CHAPTER VII COMMUNICATIONS

OLD TIME TRADE ROUTES AND HIGHWAYS AND MODES OF CONVEYANCE

The account of the roads given by Buchanan at the beginning of the nineteenth century presents a vivid picture of the deficiency of communications at that time. "During the rainy season", he says, "all internal commerce is at a complete standstill, as the roads are then so bad, as not to admit of even cattle travelling with back loads. I have seen no country, where so little attention has been paid to this important subject, and even in the vicinity of the jails, where many convicts sentenced to labour are confined, very little has been done. The cross roads from market to market are those which are chiefly wanted, and no one who has not seen the condition of these could believe that a country so extremely populous and rich, and having such occasion for land conveyance, could be so ill provided. The object in such roads is not to enable gentlemen to drive their curricles, but to enable cattle carrying back loads to pass at all seasons from one market to another, and in the fair season to enable carts to do the same."* The two great historic roads of the district are those which run by the Ganga and Son. The first runs from Koilwar through Maner, Danapur, Patna, Barh and Dariapur, whence it ran to Monghyr and Bhagalpur and the east. That was the ancient route from Bihar by Sakrigali to Bengal. It was metalled from Maner to Fatwa, and was well-shaded throughout. I The second one ran through Phulwari, Naubatpur and Bikram to Kanpa, whence it ran parallel with the Son into Gaya district. This was the old road from Patna to Delhi. The best mufassal roads were those from Patna to Hilsa through Fatwa; and from Patna to Bikram, through Maner and Bihta.

The west of the district was well provided with good roads: but in the centre and east much of the internal traffic was carried on by means of pack-bullocks, owing to the obstruction of rivers, streams and irrigation channels to carts. It was not until the end of the cold weather that the interior of this part of the district was opened to them. The carts in use were similar to those used in other parts of Bihart. The internal communication were almost entirely confined to pack-bullocks. The Ganga was the great highway between the district and other parts of India, and it continued to form practically the only route to Bengal until 1862, when the main line of the East India Railway was extended through the district. In 1877 the Patna-Gaya

^{*}Patna District Gazetteer (1924), p. 129.

[†]Ibid, p. 130.

was opened, and thus provided another means of traffic; in 1879 the Patna-Gaya State Railway was started; in 1903 the Bakhtiarpur-Bihar light railway was opened for traffic and later this line was extended to Rajgir* and another light railway was also opened from Fatwa to Islampur.

Among the old time conveyances boats of various dimensions, e.g., bajrahs for heavy load and dingis for lighter one may be mentioned. Bullock-carts were popular all over the district, both for carrying goods from interior to market places as well as for passengers. Some of them had tappars or even makeshift canvas arrangement to provide purdah to lady passengers. Pack-ponies or bullocks were also largely employed for carriage of goods. The countryside aristocracy used to maintain riding horses. People of modest means used to travel in dolis made of wood or khatoli, palkis or palanquins, usually with ornamentation and carried by a number of kahars on their shoulders was the usual conveyance of Zamindars. Elephants were popular in rainy season, particularly in countryside. Tamtam and ekka used to be popular conveyance on the roads all over the district even till about the middle of the present century. The aristocrats in urban areas maintained phaetons and broughams drawn by elegant horses.

DEVELOPMENT OF COMMUNICATIONS

Roads.

In early 1920s the District Board maintained 157 miles of metalled and 455 miles of unmetalled roads, while 24 miles of metalled roads were under the charge of the Public Works Department. This shows a great improvement on the state of affairs prevailing in the second half of the nineteenth century when the total length of all the provincial and district roads was only 469 miles. In addition to these main roads, there were a number of village roads, with a length of 756 miles, maintained by the Local Boards*‡. The roads of the later nineteenth century included a first class road which ran from Patna to Gaya, but has since disappeared†.

The present roads may be classified as Public Works Department Roads, District Board Roads and Municipal Roads.

^{*}The narrow gauge line from Bakhtiarpur to Rajgir was converted into broad gauge in 1956.

Patna District Gazetteer, (1924), p. 130.

[†]This was taken for the Patna-Gaya railway and the track which now runs by the railway line is usually impassable for wheeled traffic. In order to travel by road to Gaya from Patna one has to go vi a Biharsharif and Rajgir or via Arwal and Jahanabad.

Public Works Department Roads.—The district is served by a network of Public Works Department roads. The National Highway nos. 30 and 31 pass through it. The National Highway no. 31 enters the district near Giriak and leaves it a little beyond Hathidah, midway on the Rajendra Pool on the Ganga and then goes to Barauni. The National Highway no. 30 which is one of the branches of National Highway no. 31, starts from Bakhtiarpur, about 30 miles east of Patna, and leaves the district at Pareo near Koilwar. The total length of National Highway no. 31 is 66 miles and that of no. 30 is 59 miles. These Highways link this district both with North and South Bihar. Besides, at present (1966) the State Public Works Department has 442 miles of metalled and 101 miles of unmetalled roads, of these the following may specifically be mentioned*:—

	Name of the roa	ad.			Total length (in miles).	Metalled (in miles).	Unmetalled (in miles).
1.	Bihar-Ekangarsarai	• •	••	••	23.2	23 .2	••
2.	Bihar-Rajgir	••	• •		13.4	13.4	• •
3.	Bihar-Daniawan via (Chandi	••	• •	23	23	• •
4.	Bilar-Barbigha (12 m	iles unde	r Patna dis	trict)	14	14	
5.	Bikram-Paliganj-Arw	al to Patr	a a district l	border	18	18	••
6.	Bihta-Naubatpur		••	• •	10	••	10
7.	Bihta-Lai	• •	••	••	7	7	• •
8.	Fatwa-Hilsa-Ekangar	sarai	• •	••	21	18	3
9.	Mokameh-Sarmera	• •	••		14	8	6
10.	Sadikpur-Fatehpur-Pa	bhera-M	asaurhi	• •	26	••	26
11.	Bankipur-Nadaul	••	••		21	6	15
12.	Raghopur-Patut	••	••	••	13.5	13.5	••
13.	Ekangarsarai-Islampu	r-Kewain	-Rajgir-Gi	riak	4 5	20	25
14.	Barh-Saksohra-Harna	ut	••		18.5	ı	17.5
15.	Saksohra-Asthawan Road near Jana).	(meets	Bihar-Be	rbigha	12	••	12
16.	Harnaut-Chandi		••	••	10	• •	10
17.	Biharsharif-Nijan	·· .	• •	••	10	• •	10
18.	Phulwarisharif-Janipu	r Raj Gh	at	••	. 5	••	5

^{*}Source-Public Works Department, Patna.

• •	• •	8	8	••
	• •	12	31	- •
•••	• •	9	9	••
••	••	81	••	81
• •	••	3	3	••
••	••	2.5	2.5	• •
		Total langth (in miles).	bellateM .(selim ni)	Ummetall ed (in miles).
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District Board Roads.—At present (1966) there are 1,245 miles roads maintained by the District Board (65 miles metalled, 290 miles unmetalled and 890 miles kutchu).

The following statement shows the road mileage and expenditure —: *26-4661 ot 66-2661 mort, brand the District Board, from 1962-63 to 1964-655.

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^{. *} Source District Board , Patna.

VEHICLES AND CONVEYANCES.

The mechanically propelled and power driven vehicles are replacing the indigenous vehicles, particularly on metalled roads. The well-groomed ponies and elephants are now rarely seen as they are uneconomic to maintain. But ack-bullocks and ponies and bullock-carts are still the chief means of transport for agricultural products in the interior as many villages have not even a jeepable road. The old ceremonial palki, mahafa and khatoli carried by men are still largely in vogue in the Bihar subdivision. The horse drawn old tamtams and carriages are one of the chief means of transport for the low income groups in urban areas of the district. Rickshaws have multiplied enormously, particularly in Patna. The conveyances on the roads and the traffic problem has become rather serious. The Patna Improvement Trust has recently been trying to give a few road a two-way traffic system but such roads are too few. The main road, known as Asok Raj Path from B. N. College onward to Patna City and the Lower Road (Nichali Sarak), now known as Bari Path, has no such two way movement facility. There are also quite a few bad corners and crossings which have no traffic islands to regulate the flow of traffic.

The following statement shows the number of conveyances non-mechanically propelled registered in the district during 1964-65*:—

	Bullock- carts.	Ekka and tamtam.	Rickshaw	, Cycle.	Theta.
1. District Board	3,350	800	100	Not available	Not available
2. Patna Municipal Corporation.	295	200	8,659	13,878	715
3. Barh Municipality	450	150	200	200	Not available
4. Biharsharif Municipality	650	150	530	1,800	••
 Danapur Nizamat Municipality. 	280	255	363	580	
6. Khagaul Municipality	175	320	400	690	
Danapur Cantonment Board.	150	210	340	580	••

Besides, there may be a large number of such vehicles that have not been registered. Cycles are most popular conveyance.

^{*}Source-Local Bodies.

The number of power-driven vehicles from 1955-56 to 1966-67 is given below*:—

Year.	•	Motor cycles and scooters.	Trucks.	Motor cabs.	Buses.	Cars and Jeeps.	Others.	Total.
1955-56		137	670	46	209	1,337	38	2,437
1956,57		157	711	50	196	1,353	66	2,433
1957-58		N.A.	N.A.	N.A.	N.A.	N.A.	. N.A.	N.A
1958-59		224	1,199	104	193	1,703	55	3,482
1959-60		299	1,404	106	247	1,857	95	4,008
1960-61		324	1,410	103	293	2,012	37	4,179
1961-62	••	509	966	101	343	2,377	36	4,322
1962-63		556	1,662	130	396	2,406	39	5,189
1963-64		1,120	1,588	147	291	3,137	101	6,38
1964-65		1,304	1,635	190	379	3,778	118	7,40
1965-66		1,266	1,321	178	213	3,258	86	6,32
1966-67		1,939	954	184	243	3,684	147	6,85

BIHAR STATE ROAD TRANSPORT CORPORATION.

Before 1953 the bus services were entirely private except that the Eastern Railway used to run a passenger bus service for the railway travelling public from Patna Junction to Digha Ghat Station.

On 26th January, 1953 a nationalised road passenger service under the State Government was started. This organisation was known as 'Bihar Rajya Transport' up to 30th April, 1959 when its name was changed to 'Bihar State Road Transport Corporation'. This organisation is entirely owned and managed by the State Government and is one of the earliest instances of nationalised services in Bihar. It serves public not only within this district, but also connects Patna district with Arrah, Nawadah, Ranchi, Gaya, Daltonganj, Jamshedpur, Dhanbad, Barauni, Muzaffarpur, Jayanagar (Darbhanga), Purnea, etc.

[•] Source -State Transport Commissioner, Patna.

The traffic flow within the town is maximum on Bankipur-Chowk, Bankipur-Danapur, Bankipur-Malsalami and Patna Junction-Danapur routes. The traffic flow of Patna-Danapur is also heavy and the buses ply at short intervals.

The passenger traffic on the Patna-Pali and Patna-Naubatpur routes on the west and the Patna-Nawadah route on the south-east is heavy.

RAILWAYS.

The main line of the Eastern Railway traverses the north of the district parallel to the Ganga from east to west, entering it at a short distance from Barhiya Station and leaving it west of Bihta, where a fine lattice-girder bridge is across the Son. This work was commenced for a single line of rails in 1855, and after many interruptions during the revolt of 1857, was completed in 1862; the second line was begun in 1868 and finished in 1870. The total length of the bridge from back to back of the abutments is 4,199 feet, divided among 28 spans of 150 feet each. Underneath each line of rail is a sub-way for foot-passengers and beasts of burden*. There are 21 railway stations on the main line of the Eastern Railway, viz., Rampur-Dumra, Hathidah, Mokameh Junction, Mor, Pundarak, Barh, Athmalgola, Bakhtiarpur Junction, Karauta, Khusropur, Hardasbigha, Fatwa Junction, Bankaghat, Patna City, Gulzarbagh, Patna Junction, Phulwarisharif, Danapur, Neora, Sadisopur and Bihta*†.

Formerly there was steamer service to and from Mokameh Ghat and Simariya Ghat on the river Ganga. But since the opening of the Rajendra pool (road-cum-railway bridge) in 1960, this service has been closed as there is now a direct rail link between Mokameh Junction and Barauni Junction.

There is a branch line of the Eastern Railway which runs north to south from Patna Junction to Gaya. There are six railway stations on this section, namely, Parsa Bazar, Punpun, Pothahi, Nadwan, Taregna and Nadaul.

Another branch line of the Eastern Railway which also runs from north to south from Bakhtiarpur to Rajgir, the entire section falls in this district. There are eight railway stations, viz., Harnaut, Wena, Rahui Road, Biharsharif, Pawapuri Road, Nalanda, Silao and Rajgir. This railway line is important for the tourists as it connects Nalanda and Rajgir, the two ancient sites.

^{*}Patna District Gazetteer, (1924), p. 131. †All India Railway Time Table, April 1965, pp. 151-152.

Formerly there was a light railway line running parallel to the Patna-Ranchi Road but that has been dismantled and replaced by the broad gauge line of the Eastern Railway.

There is also a branch railway line of the Eastern Railway from Patna Junction to Digha (8 kilometres).

The total length of the Eastern Railway in the Patna district is 232 kilometres (main line 137 kilometres, Bakhtiarpur-Rajgir 58 kilometres, Patna-Gaya 29 kilometres and Patna-Digha 8 kilometres).

Besides, there is a light railway line which runs north to south from Fatwa to Islampur over 44 kilometres. There are 12 railway stations on this line, viz., Machhriawan, Daniawan, Singriawan, Diawan, Lohanda Road, Hilsa, Juniar, Ram Bhawan, Ekangarsarai, Aungari, Khurampur and Islampur.

The North-Eastern Railway maintains a steamer service to and from Mahendru Ghat (Patna) and Paleza Ghat in Saran district. Patna is linked with North Bihar by this steamer service. Formerly there was a steamer service from Digha Ghat also, but due to the shifting of the river Ganga this ghat has now been closed.

The old railway station of Patna Junction was replaced by a large and attractive building in 1939. The platforms were very much broadened and more amenities were provided. In 1964, further improvements were made and the third class waiting halls and ticket counters were given an imposing building and connected with the main block. Retiring rooms have been added. A small garden has been laid in front of the railway building. With the pulling down of some very old and ugly buildings in the immediate vicinity of the railway premises by the Patna Improvement Frust one will no longer have a depressing environment immediately going out of the station. A separate goods shed has been constructed opposite Rajendra Nagar Colony, about a mile and a half away from the Junction Station. This relieves congestion at the station yard. In 1968 a separate platform has been added for the Gaya trains.

Danapur, the Divisional Headquarters of Eastern Railway is at a distance of about 7 miles from Patna Junction.

Details of the goods and passengers handled by Patna Junction are given in Appendix F at the end of this Chapter.

RAIL-ROAD COMPETITION.

In Patna district roads run almost parallel to railways. But so far there is no competition between them in respect of passenger traffic. Overcrowding is a normal feature both in trains and buses. The earnings of Patna Junction Railway Station have been showing a progressive rise, year after year.

However, it seems that the railways are affected by road competition a concerning goods traffic. The roadways have an edge over the railways.

in carriage of goods in as much as they offer advantages in respect of speedy transport, particularly for perishable goods and direct service from point to point whether from field or factory and without elaborate packing. Pilferage and damage of goods are negligible through road transport and unlike railways they settle claims much more quickly.

An important feature of outward goods traffic is that potato is exported, particularly from Biharsharif subdivision by roadways to coalfields in Jharia and Dhanbad and on return journey they bring coal, both for domestic as well as industrial purposes. Chillies, goats, hides and skins and bricks are also carried by roadways to various points in Chota Nagpur and also to West Bengal including Calcutta and the return load is usually mill-made clothes, foodgrains, oil-seeds, biri leaves, timber and small parcels. On account of difficulties of transhipment from the narrow gauge to broad gauge, comparative delay in movement and inability to lift goods from the local store-houses including cold storages, the railways find it difficult to compete with roadways.

Over the last one decade, public carriers have multiplied fast on the roads of this district. There are a number of regular road services between Patna and places such as Arrah, Varanasi, Kanpus Delhi, Ranchi, Jamshedpur, Calcutta and Assam via Purnea.

WATER COMMUNICATION.

Early in the present century, the Ganga used to be the chief waterway of the district, but owing to the diversion of its upper waters for irrigation purposes, it could only be navigated above Dight by small steamers of light draught. The Indian Navigation and Railway Company jointly with the Rivers Steam Navigation Company, maintained regular steamer services along it. Large sterns wheel steamers plied between Goalundo and Digha, which contained the local head office of the Company. Passengers and goods were transhipped at Digha, whence smaller steamers plied to Buxar on the Ganga and Barhaj on the Gogra. Steamer stations in Patna district were at Hardi Chapra, Marufganj, Fatwa, Baikatpur, Barh and Mokameh. Due to maximum diversion of waters in its upper reaches, the Ganga becomes to shallow in the transported weather for heavy tugs and steamers. The rail and roadways have also largely snatched its trade.

Navigation on the Son was intermittent and of ittle commercial importance. In the dry season the small depth of water prevented boats of more than twenty manufacture burden proceeding up stream. The other rivers were, as now, not have gable.

They were almost dry throughout the hot and cold weather; in the rains they fill quickly, but rapidly subside. When they were in flood, they soon became unfordable, and, as a rule, no boats were obtainable, except at the ferries, which were few and far between. The Patna-Gaya canal, which traversed the Danapur and Patna subdivisions was navigable and a large number of bamboos were brought down by it to Digha. There was a bi-weekly steamer service on it between Khagaul and Mahabalipur in the south of the headquarter subdivision*, which has since stopped.

The riverine traffic of passengers and goods has always been a remarkable feature of Patna. From time immemorial Patna ghats used to transact heavy business. From the seventeenth century onwards the Europeans started their factories in Patna. The river Ganga was the main artery through which both the raw materials and the manufactured goods used to be sent out, mainly to Calcutta port till the railways were opened after the Great Revolt of 1857. At one time Messrs. Kerr Turruck Company also used to run their passenger and cargo boats on the Ganga from Allahabad to Calcutta and Patna was an important station for this service. This was acquired by the Indian General Steam Navigation and British Indian Steam Navigation concern who continued till 1857. The turnover of livestock traffic by this steamer service was considerable.

The Central Government established the Ganga-Brahmaputra Water Board Office at Patna in 1958. It was running a tug service for goods from Patna to Buxar, Patna to Chapra and Patna to Rajmahal. It has closed its services in Patna district since 1962. The North-Eastern Railway, with serves North Bihar, had two ghats, namely, Digha Ghat† and Mahandru in Patna from which their steamers used to ply to Paleza. That on the other side of the Ganga and from there regular trains, used to run via Sonepur.

At present (1964) the North-Eastern Railways run steamer services between Paleza and Mahendru. Besides a private steamer also plies to and from Bansghat (Patna) and Paleza Ghat. The volume of inward and outward traffic of both passenger and goods handled at Mahendru. Ghat is given in the Appendix II.

Early in the present century, besides Patna and Bankipur, the principal ferries on the Ganga were at Hardi Chapra, Sherpur and Daudpur in Danapur subdivision. Resides, ferries were at Bakhtiarpur, Barh, Athmalgola and Mokameh in the Barh subdivision. There were first class forms managed by the District Board of Patna. The ghate

^{*}District Gazetteer of Patna (1924), pp. 1321-132.
†Digha Ghat is closed now due to stilling of the river bed,

in Bankipur and Patna were at Digha, Mahendru, Ranighat, Pathrighat, Adrak, Marufganj, Damriahi and Jethauli*. 'At present (1968) eight ferries are maintained by the District Board, namely, Mohre-Jhanki, Gaurichak, Chamtha-Nawada, Bakhtiarpur, Rampur Patila, Fatwa-Maksudpur, Ram Nagar-Athamal and Marchi-Alhipur.

Important ferry ghats in the district including those in Patna proper as shown in Appendix III are under the control of the Collector of Patna, who auctions them.

IMPORTANT BRIDGES

The most important bridge in the distict is Rajendra Pool, on the river Ganga at Hathidah (Mokameh) connecting this district with Barauni in North Bihar. This has given a great impetus to trade linking North Bihar directly to Calcutta markets. It has also facilitated movement to and from Patna to all over North Bihar and also Assam. As noticed above part of the bridge on the river Son fall in this district and provides a road link with western Bihar and Uttar Pradesh.

AIRWAYS AND AERODROMES.

There are three landing grounds in the district, namely, at Patna, Bihta and Biharsharif. Those at Patna and Biharsharif are mainly for civil aircrafts. The Patna aerodrome is mainly used by the Indian Airlines Corporation, Royal Pepal Airlines, Bihar Flying Club, Ltd. and the aircrafts of Bihar Government. The aircrafts of Tata Iron and Steel Co. and Indian Air Force, etc., also occasionally land here.

Two important routes operating via Patna are Calcutta-Patna-Kathmandu and Calcutta-Patna-Varanasi-Allahabad-Lucknow and Delhi. Thus passengers from Patna have been provided with quicker means of transportation to the major cities of the Gangetic Plain and also to Kathmandu (Nepal). On average a total of 3,000 passengers, 20,000 lbs. of postal mail and 60,000 lbs. of cargo are handled at Patna airport per month.

Royal Nepal Airways with their headquarters at Kathmandu regularly fly their services from Kathmandu to Patna and back. The Airways operating from and through Patna take a large number of foreign tourists to Kathmandu throughout the year.

The aerodrome at Biharsharif is a small landing ground. It is serviceable only in fair weather and is used occasionally for small aircrafts of State Government.

^{*}Patna District Gazetteer (1924), p. 182. †Source—Qffice of the Indian Airlines Gorporation, Patna.

DAK BUNGALOWS, INSPECTION BUNGALOWS AND REST HOUSES.

The State Government maintains State Guest House, Circuit House, Kosi Rest House and Officers' Hostel. The District Board maintains dak bungalows and inspection bungalows. The Patna Railway Station has a few retiring rooms. The Bankipur Club has a few rooms for people recommended by the members of the club. There are a number of hotels of different standard. There are also quite a few boarding establishments. The Mahendru Ghat Railway Station has also some retiring rooms. There are also a few dharmashalas, large and small scattered in all parts of the city. Birla Dharmashala at Sabzibagh is the largest of them. Harmandir provides accommodation for the Sikh pilgrims for a few days. There are small sarais which provide free accommodation to Muslims for short periods.

The statement below gives the list of dak bungalows, rest houses in the district*:—

State Government Bungalows.

Location.

1. State Guest House	••	Near Government House, Patna.
2. Circuit House		Gardiner Road, Patna.
3. Officers' Hostel	••	Gardiner Road, Patna.

District Board Bungalins.

		Nearest Railway Station and distance from it.
• •	• •	Harnaut—0 mile.
	••	Bihta—18 miles.
••	• •	Bihta—0 mile.
• •	••	Hilsa-0 mile.
••	••	Mokameh—12 miles.
• •	••	Bihta—9 miles.
••	••	Bihta—6 miles.
••		Taregna—0 mile.
		Ekangarsarai—0 mile.
••	••	Islampur—0 mile.
	•••••••••••••••••••••••••••••••••••••••	

^{*}Source-District Census Handbook, Patna (1961), pp. 175-179.

Nearest Railway Station and distance from it.

11. Chandi Inspection Bungalow	• •	Daniawan—9 miles.
12. Bakhtiarpur Inspection Bungalow	• •	Bakhtiarpur—0 mile.
13. Barh Inspection Bungalow	• •	Barh—0 mile.
14. Giriak Inspection Bungalow		Pawapuri-4 miles.
15, Punpun Inspection Bungalow		Punpun-0 mile.
16. Biharsharif Inspection Bungalow	• •	Bihar—2 miles,
17. Rajgir Old Inspection Bungalow	• •	Rajgir—0 mile.
18. Rajgir New Inspection Bungalow	• •	Rajgir—0 mile.
19. Rajgir Rest House		Rajgir—5 miles.
20. Parwalpur Inspection Bungalow	• •	Ekangarsarai—8 miles.
21. Asthawan Inspection Bungalow		Bihar—8 miles.
22. Maner Inspection Bungalow	• •	Bihta—6 miles.
23. Mokameh Inspection Bungalow	• •	Mokameh—0 mile.
24. Dharahra Inspection Bungalow		Bihta—18 miles.
25. Lalganj Sehra Inspection Bungalow	••	Bihta—22 miles.
26. Fatwa Inspection Bungalow		Fatwa—0 mile.
27. Bankipur Inspection Bungalow	• •	Patna Jn.—0 mile.
28. Khagaul Inspection Bungalow	• •	Danapur—0 mile.
29. Barh Inspection Bungalow	• •	Barh-0 mile.
30. Biharsharif Inspection Bungalow		Biharsharif—2 miles.
31. Mokameh Inspection Bungalow	••	Mokameh-0 mile.

Irrigation Department Inspection Bungalows.

1. Biharsharif Inspection Bungalow	• •	Bibar—2 miles.
2. Bakhtiarpur Rest Shed	••	Bakhtiarpur—0 mile.
3. Ekangarsarai Rest Shed	••	Ekangarsarai—0 mile
4. Bihta Inspection Bungalow	• •	Bihta-0 mile.
5. Khagaul Inspection Bungalow	••	Danapur-0 mile.
6. Mohabalipur Inspection Bungalow	••	. Bihta—24 miles.
7. Naubatpur Inspection Bungalow	••	Danapur—8 miles.
8. Bikram Inspection Bungslow		Bihta—9 miles.

Nearest Railway Station and distance from it.

.. Nalanda-2 miles,

9. Jalpura Inspection Bungalow	••		Bihta—18 miles						
10. Sedura Inspection Bungalow	• •	••	Bihta—24 miles.						
P. W. D. Inspection Bungalows.									
I. Bihta Inspection Bungalow		Bihta-0 mile.							
2. Rajgir Rest House, Circuit House as	••	Rajgir—0 mile.							
3. Nalanda Inspection Bungalow	••	• •	Nalanda—2 miles.						
Forest Department.									
1. Rajgir Rest House	••	••	Rajgir—5 miles.						
Kosi Pro	oject Departm	ent.							
1. Kosi Rest House	••		Patna Jn.—2 miles.						
State Government Youth Hostel.									
1. Rajgir	••	••	Rajgir-0 mile.						

2. Nalanda

The Department of Tourism has a proposal to construct a Tourist Reception Centre near Patna Junction at a cost of Rs. 4 lakhs for the benefit of tourists, specially foreign tourists. A modern cafeteria will also be attached to this centre. A seventy-bedded rest house at Rajgir has already been constructed by them at an estimated cost of Rs. 3 lakhs.

RECOGNISED TRAVEL AGENTS.

The Department of Tourism takes the tourists by departmental bus to Rajgir, Nalanda, Pawapuri, Bodh Gaya, Varanasi, etc., on moderate charges.

There is a branch office of Tiwari Tirtha Yatra Company, located at Patna which take pilgrims to religious places all over India by trains on a time scheduled.

Besides, there is an office of Bihar State Haj Committee at Patna to look into matters regarding passport, visa, etc., of the Muslim pilgrims going to Mecca.

There is a branch office of International Travel Agents (air and sea) of Calcutta at Patna which helps the travellers intending to go abroad by air and sea.

POSTAL COMMUNICATION.

The Superintendent of Post Offices with headquarters at Patna is the head of the Patna Postal Division. He is assisted by four inspectors, three having their headquarters at Patna and one is at Biharsharif. Besides, there is one Complaint Inspector with headquarters at Patna. The total length of the postal communication in 1965 (June) was 3,109 kilometres in the district, distributed as follows: by railways 119 kilometres; by motor buses 252 kilometres; by cycle runners 259 kilometres; and by foot runners 2,125 kilometres.

There are two Head Post Offices, 90 Departmental Sub-Post Offices, eight Extra Departmental Sub-Post Offices, one Departmental Branch Post Office, and 396 Extra Departmental Branch Sub-Post Offices in the district. The Branch Post Offices are located in villages. Some of the Branch Post Offices are located at headquarters of police-stations and block offices.

In all post offices ordinary postal work including money orders is transacted. All the Sub-Post Offices conduct savings bank business. National Savings Certificates are sold in all except Extra Departmental Sub-Offices.

The details of business transaction in post offices are given in Appendix IV of this Chapter.

TELEGRAPHS AND TELEPHONES.

There are 72 Postal Telegraph Offices in this district which despatch and receive telegrams. They are: Bankipur, Chaughara, Anishabad, Cheraiyatar, Begampur, B. G. Compound, B. V. College, Digha, Dighaghat, Gulzarbagh, Kadamkuan, Mahendru, Patna City, Patna University, Sadaquat Ashram, Gurhatta, Himalaya Press, Indian Nation, Kurjee Holi Hospital, Machharhatta, Madavjee Mills, Mahabir Asthan, Marufganj, Mithapur, Nanmuhia, Navrashtra Press, Patna Aerodrome, Patna Bus Stand, Patna Civil Court, Patna Collectorate, Patna High Court, Patna Medical College, Patna Secretariat, Rajendranagar, Searchlight Press, Atasarai, Bakhtiarpur, Bihta, Bikram, Daudpur, Danapur, Danapur Cantt., Danapur Bazar, Ekangarsarai, Fatwa, Harnaut, Hilsa, Khagaul, Khusrupur, Maner, Masaurhi, Naubatpur, Paliganj, Phulwarisharif, Punpun, Asthama, Athmalgola, Barh, Barh R. S., Bihar Cutchery, Biharsharif, Chandi, Hathidah, Mokameh, Mokameh Ghat, Nalanda R. S., Noorsarai, Parbalpur, Silao, Sohsarai, Giriak, Rajgir and Mogal Kuan.

There are 15 Telephone Exchanges in the district. There is now a direct telephone line connecting Patna to Delhi. The following statement gives details of different exchanges functioning in the district:—

Name of telepho	пе ежсћа	nge.	Type.			Capacity.	Working connection.
Patna proper	• •	••	Automatic Exc	bange	5,000	4,736	
Patna City		••	Ditto	••	• •	1,200	701
Danapur			Battery Manual	System		240	190
Barh	••	••	Ditto			100	55
Biharsharif	••		Ditto	•	••	200	110
Bakhtiarpur	••	٠	Small Automati	c Excha	nge	25	15
Bihta	••	••	Ditto		• •	25	19
Fatwa		••	Central Battery	Manual 8	System	50	29
Hathidah	••		Ditto	••	••	25	9
Khusrupur	••		Small Automatic	e Exchar	nge	10	7
Masaurhi	• •	••	Ditto	••		25	9
Mokameh	••	••	Ditto	••		100	71
Nalanda			Ditto		••	10	5
Rajgir	••		Ditto	••	••	25	22
Noorsarai	••	••	Ditto	••	••	10	3 /

RADIO AND WIRELESS.

There is a broadcasting station of All India Radio at Patna: In 1967 there were 12,110 licensed radios and transistors in the district.

The Police have five wireless stations, one each at Patna, Barh, Bakhtiarpur, Fatwa and Danapur. They are meant for administrative purposes only.

ORGANISATION OF TRANSPORT OWNERS AND EMPLOYEES.

There is no organisation of transport owners in this district.

The following organisations of employees in the field of transport and communication claim to look after their interest.

Name.	Registered no.	Date of registration.	 Affiliation with.
1. Patna Electric Supply Workers' Up	ion 15	16th December, 1939	U.T.U.C.

Sovecu Labour Department, Patna.

Name.	Registered	Date of registration.	Affiliation with.
2. The Bihar Provincial P. W. D. Workers' Union.	76	10th February, 1946.	U.T.U.C.
3. Masaurhi Palledar-Gariwan Union	525	••	
4. Bihar Rajya Transport Karmachari	642	31st October, 1953.	
Union. 5. Bihar Rajya Jal Mazdoor Sangh	567	28th October, 1952.	
6. Patna District Tamtam Mazdoor Union	677	8th June, 1954	A.I.T.U.C.
7. Rickshaw Mazdoor Union	707	14th January, 1965.	
8. Rastriya Purbottar Railway Coolie	774	2nd May, 1955.	
Congress Union. 9. Patna Auto Rickshaw Drivers' Union	974	14th September, 1960.	

The political affiliation of many of these organisations is elsewhere. Their membership is also not known. There is not much evidence of activity on their part.

-: *1-36! of 036! most med most againtee has noisest gawliss moistoned stated by Patral passessed braws to redmin shows the alone and a second section of the statement of the statemen

*	961	.8.	961	'78	96I	.11.	961	.0	96T			
Karni ng s	.bawanO	Earnings.	Outward.	-egnings.	.БтаwапО	Earnings.	Outward.	Barnings.	Outward.	-		M onths.
щЯ	•	Ee.		Ba.			<u></u> .	<u>.</u>		p b_	• 	
L98'87'8	787,12,4	7 ,32,8 75	3,75,654	672,85,T	4,01,246	099'8£'9	<i>TT</i> 8, E2, E	708,4£,8	102,81,6			•
878,87g	876'80'8	978'78'9	5'82'₹23	267, 1 6,3	267'79'7	6,33,243	718,81,2					granus
776 '97' 6	806'66'8	77 9'L 1' 8	892,82,6	996'3£'L	707,68,8	L78'69'9	178'81'8	229'89'9.	998'98'3			eptuary
8°01°00¢	733,19,£	197'99'4	3,67,170	371,71,7	3,45,208	6,52,210	367,69,6	177,00,8	204,06,2			дэлеј
2 77 '67'01	₹' 28' 531	10,09,560		278,85,8	076'89'8	979'70'8	706,88,8	086'93'9	867,22,8			· · ling
12,21,618	₱98 ' Ł8'₱	023,87,11	3'88'342	917'11'6	186,87,8	007,85,7		086'66'4	694'87'6			·· Vel
989'80'tI	668'17'9	168'26'6	₹16,86,8	869,86,6	3,74,000	629,71,8	129,84.¢	899 30 8	£88,88,£			·· eun
8°18°229	₹,51,057	7,77,685	008,08,6	₹₹8°29°L	6₹ 0′88′7	781,18,8	3,48,753	899'90'9	624'41'6			հլո
8 '44' 256	9,93,040	872,03, <i>r</i>	₽91'0 7 'E	7.64,437	293,562	611'88'9	133,81,8 783 92 9	088,76,8	110,78,2			- 4sn2n
10 °13°40	£ £ 9,83,8	082,77,8	3,88,958	132,22,	3,60,403	128'26'8	768,68,6 110,86,6	₹68,78,8	878'84'3			eptember .
80'09'6	3,45,157	778,13,8	878,62,6	0 99'₹9' L	3°32°048	170,78,8	8,11,79,2	₹08,78,8 409 gl. 8	281'61'E			Tedoto
220,72,01	tet'92'9	863,63,6	₹'38'328	601'6 <i>L</i> 'L	2,81,125	7,38,354	2,80,965	967'87'9	726,81, 8 281,88,2		•	overnber

APPENDIX I-contd.

bevieces offiart regressag brawni edt to redmma edt swods tmemetats gniwolfol edT —: noitste vawlier noitonut antaT ta

Months.			. 0961	1961	.2961	18981	* † 961
Lienue	••	••	108 '96' 1	2,24,100	1,85,056	94 7 '66'I	710,11,2
Pebruary	••	••	787,28,I	2,02,045	2,01,345	498 '96 'I	£0 7' 46'I
цетор	••	••	262'92'3	787,81,2	2,05,103	186,82,2	2,34,508
fi1q4	••	• •	030,18,2	397, 68, <u>2</u>	396,08,2	2,23,730	173,88,5
May.	••	• •	2'31'108	2,24,700	2,50,769	840,874,2	2,63,183
eunj	••	••	2,39,183	2,13,357	101,08,2	2,61,183	8,72,048
L inj	••	••	1'92'926	\$12,72, <u>\$</u>	301,10,8	2,50,816	3,01,041
gen3ny	••	••	948'80'3	5 '24'401	2,90,470	2,61,183	2,72,043
red met qe		• •	2,25,361	1,81,943	2,18,320	2,55,960	2,88,603
otoper	••	••	2,31,178	2,04,820	2,10,420	3,17,235	29700'€
точешрег	••	• •	2,10,885	780,82,2	2,02,410	₽89,7 6, €	3,25,599
тебше эе С	• •	••	2,22,396	1,50,586	121,02,2	069,88,2	3,72,476

APPENDIX I -concld.

The following statement shows the volume and value of both outward and inward traffic in goods at Patna Junction Railway Station:—

		1963.					196	4.			196	5 . .	
	-	Out	ward.	Inwa	rd.	Outward. Inward.			Outv	vard.	Inward.		
Months.		Weight (in laintals).	Earnings (in Rs.).	Weight (in quintals).	Earnings (in Rs.).		Earnings . (in Rs.).	Weight (in quintals).	Earnings (in Rs.).	Weight (in quintals)	Earnings . (in Rs.)	Weight (in quintals)	Earnings . (in Rs.)
January		N.A.•	N.A.	N.A.	N.A.	18,476	32,185	2,46,378	4,16,324	11,197	48,635	2,39,231	5,35,006
F ebruary		N.A.	N.A.	N.A.	N.A.	11,058	22,948	1,75,851	3,34,902	9,862	30,212	2,34,760	5,98,882
March		N.A.	N.A.	N.A.	N.A.	14,229	21,099	1,47,486	3,45,810	11,352	38,496	2,61,211	6,35,506
A pril		15,541	21,686	1,45,844	4,47,733	13,262	23,320	2,76,105	4,39,506	••	••	••	• •
 М ау		13,631	20,259	1,61,299	2,49,336	10,260	13,715	1,43,627	3,45,011	• •	••		
June		14,526	29,638	1,37,658	3,60,923	15,160	29,768	1,86,601	3,65,648	• •	••	••	•
July	••	18,005	39,688	1,55,668	3,97,884	15,040	37,290	1,86,811	4,42,946	• •	• •	• •	•
August		14,127	33,698	1,48,721	3,64,996	14,594	36,189	1,78,100	4,22,753	• •	• •	• -	•
September		16,812	27,192	1,26,531	3,77,685	14,231	48,717	2,41,251	5,67,515			• •	
October		14,952	32,375	1,31,131	3,65,478	9,984	45,543	1,54,144	4,90,375		• •	••	
November		10,736	28,547	1,13,970	3,22,595	13,004	53,989	1,91,754	4,49,099	• •		••	•
December	•	15,355		1,49,296	4,43,577	15,939	51,538	1,44,832	4,41,615			••	• •

N.A.—Not available.

APPENDIX II.

The following statement shows the inward and outward traffic in passengers at Mahendru Ghat Steamer Station and earnings from them from 1960 to 1964*:—

				1960.	1961.				
Months.		_	Outward.	Earnings (in Rs.).	Inward.	Outward.	Earnings (in Rs.)	Inward	
					0.000	TO 000	1 61 000	71,311	
fanuary	• •	••	71,399	1,69,482	60,620	72, 000	1,61,828		
February	••	• •	77,303	1,85,179	80,802	74,901	1,61,468	55,620	
March			90,138	2,01,837	97,421	83,500	1,88,494	91,017	
April			97,442	2,23,496	74,4 70	91,018	1,92,518	89,483	
iay	••		1,05,430	2,44,324	85,923	97,636	2,08,623	72,490	
June	• •		83,362	1,90,543	71,399	1,13,489	2,38,780	72,000	
July	• •		86,818	1,79,936	91,200	99,600	2,01,530	89,483	
August	• •		74,470	1,71,720	97,442	89,483	1,78,773	91,018	
September	••		91,200	1,89,711	71,399	84,112	1,75,664	92,000	
October			95,776	1,95,643	86,818	1,05,930	2,56,638	99,600	
November			85,860	1,95,967	N.A.	1,15,167	2,14,222	N.A.	
December			85,923	1,96,081	85,860	72,490	1,60,654	1,15,167	

^{*}Source._Office of the Station Master, Mahendru Ghat.

APPENDIX II_contd.

				1962.			1963.			1964.	
Months.			Outward.	Earnings (in Rs.).	Inward.	Outward.	Earnings (in Rs.).	Inward.	Outward.	Earnings (in Rs.).	Inward.
			1,08 992	22,521	55,510	61,431	1,62,011	75,310	64,786	1,74,052	69,10
Ja nuary	••	• •	59,000	1,29,100	74,901	65,579	1,29,100	76,973	86,737	1,94,390	76,33
Webruary Week	• •	••	94,541	2,11,390	94,541	76,973	2,10,776	64,786	76,33 0	1,98,858	\$9,00
March	• •	••	96,044	2,05,055	92,910	79,373	2,10,711	80,574	84,020	2,15,290	91,11
April May	••	••	1,09,069	2,09,083	93,251	90,759	2,46,797	73,722	1,01,355	2,56,159	1,23,81
	••	••	1,02,892	2,28,655	94,541	81,294	2,28,956	76,973	1,01,891	2,31,052	76,33
- T	••	••	92,510	2,13,458	1,02,892	80,574	1,97,116	81,294	91,115	2,29,127	1,01,89
July August	• •	••	74,770	1,73,432	96,044	71,660	1,71,731	79,873	78,701	1,98,653	84,02
September	••	• • • • • • • • • • • • • • • • • • • •	72,292	1,84,139	1,08,992	69,742	1,84,139	61,431	77,307	2,09,518	4,78
October	••		92,886	2,23,157	92,570	88,076	2,24,211	80,574	98,361	2,51,348	91,11
November			93,251	1,94,362	N.A.	73,722	1,83,550	72,292	1,23,813	2,53,905	69,74
December December	••	••	67,268	1,67,542	93,251	76,674	1,76,597	73,722	77,980	2,00,536	1,23,81

The following statement shows the source of the following statement states of the following statement states of the following statement statement shows the following special statement st

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1,020	837	07 6	777	189'81	744°9	13 7' 01	6 99' F	••	••	doreh
1,131	184	1,563	199	21,855	481 ° 4	966 ' 8I	100'L	••	••	lįrq <i>l</i>
2 89'I	60 L	£2 ₹ 52	686	618'77	₹08′8	28,483	791'∩[••	••	. VsM
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J *º44	615	307,1	18 9	18,222	401'9	9 79'₹1	2,254	••	••	4su ₈ uA
712,1	238	629	7 82	26,863	09 L'L	606"IZ	789°L	••	• •	September
\$°()\$	069	2,363	089	22,785	£67 ' 9	709'0 8	11700		••	October
946°T	223	692°I	077	312,81	8 87 '9	16,135	8 7 6 ′ 7	••	••	До лешр е г
190.I	767	181	230	049 '9 [4 ,685	18'812	909*	••	••	De cember

COMMUNICATIONS

APPENDIX III.

Serial no.	Name of important ferry	gha ts* .	No. of boats.	Nature of traffic.
1	Digha Ghat to Paleza Ghat	•	. 30	Passengers, foodgrains and other commodities.
2	Digha to Sabbalpur-Mahendru		20	Ditto.
3	Digha to Ranighat	• •	. 20	Ditto.
4	Digha to Sonepur	••	25	Ditto.
5	Digha to Konhara		15	Ditto.
6	Digha to Barabanki		. 20	Ditto.
7	Digha to Litiahi		. 20	Ditto.
8	Mahendru to Paleza	-	. 40	Ditto.
9	Mahendru to Sabbalpur	-	. 30	Ditto.
10	Mahendru to Sabbalpur-Ranighe	at .	. 30	Ditto.
11	Mahendru to Sonepur		40	Ditto.
12	Mahendru to Konhara		. 25	Ditto.
13	Mahendru to Barabanki		. 20	Ditto.
14	Mahendru to Litiahi		. 15	Ditto.
15	Ranighat to Paleza		. 35	Ditto.
16	Ranighat to Sabbalpur-Mahendi	ru.	. 20	Ditto.
17	Ranighat to Paleza-Sabbalpur		. 20	Ditto.
18	Ranighat to Sonepur		. 25	Ditto.
19	Ranighat to Konhara		. 20	Ditto.
_ 20	Ranighat to Barabanki		. 15	Ditto.
21	Ranighat to Litiahi		. 18	Ditto.
22	Khajekalan to Paleza		. 40	Ditto.
23	Khajekalan to Sabbalpur-Mahen	dru .	. 20	Ditto.
24	Khajekalan to Sabbalpur-Ranig	hat .	. 20	Ditto.
25	Khajekalan to Sonepur		. 20	Ditto.

[•]Source—Patna Collectorate, Patha.

PATNA
APPENDIX III—contd.

Serial no.	Name of the important ferry glo	ıts.	No. of boats.	Nature of traffic.
26	Khajekalan to Barabanki		15	Passengers, foodgrains and other commodities.
27	Khajekalan to Konhara	••	15	Ditto.
28	Khajekalan to Litiahi		20	Ditto.
29	Marufganj to Paleza		45	Ditto.
80	Marufganj to Sabbalpur-Mahendru		25	Ditto.
31	Marufganj to Sabbalpur-Ranighat		2 5	Ditto.
32	Marufganj to Sonepur		30	Ditto.
33	Marufganj to Konhara	••	20	Ditto.
34	Marufganj to Barabanki		15	Ditto.
35	Marufganj to Litiahi	••	16	Ditto.
36	Damriyahi to Palezaghat		20	Ditto.
37	Damriyahi to Sabbalpur-Mahendru	ı	25	Ditto.
38	Damriyahi to Sabbalpur-Ranighat		30	Ditto.
39	Damriyahi to Sonepur		3 0	Ditto.
40	Damriyahi to Konhara		20	Ditto.
41	Damriyahi to Barabanki		15	Ditto.
42	Damriyahi to Litiahi		20	Ditto.
43	Jethuli to Paleza	4 *	30	Ditto.
44	Jethuli to Sabbalpur-Mahendru		30	Ditto.
45	Jethuli to Sabbalpur-Ranighat		20	Ditto.
46			20	Ditto.
47			20	Ditto.
48			14	Ditto.
49			20	Ditto.
50			80	Ditto.

COMMUNICATIONS

APPENDIX III-concld.

Serial no.	Name of t	Name of the important ferry ghats.		gha t s.	No. of boats.	Nature of traffic.
51	Umanathghat	••			15	Passengers, foodgrains and other commodities.
52	Gauri Shankarg	hat			15	Ditto.
53	Dhobaghat		••		20	Ditto.
54	Maganpalghat		••		20	Ditto.
55	Shegorighat				15	Ditto.

APPENDIX IV.

187,28 861,80,1 blog medmuN	
— TobatO Istso T as	iba I .3
Value Rs. 2,20,320 Rs. 3,80,720	
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al and Telegraph Service Rs. 18,22,522 Rs. 15,91,598	3. Post
ign Rs. 9,07,500 Rs. 10,14,028	2. Fore
bd	ıslaI . I
1963-64. 1964-65.	
Mowing statistics show the Postal business done during 1963-64 and 1964-65.	oì edT

mile