CHAPTER VII

COMMUNICATIONS

OLD TIME TRADE ROUTES In old days, the present district of Boudh-Khondmals was an isolated and inaccessible region. The high hills and the dense forests of the area stood as a great barrier to communication. In those days, except a route proceeding to Ganjam through the Kalinga Ghat, and another to Cuttack through the valley of the Mahanadi below Boudh*, the country had only narrow hilly tracts. These routes were cleared during summer season, but were closed in the rains. One had to travel on foot to reach this region through thick forests and hilly tracts full of wild animals. Of course, the river Mahanadi which passes through the subdivision of Boudh is navigable for most part of the year. Till recent years, this waterway served as an important means of communication from both Cuttack and Sambalpur sides to this subdivision.

During the first decade of the present century when the Khondmals subdivision was a part of the district of Angul, the principal roads of this area were the road from Russellkonda (present Bhanjanagar in the Ganjam district) to Phulabani and the road from Angul (now in the Dhenkanal district) to the latter place via Tikarparha and Harbhanga. The distance between Angul and Phulabani, the headquarters of the subdivision of Khondmals, was not less than 87 miles (140.7 km.), the road passing through wild hilly country and across the unbridged Mahanadi so that it was most difficult to keep communication during the rains. These roads were unmetalled and were maintained by the Public Works Department. A fund known as the Khondmals Road Fund was created for the construction and maintenance of less important roads. This fund consisted of the amount realised from the plough cess levied in the Khondmals area to which the Government added an equal sum. Out of this fund, altogather 144 miles (231.84 km.) of village roads were maintained.**

Towards the middle of the third decade, the subdivision had 137 miles (220.57 km.) of motorable roads and 111 miles (178.71 km.) of roads suitable for carts. In addition, there was an all-weather road communication with the Ganjam district and the rail-head. The main artery of traffic in the subdivision was the inter-district road connecting Ganjam with Boudh ex-State and so with Angul subdivision and other ex-states and districts. Its length within the subdivision was 35 miles (56.35 km.). The other chief roads were those from Phulabani to Khajuriparha (15 miles or 24.15 km.), Phulabani to Nuapadar via Phiringia (30 miles or 48.30 km.)

^{*} Paramananda Acharya—Studies in Orissa History, Archaeology and Archives

^{**} L. S. S. O' Malley-Angul District Gazetteer (1908)

and from Phulabani to Gochhaparha (21 miles or 33.81 km.). These roads were motorable but not metalled. Inspection and staying bungalows were maintained at different road-side places of the subdivision.

During the early part of this century, the road system of the subdivision of Boudh, then a princely administered State, was not developed. Cobden Ramsay has given a picture of this in his Gazetteer in the following lines.

"The main road from Cuttack to Sambalpur along the southern bank of the Mahanadi traverses the entire length of the State: trade follows this route from December onwards till the break of the rains. This road is maintained by the British Government and there are rest-houses at convenient distances throughout its length. There are no other roads in the State which is very defective in its communication with the interior." The Mahanadi and the Tel rivers were offering excellent facilities for water carriage. In the Mahanadi considerable quantities of grain, bamboos and sleepers were carried to Cuttack in rainy season. Towards the middle of the forties the ex-State had a total length of 160 miles (256 km.) of roads which was attended to and improved by the Darbar administration.

Like the above two subdivisions, Baligurha had also a poor road system. During the second decade of this century, when this subdivision was a part of the Ganjam district, there existed only a few roads here, some of which were not even fit to be used by carts. From the top of the Kalinga Ghat, besides a road to Boudh frontier, there was a road to Baligurha and an alternative road to the same place via Sarangoi and Karteli. Baligurha was connected by roads with "Baracama (Barakhama) and Tumeribund (Tumudibandha)". Another road from Baligurha proceeded towards Guma. It was known as the Grand Military Road. The road was only a tract smooth and clear of jungle with a good ditch on either side, slopes into and out of difficult water courses and rivers, and where possible, wooden bridges. The Ghat roads in this area were passable by loaded elephants and horses, and men. There were mud bungalows at most of the usual halting places for the convenience of the officers travelling.

The district of Boudh-Khondmals is still backward in its communication system. No railway line or National Highway passes through the district. In 1961 the district had only 495 miles (796.95 km.) of road which gave a coverage of 12 miles (19.32 km.) of road for every 100 sq. miles (259 sq. km.), being the lowest road-coverage of all the districts of the State. ⁵ Phulabani, the district headquarters, is connected with all subdivisional headquarters by all-weather roads. The shortest all-weather routes

Road Tran**sp**ort

¹ Final Report on the Survey and Settlement Operations in the Khondmals Subdivision (District Angul) 1921—25.

^{&#}x27; The Ganjam District Manual (1918)

⁸ Ibid

⁴ Ibid

⁵ District Census Hand Book of Boudh-Khondmals, 1961

from the State Capital, Bhubaneshwar, pass through this district to the Balangir and Kalahandi districts of western Orissa. Besides, the district has road communication with Ganjam and Koraput districts, all the year round.

Roads maintained by the Public Works (Roads and Buildings)

As per the figures available for the year 1978, the Public Works (Roads and Buildings) Department maintains 859·19 km. of roads in the district of which 625·06 km. are all-weather motorable and the rest 234·13 km. are fair-weather unmotorable roads. Out of the total mileage, 487·15 km. are black topped, 171·91 km. metalled, 12 km. gravelled and 188·13 km. earthen. In the following statement is given different categories of roads maintained by the above Department with their condition and length.

Category of roads	Black- topped	Meta- lled	Grave- lled	Earthen	Total
	(km.)	(km.)	(km.)	(km.)	(km.)
State Highways	 304.28	22.18	••		326.46
Major District Roads	 168.80	104-18	11.00	33.20	317.18
Other District Roads	 14.07	5.63	• •	••	19.70
Classified Village Roads	 	39.92	1.00	154.93	195.85

An account of some of the important roads of the district is given below:

State Highy No. 1 .dhapurajurihailabaniiparhaaganigurhanudidhanpur id The State Highway No. 1 starts from Khurda (Puri district) and ends at Rampur (Kalahandi district). The total length of this all-weather motorable road in the district is 179.63 km. of which 163.57 km. are black-topped and 16.06 km. metalled. The road passes through Gariapada and Kuduki Ghats. The Gariapada Ghat runs from Khajuriparha to Gariapada for a length of 3.22 km. This road connects the State Capital, Bhubaneshwar, with the district headquarters, Phulabani. The other important places through which it passes in the district are Madhapur, Khajuriparha, Bisiparha, Phiringia, Sarangagarh, Nuagan, Baligurha and Tumudibandha. There are Public Works Department inspection bungalows at Phulabani, Baligurha and Tumudibandha; and rest sheds at the first two places.

State Highway No. 5 Baligurha-Munigurha Road The State Highway No. 5 starts from the State Highway No. 1 at Tumudibandha junction and proceeds up to Munigurha in the Koraput district. The length of this all-weather motorable road in the district is 39.22 km. of which 33.12 km. are black-topped and the rest 6.10 km. are metalled. There are inspection bungalows at Tumudibandha and Kotagarh on this road.

The State Highway No. 7 starts from Durgaprasad in the Ganjam district and meets the State Highway No. 1 at Bisiparha junction, via Kalinga and Tikabali. This is an all-weather motorable road and black topped throughout. The length of the road is 49.88 km. This is an important road as it connects the district of Ganjam with western Orissa. The road passes though Kalinga Ghat, the length of which is 10.46 km. The Public Works Department inspection bungalow is located at Kalinga.

State Highway No. 7 Berhampur-Phulabani Road

The State Highway No. 7-A starts from the State Highway No. 7 at Kalinga and proceeds for a distance of 57.73 km. to meet the State Highway No. 1 at Nuagan junction. This is an all-weather motorable road and black topped throughout. The road passes though G. Udayagiri and Raikia. The Public Works Department maintains one inspection bungalow at G. Udayagiri.

State Highway No. 7-A Kalinga-Baligurha Road

The Major District Road No. 20 is one of the old roads of the district. It connects Phulabani with the Dhenkanal district. It starts from the State Highway No. 1 at Phulabani and proceeds to Tikarparha. It is an all-weather road up to Charichhak. The road passes though Ranipathar and Bhetkhol Ghats. The length of this road in the district is 80.46 km. of which 68 km. are all-weather motorable road and the remaining portoin of 12 46 km. are fair-weather road. Out of the total length of the road, 51 km. are black topped, 17 km. metalled, 9 km. gravelled and 3.46 km. earthen. There are inspection bungalows at Ranipathar, Tukulunda and Sitalpani.

Major District Road No. 20 Phulabani-Tikarparha Road

The Major District Road No. 43 starts from the State Highway No. 1 at Madhapur, crosses the Major District Road No. 20 at Charichhak and proceeds up to Sonepur of the Balangir The important places through which it Adenigarh, Charichhak, Purunakatak, Badabandha, Harekrishnapur, Biranarsinghpur, Landibandh. Mathura. Sarsara, Boudh, Balasinga, Telibandha, Gajarajpur, Ainlapali, Baunsuni, Dahya and Manamunda. This is an all-weather motorable road. The length of the road in the district is 101.38 km of which 94 km, are black topped and the rest metalled. There are inspection bungalows maintained by the Public Works Department at Adenigarh, Purunakatak, Boudh, Telibandha, Baunsuani and Manamunda.

Major
District
Road No. 43
MadhapurBoudh-Mana
munda Road

This road starts from the Major District Road No. 43 at Manamunda and proceeds for a distance of 43.45 km. to reach at Ghantaparha. Out of the total length, 29 km are all-weather and motorable road. The road is metalled for 29 km, gravelled for 2 km, and earthen for 12.45 km.

Major District Road No. 24 Manamunda-Ghantaparha Road Major
District Road
No. 60-A
Grand
Military
Road

This road starts from the State Highway No.1 near Khenjamundi proceeds in the district for 84.88 km. and leaves for Mohana near Paniganda. Out of the total length of the road, 75.40 km and all.weather motorable 29.40 (46 km. fair-weather un-motorable road) are maintained by the Public Works (Roads and Buildings) Department and the remaining portion is under the control of the National Highways organisation. The road is black topped for 23 km, and the rest portion is either metalled or earthen. There are Ghats on the road. It passes through Simanbarhi, Daringbarhi, Dasingbarhi, Mahaguda and Bamunigan. The Public Works Department inspection bungalow is located at Daringbarhi.

Major District Road No. 62 Daringbarhi -Gajalbadi Road This Major District Road starts from the Major District Road No. 60-A, at Daringbarhi and proceeds up to Gajalbadi. The total length of the road in the district is 16.49 km. of which 11 km. are all-weather motorable road and the rest portion of 5.49 km. are fair-weather road. Out of the total length of the road, 0.80 km. are black topped, 10.20 km. metalled and the rest 5.49 km. are earthen.

Other District Roads There are three other District Roads in the district, viz. (i) Harabhanga-Chatranga road (5.63 km.), (ii) Boudh Town road (4.82 km.) and (iii) Phulabani Town Circular road (9.25 km.). The Harabhanga-Chatranga road is metalled and the rest two are black topped throughout. All these are all-weather roads. There is one Public Works Department inspection bungalow at Harabhanga.

Classified Village Roads The Roads and Buildings organisation of the Public Works Department maintains the following nine Classified Village Roads with a total length of 195.85 km.:

Name of the Road		Length (in km.)
1. Tumudibandha-Belaghar-Jhiripani		32.18
2. Belaghar-Ambadola		16 ·09
3. Sankarakhol-Khajuriparha	• •	21.32
4. Phiringia-Gochhaparha-Mallikuda	• •	12.88
5. Khamankhole-Sindhigurha-Ghantaparha	. •	22.73
6. Kotagarh-Subarnagiri-Srirampur		40.00
7. Butapali-Baghiaparha	••	19.00
8. Boudh-Dhalapur	• •	26.00
9. Pokharibandha-Mohangiri		5.65

The Sankarakhol-Khajuriparha road is metalled and is an all-weather road. The rest are either partly metalled or totally earthen fair-weather roads.

The National Highways Organisation (Project Division) maintains 289 km. of Classified Village roads, 9.60 km. of Major District roads and 3 km. of Panchayat Samiti roads in the district. A list of the roads is given below:

Roads Maintained by the National Highways Organisation

Sl. No	Name of the Road	Condition	All-Weather or Fair-Weather	Length
		Classified Vill	age Roads	
I	Phiringia-Gochhaparha Road	Partly meta- lled	Fair-weather	50 km.
2	G. Udayagiri-Paburia- Sarangagarh Road	Black-topped for first 14 km. and the rest water bound meca- dom road	All-weather	32 km.
3	Phulabani Gochhaparha Road	Partly Meta- lled	Fair-weather	28 km.
4	Tikabali-Chakapad-Nedi- gurha-Badangi Road	Ditto	Ditto	50 km.
5	Raikia-Simanbarhi Road	Ditto	Ditto	24 km.
6	Baligurha - Barakhama- Khamankhole Road	Ditto	Ditto	40 km.
7	Kotagarh - Subarnagiri- Srirampur - Mahaguda Junction Road	Ditto	Ditto	65 km.
	Majo	or District Ros	ad	
8	Daringbarhi - Bamuni- gan Road	Partly meta- lled	Fair-weather	9·60 km.
	Panch	nayat Samiti R	oad	
9	Tikabali-Gadasuda Road	• •	All-weather	3 km.

A total of 226 km. of road is maintained by the Rural Engineering Organisation*. These are (a) Sankarakhol-Kainjhar-Paburia - Mandakia road (39 km.), (b) Raikia-Manikeswar-Kararha road (20 km.), (c) Sugudabarhi-Deegi-Mandasaru road (8 km.),(d) Jhinjirigurha-Kalinga road (11.9 km.s), (e) Simanbarhi-Budagurha road (13.2) km.), (f) Raikia-

Roads maintained by the Rural Engineering Organisation

^{*}As the Rural Engineering Organisation has been abolished the roads of the Organisation are now maintained by the Public Works (Roads and Buildings) Department.

Gandisinala-Mediganda-Sarangagarh road (24 km.), (g) Baligurha-Budagurha road (28 km.), (h) Subarnagiri - Budagurha road (30 km.) and (i) Masiriparha - Kelaparha - Sadingia - Balandaparha road (52 km.). Out of these, there are two all-wether roads, viz., the Raikia-Manike-swar-Kararha road and the Sugudabarhi-Deegi-Mandasaru road. The road from Baligurha to Budagurha is a metalled one whereas the roads from Subarnagiri to Budagurha and from Masiriparha to Balandaparha via Kelaparha and Sadingia are moorum surfaced. The rest are unmetalled roads.

Forest Roads

The Forest Department maintain 520.7 km. of roads mainly for the extraction of forest products in the district. These are earthen roads and motorable in dry weather. Some of these are (i) Katringia-Karatmal road (14 km.), (ii) Balandaparha - Narayaniprasad road (16 km.), (iii) Adenigarh-Bisiparha road (15.6 km.), (iv) Bhahapur-Satakhanda road (15 km,), (v) Gandapaju -Kusanga road (24 km.), (vi) Adenigarh -Khuntabandha road (16 km.), (vii) Maltigochhapada-Dankan road (10 km.), (viii) Rengali-Banardei road (16 km.), (ix) Palasagora-Chanchar road (32 km.), (x) Mallikuda-Sindhurbarhi road Narayaniprasad-Pindapadar km.), (xi)road km.). (xii) Palasagora-Kanapa road (14 km.), (xiii) Lumurjena-Dankan road km.), (xiv) Tilapanga - Maltigochhaparha road (xv) Panisal-Samapaju road (19 km.), (xvi) Ranipathar -Baliapada road (16 km.), (xvii) Panaspathar - Tikiriparha road (19 km.), (all under the Phulabani Forest Division), (xviii) Kutigurha - Srirampur road (16 km.), (xix) Badabanga - Daringbarhi road (17 km.), (xx) Jhiripani-Lankagarh road (19 km.) and (xxi) Ranaba -Sahajkhol road (10.4 km.), all under the Baligurha Forest Division.

Panchayat Roads There are also 2940 km and 705 km. of approved roads under the charge of different Grama Panchayats and Panchayat Samitis respectively. These are all *kutcha* roads.

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The two urban local bodies of the district, viz., the Notified Area Council, Phulabani, and the Notified Area Council, Boudh, maintain 44.50 km. of roads. Out of this, the Notified Area Council, Phulabani looks after 10 km. of black-topped, 8.10 km. of metalled, 4 km. of unmetalled and one km. of earthen road, whereas 7.20 km. of metalled, 8 km. of unmetalled and 6.20 km. of earthen roads are under the control of the Notified Area Council, Boudh.

Vehicles and Conveyances

Like most of the districts of the State, here also, bulk of goods are carried for short distances by bullock carts whereas for long distances trucks are used. The towns of Phulabani and Boudh have

cycle rickshaws. Cycles are seen in the urban areas and also in the developed villages. By the end of 1976-77, there were 544 motor vehicles registered in the district which included 123 trucks, 37 buses, 36 private cars, one taxi, 136 jeeps, land rovers and station wagons, one auto-rickshaw, one contract carriage, and 209 motor cycles and scooters.

In the following statement is given the number of cycle-rickshaws, cycles and bullock carts licensed in the two urban local bodies of the district from 1974-75 to 1976-77.

Name of the	!	1974-75		1975-76			1976-77		
Area Council	Cycle rickshaws		Bullock carts	Cycle rickshaws	Cycles	Bullock carts	Cycle rick - shaws	Cycles	Bullock carts
Phulabani	21	215	11	21	612	16	20	682	12
Boudh	11	479	50	14	866	80	12	1,000	61

The Regional Transport Authority consists of four official and four non-official members. Out of the Official members, the Collector and the Regional Transport Officer of the district act as the Chairman and the Member-Secretary respectively.

REGIONAL TRANSPORT AUTHORITY

The Regional Transport Authority has issued permits to private bus owners to ply their vehicles on the following four all-weather routes.

1. Phulabani-Puri	 270 km.
2. Kantamal-Dhalapur via Charichhak	 127 km.
3. Baligurha-Berhampur	 192 km.
4. Phulabani-Berhampur	 165 km.

Before the Orissa Road Transport Company was formed in the year 1951 to run nationalised buses in Boudh-Khondmals and some others districts of the State, places like Phulabani and Boudh were served by privately-owned bus services. The Road Transport Company started its business of passenger transport service from the 1st January, 1951.

ORISSA ROAD TRANSPORT COMPANY LTD.

Since 1967, a separate zone of the Company with headquarters at Phulabani has been created for the district. The zone is under the

administrative control of the Assistant Transport Manager and comprises the Phulabani, Boudh and G. Udayagiri Units. There are 34 buses plying in this zone.

The following routes are being operated by this zone:

SI. No.	Name of the routes	Number of trips	Distance (km.)	
- x x	Phulabani Unit	· ·		
1	Phulabani-Cuttack		2	240
2	Phulabani-Berhampur		2	165
3	Phulabani-Munigurha	• •	1	180
4	Phulabani-Kantamal		1	145
5	Phulabani-Surdra		. 1	102
6	Harabhanga-Phulabani		. 1	80
* 7	Sadingia-Phulabani-Gochhaparha		1	64
8	Katringia-Sankarakhol	••	•	68
9	· ·	••	1	
10	Phulabani-G. Udayagiri Raikia-Phulabani	••	1	58 80
10		• •	1	80
4.	Boudh Unit		_	
11	Boudh-Berhampur	• •	1	235
12	Boudh - Bhanjanagar	• •	1	155
±13	Sagada-Boudh	••	1	72
14	Boudh-Kantamal	••	1	75
15	Ghantaparha-Boudh	••	. 1	94
*16	Boudh-Kusanga	• •	1	72
17	Baghiaparha-Harabhanga via Boudh	••	1	80
	G. Udayagiri Ui	nit		
18	G. Udayagiri-Berhampur		1	174
19	G. Udayagiri-Raimal	0.70	1	110
20	G. Udayagiri-Daringbarhi-Dasingbarh	ıi	1	128

^{*}Fair weather routes

The Company provides market specials on weekly market days from Phulabani to Khajuriparha (24 km.) and Phiringia (30 km.); from G. Udayagiri to Tikabali (21 km.), Raikia (22 km.), and Phulabani (58 km.), and from Boudh to Tileshwar (37 km.) and Bhagiaparha (22 km.).

Besides the above routes, nationalised buses of other zones of the Company and the Orissa State Road Transport Corporation also ply buses through the district. The routes are as follows:

Orissa Road Transport Company Ltd.

- 1. Sudra-Cuttack
- 2. Berhampur-Rourkela
- 3. Berhampur-Bhawanipatna
- 4. Bhanjanagar-Rayagada via Baligurha
- 5. Baligurha-Bhanjanagar
- 6. Jatni-Kantamal
- 7. Bhubaneswar-Balangir

Orissa State Road Transport Corporation

- 1. Cuttack-Bhawanipatna
- 2. Berhampur-Sambalpur
- 3. Rourkela-Aska
- 4. Balangir-Puri
- 5. Bhawanipatna-Puri
- 6. Khariar-Cuttack
- 7. Bhawanipatna-Berhampur

Each passenger travelling in the nationalised transport services is required to pay at the rate* of 4.5 paise and 5 paise per one km. of his journey in the ordinary and express buses respectively. In addition, he also pays 15 per cent of the fare as passenger tax. The freight is charged at the rate of 0.02 paise per 20 kgs. per km.

^{*} Present (1981-82) revised rate; ordinary bus-6 paise, Express bus-7paise, Delux bus-9 paise

The Road Transport Company has provided rest sheds for passengers at Phulabani, Tikabali, G. Udayagiri and Kalinga. Reservation of buses are being provided as and when required by the public.

Number of passengers travelled in the three units of the district with gross income from fare and freight of the Orissa Road Transport Company Ltd. is given in the following statement:

Year		No. of passengers	Gross income from fare & freight
1976-77	• •	2,373,240	Rs. 38,92,477.63
1977-78	• •	2,793,516	Rs. 38,14,366.93

RAILWAYS

As already mentioned, no railway line touches the district. The nearest railway station, Berhampur, in the Ganjam district on the Howrah-Madras route of the South-Estern Railway is 165 km. away from Phulabani, the district headquarters. The bulk of the railway traffic for the district is handled by this railway station. There are bus services from here to important places of the district like Boudh, Phulabani, G. Udayagiri and Baligurha. Boudh is also connected by bus service with Khurda Road (Puri district) railway junction on the Howrah-Madras route.

WATERWAYS, FERRIES AND BRIDGES

The river Tel and Mahanadi flowing on the western and northen boundaries of the district respectively, despite their rocky beds, are navigable all the year round except for a certain period in summer. Mainly in rainy season, goods like paddy, rice, logs, bamboos and vegetables are transported in country boats to distant places. The other rivers in the district are not suitable for navigation as they pass through steep high lands and mountains and their beds are rocky.

The Public Works (Roads and Buildings) Department maintains two ferries, viz., Tikarparha Ghat on Angul-Phulabani road, and Boudh-Kiakata Ghat at Boudh, with three and four boats respectively. These ferry services operate round the year to carry passengers free of charge. From 15th December to 15th June, every year, these services also carry light motor vehicles.

This apart, 51 ferries are also in charge of different Grama Panchayats of the district. These are operated by country boats. A list of these ferries is given in Appendix 1.

The following is a list of some of the major bridges of the district:

Name of the bridge	Type of bridge	Location	No. of spans with length	Total length and breadth	Year of comple- tion	Cost of construction (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Major L	District Road N	o. 43, Boudh-S	onepur road		
Bridge over the river Salki	High Level	8.05 km, from Boudh	12 spans of 15.24 mtr. each	200 mtr.× 7·5 mtr.	1972	21,00,00 0
Bridge over the river Bagh	High Level	32.20 km. from Boudh	10 spans of 12.19 mtr. each	144 [.] 75 mt _r .× 7 [.] 5 mt _r .	1972	15,00,000
Bridge over the river Meherani	High Level	41 [.] 86 km. from Boudh	7 spans of 15.24 mtr. each	115.82 mtr. ×7.5 mtr.	1973	16,00,000
	Major Dis	trict Road No.	20, Phulabani-I	Tikarparha re	oad	
Bridge over Kankadapathar Nala	Submer- ssible	46 [.] 69 km.	5 spans of 7.62 mtr.	51.81 mtr. $\times 7.5$ mtr.		5,00,000
Bridge over Kailasi Nala	Submer- ssible	49·91 km.	6 spans of 7.62 mtr.	60.96 mtr. ×7.5 mtr.	1975	5,00,000
Bridge over Jharkhaman Nala	High Level	54·74 km.	2 spans of 19.81 mtr.	53·34 mtr. ×7·5 mtr.	197 6	5,50,000
1st Ranipathar Bridge	• •	28/0 to 29/0 km.	5 spans	100' or 30'48 mtr.	1956	••
2nd Ranipathar Bridge		28/0 to 29/0 km.	5 spans	130' or 39.62 mtr.	1956-57	,.
3rd Ranipathar Bridge	••	30/0 to 31/0 km.	6 spans	150' or 45·72 mtr.	1956-57	• •

Name of the

Type of

No. of spans

Total

Year

Cost of

Location

bridge	bridge	Location	with lengt		of comple- tion	construc- tion (Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
State Highway	No. 1, M	adhapur-Khajuri Tumudibandha	parha-Phulab Rampur r oa	ani-Bisiparha d	Nuagan-B	aligurha
Bada Salki Bridge	••	••	8 spans	265' or 80.78 mtr.	••	• •
Kalipana Nala Bridge	••	Sarangagarh- Nuagan	5 spans	122' or 37.18 mtr.	1965	••
Gumedi Bridge	••	Nuagan- Baligurha	5 spans	211' or 64:31 mtr.	1959	••
Boda Bridge	••	Baligurha- Tumudi- bandha	7 spans	160' or 48:77 mt _r .	1957	• 0
Matrugan Bridge	••	Tumudi- bandha- Rampur	5 spans	108' or 32.92 mt _r .	1971	••
Raul Bridge	••	Baligurha- Tumud- bandh	12 spans	265' or 80.78 mtr.	1957	
	Staie H	ighway No. 5, Bo	aligurha-Mun	igurha road		
Bandapipili Bridge	••	••	4 Spans	108' or 32.92 mtr.	• •	••
	State Hig	ghway No. 7, Ber	ham <mark>pur-Phul</mark>	abani road		
Pila Salki Bridge		60 to 161 km.	5 spans		Pre-Indepe	endence

TRANSPORT BY AIR

The only aerodrome of the district is located at Balasinga near Boudh. It is not functioning now. The nearest air-strip is at Rangeilunda in the Ganjam district which is about 177 km. from Phulabani. This air-field is meant for occasional landing of small planes.

TRAVEL AND Tourist FACILITIES

In old days, the Mahanadi and the Tel were providing excellent waterways for the travellers. The bullock carts were commonly used in the plain. The royal family and the zamindars were performing their journey by elephants. The common people were travelling mainly on foot. There were choultries at different places to provide shelter to travellers.

The district is rich in wild life resources. The Padmatola Sanctuary in the district can be approached from Charichhak, 43 km. east on the Bhubaneshwar-Balangir road and by a fair-weather road from Daspalla joining Tikarpa:ha, attracts the visitors for its herds of wild elephants and all kinds of deer. The Hatidhara Reserve Forest of the Phulabani Forest Division, famous for elephant catch since the Moghul period, is also rich in wild life.

Some of the places of tourist interest in the district are Boudh, Chakapad and Gandharadi. There exists at Boudh three magnificient temples within the compound of the temple of Lord Rameswar All the temples with their rich texture and carved surfaces are strikingly noteworthy. The other interest to a visitor in this town is the excavated ruins of a Budhist monastery close to the palace of the ex-Ruler. At Chakapad, there is a temple dedicated to Lord Birupakshya on an elevation of 800 ft. from the sea-level. Lord Birupakshya is worshipped with great devotion both by the tribals and the non-tribals of the area. Near the temple, there flows a perennial river named Brutanga. The natural beauty and glamour of the place keeps the visitors spellbound. The twin temples of Nilamadhav (Bishnu) and Siddhewsar (Siva) at Gandharadi near Boudh town are unique specimens of early Rekha temples of Orissa.

The district and subdivisional headquarters are well connected with metal roads from Bhubaneshwar and Berhampur. There are regular bus services to most of the important places of the district. Bhubaneshwar, 211 km. in distance from Phulabani, the district headquarters, is the nearest airport where the planes of the Indian Air-lines carrying passengers land daily. The nearest rail-head from Phulabani is Berhampur (165 km.). The district has no travelling agent or guide.

There are hotel and lodging facilites available at Phulabani, Boudh and Baligurha. The hotels serve only Indian food.

The district has two circuit houses located at Phulabani and Boudh with four and two suites respectively. Both are fully furnished and

Phulabani, Nuapadar, Balandaparha, Balaskumpa, Kelaparha, Gunjibarhi, Barkhama, Sarangagarha, Daringbarhi, Simanbarhi, Tikangia, Bamunigan, Belghar, Kotagarh, Kurttamgarh, Mahaguda, Budagurha, Kanjamendi, Rudangia, Durgapanga, Dasingbarhi, Khamankhole, Lingagarha, Ranaba, Kainjhar, Lineparha, Sankarakhol, Chakapad, Gutingia, Deegi, Paburia, Tumudibandha, Chatranga, Sagada, Manamunda, Boudh, Palasagora, Baghiaparha, Para, Dahya, Madhapur, Kantamal, Similijore, Ghantaparha, Ambghai.

managed by the Revenue Department. The Public Works (Roads and Buildings) Department maintains inspection bungalows at Phulabani (electrified), Ranipathar, Tukulunda, Sitalpani, Purunakatak, Adenigarh, Boudh, Bausuni, Telibandha, Manamunda, Harabhanga, Kalinga (electrified), Baligurha and G. Udayagiri (electrified). Except Phulabani (4 suites), inspection bungalows in other places have two suites. There are also inspection

bungalows at Phulabani, Phiringia, Kahjuriparha, Gochhaparha, Katringia, Bisiparha, Gumagarh, Tumudibandha, Charichhak, Dhalapur, Karadi, G. Udayagiri, Tikabali and Raikia under the control of the Revenue Department. This apart, the Revenue Department manages a number of rest sheds at different places (as in the margin) of the district.

Circuit
Houses,
Inspection
Bungalows
and Rest
Sheds

The Forest Department maintains a small rest shed at Mallikuda and the Public Works (Roads and Buildings) Department looks after the rest sheds at Phulabani and Baligurha.

Furniture have been provided in all the inspection bungalows and in most of the rest sheds of the district. These bungalows are mainly maintained for Government officials touring on duty. When vacant, these bungalows can be reserved by the public, on payment.

Dharmasala and Saraighar

There is only one Dharmasala in the district at Phulabani with three rooms. There also exists one Saraighar at Tileshwar in the Boudh subdivision.

Post And Telegraph Offices There were only 20 post offices in the district on the 1st April, 1951. Their number increased to 196 by April 1961. On the 1st April, 1965 the Sub-Post Office at Phulabani was upgraded to a Head Post Office.

For the purpose of postal administration the district was then placed under the charge of the Superintendent of Post Offices, Berhampur (Ganjam) Division. On the 29th October, 1972, a separate postal division was created for the district with headquarters at Phulabani. On this day, the district had one head post office, 17 sub-post offices and 242 branch post offices.

Since then the number of post offices has increased gradually. By the 1st April, 1978, there were 304 post offices in the district which included one head office, 26 sub-offices and 277 extra-departmental branch offices. Out of these, the post offices at Phulabani (Head Office), Baligurha, Boudh, Daringbarhi, Kantamal, Khajuriparha, Kotagarh, Manamunda, Nuagan, Phiringia, Purunakatak, Raikia, Sankarakhol, Sarangagarha, Tumudibandha, Tikabali, G. Udayagiri, Harabhanga, Rudangia (all sub-offices), Bastingia, Jhadrajhingi and Kalinga (all branch offices) are combined post and telegraph offices.

As the district is not connected by rail or air, the receipt, despatch and transmission of mails are made through the Orissa Road Transport Company buses.

The statements are given in the Appendices II and III, of which the first shows the postal business done by the Phulabani Postal Division from 1975-76 to 1977-78 and the other contains a classified list of post offices of the district as existing on the 1st April, 1978.

COMMUNICATIONS

No Radio Station functions in the district. Number of radio sets licensed and fees realised therefrom in the district from 1975-76 to 1977-78 are given below:

RADIO, WIRELESS AND PIGEON SERVICE

Year	Number of set	s Fees realised
		(Rs.)
1975-76	2,951	64,149.00
1976-77	2,649	81,464.00
1977-78	4,151	86,295.00

Wireless stations under the management of the police organisation are functioning at Phulabani, Boudh, Baligurha and Manamunda.

There are two pigeon lofts in the district located at Phulabani and Baligurha. These lofts are under the control of the Superintendent of Police, Boudh-Khondmals. The loft at Phulabani is operating with 37 birds whereas the loft at Baligurha has 8 birds.

Boomerang services are available from Phulabani to Khajuriparha Police Station and Gochhaparha out-post daily for one hour from 8 a.m. There is no route service at Baligurha. The pigeons are kept there for static service.

The district has the following seven telephone exchanges:

TELEPH ONES

S 100 \$

Location of the Ex	change	Type and capacity	Present working connections	Date of opening of the Exchange
1		2	3	4
Phulabani		200 L CBM	117	22-2-1957
Boudh		50 L SAX	42	8-3-1972
G. Udayagiri		25 L SAX	20	4-7-1973
Baligurha		35 L SAX	26	10-1-1975
Tikabali	• •	25 L SAX	11	28-2-1976
Raikia	• •	25 L SAX	12	31-3-1978
Purunakatak		25 L SAX	10	7-1-1978

There are long distance public call offices with extensions at Daringbarhi, Kalinga, Khajuriparha, Manamunda, Nuagan and Tumudibandha. The Public Call Offices at Badungia and Sankarakhol have no extensions. There are also Public Call Offices functioning at Phulabani, Boudh, G. Udayagiri, Raikia, Tikabali, Bastingia, Baligurha, Purunakatak and Jhadrajhingi (Charichhak).

Transport Owners and Employees Unions There exists no transport owners association in the district. But there is one union of the transport employees, details of which is given below.

Phulabani Orissa Road Transport Men's Union The Orissa Road Transport Men's Union at Phulabani was established in June 1978 with the object of redressing the grievances, improving service condition, etc. of the employees of the Orissa Road Transport Organisation in the district. The Union has at present (1978-79) 71 members.

COMMUNICATIONS

APPENDIX I

LIST OF FERRIES

Name of Grama Panchayats		Location	Name of the Ghat	Name of the river
1		2	3	4
		Kantamal	Panchayat Samiti	
Manamunda		Sahupada	Sahupada	Mahanadi
Kantamal		Ma lliku d a	Mallikuda	Tel
		Badachhapapali	Badachhapapali	Tel
		Kantamal	Kantamal	Tel
		Baradipadar	Baradipadar	Tel
		Mallikuda Kallimuhan	Mallikuda Kallimuhan	Tel
Rundimahul	••	Gambharipadar	Gambharipadar	Tel
Similipadar		Gabjore	Gabjore	Tel
		Tundumal	Tundumal	Tel
Palasagora		Chatapipal	Chatapipal	Tel
		Guabahal	Guabahal	Tel
		Kamghat	Kamghat	Tel
		Lokapada	Lokapada Suk Tel Muhan	Tel
Ghantaparha	••	Ghantaparha	Samaleshwari	Tel
Kultajore	••	Taparna	Taparna	Tel
		Fased	Fased	Tel
		Deoga n	Deogan	Kodogo

Name of the Gram Panchayat	a Location	Name of the Ghat	Name of the river
757 1.00 1 0 6.00	Mar 2 Recognition .	3 Cheristiches I	·
	Harabhanga Pan		
Harabhanga	Harabhanga	Harabhanga	Mahanadi
	Kodasinga	Kodasinga	Mahanadi
	Malikpada	Malikpada	Mahanadi
1000	Panighara () () ()	Panighara	Mahanadi
Sampoch	Sampoch	Sampoch	Mahanadi
	Karadi	Karadi	Mahanadi
Mathura 1978	Krishnamohanpur	Krishnamohanpur	Mahanadi
Dhalapur	Ramagarh	Ramagarh	Mahanadi
ry î	Dhalapur Unal	Dhalapur	Mahanadi
	Ollai	Unal	Mahanadi
Kusanga	Kumari	Kumari	Mahanadi
	Boudh P	anchayat Samaiti	
Badhigan	Mursundhi	Mursundhi Kumbhigan	Mahanadi
Baghiaparha	Baghiaparha	Baghiaparha	Salki
Baunsuni	Baunsuni Usabilika	Baunsuni Usabilika	Mahanadi Bagh
Mundaparha	Kampara	Kampara	Salki
Khuntabandha	Chandigarh	Chandigarh	Mahanadi
Raksha	Armuda	Armuda	Mahanadi
Sagada	Khandikarpa	Khandikarpa	Bagh
	Kurumunda	Kurumunda	Bagh
	Baligarha Damamunda	Baligarha	Bagh
2 - 1904	Tentulipali	Damamunda Tananii ali	Bagh
Mundipadar	Kankala	Tentulipali Kankala	Mahanadi
	Telibandha		Mahanadi Mahanadi
	Lumburjena	Telibandha (Fashi) Lumburjena	- Mahanadi
20 m d Ma			Bagh
,	All growth [ា ល់ ខេត្ត បាន	

APPENDIX II Postal Business Transacted from 1975-76 to 1977-78

paid mount	
mount	
5	
Rs. P.	
,54,885.5	
,23,598.5	
69,20,315.73	
т. Б.	
r Amour	
13	
Rs. P	
98,950.0	
95,550-0	
1,43,850	
T. D.	
r Amou	
21	
Rs. P.	
27,200-0	
38,100·0	

Year	Registe	Registered Letters		Parcels		Ordinary Letters	
	Number issued	Number delivered	Number issued	Number delivered	Number issued	Number delivered	
1	22	23	24	25	26	27	
1975-76	5,71,578	66,407	2,959	369	1,33,547	1,44,909	
1976-77	6,27,710	70,366	3,431	298	1,47,958	1,53,401	
1977-78	6,42,458	78 ,4 37	4,317	307	5,83,162	5,83,162	

Telegrams		N. D. C.				
			Issued		Discharged	
Year	Number issued	Number delivered	Number	Amount	Number	Amount
1	28	29	30	31	32	33
				Rs. P.		Rs. P.
1975-76	23,934	26,845	Nil	Nil	221	61,270.26
1976-77	30,025	20,081	Nil	Nil	334	69,671.54
1 9 77- 7 8	31,405	19,137	Nil	Nil	251	33,859-95

COMMUNICATIONS APPENDIX III

CLASSIFIED LIST OF POST OFFICES OF THE DISTRICT AS ON THE 1ST APRIL 1978

Phulabani Head Office Class	Pin	762001	2nd	Rabingia Sarkiparha		ES ES
Batimunda		ES		Sindrigan	• •	S
Duduki		ESGP		Solagurha	• •	ESGP
Dakpal		ES		Sudra	• •	SGP
Gochhaparha		SGP		3. *Boudh LSG ££	PCO	D
Gudari		ESGP		Pin 76 2014, Class-		K
Katringia		ESGP			_	
Krandibali		ESGP		Badhigan		ESGP
Sainipadar		ES		Baghiaparha	• •	SGP
Salaguda		ESGP		Balasinga	• •	S
Sudreju		ES		Bamada	• •	SGP
Sudurukumpa		SGP		Bandhapathar	• •	S
Talaparha		ESGP		Birigarh	• •	ES
Tudipaju		ESGP		Biranarasinghpur	• •	S
				Billabadi	• •	ESGP
1. Baligurha ££ PCO	LSG	R Pin 7	62103	Brahmanpali	• •	ES
Class-A				Butupali	• •	ES
Badeketa	• •	ES		Devgarh	• •	ES
Budingia	• •	ES		Dhadalparha	• •	S
Biringia	٠.	ES		Jonhaponk	• •	S
Budagurha	• •	SGP		Kamira	• •	ES
Burangia	• •	ES		Karadi	• •	S
Dandapadar	• •	ES		Kellakata	• •	ES
Demingia	• •	S		Khamariparha	• •	ES
Kanchabali	• •	ES		Khuntabandha	••	ESGP
Kudupanga		S		Khuntiparha	• •	ES
Mahasingi	• •	SGP		Lunibahal	• •	ES
Pokhari Butun sia	••	ES		Marjakud	• •	ES
Rutungia Sainipada	· •	SGP ES		Mathura	• •	ESGP
Simanbarhi		ES		Mundaparha	• •	SGP
Tillori		SGP		Palaspat	••	ESGP
				Rambhikata	• •	S
2. Barkhama R Pin-7	6211	0, Class-	С	Salki		S
Badagan		ES		Sampoch	• •	ESGP
Budrukia		ESGP		Sarasara		SGP
Khamankhole		ESGP		Telibandha		SGP
Kutikia		S			• •	
Melsikia		ES		Tetelenga	• •	ES
Pokharibandha		ES		Tikarparha		ESGP

4. Baunsuni R Pin	762015, Class B	7. Ghantaparha EDSO, Pin 762018
Ainlapali Ambajhari	ES ESGP	8. Harabhanga R PCO Pin 762020 Class C
Badikata	ES	Arakhapadar ES
Bahira	ESGP	Chatrang ES
Balakira	ES	Gundribida ES
Dahya	S	Karanjakata S
Gunduli a	ESGP	Kharbhuin S
Juramunda	ES	Kumari E.S.
Kankala	ES	Kusanga SGP
Kasurbandh	ES	Laxmanpur ESGP
Manupali	ESGP	Mahalikpada ES
Mundipadar	ESGP	Malikpada ES
Nuapali	ES	Sankulai ESGP
Raksha	ESGP	
Rushibandh	S	9. Kantamal R ££ Pin 762017 Class B
Sangochhapada	ES	Ambagan SGP
Tilapanga	ES	Baragan S
impunga	,, <u>1</u> 20	Kultajore SGP
5. Bamunigan Pin	762021, Class C	Masinagora ES
Alanjuri	S	Narayanprasad ESGP
Gadapur	SGP	Nuapali S
Gudikia	ES	Rundimahal ES
Jhinjirigurha	ES	Sanchapapali ES
Katingia	SGP	Sirimal S
Kasabasa	ES	Uden ES
Katamaha	S	Uma ESGP
Mahagudi	ES	10 Whateringsha D CC DCO Dis #C0048
Salimagochha	ES	10. Khajuriparha R ££ PCO Pin 762012
Sangadama	ES	Amanair
Tamangi	ES	Arapaju SGP
6. Daringbarhi ££ R	PCO	Bapalmendi ESGP
Class C Pin 762104	100	Baringi S Boikumpa ES
Badabanga	ESGP	Dele-1-
Bhramarbarhi	ES	•
Danekbarhi	ES	
Dasingbarhi	SGP	Dutiparha SGP Dutimendi SGP
Kerubarhi	S	
Kirikuti	S	Gadiaparha ES
Kumbharbarhi	s	Gandapaju ES Gandisar ES
Pangali	S	Lambabarhi ES
Parthamaha	SGP	Lineparha SGP
Simanbarhi Sonapur	SGP SGP	Madhapur ES
Sraniket	ES	R. Nuagan S Talagan S
		raiagan 3

11. Kotagarh R ££ Piu 762105 Class C	Gunjibachi ESGP
Durgapanga ESGP	Kanjamendi SGP
Gugurmaha ES	Kudutuli ESGP
Judabai ES	Lethingia ES
Madagurha ES	Lokebadi S
Ora ESGP	Sirtigurha ES
Shrirampur ESGP	18. Phiringia R ££ PCO Pin 762011
Subarnagiri SGP	Class C
	Bandhagarh SGP
12. Kurttamgarh R Pin 762109 Class C	Bisiparha SGP
Ballimusti ES	Dimbirigurha ESGP
Batagudha SGP	Jajespanga ESGP
Dadakangia ES	Kasinipadar ESGP
Dangisiguda ES	Kelaparha SGP
Mediakia ES	Pabingia ESGP
Parampanga ES	Paderipada ES
Pusangia ES	Rabingia S
· · · · · · · · · · · · · · · · · · ·	Ratanga ES
13. *Manamunda R ££ PCO Pin 762016	Sadingia SGP
Class B	Seskajodi ES
Baghiabahal S	Tellapali S
Damamunda ES	10 *D
Dapala S	19. *Purunakatak ££ PCO R Pin 762013 Class B
Gabjore ES	Adenigarh SGP
Gudavelipadar S	Badabandha S
Jogendrapur ESGP Khairmal ES	Balanda ES
	Dhalapur ESGP
Khaliapali S Khatkhatia S	Jhadrajhingi SPCO ££
1214001	Khandahata ES
Lokapada ES Padarpada S	Ramagarh SGP
1 deal page	Ranipathar ES Tileshwar SGP
Sagada ESGP	mesnwar SGP
Similipadar SGP	20. Raikia R ££ PCO Pin 762101
Sundhipadar ESGP	Class C
Tundumal ES	Banda ES
14. Madikunda NDTSO Class C	Beredakia S Chanchedi ESGP
15. Malisahi NDTSO Class C	Dadingia ES
	Deegi SGP
16. Masterparha NDTSO Class C	Gedingia ES
17. Nuagan R ££ PCO Pin 762102	Gudrikia ES Gundhani ES
Class C	
Balligarha ES	Lumungia S Mandasaru ES
Balligarha ES	Lumungia S Mandasaru ES Manikeswar SGP
Balligarha ES Dharmpur ES Dimisingia ES	Lumungia S Mandasaru ES

21. Rudangia EDSO	££ Pin 762108	Jhiripani	ESGP
_		Lankaga:h	ESGP
22. Sankarakhol R 762019 Cl		Mundigarh	ESGP
Adasiparha	SGP	Sirla	ES
Balaskumpa	CD	26. *Udayagiri (Pl	HI) LSG PCO ££ Pin
Bada bhuin	ES	762100 Class A	A LOGICOLLIM
Boida	S	Adasikupa	S
Gumagarh	SGP	Bakingia	ES
Koinjhar	S	Burbinaju	ES
Pakangagan	ES	Gadagurha	ESGP
Rasimendi	ES	Gardingia	ESGP
Titrapanga	ES	Gressingia	ES
22 C	cc D:= 763106	Kanabagiri	S
23. Sarangagarha R : Class C		Kothingia	S
Boriguda	s	Kurmingia	ES
Guttingia	SGP	0 0	SGP
Madarsahi	ES	Luhurungia	ES
Magadingia	ES	•	SGP
Padangi	ES		ESGP
			SGP
24. Tikabali R P; C O	££ Pin		ESGP
762010 Class B		•	S
Arabaka	ES	•	SGP
Balumaha	ES	Sirki	ES
Bastingia	ES ££ PCO	Tiangia	ESGP
Belapadar	ES	Symbols used	d. :
Bodimunda	ESGP	*	Cash Office
Beheragam	ESGP	££	Combined Office
Brahmanpad	SGP	E	Experimental Office
Breka	ES	N. D	No Delivery office
Chahali	ESGP ESGP	Α	Class I S. O.
Chakapad Ghatigurha	ESGP	В	Class II S. O.
Kalinga Kalinga	SRGP ££ PC	C	Class III S. O.
Katimaha	ESGP	E. D. S. O	Extra Departmental
Nedigurha	ES		Sub-office
Nuagan	ESGP	s	Branch Office vested with Savings Bank
Podasahi	ES		power
Posara	SGP	т	Town S. O.
_		L. S. G	Lower Selection
25. Tumudibandha R ££ Pin 762107	PCO Class C		Grade Offices justified as per standard
Belaghar	ESGP	G. P	Gram Panchayat
Guma	SGP		Hdqrs.