Government Normal School at Sargodha.
- (3) Constructing Government College at Montgomery.
- (4) Constructing 6 Sub-Judges Court in Jind House, Lahore.

Due to financial stringency, shortage of material, paucity of resourceful contractors and qualified Engineers, new works of importance could not be taken in hand during the year under review and the activities of this Department were, therefore, mainly confined to the completion of unfinished works, special repairs, and maintenance of Government buildings.

Communications Board—During the year under review the Board held three regular meetings and two meetings of the Finance Sub-Committee for distribution of grants to District Boards. Funds to the extent of Rs. 2,81,924 were distributed as grants-in-aid to various District Boards in the Punjab and technical sanction was accorded to 28 road Projects of the different District Boards.

The combined post of Superintending Engineer (Roads) and Secretary, Communications Board, Punjab, continued during the year with a separate staff for the latter.

Public Health—During the year under review, the Public Health Branch prepared and examined projects of the value of Rs. 87,92,974 for the Punjab Government, Local Bodies in the Punjab. Besides the construction of the Lahore Sewerage and other Schemes of Local Bodies, which were either completed or in progress, about 31 important works were commenced and 22 were completed during the year. All important water-supply and sanitary installations throughout the Province continued to be maintained and run by this Branch for the year 1948-49. These works comprise water-supply installations, consisting of tubewell and percolation wells with steam, oil engine driven and electric

pumping plants, reservoirs, tanks and pipe lines, sanitary installations, with fittings of all types, drains, sewers, sewerage pumping, treatment and disposal installations, septic tanks and sewerage Farms, steam disinfection apparatus, gas plants, hot water supply, heating, air conditioning and laboratory installation, etc. The average daily quantity of water, sewage and sullage dealt with by the Public Health Circle was approximately 82,35,010 gallons and the total horse power of the installations including those under completion was nearly 912 B.H.P.

The total B.H.P. of the plant actually in operation was approximately 1,228 while new plants totalling more than 110 B.H.P. were under order or in course of erection.

Electrical Engineering—The Electrical Engineer and his staff remained very busy during the year in executing a number of original works and maintaining the Electric installations in Government buildings all over the Province. Besides this, lighting arrangements were made in almost all the refugee camps throughout the Province.

Engineering Education—The cost of Engineering Education during the year was Rs. 5,69,640.

(a) *Punjab College of Engineering and Technology, Lahore*—Four hundred candidates competed during the year under review for admission to the "A" Class B.Sc. (Engineering Degree of the Punjab University), for 136 vacancies, against 421 applications for 178 vacancies last year. Six candidates were also admitted from N.-W. R. and 24 from other administrations making a total enrolment of 166. For the "B" Class, which leads to L. M. E. and L. E. E. certificate in Engineering, only 24 candidates competed for 23 vacancies reserved for the Punjabi students. The number of applications received for entry to "C" Class, namely, the Apprentice Class, was only 3 and as such the class could not be started this year too far want of adequate number of students.

The result of the final examination in 1948 was satisfactory. Out of 67 "A" Class students who appeared in the final examination of the B. Sc. Degree in Engineering of the Punjab University, 51 were declared successful.

(b) *Government School of Engineering, Punjab, Rasul*—As a result of the annual competitive examination held in September, 1948, 216 students were admitted in the Overseer Class and 34 students in the Draftsmen Class; 10 students in the first year Class were repeating the course. Fifteen Tracers from the Irrigation Branch of the Punjab Public Works Department, were also admitted for training in the Draftsmen Class. One student left the school in December 1948, and the total number of students in the first year

Class, as it stood on the 31st March 1949, was 276. Out of these 8 students belonged to N.-W. F. P. and one student is from the Azad Kashmir State.

The result of the final examination for Overseers was satisfactory. Out of a total of 98 students who appeared, 34 obtained "A" Class certificate, 1 with "Honour" and 33 with "Credit". Out of the remaining 64, 50 obtained the 'B' Class certificate, 13 passed in the retest while one student failed. In the Draftsmen Class out of 22 students who took the examination, 2 students obtained "A" Class certificate (with credit), 9 "B" Class certificate, 7 were passed in retest and the remaining 4 examinees failed. In the Surveyor Class, 3 students appeared and all passed.

Town Planning—Mr. Habib J. A. Somjee, B.A.D. Arch. (London), F.R.I.B.A., C.T.P. (London), F.I.I.A., held the post of Provincial Town Planner during the year under report.

2. As in the previous year, the work of the Town Planning section of the Department consisted of:—

- (a) preparing Town Planning and Buildings Schemes including the requisite Surveys, under section 192 of the Punjab Municipal Act, 1911, for all Municipal Committees and Improvement Trusts (except the Corporation and Improvement Trust, Lahore),
- (b) advising Commissioners and Government in connection with Town Planning Schemes in the Punjab, and
- (c) the preparation of development schemes for lands owned by Government and various Municipal and Notified Area Committees.

During the year under review, 26 schemes were prepared. 16 were under preparation and advice was given either to Government or the Local Bodies concerned on about 30 Town Planning Schemes and their lay out.

Administration—Mr. A. Karim, I.S.E., who was confirmed in the rank of Chief Engineer substantively with effect from 16th February 1948, held that post throughout the year under report

M. AZAM

Secretary to Government, Punjab
P. W. D., Buildings and Roads Branch

