

Flood Action Plan  
FAP 3  
North Central Regional Study  
**Supporting Report VI**  
**Infrastructure and Existing Schemes**

February 1993

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Financed by:

Commission of the European Communities and  
Caisse Française de Développement;  
Project ALA/90/03

**Consortium:**

BCEOM, Compagnie Nationale du Rhone  
Euroconsult, Mott MacDonald International,  
Satec Développement

*in association with:*

Desh Upodesh Ltd.  
BETS Ltd.

1

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The Regional Water Resources Development Plan - Final Report consists of the following:-

Main Volume REGIONAL WATER RESOURCES DEVELOPMENT PLAN

Supporting Reports:-

- |         |  |
|---------|--|
| SR I    | LAND RESOURCES AND AGRICULTURE                   |
| SR II   | WATER RESOURCES                                  |
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| SR V    | ENVIRONMENT                                      |
| SR VI   | INFRASTRUCTURE AND EXISTING SCHEMES              |
| SR VII  | ENGINEERING                                      |
| SR VIII | DEVELOPMENT OPTIONS                              |
| SR IX   | PLANNING UNITS AND REGIONAL SCHEMES              |
| SR X    | ECONOMIC, AND MULTICRITERIA IMPACT ASSESSMENT    |

**NORTH CENTRAL REGIONAL WATER RESOURCES DEVELOPMENT PLAN**  
**FAP-3**  
**SUPPORTING REPORT VI - INFRASTRUCTURE AND EXISTING SCHEMES**

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ADB	Asian Development Bank	GW	Groundwater
AEZ	Agro-Ecological Zone	HTW	Hand Tubewell
BADC	Bangladesh Agricultural Development Corp.	HYV	High Yielding Variety
BARC	Bangladesh Agricultural Research Council	IDA	International Development Agency
BARI	Bangladesh Agricultural Research Institute	IPM	Integrated Pest Management Programme
BAU	Bangladesh Agricultural University	IRRI	International Rice Research Institute
BB	Bangladesh Bank	JFP	Jamuna Flood Plain
BBS	Bangladesh Bureau of Statistics	JPPS	Jamalpur Priority Project Study
BCAL	Bangladesh Census of Agricultural Livestock	LGEB	Local Government Engineering Bureau
BCAS	Bangladesh Centre for Advanced Studies	MCA	Multicriteria Analysis
FDC	Bangladesh Fisheries Development Corp.	ME	Ministry of Education
BIDS	Bangladesh Institute of Development Studies	MF	Ministry of Finance
BIWTA	Bangladesh Inland Water Transport Auth.	MIWDFC	Minist.of Irrig., Water Dev.& Flood Control
BJRI	Bangladesh Jute Research Institute	ML	Ministry of Land
BKB	Bangladesh Krishi Bank	MLGRDC	Minist.of Local Govt.,Rural Dev.& Coop.
BNPP	Bangladesh National Physical Plan. Board	MOA	Ministry of Agriculture
BRAC	Bangladesh Rural Advancement Committee	MOEF	Ministry of Environment and Forestry
BRDB	Bangladesh Rural Development Board	MOFL	Ministry of Fisheries & Livestock
BRRI	Bangladesh Rice Research Institute	MOSTI	Manually Operated Shallow T/W for Irrig.
BUET	Bangladesh University of Engg.Technology	MP	Ministry of Planning
BWDB	Bangladesh Water Development Board	MPO	Master Plan Organisation
CA	Catchment Area	MTN	Madhupur Tract North
CAS	Catch Assessment Survey	MTS	Madhupur Tract South
CAT	Coordination Advisory Team	NCA	Net Cultivable Area
CCCE	Caisse Centrale de Coopération Economique	NCR	North Central Region
CEC	Commission of European Communities	NCRM	North Central Regional Model
CPM	Coarse Pilot Model	NCRMG	North Central Regional Model Group
CS	Consultants' Studies	NCRS	North Central Regional Study
DA	Development Area	NFMP	New Fisheries Management Policy
DAE	Department of Agricultural Extension	NGO	Non Government Organisation
DAE	Department of Agricultural Extension	NGR	Natural Growth Rate
DANIDA	Danish International Development Agency	NWP	National Water Plan
DDT	Dichlorodiphenyl-trichloroethane	OBFP	Old Brahmaputra Flood Plain
DHI	Danish Hydraulics Institute	O&M	Operation and Maintenance
DOE	Department of Environment	ODA	Overseas Development Administration (UK)
DOF	Department of Fisheries	PA	Planning Area
DOS	Disk Operating System	PFDS	Public Foodgrain Distribution System
DSSTW	Deep Set Shallow Tubewell	POE	Panel of Experts
DTW	Deep Tubewell	PSR	Preliminary Supporting Report
DUL	Desh Upodesh Ltd.	PU	Planning Unit
EEC	European Economic Community	PWD	Public Works Datum
EIA	Environmental Impact Assessment	RARS	Regional Agricultural Research Station
EIP	Early Implementation Programme	RHD	Roads and Highways Department
FAO	Food & Agricul.Organ.of the United Nations	RS	Regional Scheme
FAP	Flood Action Plan	SES	Socio-Economic Survey
FCD	Flood Control and Drainage	SOB	Survey of Bangladesh
FCDI	Flood Control,Drainage & Irrigation Project	SPARRSO	Space Research & Remote Sensing Organ.
FFYP	Fourth Five Year Plan	SRP	Systems Rehabilitation Project
FHS	Flood Hydrology Study	SRTI	Sugarcane Research and Training Institute
FMM	Flood Management Modelling	STW	Shallow Tube Well
FPCO	Flood Plan Co-ordination Organisation	SWMC	Surface Water Modelling Centre
FRI	Fisheries Research Institute	TOR	Terms of Reference
FRSS	Fisheries Resources Survey System	Tk	Taka
FSR	Farming Research System	UNDP	United Nations Development Programme
FWP	Food for Work Programme	UNHCR	United Nations H.Commission for Refugees
FY	Financial Year	WFP	World Food Programme
GOB	Government of Bangladesh		

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## CHAPTER 1

### GENERAL INFRASTRUCTURE



#### 1.1 Postal and Telecommunication

##### 1.1.1 Postal System

Bangladesh is divided into four administrative divisions comprising of sixty four districts. The NCRS project area covers eight districts and the post office uses a postal code system for easy sorting and quick distribution, see Figure VI.1.1 and VI.1.2. The NCRS is covered under one postal region viz Dhaka.

The general Post Office and head offices located at the metropolitan cities have been given 4 digit code numbers. In addition there are post offices and sub-post offices in the thana and union levels. Each of them are given a code number, see Table VI.1.1.

##### 1.1.2 Tele-Communication System

Telecommunications contribute significantly to the socio-economic development of the country, especially in the field of government administration, and commerce. The NCRS falls within the Dhaka Telecommunication Region, see Figure VI.1.3 and has Microwave and UHF lines as shown in Figure VI.1.4

There are 15 division offices and 9 central Telegram offices in the NCRS, with 2 Telegram Offices at Mymensingh and Narayanganj. In 1990 there were 30 Nrs. Analog, 6 Nrs. Digital Telephone exchanges, 12 Nrs. T.C.B exchange, 84 Nrs. Magenta exchange, 325 Coinbox, 196 Nrs. T.P.C (includes 20 Nrs. Wireless PCO) and 539 TPBX/PMBX working. The growth of different types of exchanges in the Dhaka region since 1987 are given in Table VI.1.2.

Figure V.I.5 shows the development of telephone capacity for the different telecom divisions for the period 1973-1990. The development of the number of subscribers (working connections) by telecom division is also shown.

An international comparison of tarios-Telephone connectors per 100 people vs. GNP per capita-shows, that Bangladesh ranges at the very end, just above countries like Myanmar (Burma) and Nepal. Other Asian developing countries like China, Pakistan, India, Thailand or Indonesia register much higher telephone density figures. The slope of the regression line reveals that the number of mains per 100 inhabitants is increasing super linearly relative to the development of GNP. The countries lying above the regression line have a higher penetration of main lines than the mean value of the regression line in relation to the countries respective GNP per capita. Figure VI.1.6 demonstrates, that Bangladesh is situated well below the mean value, i.e. the country has a very low penetration or service factor.

#### 1.2 General Facilities

Most of the facilities contributing to the Socio-economics of the NCR are discussed in SR IV. Data on educational institutions, hospitals and clinics, hats & bazaars etc. for each Planning Unit are given in Table VI.1.3. The analysis may be taken as an index of socio-economic condition of the people, and shows that the available facilities are very meager, specially the education & medical facilities.



Figure VI.1.1  
District Post Codes

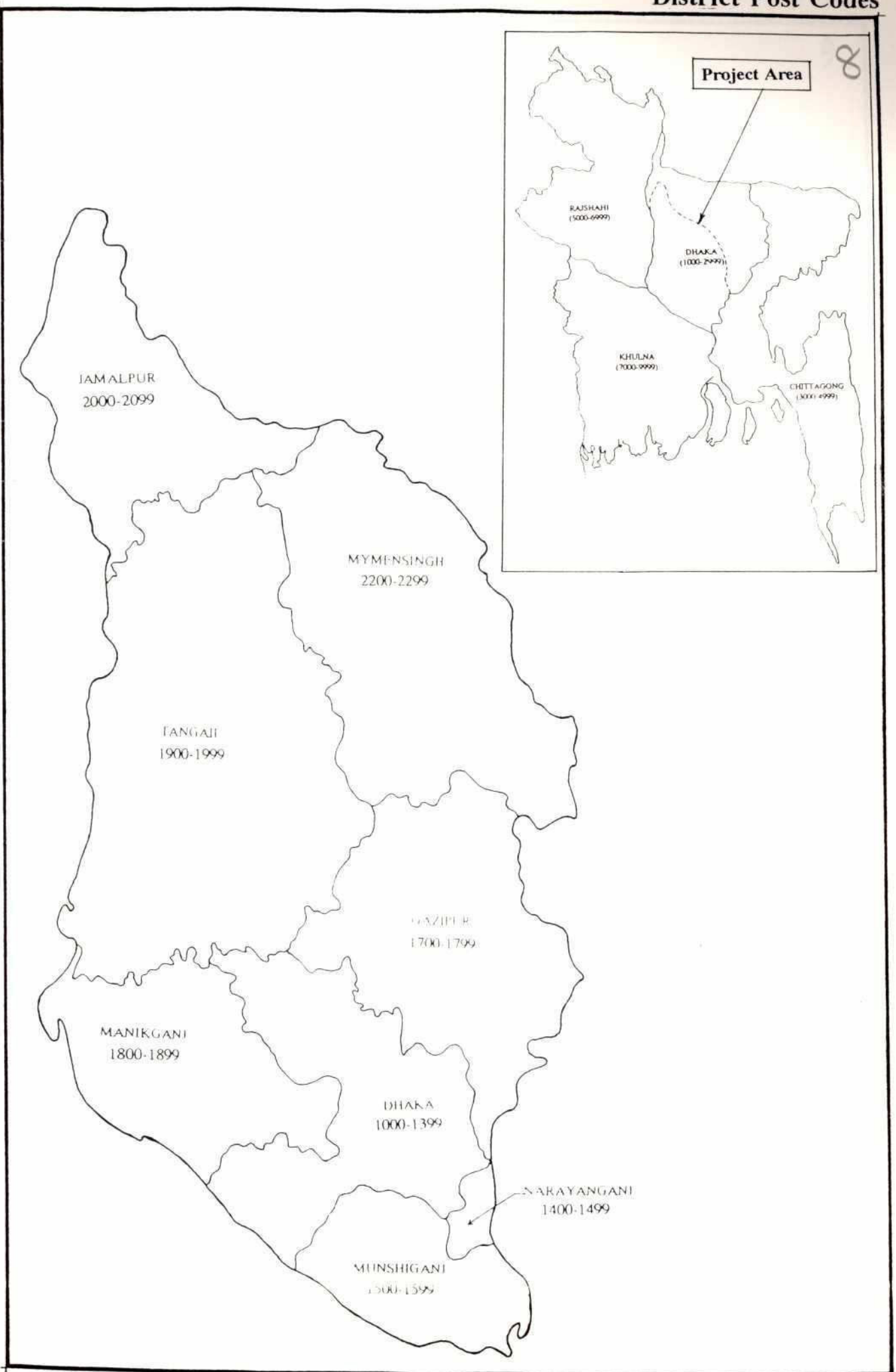


Figure VI.1.2  
Upazila Post Codes

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TABLE VI.1.1

## Post Offices and Post Codes in the NCR

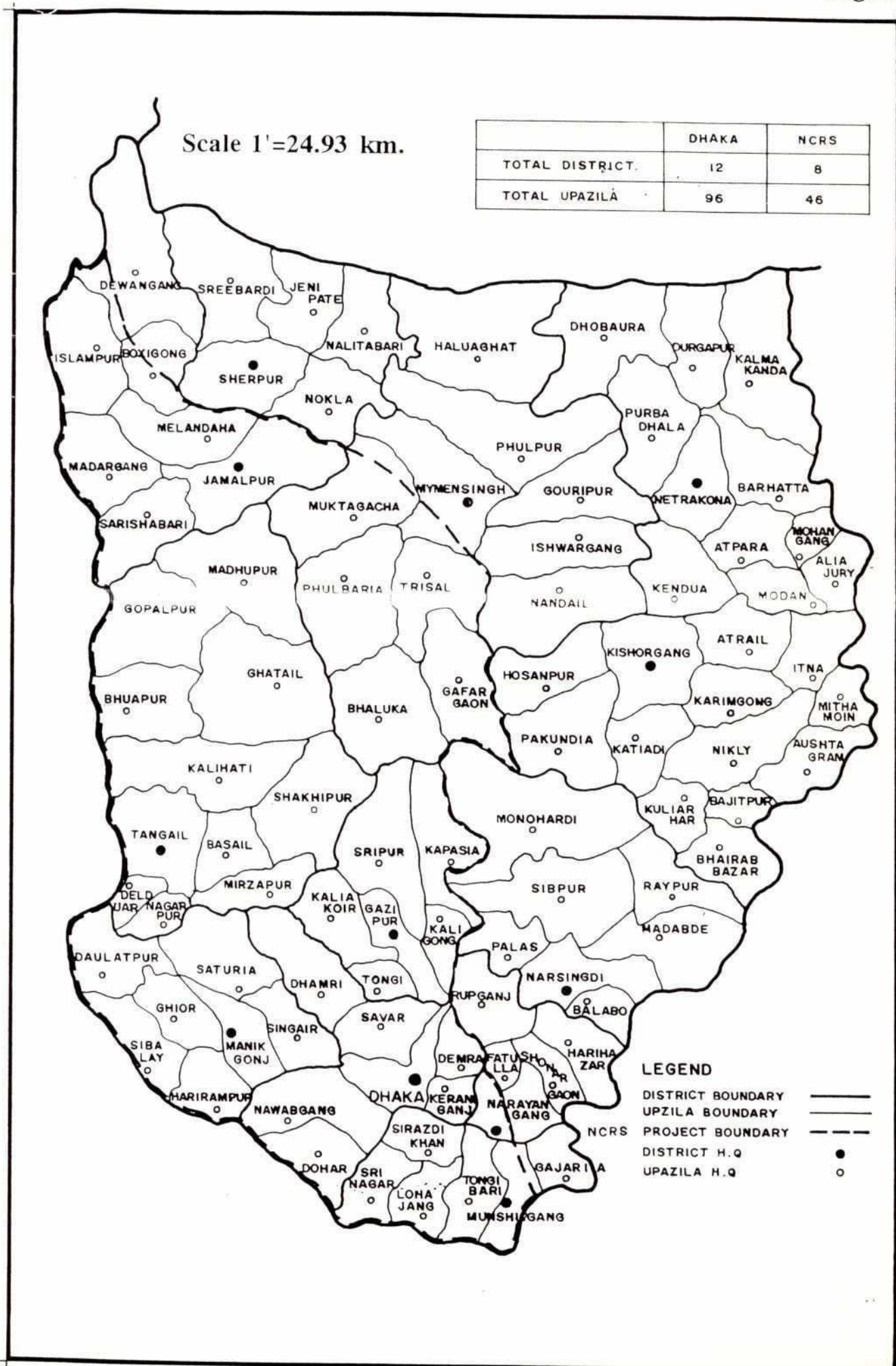
Postal Code	Name of Towns	Postal Code	Name of Towns	Postal Code	Name of Towns	Postal Code	Name of Towns	Postal Code	Name of Towns
	<b>Dhaka District</b>		<b>Dhaka City</b>		<b>Tangail District</b>		<b>Gazipur District</b>		<b>Munshiganj District</b>
1310	Kariganj U.P.O.	1203	Wari T.S.O.	1900	Tangail Head Office	1700	Joydebpur Head Office	1500	Munshiganj Head Office
1311	Dhaka Jute Mills S.O.	1204	Gandaria T.S.O.	1901	Kagmari E.D.S.O.	1701	B.R.L.S.O.	1501	Rikabi Bazar S.O.
1312	Ati E.D.S.O.	1205	Newmarket T.S.O.	1902	Sontos S.O.	1702	Chandana E.D.S.O.	1502	Mirkadam S.O.
1313	Kalata S.O.	1206	Dhaka Cantonment T.S.O.	1903	Kartia S.O.	1703	B.O.F.S.O.	1503	Katakhali E.D.S.O.
1320	Nabaganj U.P.O.	1207	Mohammadpur H. State T.S.O.	1904	Porabari E.D.S.O.	1710	Nonnagar U.P.O. (Tongi U)	1510	Gajaria U.P.O.
1321	Hasnabad S.O.	1208	Dhaka Polytechnic Inst. T.S.O.	1910	Delduar U.P.O.	1711	Nishatnagar S.O.	1511	Hossaini E.D.S.O.
1322	Daudpur S.O.	1209	Jigatola T.S.O.	1911	Jangalia S.O.	1720	Kaliganj U.P.O.	1512	Rasulpur E.D.S.O.
1323	Agla E.D.S.O.	1210	B.D. Sharif T.S.O.	1912	Pathrail E.D.S.O.	1721	Pubail E.D.S.O.	1520	Tongibari U.P.O.
1324	Khulpar E.D.S.O.	1211	Posta T.S.O.	1913	Elasin S.O.	1722	Santanpara E.D.S.O.	1521	Bekahat S.O.
1325	Churain S.O.	1212	Gulshan Model Town T.S.O.	1914	Hinga Nagar E.D.S.O.	1723	Vaowal Jamalpur E.D.S.O.	1522	Balgaon E.D.S.O.
1330	Joypara U.P.O. (Dohar Up.)	1213	Banani S.O.	1915	Lauhati E.D.S.O.	1730	Kapasia U.P.O.	1523	Bajrajogini S.O.
1331	Palanganj S.O.	1214	Bashabo T.S.O.	1920	Basail U.P.O.	1740	Sripur U.P.O.	1524	Hassail E.D.S.O.
1332	Narisha E.D.S.O.	1215	Tezgaon T.S.O.	1930	Khas Kaulia U.P.O.	1741	Rajendrapur E.D.S.O.	1525	Dighirpar S.O.
1340	Savar U.P.O.	1216	Mirpur Section-1 T.S.O.	1936	Nagarpur U.P.O.	1742	Rajendrapur Cant S.O.	1526	Pura E.D.S.O.
1341	Dairy Farm S.O.	1217	Shantinagar T.S.O.	1937	Dubulia S.O.	1743	Barmi S.O.	1530	Louhajang U.P.O.
1342	Jahangir Nagar University	1218	Mirpur Bazar T.S.O.	1938	Solimabad E.D.S.O.	1744	Satkhamair E.D.S.O.	1531	Korhati E.D.S.O.
1343	Savar P.A.T.C.S.O.	1219	Khilgaon T.S.O.	1940	Mirzapur U.P.O.	1745	Kaorail S.O.	1532	Haldia S.O.
1344	Savar Cantonment S.O.	1221	Mirpur Section-12 T.S.O.	1941	Gorai S.O.	1750	Kalikoir U.P.O.	1533	Haridia E.D.S.O.
1345	Shimulia S.O.	1222	Banga Vhaban T.S.O.	1942	S.C. College E.D.S.O.	1751	Shafipur A.T.C.	1534	Gorganj E.D.S.O.
1346	Kashem Cotton Mills S.O.	1225	Sangsad Vhaban	1943	Oarchi Paikpara S.O.			1535	Medini Mondal E.D.S.
1347	Rajful Baria E.E.S.O.			1944	Jamurki S.O.		<b>Manikganj District</b>	1540	Sirajdikhan U.P.O.
1348	Amin Bazar E.D.S.O.			1945	Mohara S.O.	1800	Manikganj Head Office	1541	Kola S.O.
1350	Dhamrai U.P.O.			1950	Sokhipur U.P.O.	1801	Manikganj Bazar E.D.S.O.	1542	Ichapur S.O.
1351	Kalampur E.D.S.O.	1400	Narayanganj Head Office	1951	Kachua U.D.S.O.	1802	Garpara E.D.S.O.	1543	Malikha Nagar S.O.
1360	Demra U.P.O.	1410	Bandar U.P.O.	1960	Bhuapur U.P.O.	1803	Mohadebpur E.D.S.O.	1544	Shekher Nagar S.O.
1361	Sarulia S.O.	1411	D.C. Mills S.O.	1970	Kalihat U.P.O.	1804	Barangail E.D.S.O.	1550	Srinagar U.P.O.
1362	Matuail S.O.	1412	Nabiganj E.D.S.O.	1971	Rajakoir E.D.S.O.	1810	Saturia U.P.O.	1551	Barikhal E.D.S.O.
	<b>Jamalpur District</b>	1413	B.I.D.C.S.O.	1972	Nagbari E.D.S.O.	1811	Baliati S.O.	1552	Majpara E.D.S.O.
2000	Jamalpur Head Office	1414	Madanganj S.O.	1973	Balla Bazar S.O.	1820	Singair U.P.O.	1553	Hasara S.O.
2001	Nandina S.O.	1420	Fatullah U.P.O.	1974	Alenga S.O.	1821	Bayra E.D.S.O.	1554	Dogachi E.D.S.O.
2002	Nurindi E.D.S.O.	1430	Siddirganj Power station U.P.	1975	Palisha E.D.S.O.	1822	Joymontom S.O.	1555	Kumargog E.D.S.O.
2010	Melandha Bazar U.P.O.	1431	Adamji Nagar S.O.	1976	Nagarbari S.O.	1830	Lesraganj U.P.O.	1556	Vaggakul S.O.
2011	Jalapur E.D.S.O.	1432	L.N. Mills S.O.	1980	Ghatial U.P.O.	1831	Jitka S.O.		
2012	Malancha S.O.	1440	Badder Bazar U.P.O.	1981	Jahid ganj E.D.S.O.	1840	Ghor U.P.O.		
2013	Mahmudpur E.D.S.O.	1441	Baranagar E.D.S.O.	1982	D. Pakutia E.D.S.O.	1850	Sibalay U.P.O.		
2020	Islampur U.P.O.	1442	Bardi E.D.S.O.	1983	Dhalapara S.O.	1851	Aricha Ghat S.O.		
2021	Durmut S.O.	1450	Arai Hazar U.P.O.	1984	L.S. Dighi S.O.	1852	Taota E.D.S.O.		
2030	Dewanganj U.P.O.	1451	Gopaldi S.O.	1990	Gopalpur U.P.O.	1853	Uthali E.D.S.O.		
2031	Dewanganj S. Mills S.O.	1460	Rupganj U.P.O.	1991	Jaonil S.O.	1860	Daulatpur U.P.O.		
2040	Madarganj U.P.O.	1461	Kanshon S.O.	1992	Hemngar S.O.				
2041	Galiguri S.O.	1462	Vulta E.D.S.O.	1996	Madhupur U.P.O.				
2050	Sarishabari U.P.O.	1463	Nagri E.D.S.O.		Dhanbari S.O.				
2051	Gunerbari S.O.								
2052	Baushi Bangali S.O.								
2053	Jagannathghat E.D.S.O.								
2054	Pingna S.O.								

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## Dhaka Telecommunication Region





# Microwave and UHF Links

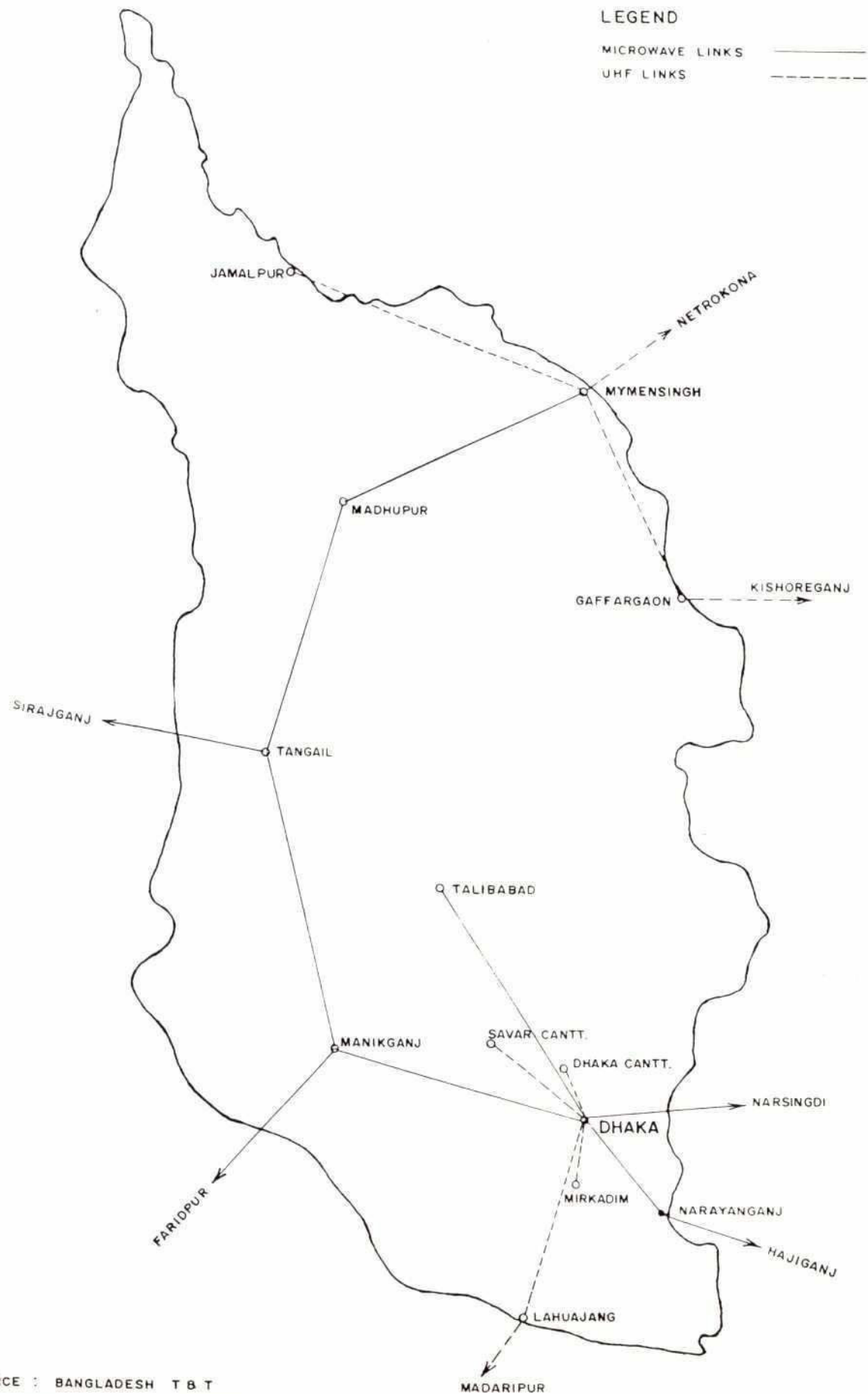
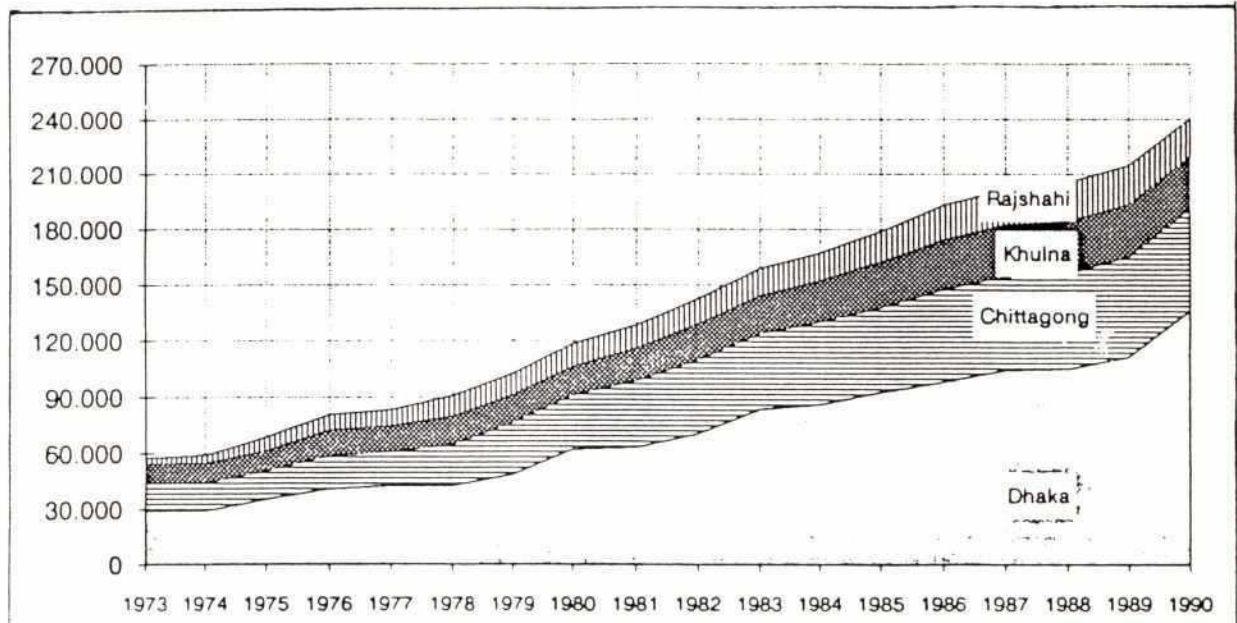


TABLE VI.1.2  
Growth of Different Types of  
Telephone Exchange in Dhaka Region

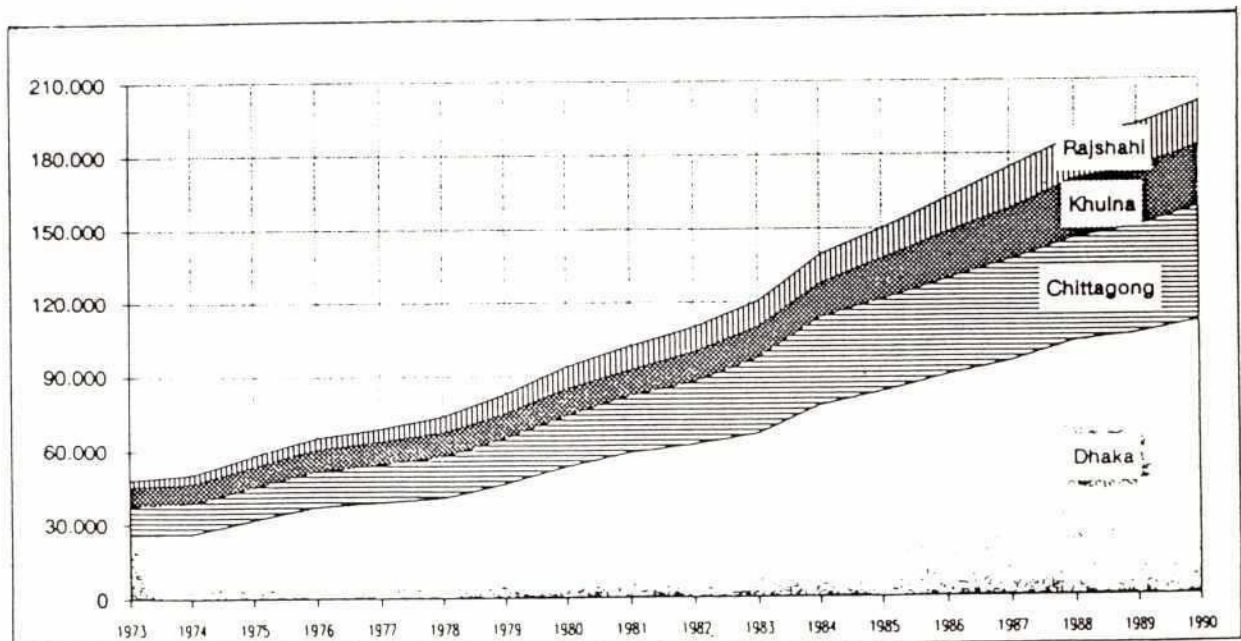
Sl. No.	Exchange Type	Growth in Nrs. (Yearwise)		
		1987-88	1988-89	1989-90
1.	Analog Exchange	29	31	30
2.	Digital Exchange	-	-	06
3.	C.B. Exchange	14	12	12
4.	Magento Exchange	84	84	83
	Total	127	127	131
Exchange Capacity				
1.	Automatic Exchange	699600	104600	129800
2.	Digital Exchange			26000
3.	C.B. Exchange	2670	2650	2760
4.	Magento Exchange	3867	4229	4483
	Total	106137	111479	163043
Direct Connection				
1.	Automatic Exchange	980	100600	100801
2.	Digital Exchange			8526
3.	C.B. Exchange	2608	2351	2510
4.	Magento Exchange	3012	3551	3759
	Total	103677	106502	115596
Extended Connexion				
1.	Automatic Exchange	3520	3525	3600
2.	Digital Exchange			
3.	C.B. Exchange	118	72	72
4.	Magento Exchange	118	114	114
	Total	3756	3711	3786
Application Pending				
1.	Automatic Exchange	61318	65084	68123
2.	Digital Exchange			651
3.	C.B. Exchange	1577	1460	1483
4.	Magento Exchange	1420	1705	1702
	Total	64315	68249	71959

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# Development of Telecommunications



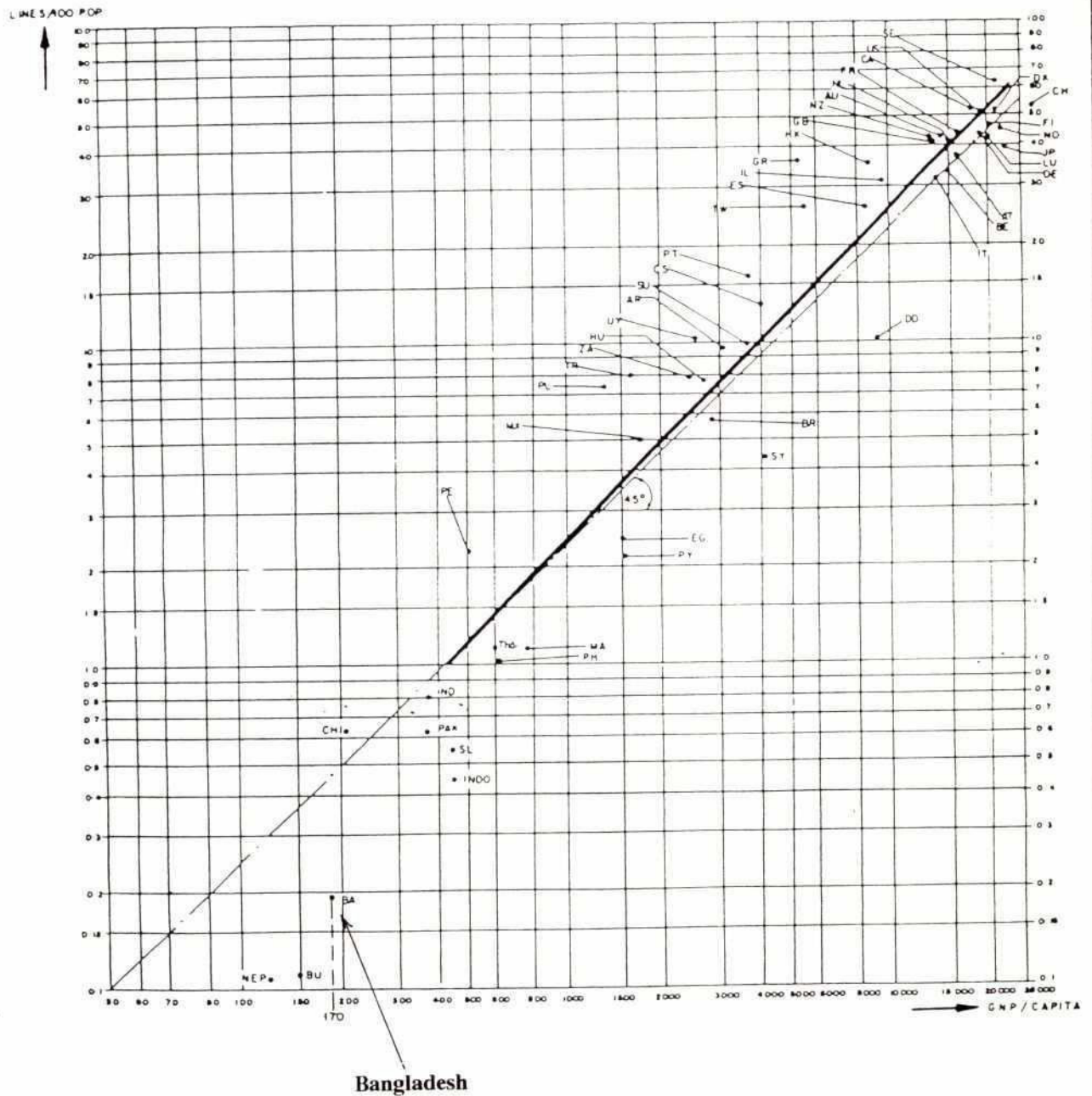
Development of Exchange Capacities by Telecom Divisions, 1973 - 1990



Working Connections by Telecom Divisions, 1973 - 1990



# Lines per 100 Population Versus GNP per Capita





**TABLE VI.13**  
**General Facilities in the Different Planning Units of NCR**

Planning Unit Nr.	Area (ha) (1985)	Total Population (1981)	Educational Institution		Hospitals & Clinics		Hat & Bazars	
			No. (*)	per 1000 persons	No. (*)	per 10000 persons	No. (*)	per 10000 persons
1	89,352	737,706	389	0.53	17	0.23	61	0.83
2	73,963	604,558	289	0.48	17	0.28	64	1.06
3	172,391	1,486,749	887	0.60	48	0.32	27	0.18
4	76,171	589,207	313	0.53	13	0.22	68	1.15
5	212,466	1,139,598	619	0.54	32	0.28	109	0.96
6	144,393	1,006,383	573	0.57	21	0.21	116	1.15
7	90,091	831,126	718	0.86	30	0.36	88	1.06
8	46,066	391,729	207	0.53	19	0.49	39	1.00
9	78,936	661,348	340	0.51	20	0.30	110	1.66
10	67,188	514,328	432	0.84	22	0.43	88	1.71
11	24,986	437,568	327	0.75	10	0.23	21	0.48
12	36,971	3,195,129	369	0.12	18	0.06	45	0.14
13	101,486	1,129,512	785	0.69	37	0.33	111	0.98
NCR	11,84,460	12,72,4,941	6,248	0.49	304	0.24	947	0.74

Note: [\*] Calculated on the basis of Population data of 1981.

[@] Calculated on the basis of Area data of 1985.

Source: SRVI; computed from data obtained from the Bangladesh Population Census 1981, BBS,(GOB).

## CHAPTER 2

### ROADS AND RAILWAYS

#### 2.1 Roads

The NCRS area is covered with a network of roads connecting the capital and serving other parts of the country mainly the major towns and also serving thanas, unions and villages. The roads are classified by Roads and Highways Department (RHD) into 4 categories viz National Highways, Regional Highways, Feeder Roads, and Thana Connecting Road.

The classification by LGED and local authorities differ from the RHD and this study has grouped some of these categories together as shown in Table VI.2.1. The roads are described with their location in respective Planning Units in Table VI.2.2. The length of Roads of different categories falling in each Planning Units are given in Table VI.2.3.

The total length of roads in the project area is 1143.26 km. This contains 417.08 km of National Highways, 37.00 km Regional Highways 162.53 km. Feeder Roads and 526.65 km thana connecting roads. The major road network are shown in Figure VI.2.1. The length of roads in each thana is given in Table VI.2.4.

#### Bridges

Due to natural land configuration of the NCRS area there are may bridges on the main roads and openings & culverts in smaller roads to permit crossing of river and flood water. The bridges on the main roads are given in Table VI.2.5.

- Dhaka-Jamalpur
- Via Joydebpur-Kaliakoir-Mirzapur-Tangail-Ghatail Modhupur.
- Modhupur-Kapasia
- Via Muktagacha, Mymensingh, Trisal, Bhaluka, Salna
- Dhaka-Aricha
- Via Mirpur, Savar, Manikganj, Shibalay
- Dhaka-Mawa
- Via Srinagar, Keraniganj

**Flood Damage to Roads:** Damage occurred to road pavements & structures during the severe flood of 1988 as shown in Table VI.2.6 and in Figure VI.2.2.

#### 2.2 Railways

The Bangladesh Railway system operates with Dhaka as its central point. As Dhaka falls within the NCRS area, the main railway systems is described with linkage to Dhaka. The main lines operating in the project area are:

- Dhaka to Bahadurabad Via Tongi, Gazipur, Mymensingh
- Dhaka to Narayanganj
- Tongi-Bhairab Bazar
- via Rupganj, Narshingdi (upto Rupganj with in the project area)
- Jamalpur-Jagannathganj Ghat
- via Madarganj, Sharishabari



TABLE VI.2.1  
Category and Design Criteria of Roads

Sl. No.	Category of roads (RHD)	Crest width (metre)	Pavement width (metre)	Shoulder width on each side of road (metre)	Definition	NCRS Category
1	2	3	4	5	6	7
1	National Highways (a) Category A (b) Category B	12.20 12.20	6.70 5.50	2.75 3.36	Highways connecting the national capital with divisional headquarters, big towns, port cities & international highways.	National Highway
2	Regional Highways (a) Category A (b) Category B	10.98 10.98	5.50 3.66	2.75 3.66	Highways connecting different regions and district headquarters as well as roads connecting the national highways	Regional Highway
3	District Roads	9.15	3.66	2.75	Roads (other than national and regional highways) which connect different districts, and roads which connect district headquarters with national/regional highways.	Regional Highway
4	Feeder Roads (Type A)	7.32	3.66	1.83	Roads connecting upazila headquarters & important commercial/market places (important growth centres and places of socio-economic importance) with the existing road network.	Feeder Roads
5	Feeder Roads (Type B)	4.88	-	-	(a) Roads connecting one Upazila with another and roads connecting other important rural market places (growth centres) with RHD roads or district headquarters	Feeder Roads
6.	Urban Roads	No Fixed design standard exists. Design standards vary according to traffic volume			Roads within the territorial boundaries of cities/towns and under municipal corporations or municipalities.	Upazila Connection Road
7.	Rural Roads	3.66	-	-	(a) Inter and intra-village roads (b) Village to Union centre roads (c) Farm to market places roads	Upazila Connection Road

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**TABLE VI.2.2**  
**Roads in the NCR**

Sl. No.	Name of Road	Length Km	Location in Planning unit Nrs.
<b>National Highway</b>			
01.	Dhaka-Mirzapur	84.15	6, 8, 12, 8/9
02.	Dhaka-Aricha	75.02	7, 10, 11, 12
03.	Dhaka-Demra	6.84	12
04.	Polder Road	8.32	12
05.	Dhaka-Mawa	35.40	11, 12, 13
06.	Mymensingh-Joydebpur	56.72	3, 5, 5/9, 8/9
07.	Mymensingh-Madhupur	32.18	3, 5
08.	Joydebpur-Tangail-Madhupur	99.75	4, 6, 8, 2/4
09.	Madhupur-Jamalpur	18.70	2, 5
<b>Sub-Total :</b>		<b>417.08</b>	
<b>Regional Highway</b>			
10.	Dhaka-Narayanganj	14.00	12
11.	Tangail-Bhuapur	23.00	4
<b>Sub-Total :</b>		<b>37.00</b>	
<b>Feeder Road</b>			
12.	Masterbari-Mirzapur	5.00	8
13.	Joydebpur Rly. Station	5.50	9
14.	Tongi Rly. Station	1.29	9
15.	Nayrhat-Kaliakoir	16.10	8
16.	Manikganj-Shingair	19.32	7
17.	Aricha-Daskandi	7.65	10
18.	Aricha-Ghior-Nagarpur-Tangail	58.50	6, 10
19.	Demra-Narayanganj	8.66	12
20.	Mawa-Louhajang	8.05	13
21.	Tangail-Charabari*	7.35	6
22.	Kalihati-Ratanganj/Balla	10.84	4
23.	Pakullah-Delduar-Elasin	14.27	6
<b>Sub-Total :</b>		<b>162.53</b>	
<b>Upazila Connecting Road</b>			
24.	Tongi-Ghorasal	26.00	9
25.	Salna-Kapasias	18.50	9
26.	Sreepur-Mawa	8.00	5
27.	Fatullah-Munshiganj-Louhajang	37.80	13
28.	Tongibari-Sirajdikhan	14.00	13
29.	Rampal-Digirpar	17.00	13
30.	Kaliganj-Ajmatpur	9.66	9
31.	Sreepur-Bairagirchala	5.64	5
32.	Munshiganj-Sreenagar	13.36	13
33.	Zinzira-Keraniganj-Dohar	41.00	10, 11, 13
34.	Hemayetpur-Shingair	16.85	7, 11
35.	Manikganj-Jitka-Harirampur	27.50	10
36.	Kalampur-Saturia	23.00	7
37.	Dhamrai Connecting Road	1.40	7
38.	Golora-Saturia	10.10	7
39.	Sreenagar-Dohar	27.00	13
40.	Goffargaon-Bhaluka	21.00	3
41.	Mymensingh-Fulbaria	20.93	3
42.	Bhaluka-Shakhipur	21.00	5
43.	Churkhai-Sutiakhali	6.50	3
44.	Muktagacha-Chuchua	10.00	3
45.	Tangail-Delduar	12.88	6
46.	Porabari-Shalogani-Gopalpur	8.00	2
47.	Tangail-Omarpur*	8.00	6
48.	Gorai-Shakhipur	28.64	5
49.	Tangail-Shakhipur-Basail	28.35	4, 5, 6
50.	Digpait-Islampur-Dewanganj	42.00	1, 2
51.	Jamalpur-Madarganj	22.54	1
<b>Sub-Total :</b>		<b>526.65</b>	
<b>Grand Total</b>		<b>1143.26</b>	

Note:- \* these roads do not belong to RHD



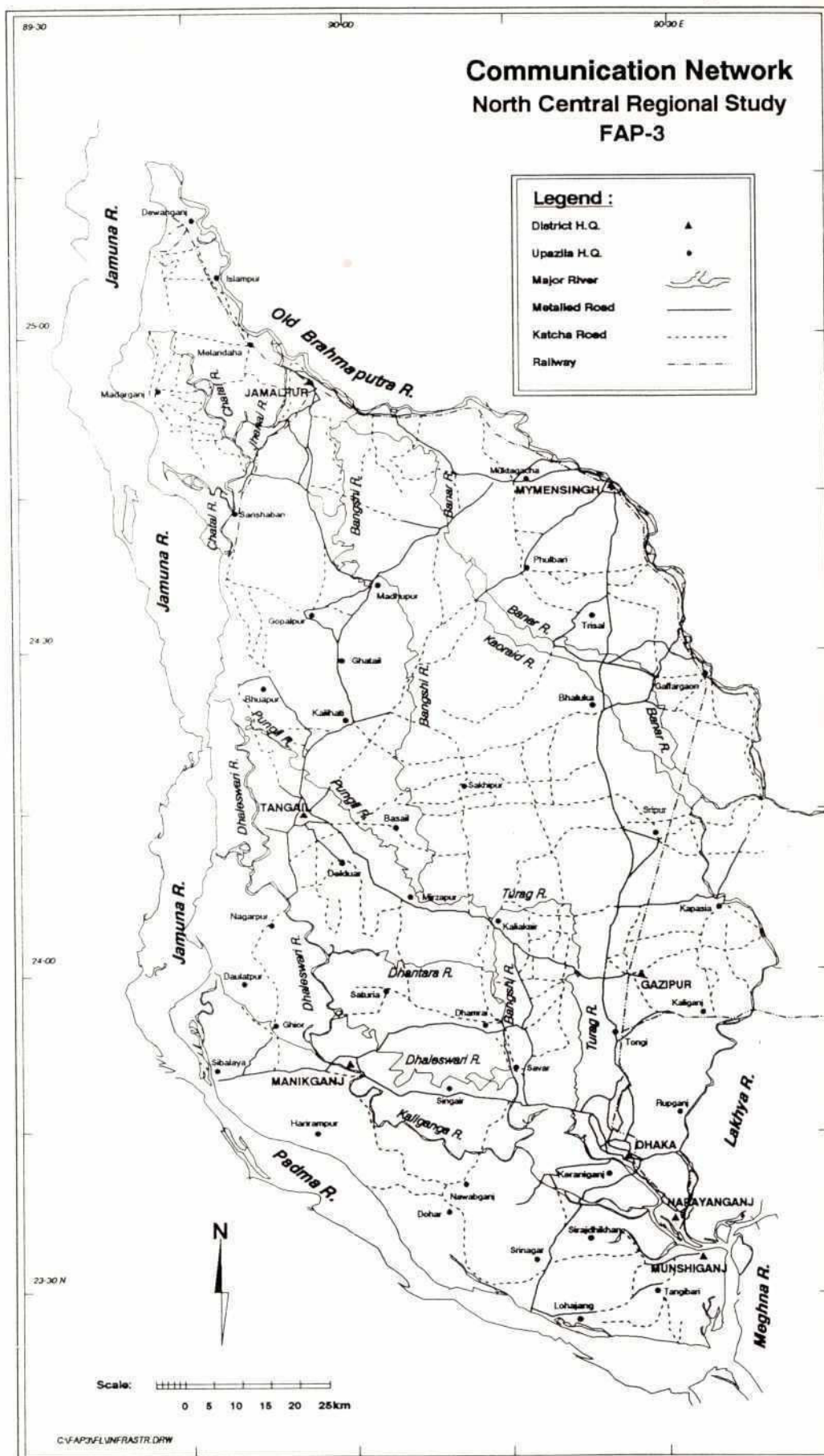
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TABLE VI.2.3  
Length of RHD Road of Different Categories in Each Planning Unit

P.U No.	National Highway (Km)	Regional Highway (Km)	Feeder Road (Km)	Upazila Connecting Road (Km)	Total (Km)	Remarks
1	-	-	-	50.87	50.87	Boundary of unit Nos.2&4
2	16.84	-	-	21.67	38.51	
3	46.38	-	-	58.43	104.81	
4	22.56	23.00	10.84	12.60	69.00	
2/4	14.25	-	-	-	14.25	
5	31.42	-	-	75.88	107.30	
6	58.57	-	77.81	24.03	160.41	
7	34.83	-	19.32	47.61	101.76	
8	50.10	-	21.10	-	71.20	
9	-	-	6.79	54.16	60.95	
5/9	4.86	-	-	-	4.86	Boundary of unit Nos.5&9
8/9	22.73	-	-	-	22.73	Boundary of unit Nos.8&9
10	20.09	-	9.96	30.33	60.38	
11	20.16	-	-	17.88	38.04	
12	55.41	14.00	8.66	-	78.07	
13	18.88	-	8.05	133.19	160.12	
Total	417.08	37.00	162.53	526.65	1143.26	

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Figure : VI.2.1



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TABLE VI.2.4  
Length of Road/Upazila

Name of District	Name of Upazila	Metalled Road (in Miles)	Non-Metlled Road (in Miles)
Dhaka (Except Greater Dhaka City)	Keraniganj	5	224
	Nawabganj	9	368
	Dohar	30	128
	Dhamrai	10.5	66
	Savar	29	120
Gazipur	Gazipur-S	46	316
	Sreepur	19	439
	Kaliakoir	19	318
	Kaliganj	2	164
	Kapasia	4	315
Manikganj	Manikganj-S	0.5	180.5
	Saturai	3	108
	Singair	7	79
	Ghior	10	155
	Daulatpur	-	110
	Shibalya	7	76
	Harirampur	6	76
Munshiganj	Munshiganj-S	6	69
	Serajdikhan	4	262
	Sreenagar	10	-
	Lohaganj	7.50	120
	Tongibari	4	129
	Gazaria	9	37
Mymensingh	Mymensingh-S	30	227
	Muktagacha	22	278
	Phulbaria	11	940
	Trisal	25	429
	Gaffargaon	8	554
	Bhaluka	13	485
Tangail	Delduar	-	-
	Nagarpur	3	190
	Bhuapur	6	90
	Shakipur	3.75	396.25
	Mirzapur	17	225
	Khalihati	16	180
	Basial	10	160
	Gopalpur	7	425
	Ghatail	16	425
	Tangail-S	36	287
	Madhupur	27	450
Jamalpur	Sharishabari	6	113
	Madarganj	0.75	93
	Melendaha	0.5	488
	Dewanganj	17	110
	Jamalpur-S	61	615
	Islampur	12	304
	Bakshiganj	-	79
Grand Total in miles		595.5	11402.3
Grand Total in km		958	18346

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**TABLE VI.2.5**  
**Bridges in the North Central Region**

No. of Bridge	Distance in kilometer	Name of village	Name of Upazila	Name of river or khal or Beel	Information about structure (estimated length)	Remarks
<b>a. Road : Dhaka-Tangail-Madhupur-Jamalpur</b>						
I1	11.80	Tongi	Tongi	Tongi khal	100m, 3 span (To be completed)	
I2	3.80*	Kaliakoir	Gazipur	Koddakhahn	50m, 1 span	
I3	4.50	Kaliakoir	Gazipur	Turag	170m, 5 spans	
I4	5.60	Vailmailer Ban	Gazipur	Konaganda Beel & Khal	140m, 5 span	
I5	21.30	Latifpur	Kalikoir	Dharmer Nadi	90m, 4 spans	
I6	23.00	Hizaltali	Kalikoir	Bansi	220m, 5 spans	
I7	24.80	Tansutkapur	Kalikoir	Shimultaler Bil	100m, 5 spans	
I8	29.60	Goraishoog para	Mirzapur	Kodalia khal	100m, 3 spans	
I9	31.00	Deura	Mirzapur	Deura Bil	120m, 12 spans	
I10	31.70	Deura	Mirzapur	Deura Bil	200m, 30 spans	
I11	31.70	Deura	Mirzapur	Deura Bil	100m, 12 spans	
I12	32.50	Deohata	Mirzapur	Barokhal	80m, 2 spans	
I13	35.00	Bairmati	Mirzapur	Branch of Bansi	100m, 5 spans	
I14	40.00	Sabilla	Mirzapur	Kumilli Bil or Subilli Khal	50m, 3 spans	
I15	43.60	Katora	Mirzapur	Ashmitalar Bil	90m, 1 span	
I16	44.70	Satiachura	Mirzapur	Khagijana	30m, 2 spans	
I17	45.70	Jamurki	Mirzapur	Khagijana	200m, 5 spans	Bridge is on side road
I18	46.20	Jamurki	Mirzapur	Kochukhali (Jamurki Bil)	100m, 2 spans	
I19	53.30	Gulla	Mirzapur	Lohajang River	10m, 1 span	Under construction
I20	55.50	Karatia	Tangail	Karatia Khal	45m, 1 span	
I21	59.00	Bhatpura	Tangail	Lohajang River	30m, 1 span	
I22	66.00	Tangail	Tangail	Baillarkhal	60m, 3 spans	
I23	68.00	Tarabari	Tangail	Bailla Doba	100m, 6 spans	Under construction
I24	68.90	Bikramkhathi	Tangail	Bikramlatir khal	50m, 4 spans	
I25	71.10	Punglia	Tangail	Pungli River	220m, 5 spans	
I26	12.40	Koshajan	Tangail	Galdaho Bil	25m, 3 spans	
I27	74.40	Rayabari	Tangail	Chorarkal	21m, 3 spans	
I28	77.00	Shakhrail	Tangail	Langolia or Nangli	120m, 3 spans	
I29	78.60	Baljani	Tangail	Balijanidah Nadi	100m, 2 spans	
I30	79.30	Banra	Kalihati	Bhunail	50m, 3 spans	
I31	80.10	Bagutiah	Kalihati	Bagntia Khal	100m, 6 spans	
I32	83.90	Hamidpur	Ghatail	Kalikakani	100m, 3 spans	
I33	87.00	Nazumbag	Ghatail	Kum	10m, 1 span	
I34	88.00	Nazumbag	Ghatail	Vuasari Khal	12m, 2 spans	
I35	89.00	Ghungahi	Ghatail	Ghungahi khal	10m, 1 span	
I36	96.00	Bhaniapara	Ghatail	Toke	15m, 3 span	
I37	110.10	Maluri	Modhupur	Bangshi	40m, 3 span	
I38	113.00	Lokalaho	Modhupur	Jehenai	20m, 2 span	
I39	119.00	Dhirambari	Modhupur	Cheraranga	12m, 3 span	
I40	125.00	Kuichamara	Modhupur	Kuichamara	15m, 3 span	
I41	132.00	Natapara	Jamalpur	Chuirabari	12m, 3 span	
I42	140.00	Titpolla	Jamalpur	Dhaleswari	20m, 3 span	
<b>b) Road: Modhupur-Muktagacha-Mymensingh-Trisal-Bhaluka-Salna-Kapasias</b>						
I11	4.00*	Kakrait	Modhupur	Gujakhal	20m, 1 span	
I12	18.00	Basuri	Muktagacha	Banarpar River	21m, 3 span	
I13	34.00	Muktagacha	Muktagacha	Eimankhal	10m, 1 span	
I14	38.00	Kunargata	Muktagacha	Sutia	90m, 5 span	
I15	8.00*	Sikarikanda	Mymensingh	Pakariakhal	20m, 3 span	
I16	10.30	Chukrai	Mymensingh	Chukrai	20m, 3 span	
I17	22.00	Rampur	Trisal	Shatuakhali	20m, 1 span	
I18	28.60	Roybani	Trisal	Khiro River	150m, 3 span	
I19	31.90	Naraynpur	Trisal	Banar Nandi	25m, 3 span	
I10	39.50	Vandabar	Bahaluka	Baksatra	15m, 4 span	
I11	42.90	Khaorail	Bahaluka	Khiro Nadi (Hingo Bil)	170m, 7 span	
<b>c. Road : Rajendrapur - Kapasia</b>						
I12	0.50	Hatalari	Sripur	Sattabari Khal	12m, 3 span	
I13	4.50	Rajbari	Sripur	Pwruia	30m, 7 span	
I14	10.10	Jamirar char	Kapasias	Sutigang	12m, 3 span	

Notes: 1. Distance from Gulshan 2  
2. Distance from Modhupur  
3. Distance from Mymensingh  
4. Distance from Rajendrapur

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TABLE VI.2.5 (Continued)  
Bridges in the North Central Region

No. of Bridge	Distance in kilometer	Name of village	Name of Upazila	Name of river or khal or Beel	Information about structure (estimated length)	Remarks
<b>d. Road : Dhaka - Aricha</b>						
III0	0.80	Balughat	Dhaka	Turag		
III1	2.60	Shalerpul	"	Dead Turag (Shalerpul Khal)	50m, 7 spans	
III2	5.40	Baliarpur	"	Baliarpur khal or Doba	50m, 3 spans	
III3	6.50	Hemayetpur	Savar	Local Khal	20m, 2 spans	
III4	8.40	"	"	Local Khal	20m, 2 spans	
III5	11.20	Ramchandrapur	"	Karnapara	170m, 5 spans	
III6	12.00	Karnapara	"	Karnapara	100m, 6 spans	
III7	26.20	Chagalgram	"	Ingijangail	40m, 12 spans	
III8	27.20	Islampur	"	Bangsi River	200m, 5 spans	
III9	28.05	Dhulivita	Dhamrai	Kajigram	10m, 1 spans	
III10	29.50	Khatra	"	Dead Bansi	200m,	Flood affected
III11	31.10	Kalia	"	Khad (low land)	180m, 11 spans	
III12	32.70	Joypura	"	Hiro Nadi	10m, 1 span	
III13	33.40	Joypura (Daotia)	"	Hiro Nadi	150m, 11 spans	
III14	37.50	Srirampur	"	Dholarkhal	35m, 3 spans	
III15	37.70	Barta + Srirampur	"	Morkhali	40m, 3 spans	
III16	39.00	Srirampur	"	Polli Bil	15m, 5 spans	
III17	40.00	Baitta	"	Tongi Bil	35m, 8 spans	
III18	44.80	Dotara	"	Gazikhali Nadi	120m, 3 spans	
III19	46.70	Dhankora	Saturia	Munshikhali Nadi	15m, 3 spans	
III20	48.30	Gulora	"	Gulorakhal	25m, 3 spans	
III21	49.90	Gulora	"	Dhaleswari	600m,	
III22	53.30	Lahanda	Manikganj	Bakchar bil	25m, 8 spans	
III23	54.30	Manora (Saota)	"	Manikganj Khal	12m, 2 spans	
III24	58.90	Tara	Ghior	Kaligana	700m,	
III25	60.30	Tara	"	Khad (low land)	15m, 3 spans	
III26	65.50	Pukaria	"	Pukaria Bil	10m, 1 span	
III27	67.30	Mahadebpur	Shibalaya	Ichamati	30m, 3 spans	
III28	70.80	Falshaita	"	Falshaita Khal	40m, 3 spans	Flood affected
III29	74.40	Uthali	"	Ichamati Nadi	20m, 3 spans	
III30	74.90	Uthali	"	Gunar	20m, 7 spans	
III31	75.90	Uthali	"	Local Khal	20m, 7 spans	
III32	77.00	Aricha	"	Local Khal	20m, 1 span	
<b>e. Road : Mawa - Dhaka</b>						
LV1	3.0		Srinagar	-	48m, 3 spans	
LV2	5.0		-	-	70m, 3 spans	
LV3	7.0		-	-	25m, 1 span	
LV4	7.4		-	-	-	x
LV5	8.0		-	-	30m, 1 span	x
LV6	8.1		-	-	30m, 1 span	x
LV7	10.0		-	-	20m, 1 span	x
LV8	10.1		-	-	70m, 2 spans	x
LV9	12.0		-	-	20m, 1 span	x
LV10	16.0		-	-	40m, 3 spans	x
LV11	16.1		-	-	15m, 1 span	x
LV12	18.0		-	-	40m,	x
LV13	21.0		-	-	50m	Under Construction
LV14	24.0		-	-	70m	

Note : 5. Distance from Gabtoli Bus Stand  
6. Distance from Mawa

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TABLE VI.2.6  
Flood Damage to Roads in 1988

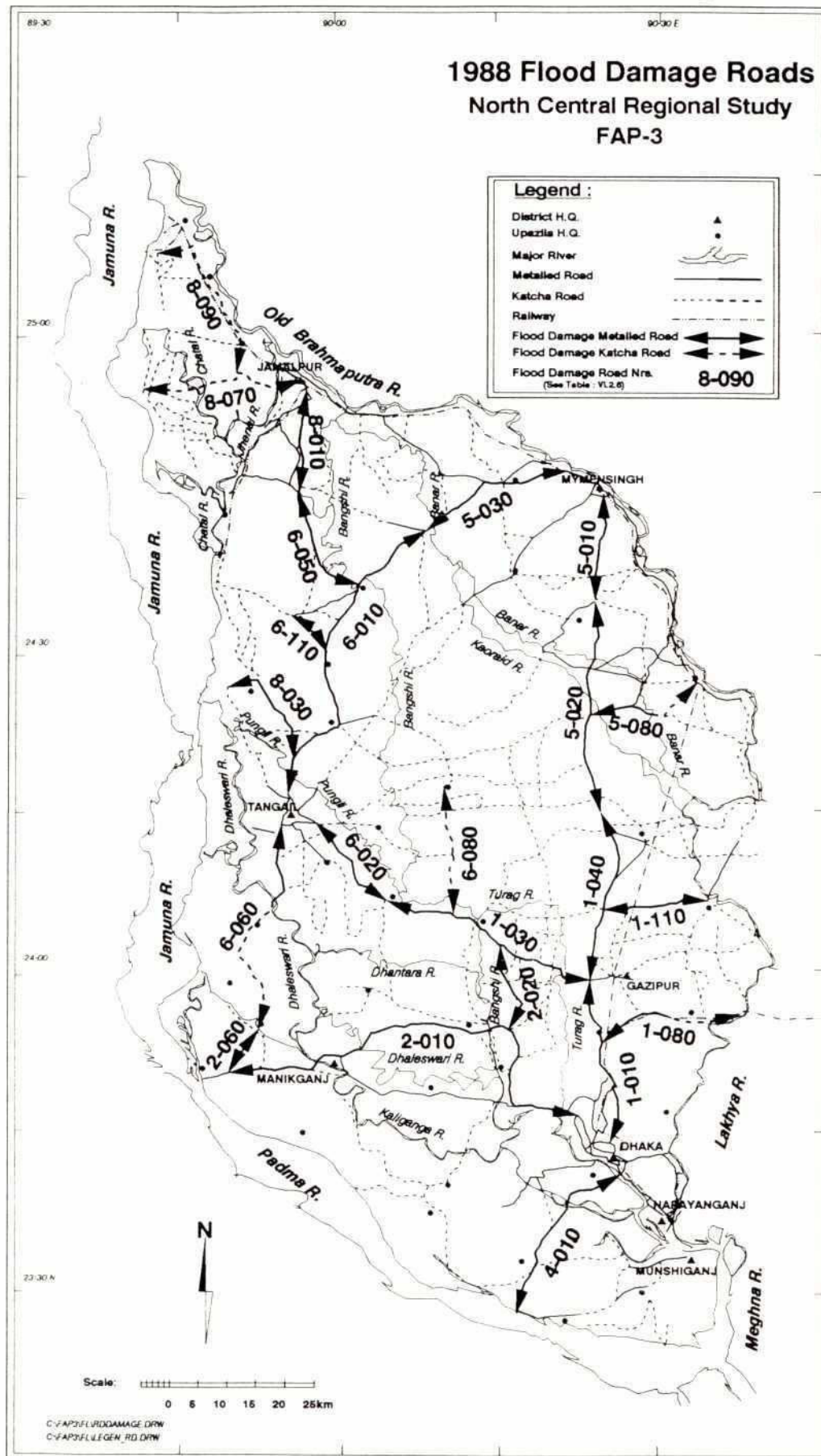
No.	1988 Flood Damage				Flood Height	Pavement with PW	Crest width CW
	Length (Km)	Embankments	Pavement (Km)	Structures			
Section No. R1 : Dhaka-Joydebpur-Bhaluka-Mymensingh							
1-010	27.70	SD = 600m	PD = 5.05	-	0.30 to 0.60	7.32m	11.00m
1-040	34.92	Fair	PD = 8.12	1 BD	0.30 to 0.40	5.64m	14 to 16m
5-020	35.00	Fair	PD = 5.4	1 BD	-	5.43m	-
5-010	20.00	Fair	PD = 3.35	-	-	800m	12.00
Section No. R2 : Joydebpur-Mirzapur-Tangail-Madhupur-Mymensingh							
1-030	26.00	ED = 200m	PD = 5.25	4 BD	0.30 to 1.00	5.49m	8 to 12
6-020	-	-	-	-	-	-	-
6-010	52.00	ED = 3565m	PD = 15.30	-	0.25 to 1.10	5.50m	11.00m
5-030	32.00	-	PD = 4.3	1 BD	-	5.50	700 average
Section No. R3 : Madhupur-Jamalpur-Dewanganj							
6-050	21.35	ED = 1875m	PD = 21.35	1 CD	0.60 to 1.00	2.6 to 5.5	6+ to 12
8-010	-	-	-	-	-	-	-
8-090	42.00	ED = 6635m	PD = 5.825	6 CD	0 to 0.30	3.66	7.00
Section No. R4 : Dhaka-Nayerhat-Aricha							
2-010	75 km	SD = 71.7K	PD = 73.9	14 BD	0.75 to 1.00	6 to 7m	11.6m
Section No. R13 : Nayerhat-Kaliakair							
2-020	16.41 km	SD = 9.56km	PD = 15.60	2 BD	0.6 to 1m	5.43 to 3.66	7.31
Section No. R14 : Bhalika-Gaffargaon							
5-090	21 km	ED = 676m	PD = 2.35	-	0.30 to 1.00	3.65m	5.00m
Section No. R15 : Salna-Kapasias							
1-110	13.00 km	-	PD = 5.84	3 BD	0 to 0.30m	3.05 to 5.45	6 to 11.00
Section No. R16 : Tongi-Kaliganj							
1-080	20.70 km	ED = 2.200	PD = 10.7	3 BD	0.15 to 0.90	3.05 to 6.00	6.05 to 11.00
Section No. R5: Tangail - Aricha							
6.060	33	ED = 33	PD = 19	6 BD	1 m	3.60	4.40
2.080	24.25	SD = 7.920	PD = 11.125	2 BD	1 to 1.20 m	3.66	7.30
Section No. R6: Dhaka - Mawa							
4.010	32	SD = 0.600 ED = 170.0	PD = 59.58	6 BD	0.6 to 0.75	5.50	12.20
Section No. R7: Madarganj - Jamalpur							
8.070	23	ED = 0.567	PD =	5 BD	0.10 to 0.45	-	7.00
Section No. R9: Porabari - Gopalpur							
6.110	7.60	ED = 0.9	PD = 7.6	3 BD	0.90 to 1.00	3.60	7.20
Section No. R10: Elanga-Bhuapur-Chargabsara							
6.030	23	ED = 2.3	PD = 11.3	2 BD	0.50	5.50	9.50
Section No. R12: Elanga-Bhuapur-Chargabsara							
6.080	28	ED = 0.680	PD = 2.9	-	0.30 to 1	3.60	6.60

Source: Phase 1 - Reconnaissance study

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Figure : VI.2.2



The lines from Tongi to Jamalpur and Dhaka to Narayanganj and Tongi to Narshingdi are single line tracks. The remaining are double line tracks. The total length of double tracks are:

• Dhaka to Tongi	22.94 km
• Jamalpur to Bahadurabad	46.06 km
• Jamalpur to Jagannathganj	37.62 km

The Railway network has a total length of 289 km in the project area, see Figure VI.2.1. The railway tracks in the country are of two types (metre gauge and broad gauge), however within the NCR all the tracks are of metre gauge.

In the NCR the metre gauge sections area :

• Tongi - Gafargaon	35 km
• Mymensingh-Jamalpur	54 km
• Jamalpur-Bahadurabad Ghat	40 km
• Tongi-Ghorasal	26 km
• Tongi-Dhaka	45 km

---

**Total: 289 km**

The top width is 20' and the distance between the lines is 5'-6". The crest width of metre gauge is generally 4.9m (16) with side slopes 2:1.

The long profiles of the above sections are given in Figures VI.2.4 to VI.2.8 (dated 1988). These sections have been checked with Chief Engineer Railway, Chittagong in March 1992.

The Railways were built on high embankments with sufficient bridges and culverts. The construction period was end of 19th or early 20th century. With the passing of years many changes have occurred. Population has increased with more pressure on land use. Unplanned construction of embankments & roads have criss-crossed the drainage basin, giving rise to higher water level, causing damage to the embankments & structures in abnormal flood years. The devastating flood of 1988 caused severe damage to railway line in NCRS area. In places the embankments were overtopped, breaches occurred & bridges were washed away. The damage occurred due to 1988 flood are given in Table VI.2.7 and a schematic diagram is given as in Figure VI.2.3.

The two ferry ghats at Bahadurabad & Jagannathganj are constant headaches for the Railway Department to maintain. They are subject to frequent changes due to erosion and movement of river banks. The cost of maintenance of these ghats are given in Table VI.2.8. The seven year statistics shows that the average annual maintenance cost is approximately Taka 18 million.

The situation may change on completion of proposed Jamuna Bridge. It is prepared that the railway will have direct linkage to Jamuna Bridge and that Jagannathganj ghat will as longer be required. For this purpose the Railway Department has submitted a proposal to the Government of Bangladesh for a new line connecting Jamuna Bridge for a length of 45 km from Baira to Jamuna Bridge. The proposed alignment is shown in Figure VI.2.9. The Proposal has been submitted to Government of Bangladesh in March 1990 - by Bangladesh Railway.

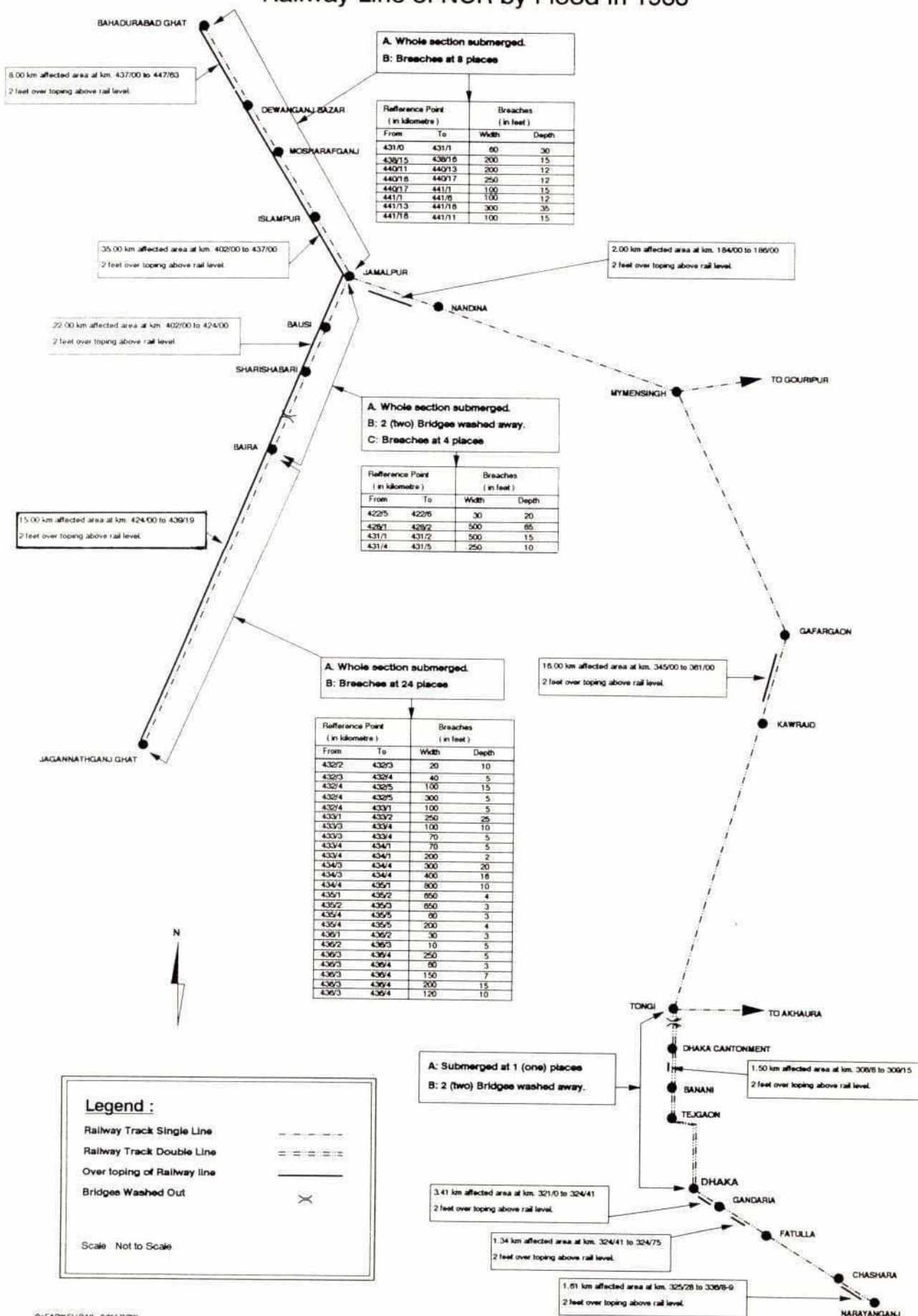
### **Railway Bridges**

Details of railway bridges have been obtained from Bangladesh Railway. Baushi bridge is significant for the flooding patterns of PUs 1,2 & 4 and its cross section is therefore shown in Figure VI.2.10.



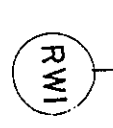
Figure : VI.2.3

# Schematic Diagram for Showing Affected Area of Railway Line of NCR by Flood in 1988





**Long Section of Railways  
Tongi - Mymensingh**



SECTION NO.-2, GAFFARGAON - MYMENSINGH

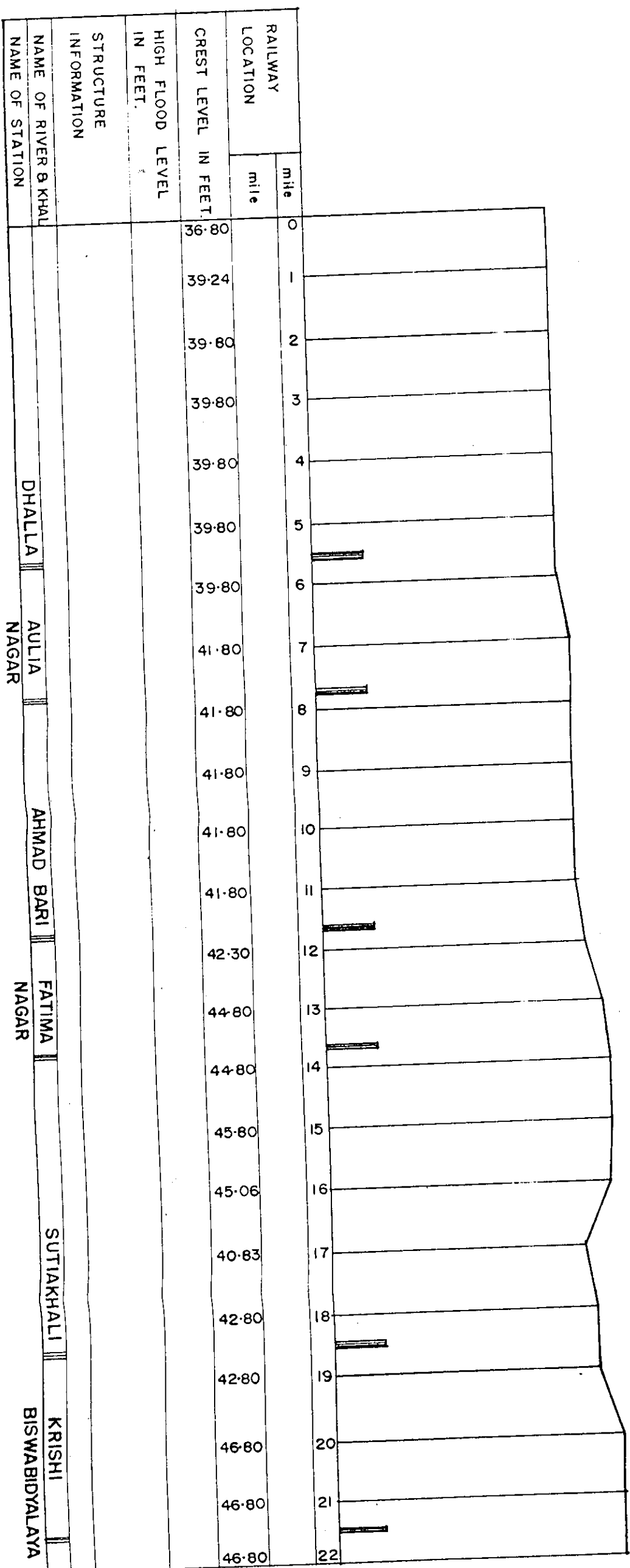


Figure VI.2.5

# Long Section of Railways Mymensingh - Jamalpur

30

## SECTION NO.-3, MYMENSINGH - JAMALPUR

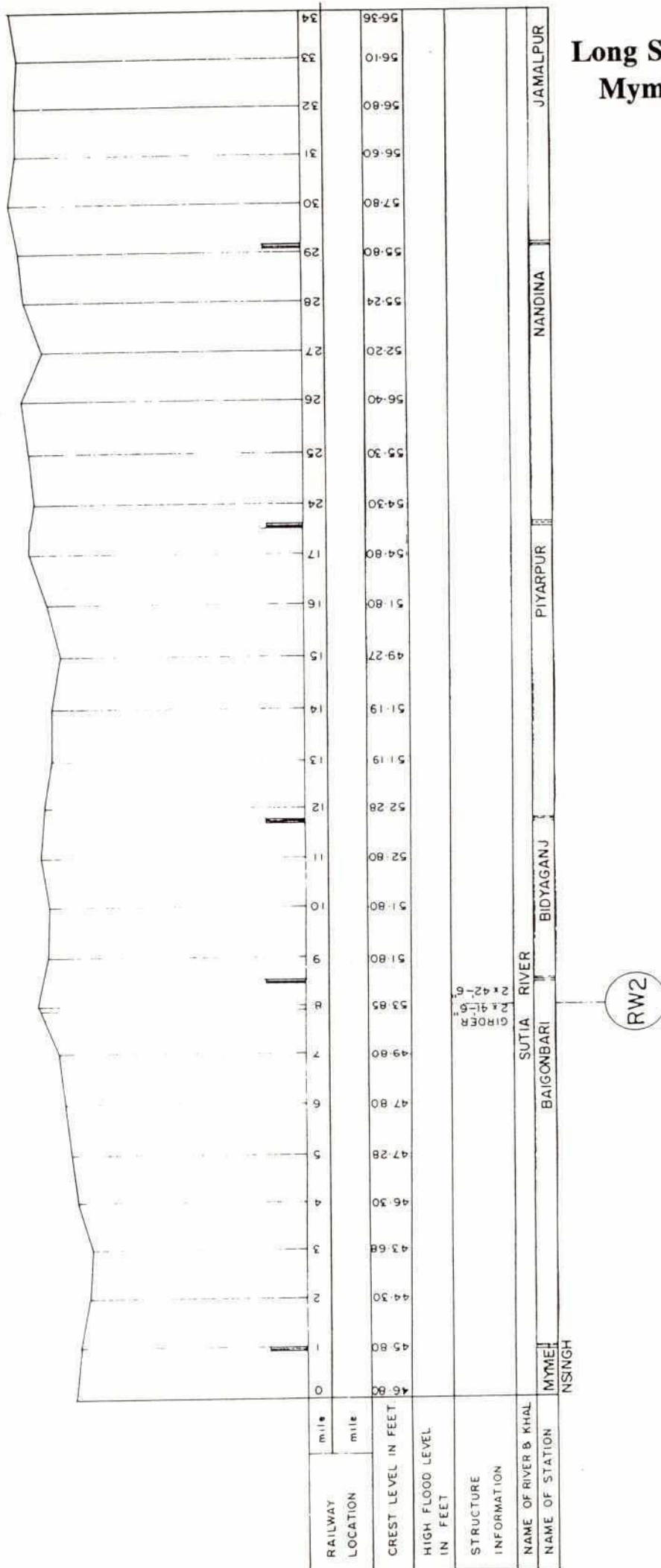
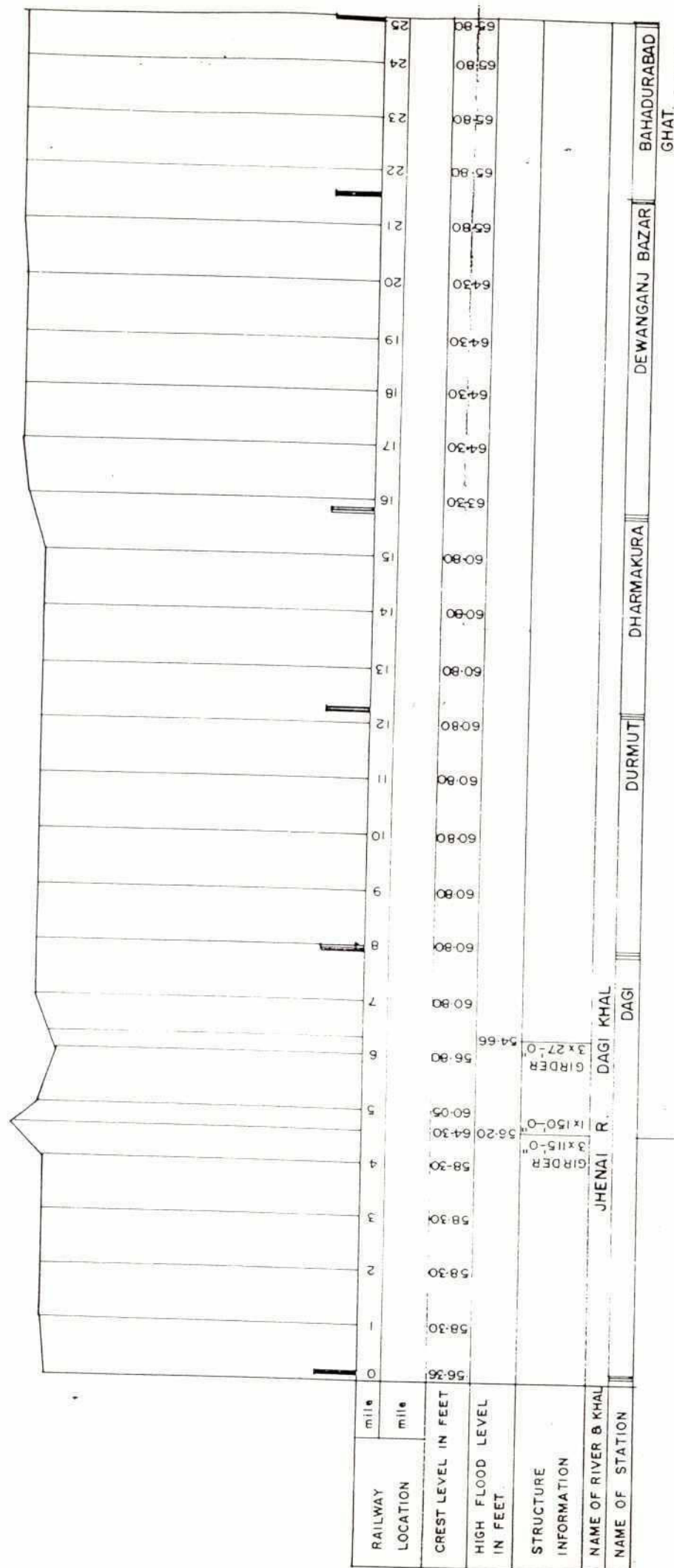


Figure VI.2.6

Long Section of Railways  
Jamalpur-Bahadurabad Ghat

31

SECTION NO.-4, JAMALPUR - BAHADURABAD GHAT



RW3

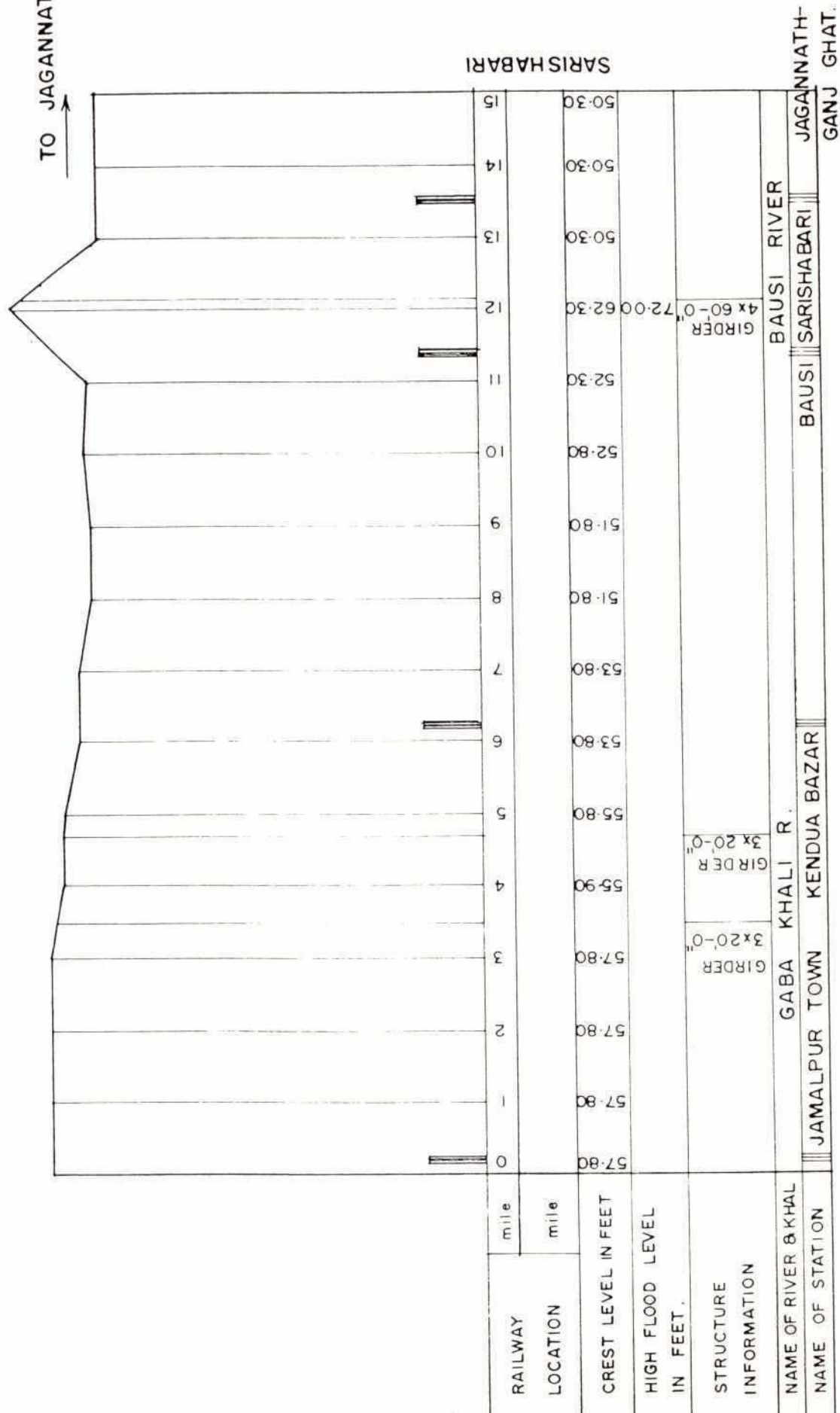


# Long Section of Railways Jamalpur - Sarishabari

32

## SECTION NO. - 5, JAMALPUR - SARISHABARI

RW2



# Long Section of Railways Ghorashal - Tongi

## SECTION NO. - 6 , GHORASHAL - TONGI .

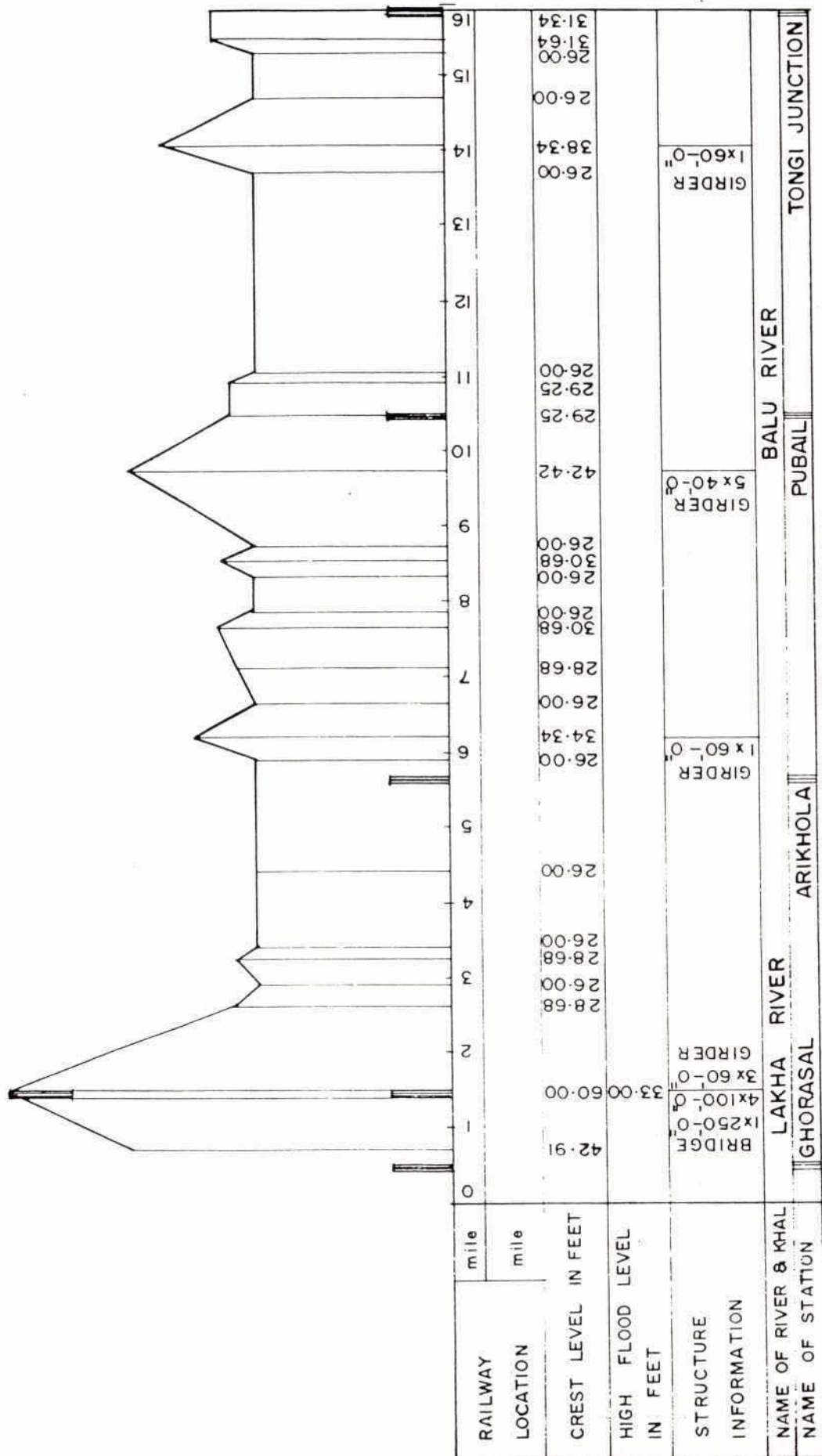


TABLE VI.2.7  
Damage to Railway Line by 1988 Flood in NCR

Railway Section	Damage Type	Size		Location at Km	Remarks
		Width ft	Depth ft.		
1. Bahadurabad-Jamalpur (447.63 Km 401.57 Km)	Breach	100.00	15.00	441.60 - 442.11	The whole line was over topped by 0.2'-0" of water
	Breach	300.00	35.00	441.13 - 441.16	"
	Breach	100.00	12.00	441.10 - 441.60	"
	Breach	100.00	15.00	440.17 - 441.10	"
	Breach	250.00	12.00	446.16 - 440.17	"
	Breach	200.00	12.00	440.11 - 440.13	"
	Breach	200.00	15.00	438.15 - 438.16	"
2. Jamalpur-Jagannathganj (401.57 - 439.19)Km	Breach	30.00	20.00	442.50 - 422.60	"
	Breach	500.00	65.00	428.10 - 428.20	"
	Breach	16'x2	Span	428.00	"
	Breach	10'x1	Span	428.00	"
	Breach	500.00	15.00	431.10 - 431.20	"
	Breach	250.00	10.00	431.40 - 431.50	"
	Breach	20.00	10.00	432.20 - 432.30	"
	Breach	40.00	5.00	432.30 - 432.40	"
	Breach	100.00	15.00	432.40 - 432.50	"
	Breach	300.00	5.00	432.40 - 432.50	"
	Breach	100.00	5.00	432.40 - 435.10	"
	Breach	250.00	25.00	433.10 - 433.20	"
	Breach	100.00	10.00	433.30 - 433.40	"
	Breach	70.00	5.00	433.30 - 433.40	"
	Breach	70.00	5.00	433.40 - 434.10	"
	Breach	200.00	2.00	433.40 - 434.10	"
	Breach	300.00	20.00	434.30 - 434.40	"
	Breach	400.00	16.00	434.30 - 434.40	"
	Breach	800.00	10.00	434.40 - 435.10	"
	Breach	650.00	4.00	435.10 - 435.20	"
	Breach	650.00	3.00	435.20 - 435.30	"
	Breach	60.00	3.00	435.20 - 435.30	"
	Breach	200.00	4.00	434.40 - 434.50	"
	Breach	30.00	3.00	436.10 - 436.20	"
	Breach	10.00	5.00	436.20 - 436.30	"
	Breach	250.00	5.00	436.30 - 436.40	"
	Breach	60.00	3.00	436.30 - 436.40	"
	Breach	150.00	7.00	436.30 - 436.40	"
	Breach	200.00	15.00	436.30 - 436.40	"
	Breach	120.00	10.00	436.30 - 436.40	"
3. Jamalpur-Mymensingh (401.57km - 349.29km)	Submerged	-	2'	184.00 - 186.00	-
4. Mymensingh-Tongi (349.29-297.85)Km	Submerged	-	2'	345.00 - 361.00	-
5. Turag-Dhaka (297.85-320.79)Km	Bridge	3x60+1x50	Span	299.40 - 299.50	Bridge No-42 (ap)
	Submerged	3x60+1x49	Span	299.40 - 299.50	Bridge No-42 (Dp)
6. Dhaka-Narayanganj (320-79-336.89)Km	Submerged	-	2'	3210.0 - 324.40	
	Submerged	-	2'	324.40 - 324.70	
	Submerged	-	2'	325.20 - 336.80	

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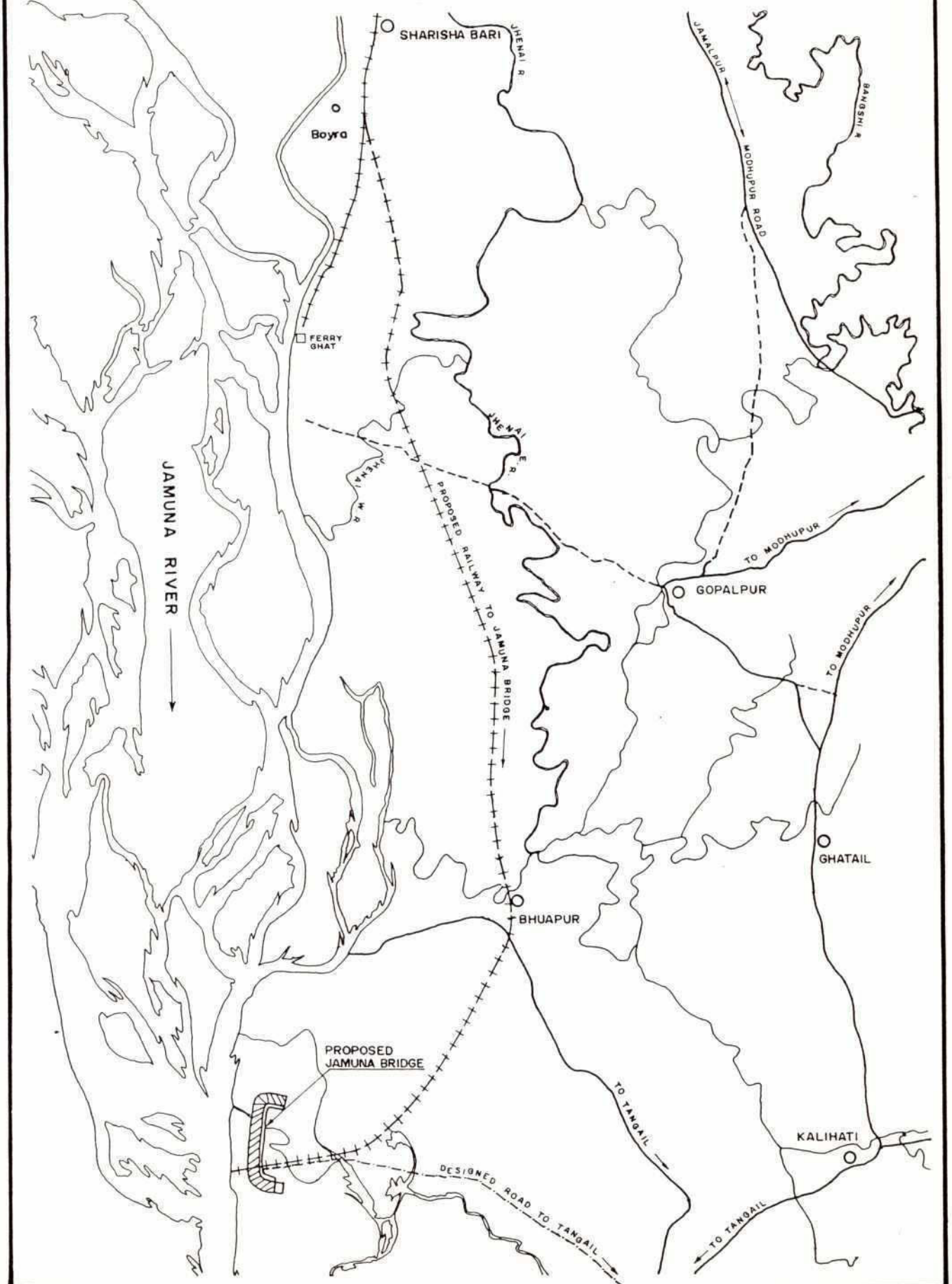


**TABLE VI.2.8**  
**Maintenance Cost of Ghats (Tk.Lac)**

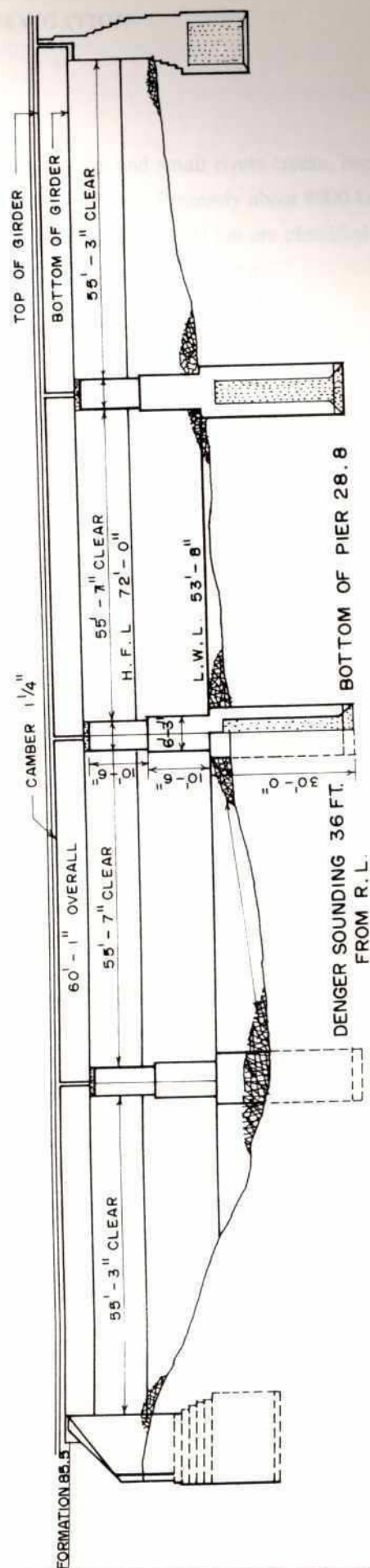
Year	Jagannath Ghat			Bahadurabad Ghat		
	Normal Cost	Shifting Cost	Total Cost	Normal Cost	Shifting Cost	Total Cost
1982-83	35.80	--	35.80	62.42	--	62.40
1983-84	18.63	--	18.63	21.99	233.82	255.81
1984-85	26.40	--	26.40	75.26	--	75.26
1985-86	13.60	--	13.60	61.04	--	61.04
1986-87	14.30	--	14.32	99.44	--	99.44
1987-88	12.46	21.50	33.96	35.30	96.95	132.25
1988-89	--	--	292.14	61.10	71.50	133.60
Total (7 years)			434.85			819.82
Average			62.12			117.11

Note : Combined Average Annual Maintenance Cost Tk.179.23 Lacs or approximately Tk.18 million

**Proposed Railway Alignment from Boyra to Jamuna Bridge**  
**NCRS, FAP-3**



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## CHAPTER 3 NAVIGATION

### 3.1 Navigation

Bangladesh is a riverine country with a dense network of large and small rivers creeks, beels & haors. The easiest and cheapest means of transport for the rural population is by boat. Presently about 8000 km is navigable by large sized mechanised vessels during the wet season. Out of this almost 6,000 km are classified routes. This is reduced to 4,800 km during dry season bringing the classified routes down to 3,600 km.

### 3.2 Classification of Waterways

#### Criteria for Classification

The importance of an inland waterways is determined primarily by the nature and volume of goods or the number of passengers handled in terminal areas or ports. The mechanised (large size) cargo vessels (to be) utilized for the "large volume" and "long distance" transport flows are the determining factor in classifying waterways. This implies that the loaded "draught" characteristics of the (mechanised) cargo vessels determining the Least Available Depth (LAD) requirement, should be the leading criterion in route classification, see Table VI.3.1.

#### Classification

The inland waterways transport system consists of a 'hierarchy' of routes, see Figure VI.3.1 as follows:

- Class I: comprising the (perennial) Routes configuring the propeller-shaped spine of the system that inter connects Chittagong/Dhaka/Narayanganj (and extending to Bhairab Bazar/Ashuganj) - Khulna/Mongla via Barisal (Ilsaghat/Hizla) where the largest LAD of 3.60-3.90m (12-13ft) is to be maintained all year round, with a total length of nearly 685km.
- Class II: Routes (perennial) linking the major ports for the North- west and North-east hinterlands. i.e. Baghabari/Nagarbari (and further north to Chilmari) and Sylhet Region, to the Class I Routes where the next highest LAD of 2.10-2.40m of (7-8 ft) is to be maintained all the year round with a total length of 1,000 km.
- Class III: Routes, where it is usually not feasible to maintain perennial routes with a LAD exceeding 1.50-1.80 m (5-6 ft), either 'transit routes' such as: Zakiganj-(Fenchuganj)-Ajmiriganj-Dilalpur (Kushiyara - and Kalni R.) or 'feeder' routes connected with Class I or II routes (e.g. stretches of Kanagsa R.: Titas R.: Lakhya R.: 'Route around Dhaka':Karnafuli R.: and the 'tidal' rivers in the south-west/central region; with a total length of slightly less than 1,900 km.

**TABLE VI.3.1**  
**Navigation Route Classification and Lengths**

Class	LAD(m)	National(km)	NCR(km)
1 - Perennial routes	>3.5	683	52
2 - Perennial routes	>2.1	1000	190
3 - Seasonal routes	>1.5	1885	105
4 - Seasonal	<1.5	2400	400

Source : BIWTA 1989

**TABLE VI.3.2**  
**Navigation Types of River Routes**

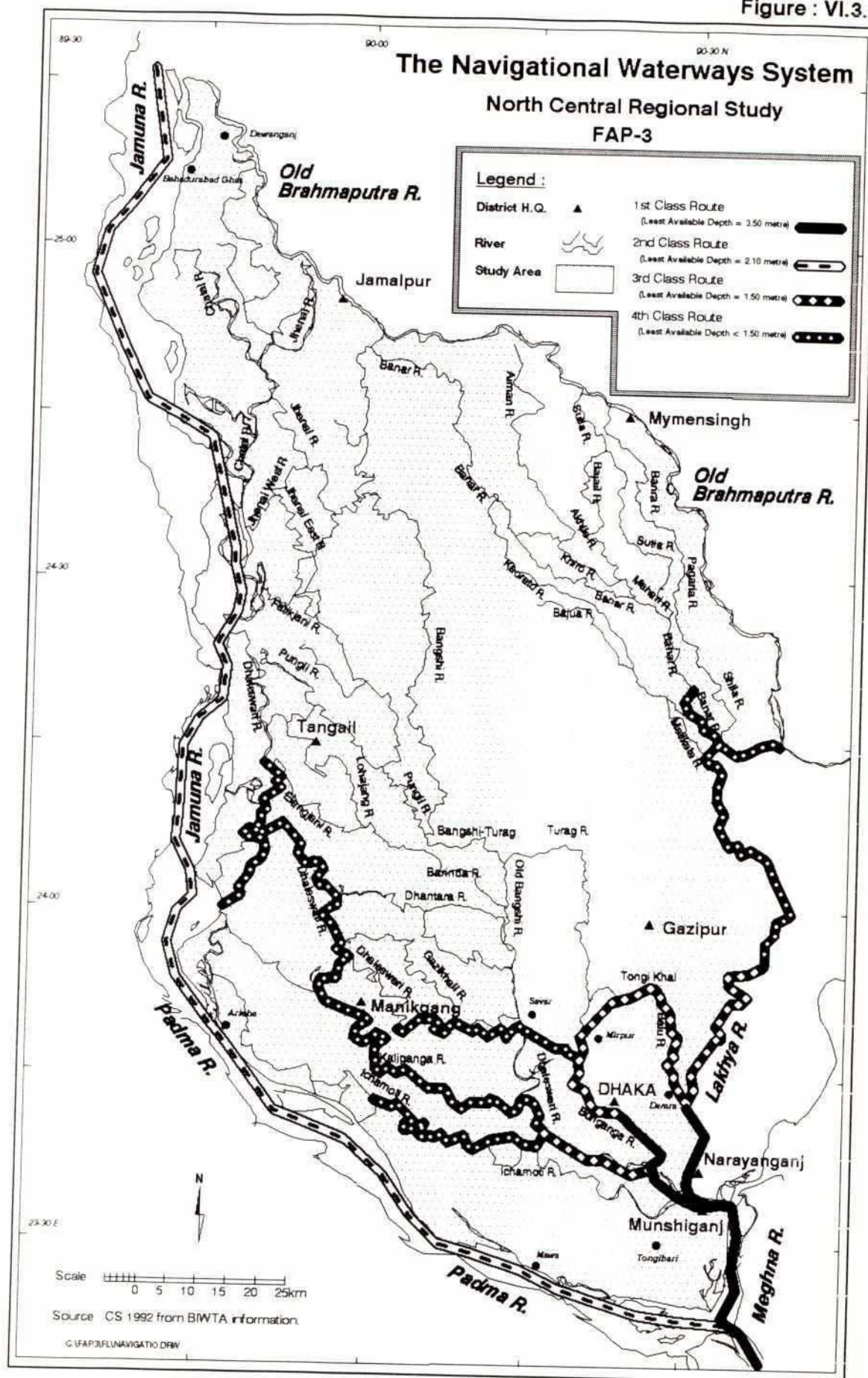
		Route	River	Length
Class I Routes (LAD = 3.5m)				
	(a)	Dhaka-Chittagong	Buriganga-Lakhya	30 km
	(b)	Demra-Narayanganj	Dhaleswari-Meghna	22 km
Class 2 Routes (LAD = 2.1)				
	(a)	Tongibari-Dewanganj	Padma-Jamuna	190 km
Class 3 Routes (LAD = 1.5m)				
	(a)	Demra-Ghorashal	Lakhya River	37 km
	(b)	Dhaka-Mirpur	Turag River	53 km
	(c)	Buriganga mouth Saidpur	Dhaleswari	15 km
Class 4 Routes (LAD <1.5m)				
	(a)	Ghorashal-Toke	Lakhya, Old Brahmaputra	62 km
	(b)	Sadar-Nayarhat Dhamrai	Baushi River	10 km
	(c)	Mirpur - Savar	Kamapare Dhaleswari	15 km
	(d)	Rustampur-Kaliakoir	Turag River	55 km
	(e)	Saidpur-Singair	Dhaleswari	80 km
	(f)	Katpatty-Gourganj	Ichamoti River-Taltala	22 km
	(g)	Saidpur-Sreenagar	Ichamoti River	18 km
	(h)	Saidpur-Salna	Dhaleswari River	10 km
	(i)	Bahadurabad	Old Brahmaputra	22 km
	(j)	Paragaon-Tara-Shijani	Dhaleswari River	86 km
	(k)	Toke-Kaoraid	Banar/Kaoraid River	20 km

Note : LAD = Least available depth

Source : BIWTA 1989



Figure : VI.3.1





Class IV: Routes ('feeders') basically seasonal routes, where it is not feasible to maintain a LAD of 1.50 m (5ft) in the dry season, with a total length of about 2,400 km.

Clearly, a number of routes need to be improved in order to meet the proposed classification standards, notably Class II and Class III routes which are at present seasonal routes (Kushiara- and Kangsa rivers, the 'Route Round Dhaka', etc).

In terms of network lengths, the classified perennial routes (Class I, II and III) would eventually amount to almost 3600 km, and classified, largely (90%) seasonal routes to almost 2400 km altogether almost 6000 km.

### Description of Routes

The classified waterways that interconnects the terminal areas (ports) are called Routes. They are named after the connected places of traffic generation. The navigation routes are not confined to one waterway or just one river. All routes pass through a number of rivers of different depth and width.

The routes are classified into the following groups:

#### Class I

**Class I:** Routes are the main arteries of traffic flow and are the major concern of BIWTA as regards conservancy and maintenance. The users shall have a guarantee to the specified navigability within reasonable limits throughout the year. This is attained by dredging the channels or banadalling as required. The routes with their present LAD are given in Table VI.3.1 whereas a detailed description of the routes and their sections is presented in Annex 1.3.4.2 A R.1.3 Annexes to Maps of Phase I NCRS Reconnaissance Report.

The total length of above 6 Nrs. class 1 routes are 1139 km of which only a small part lies in NCRS area. These are Dhaka/Narayanganj portion of the SI. Nrs. 1 & 2 above. One course commence at Dhaka port following along the Buriganga river to the Dhaleswari river, the other commence at Narayanganj port via Sitalakhya river. The second route coming downstream from Dhaka/Narayanganj proceeds southward to the Meghna river.

#### Class II

**Class II** Routes are important traffic links, see Table VI.3.2. The necessary aids for navigation shall be provided such as marking of channels by buoys and beacons and notification of depths. But no guarantee can be given for the availability of the specified depth throughout the year. Dredging may be carried out incidentally to be determined case-by-case.

#### Class III

**Class III** Routes are traffic links of regional importance. BIWTA carries out (simple) channel markings as required. The specified Route navigability may be expected during the greater part of the year. There are fourteen routes under this category, see Table VI.3.2

#### Class IV

These are called feeder routes. They are basically seasonal routes where it is not feasible to maintain a LAD of 1.5 (5ft) in the dry season. In total there are 2400km in the country under this class distributed in 45 Nrs. of routes. Of these there are only eleven (11) routes covering a length of 400 km in the NCRS area, see Table VI.3.2, that have been classified; however there are many others class IV routes in the NCRS area that are not yet officially identified.

A schematised presentation of the waterways network is shown in Figure VI.3.1.

### 3.3 Ports and Traffic

#### 3.3.1 Sea Ports

There are two sea ports in Bangladesh viz Chittagong and Mongla. Both of them are outside the NCRS area. These two sea ports handle the total volume of cargo received or forwarded. To give a general idea of the quantum of cargo handled by these ports & their share in percentage of the total volume for the year 1989-1990, see Table VI.3.3.

**TABLE VI.3.3**  
**Sea Port Facilities**

Name of Port	Export		Import		Total Handled	
	Quantity	Share%	Quantity	Share%	Quantity	Share %
Chittagong	6,43,993	10.2	56,71,428	89.8	63,15,421	100
Mongla	6,37,205	25.31	18,80,756	74.69	25,17,961	100
Total Handled	12,81,198	14.5	75,52,184	85.50	88,33,382	100

#### 3.3.2 Inland River Ports

There are 11 (elven) number inland river ports, is Bangladesh:

- Dhaka
- Narayangonj
- Chandpur
- Barisal
- Khulna
- Patuakhali
- Baghabari
- Aricha
- Nagarbari
- Daulatdia
- Narsingdi

Of these ten 3 (three) viz Sl. 1, 2 & 8 are located in the project area. The above ten inland river ports have been developed by BIWTA and provided with modern port facilities. The description of facilities provided in 3 (three) of these ports falling in the NCRS project area are:

- i) **Dhaka Port** :- Position Lat 23°-42'-30" N. Long 90°31'25"E. Formally opened on June 1967. Facilities: 2 in No. two storied terminal building, 3 RCC jetties, 2 Ramps 20 Pontoon jetties.
- ii) **Narayanganj Port** :- Position Lat 23°37'N. Long 90°31'-15"E. Formally opened in 1965. Facilities : 1 in No. two storied terminal building, 8 RCC jetties 10 pontoon jetties, 8 Godowns covering 62,000 sft.
- iii) **Aricha Port** :- Position Lat 23°50'-N. Long 89°47'E.  
(Manikgonj)  
Formally opened in March 1983. Facilities : One terminal shed, 1 Pontoon, 3 ferryghats with pontoons and two Ro ferryghats, parking yards and additional passenger sheds (details not specified).

### 3.3.3 Launch Stations within NCRS Area

At some distance from the main terminal pontoon but within the port area launchghats exist at the busy traffic points:-

Port Area	Name of Launchghat	Remarks
Dhaka	Fattulla	Developed by BIWTA
Narayanganj	Madarganj	Developed by BIWTA

Launch stations have also been developed outside the port area by BIWTA with pontoon & ferry facilities, see Table VI.3.4 give a list of launch stations under the administrative jurisdiction of Sr.Deputy Director ports & traffic, Dhaka and Narayanganj ports. This list contains stations outside the NCRS area but within the administrative jurisdiction of Dhaka & Narayanganj.

### 3.3.4 Cargo Traffic

A list of the cargo traffic handled at stations under Dhaka and Narayanganj ports are given in Table VI.3.5.

### 3.3.5 Cargo Freight Rate

The main BIWTA ferry ghats are in the vicinity of the NCRS project area and the river Jamuna divides the country into two district parts VIZ East and West. In absence of the proposed Jamuna Bridge these ferries are the main connecting link between the two parts of the country. The following maximum freight rates are effective from the dates shown against each service for carriage of vehicles by BIWTC ferry services. In addition BIWTA terminal charges are to be paid for each vehicle. Passenger/Driver/Conductor/ Helper/Bicycle rider will have to pay fare as per rate vide fare chart for ferry services and sea truck services, see Tables VI.3.6 and VI.3.7.



**TABLE VI.3.4**  
**Launch Stations Developed in or Adjacent to the NCRS Area**

Sl. No.	Name of stations developed	Facility provided with size of pontoon	Administrative jurisdiction
1.	Bakhtabali	48'	Sr.Deputy Director Ports & Traffic, Port & Traffic Officer, Baghabari Port
2.	Balashee	30'	
3.	Chilmari	30'	"
4.	Fatulla	64'	Dhaka Port
5.	Saperchar	48'	Sr.Deputy Director Ports & Traffic, Narayanganj port
6.	Abdullahpur	64'	
7.	Ajmiriganj	64'	"
8.	Bandura	30'	"
9.	Bangalpara	48'	"
10.	Betka	64'	"
11.	Bhairab Bazar	100'	"
12.	Chamta	30'	"
13.	Fenshuganj	48'	"
14.	Gazaria	64'	"
15.	Katpatty	100'+64'	"
16.	Mawa	64'+90'	"
17.	Madanganj	30'	"
18.	Markuli	64'	"
19.	Munshiganj	180' Flat	"
20.	Narshingdi	64'	"
21.	Ramkrishnadi	30'	"
22.	Sayedpur	64'	"
23.	Shekhernagar	30'	"
24.	Sherpur	48'	"
25.	Sunamganj	64'	
26.	Taltala	64'	

**VI.3.5**  
**Cargo Traffic Handled at Dhaka and Narayanganj Ports**

Sl. No.	Station	Forwarded (t)	Received (t)
1	Dhaka	28.839	545023
2	Fatulla	113720	398485
3	Mirpur	-	6927
4	Pagla	300	39544
5	Munshiganj	2770	2298
6	Narayanganj	140116	337545
7	Adamjee	7288	271
8	Demra	1593	-
9	Godnail	157044	564879
10	Jute Mill	-	3191
11	Sarulia	-	12277

**TABLE VI.3.6**  
**Vehicle and Passenger Charges BIWTA Ferryghat<sup>1/</sup>**

Sl. No.	Type of vehicle	Aricha Daulatdia	Aricha Nagarbari	Shirajganj Bhuapur
1.	Loaded or empty trucks above 3 Tons and upto 8 tons.	408	540	432
2.	Empty bus/coach 5 Tons and above	474	598	487
3.	Empty minibus/coaster upto 3 tons.	240	300	246
4.	Microbus/Pick-up without passenger. Station Wagon/Land Rover/Land Cruiser/Scout type vehicles without passenger.	162	204	168
5.	Car/Jeep without passenger, Trawler (separately or with Jeep or Truck)	84	102	84
6.	Baby taxi/van/Autorickshaw without passengers. Rickshaw without passengers	42	48	36
7.	Motor cycle without rider/bicycle without rider	12	12	12
8.	Passenger fare for Ferry crossing			
	Deluxe class	25	43	-
	Upper class	19	31	25
	Economy class	6	11	8

Note : 1. Rates effective from October 01, 1992

**TABLE VI.3.7**  
**Hire Charges of BIWTA Vessels**

Sl. No.	Name of vessels	Rate for above 10 hrs. and upto 24 hrs. (Taka)	Rate for every 10 hrs or part there of (Taka)
1.	Pathfinder	40600	21600
2.	Dishari	40600	21600
3.	Sandhani	40600	21600
4.	Investigator	40600	21600
5.	Agradoot (Tug)	35000	18000
6.	Agrabahak (Tug)	35000	18000
7.	Agrani (Tug)	35000	18000
8.	Agrapathik (Tug)	35000	18000
9.	Agrajan (Tug)	35000	18000
10.	Samia	22000	12000
11.	'A' Class Launches	10200	6500
12.	'S' Class Launches	9200	5000
13.	'K' Class Launches	8500	4500
14.	'D' Class Launches	8500	4500
15.	Work Boat No.1	7700	4000
16.	Other work Boats	4000	2500
<b>Hire Charges of pontoons (for every 24 hrs. or part thereof)</b>			
1.	100' & 90' Pontoon	1450	
2.	85' Pontoon	1240	
3.	64' Pontoon	1160	
4.	48' Pontoon	1050	
5.	30' Pontoon	600	
6.	Flat (200'-300')	1850	
7.	Barge	1450	
<b>Rate of hire charges of Salvage Unit and its accessories</b>			
1.	Salvage crane & Tug (without fuel) Tk. 26,900 for every 24 hrs. or part thereof.		
2.	Only Salvage Crane (without fuel) Tk. 13,500 for every 24 hrs. or part thereof.		



### 3.3.6 Operation & Control of Water Ways

For smooth & efficient operation and control on the Waterways the entire navigable waterways has been divided into the following zones:

- Dhaka Zone
- Narayanganj
- Barisal Zone
- Khulna Zone
- Northern Sirajganj Zone
- Sylhet Zone
- Chittagong Zone.

The NCRS area falls mainly into the Dhaka Zone, but also parts of Narayanganj and the North Zone.

#### **Dhaka Zone**

The zone comprises of Dhaka, Munshiganj and Gazipur Districts and also includes Tangail and part of Jamalpur Districts. It is bounded in the North by the old Brahmaputra River, in the East by the Bender and the Lakhya River in the North-West by the Railway line from Jamalpur to Jagannathganj Ghat (excluding the ghat), in the west by the Jamuna upto Aricha at its confluence with the Padma, in the South-West by the Padma upto Chandpur (excluding Chandpur). It does not include Taltala on the Dhaleswari, but includes station on the left bank of the Jamuna.

#### **Narayanganj Zone**

The Zone comprises of the Comilla, Narayanganj and part of Brahmanbaria District and the half of the North by the boundary of the country in the West by the Brahmaputra (excluding the river) and then by the boundary of the Dhaka (vide para 1 above), in the East by the Dhaleswari River (including the River upto Durgapur) and then by the Railway line upto Bhairab and in the South by the Chandpur-Laksam Railway line (including Chandpur).

#### **North (Sirajganj) Zone**

The zone comprises of Dinajpur, Rangpur, Bogra, Rajshahi, Pabna, Tangail, Jamalpur and Sirajganj Districts. It extends in the North and the West upto the boundaries of the country in the East upto the Brahmaputra (including the river) and the boundary of the Dhaka zone (vide para-1) and in the South upto the Padma (including the River and the Goalando ghat).

### 3.3.7 General

The river system in Bangladesh as a whole & the project area rivers in particular are deteriorating over a long period due to both natural & morphological process. According to BIWTA master plan the condition is further aggravated due to dry season withdrawal for irrigation purpose. Moreover the action of building structures as for FCD/I may in some case have adverse effect on the navigable waterways unless due consideration is given at the design stage.

## CHAPTER 4

### HYDRAULIC INFRASTRUCTURE

#### 4.1 Embankments

There are a significant number of embankments with various size and sections in the NCR area constructed by several agencies at differing times. These embankments give certain benefits and disbenefits, towards flooding of the area.

##### 4.1.1 Institutions Involved in Embankments

**Bangladesh Water Development Board(BWDB):** The main purpose of BWDB embankments are to protect agricultural land from major river flooding. In most cases BWDB embankments along interior rivers form part of FCD/I projects.

**Bangladesh Railway Department(BRD):** The main purpose of BRD embankments are to carry goods & passengers. However, in many cases they serve a secondary purpose of a flood embankment, see Section 1.2.

**Road & Highways Department(RHD):** RHD embankments are mainly for interdistrict communication. In many cases they also work as flood embankment, but in some cases they obstruct passage of flood water creating high afflux between upstream & downstream causing more damage to the upstream flood areas, see Table VI.1.1.

**Thana Embankment:** Local (Thana) embankments are constructed to provide communication links to unions, villages and important places within the thana. They are constructed under the authority of the thana administration with assistance from a variety of sources (e.g. LGED). They may play a limited role to protect flooding but are mainly for communication purposes. If not constructed properly with sufficient cross-drainage structures with proper design, they are likely to create drainage congestion in the area.

**Food For Word Programme (FWP):** FWP embankments are constructed by the local authorities mainly to generate scope of employment for local people. They may be for internal communication or flood control or both depending on the area & location.

It is generally only the BWDB embankments that have been built specifically to address the problem of providing protection against flood. Embankments are discussed in more details in SR VII paragraph VII.1, and are also listed as part of existing FCD/I projects in Chapter 5 of this report.

## CHAPTER 5 FLOOD CONTROL, DRAINAGE & IRRIGATION

### 5.1 Administration

The BWDB is responsible for implementation of FCD/I schemes in the NCR area. The NCRS area falls under the jurisdiction of the Chief Engineer, North Eastern zone with its head office at Dhaka. Two circles headed by two Superintending Engineers and four divisions headed by four Executive Engineers are responsible for the implementation of the project in the NCR :-

Circles :	Dhaka O&M Circle I
	Dhaka O&M Circle II
Divisions:	Dhaka O&M Division I
	Dhaka O&M Division II
	Mymensingh O&M Division
	Tangail O&M Division

Recently one additional circle has been created in Tangail to look after the Tangail compartmentalization Pilot Project of FAP-20.

### 5.2 Existing and Previously Proposed Schemes

In the Phase-I study of the NCR, data were collected from the MPO, BWDB, NGO's LGED and other Organisations. These lists were presented in Annexes 1.1.1.1A and 1.4.1.1.B in R.1.3 Annexes & Maps I, annexes of the Phase I Reconnaissance study. During the phase II study an inventory of the existing schemes has been prepared taking into consideration the list of schemes in the previous study and updated by field visits to divisions and circle offices. The list consists of 56 projects of which 34 Nrs. are completed (c) 11 Nrs. are on going (OG) and 9 Nrs. are proposed (P) Projects. The list of the projects are given in Table VI.5 and the locations are shown both in Figure VI.5.1 & in Map VI.1 (see back of report). These schemes are described further in SRs II.2 and VII.

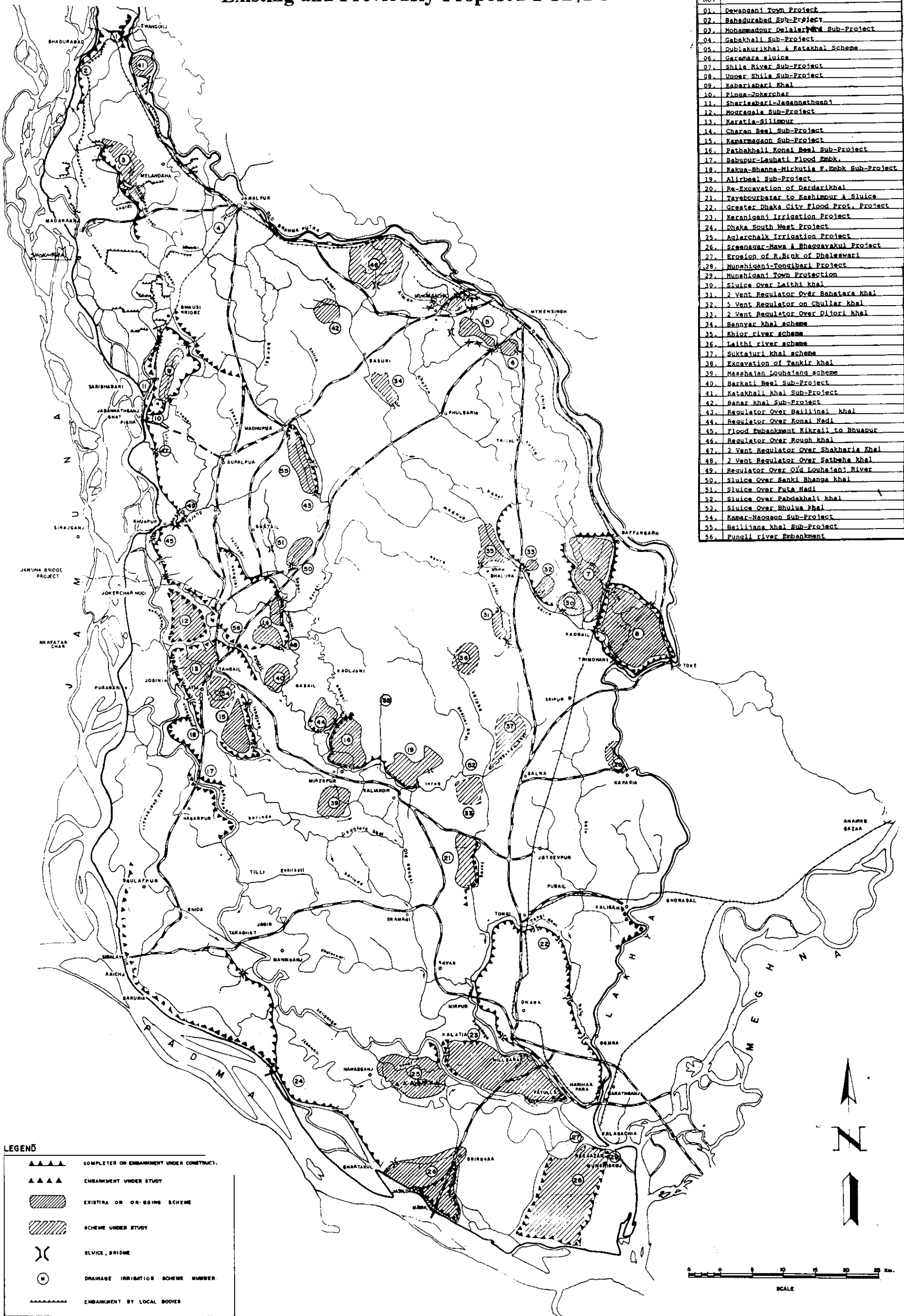
In addition during the Phase-I study a list of required works on FCD/I schemes due to 1988 flood damage were given in Annex 1.4.1.4A. The information were collected from Flood Damage Restoration Project (FDR) of BWDB-BETS 1988. The list is not repeated here.



# Existing and Previously Proposed FCD/I Schemes

## Legend

S1. No.	Name of Project
01.	Dawangan Town Project
02.	Bahadurabad Sub-Project
03.	Mohammadpur Belalardi Sub-Project
04.	Gabakhal Sub-Project
05.	Dubakurikhal & Katakhal Scheme
06.	Garamara sluice
07.	Shila River Sub-Project
08.	Upper Shila Sub-Project
09.	Kabariabari Khal
10.	Pinga-Jokerchar
11.	Sheriabari-Jagannathganj
12.	Mograsala Sub-Project
13.	Karatla-Sillampur
14.	Charan Beal Sub-Project
15.	Kamarmagan Sub-Project
16.	Pathakhali Koni Sub-Project
17.	Babupur-Lauhati Flood Emk.
18.	Kakua-Bhanna-Mirkutia F.Emk Sub-Project
19.	Alirbeal Sub-Project
20.	Re-Excavation of Dardarikhal
21.	Tayebpurbarar to Kachimour & Sluice
22.	Greater Dhaka City Flood Prot. Project
23.	Keraniganj Irrigation Project
24.	Dhaka South West Project
25.	Aqlarchalk Irrigation Project
26.	Greenagar-Mawa & Bhagavakul Project
27.	Erosion of R.Bank of Dhaleswari
28.	Munshiganj-Tongibari Project
29.	Munshiganj Town Protection
30.	Sluice Over Laithi khal
31.	2 Vent Regulator Over Bahatara khal
32.	5 Vent Regulator on Chullar khal
33.	2 Vent Regulator Over Dilori khal
34.	Bannay khal scheme
35.	Khior river scheme
36.	Laithi river scheme
37.	Suktajuri khal scheme
38.	Excavation of Tankir khal
39.	Masshalan Louhajang scheme
40.	Barkati Beal Sub-Project
41.	Katakhal khal Sub-Project
42.	Banar khal Sub-Project
43.	Regulator Over Baillina khal
44.	Regulator Over Koni Nadi
45.	Flood Embankment Kikrail to Bhupur
46.	Regulator Over Rough khal
47.	2 Vent Regulator Over Shakharia khal
48.	2 Vent Regulator Over Satbha khal
49.	Regulator Over Old Louhajang River
50.	Sluice Over Sanki Bhanga khal
51.	Sluice Over Futa Nadi
52.	Sluice Over Pabdekhal khal
53.	Sluice Over Bhulua khal
54.	Kamarkagan Sub-Project
55.	Bailliana khal Sub-Project
56.	Pungli river Embankment



Existing and Previously Proposed FCD/I Schemes

TABLE VI.5.1  
List of Water Development Projects in North Central Region area FAP-3

Sl. No.	Name of Project	Type	PU No.	District	Upazila	Status	Area Benefited (sq. km)	Length (Km)	Crest Level (m PWD) Av	Height Av (m)	Top width (m)	Remarks
01.	Dewanganj Town Project	T.P.	1	Jamalpur	Dewanganj	C		1.17	21.95	3.50	4.88	Remaining parts Partly washed away by Jamuna River
02.	Bahadurabad Sub-Project	Flood Embk.	1	Jamalpur	Islampur	C		7.50		3.50		
03.	Mohammadpur Delalerpara Sub-Project	Embankment	1	Jamalpur	Melandaha	C	60.70	14.30	19.50	4.50	4.30	
04.	Gabakhali Sub-Project	Embankment	1&2	Jamalpur	Jamalpur	C	3.84	14.25	17.59			
05.	Dubalpurkhal & Katakhal Scheme	FCDI	3	Mymensingh	Muktigacha	C	40.50					Completed 1984-1985
06.	Garamara sluice	D	3	Mymensingh	Mymensingh	C	6.50					Completed 1958-1959
07.	Shila River Sub-Project	FCDI	3	Mymensingh	Gaffargaon	OG	50.00					
08.	Upper Shila Sub-Project	FCDI	3	Mymensingh	Gaffargaon	OG	26.30					
09.	Kabariabari Khal	D	2	Jamalpur	Shariaabari	OG	7.21	11.00				Completed 1989-1990
10.	Pigna-Jokerchar	Flood Embk.	2	Tangail	Bhusapur	C	84.00	37.00	15.30	3.25	4.25	
11.	Shariaabari-Jagannathganj	Embankment	2	Jamalpur		P						Postponed
12.	Mogragala Sub-Project	FCD	6	Tangail	Tangail	P		25.00				
13.	Karatia-Silampur	Flood Embk.	6	Tangail		C	40.00	40.00	14.85	3.00	4.30	SSFCDI 1983-1984
14.	Charan Beel Sub-Project	FCD	4	Tangail	Kalhati	C	14.17	42.00	11.58	2.70	4.30	Completed 1983-1984
15.	Kamarmagaon Sub-Project	Flood Embk.	6	Tangail	Delduar	C	62.75	23.00	10.20	2.00	4.30	Completed 1990-1991
16.	Pathakhali Konai Beel Sub-Project	Embankment	5	Tangail	Mirzapur	C	25.00	15.00	11.40	2.50	4.30	Completed 1982-1983
17.	Babupur-Lauhati Flood Embk.	Flood Embk.	6	Tangail	Delduar	C	41.00	20.00	13.50	3.20	4.30	
18.	Kakua-Bhanna-Mirkuta F. Embk Sub-Project	Flood Embk.		Tangail	Tangail	P						Under F.C.
19.	Alirbeel Sub-Project	D	5	Gazipur, Tangail	Kaliakair, Mirzapur	OG	41.20					Dropped
20.	Re-Excavation of Dardarkhal	D	9	Gazipur	Kapasia		57.35					Year of completion 1990
21.	Tayebpurbazar to Kashimpur & Sluice	FCD	8	Dhaka	Savar	P		10.00				Year of completion 1979
22.	Greater Dhaka City Flood Prot. Project	FCD	12	Dhaka		OG						
23.	Keraniganj Irrigation Project	FCDI	11	Dhaka	Keraniganj			3.38			2.45	
24.	Dhaka South West Project	FCD	10&13	Dhaka		OG	971.66	178.00				Completed embankment 72 km
25.	Aglarachalk Irrigation Project	FCI		Manikganj								Reg. 2 Nos.
26.	Sreenagar-Mawa & Bhagayakul Project	SSFCDI	13	Dhaka	Nowabganj	P		19.00				Pipe sluice 9, completed upto June 30, 1991
27.	Erosion of R. Bank of Dhaleswari	Embankment	13	Munshiganj	Sreenagar	C	22.95	30.00	7.30	3.50	4.28	55 % complete
28.	Munshiganj-Tangibari Project	FCDI	13	Munshiganj		P						Proposed for 1991-1992
29.	Munshiganj Town Protection	T.P.	13	Munshiganj	Munshiganj	P						PP submitted work could not be started due to financial constraint

C = Completed, OG = on going, P = Proposed

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Continued

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TABLE VI.5.1 (Contd)  
List of Water Development Projects in North Central Region area FAP-3

Sl. No.	Name of Project	Type	PU No.	District	Upazila	Status	Area Benefitted (sq. km)	Length (Km)	Crest Level (m PWD) Av	Height Av (m)	Top width (m)	Remarks
30.	Sluice Over Laithi khal	D	3	Mymensingh	Bhaluka	C	16.19					
31.	2 Vent Regulator Over Bahatara khal	D	5	Mymensingh	Bhaluka	C						
32.	5 Vent Regulator on Chullar khal	D	3	Mymensingh	Bhaluka	C						
33.	2 Vent Regulator Over Dijori khal	D	3	Mymensingh	Bhaluka	C						
34.	Bannar khal scheme	PCD	3	Mymensingh	Muktachia	OG						
35.	Khiron river scheme	PCD	3	Mymensingh	Bhaluka	OG						
36.	Laithi river scheme	PCD	5	Mymensingh	Bhaluka	OG						
37.	Suktajuri khal scheme	PCD	5	Mymensingh	Bhaluka	OG						
38.	Excavation of Tankir khal	D	5	Tangail	Kalihat	C	7.73					Completed 1967-68
39.	Mashjan Louhajang scheme	PCD	6	Tangail	Mirzapur	C	20.23	18.32	11.28		5.48	Completed 1982-83
40.	Barkati Beel sub-project	PCD	6	Tangail	Basail/Mirzapur	C	3.73	2.53				Completed 1985-86
41.	Katakhal khal sub-project	PCD	1	Jamalpur	Islampur	C	2.83	12.90	16.77		4.87	Completed 1982-83
42.	Banar khal sub-project	PCD	3	Jamalpur	Islampur	C	2.89					Completed 1980-81
43.	Regulator Over Bailjani khal	PCD	5	Tangail	Ghatil	C	10.12					Completed 1982-83
44.	Regulator Over Kontai Nadi	PCD	5	Tangail	Mirzapur	C	8.09		10.37		3.66	Completed 1983-84
45.	Flood Embankment Nikrail to Bhuapur	Embk.	4	Tangail	Bhuapur	C	35.62	35.62	15.24	15.09		Completed 1983-84
46.	Regulator Over Routh khal	PCD	1	Jamalpur	Melandah	C	8.09					Completed 1986-87
47.	2 Vent Regulator Over Shakharia khal	PCD	2	Tangail	Gopalpur	C	28.32		16.16		4.27	Completed 1986-87
48.	2 Vent Regulator Over Satbeha khal	PCD	4	Tangail	Kalihat	C	19.42		9.76		4.27	Completed 1986-87
49.	Regulator Over Old Louhajang River	PCD	2	Tangail	Bhuapur	C	32.38					Completed 1987-88
50.	Sluice Over Sanki Bhanga khal	PCD	4	Tangail	Ghatil	C	10.52					Completed 1983-84
51.	Sluice Over Futa Nadi	PCD	4	Tangail	Ghatil	C	4.86					Completed 1980-81
52.	Sluice Over Pabdhakhal khal	PCD	5	Tangail	Mirzapur	C	4.86					Completed 1981-82
53.	Sluice Over Bhulua khal	PCD	6	Tangail	Mirzapur	C	6.07					Completed 1981-82
54.	Kamar-Naogaon sub-project	PCD	6	Tangail	Delduar	C	62.75		9.76	1.70	4.27	Completed 1980-91
55.	Bailjana khal sub-project	PCD	5	Tangail	Ghatil	OG	10.12	7.50	14.00	2.50	4.26	
56.	Pungli River Embankment	Embk.	4	Tangail	Kalihat	P						

C = Completed, OG = on going, P = Proposed

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## CHAPTER 6

### OTHER SCHEMES IN THE NCR

#### 6.1 General

In addition to the FCD/I scheme in the NCR there are many other activities and projects being carried out in the region. The extent of these activities can be appreciated by the number of NGOs engaged in such activities in the region. There are a total of 413 Nrs. NGOs (including branches) engaged in various structural & development activities in the region, see Table VI.6.1. Further details of the NGO's working in the region are given in Annex I.

**TABLE VI.6.1**  
**Numbers of NGO's in the NCR**

Sl.No.	Name of District	Number of NGOs	Remarks
01.	Dhaka	236	Some NGOs have branches in more than one district.
02.	Gazipur	15	
03.	Jamalpur	12	
04.	Tangail	52	
05.	Narayanganj	2	
06.	Mymensingh	24	
07.	Manikganj	68	
08.	Munshiganj	04	
	<b>Total :</b>	<b>413</b>	

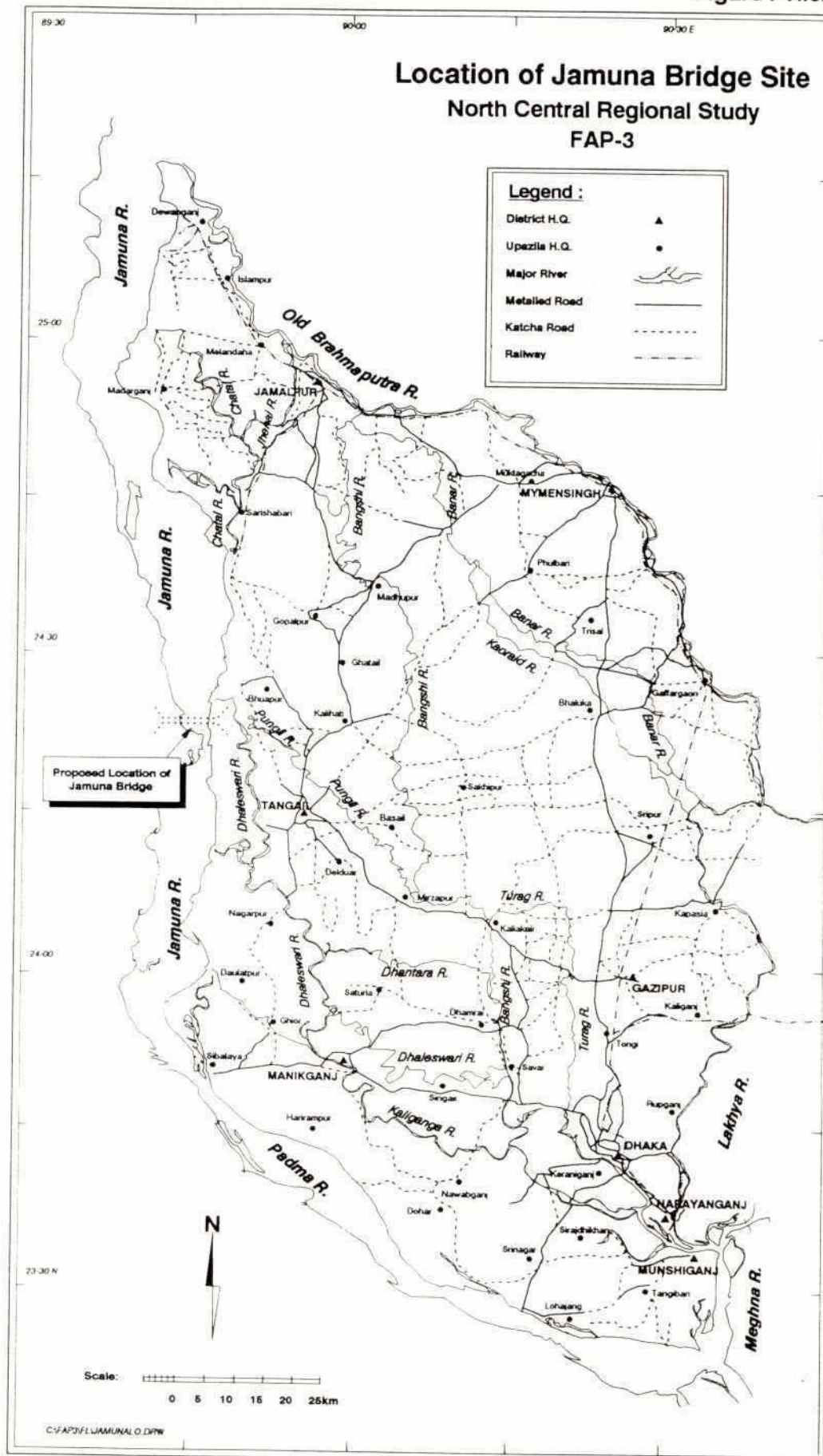
Note: Also see Annex I

#### 6.2 Jamuna Bridge Project

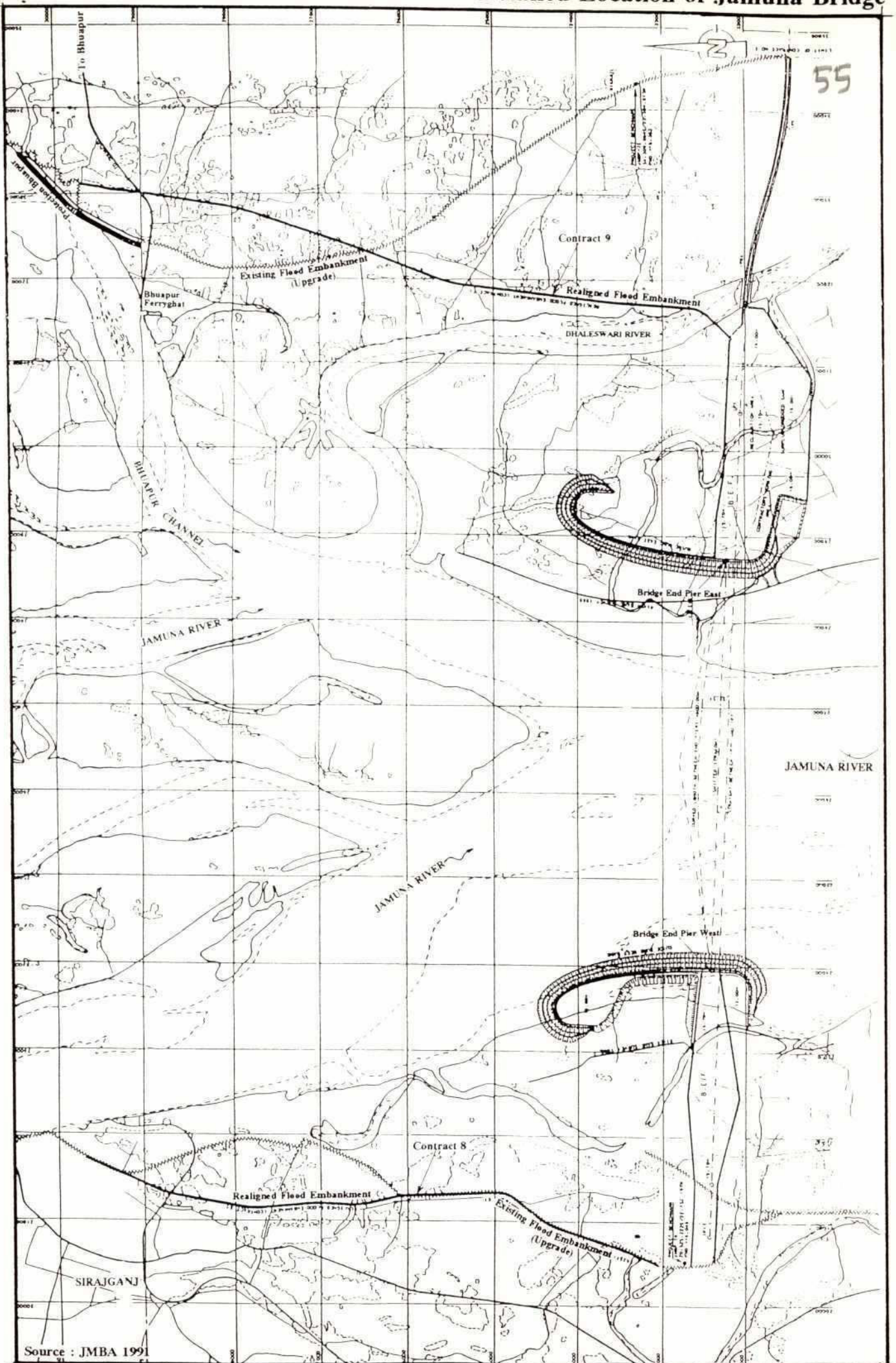
The Jamuna Multipurpose Bridge will connect the East and West regions of the country. The Bridge is located as shown in Figure VI.6.1 and will connect Sirajganj on the West and Bhuapur in Tangail district on the East Bank. A detailed location of the bridge is shown on Figure VI.6.2.

The length of the Bridge will be about 4,800m and is bounded by guide bunds of the river training works. The substructure comprises large diameter steel piles with concrete pile caps and piers. The super structure will be of composite steel box girder and concrete slab in spans of 100m. The guide bunds each having length of 2,700m will protect the bridge abutments, the bridge end facilities and the approach embankments and viaducts at each bank. Road & Rail approaches are to be constructed on embankments on the flood plain above maximum flood level. The connection of railway with the bridge on both banks as given in the Jamuna Bridge Report (JMBA 1991) is shown in Figure VI.1.2. The location of guide bunds are shown in Figure VI.6.2.

Figure : VI.6.1









## **Jamuna Bridge/Dhaleswari Mitigation Study**

The Jamuna Bridge Authority's (JMBA) plan to cut off the northern intake of the Dhaleswari has direct implications on the NCR and in particular the area around Tangail including the FAP 20 pilot area. The impact of the bridge on water levels and the river morphology is significant and thus the NCRS has to consider all possible development scenarios both with and without the Jamuna Bridge being implemented. The Dhaleswari Mitigation Study have also investigated the impact of a guide bund downstream of the Jamuna Bridge. This has also been considered in the NCR planning process.

### **6.3 Jamuna Fertilizer Factory Road**

The Jamuna Fertilizer Factory is located at Tarakhandi near Sharishabari in the project area. The project was started in January 1988, completed in December 1991 and commenced trial production from December 31, 1991. The factory is due to go for commercial production from July 1992. The production capacity is 5,61,000 MT of Urea per year, and 33000 MT of Ammonia per year. The project is based on natural gas supplied from Titas gas field and is financed on loan from Government of Japan.

The main road communication to the Jamuna Fertilizer Factory Company (JFC) from Dhaka is via Tangail but from Bhuapur near Tangail to Tarakhandi (JFC site) the road is not good. The JFC is therefore providing the cost of road surfacing with the work being executed by RHD under their Tangail & Jamalpur division. The road generally follows the existing BWDB flood embankment with minor straightening and other small scale improvement (see Figure VI.6.3). The length of the road from Bhuapur to Tarakhandi is about 28 km. It will have a paved width of 5.49 m and shoulder to shoulder width of 10.79 m. The side slopes are 1:2 on both sides. The formation level of the road at the beginning at Bhuapur will be 15 m and at the end at Tarakhandi will be 19.6m.

The roads formation level will not be adequate to withstand peak floods. According to NCRS design the top level of the embankment at Bhuapur should be at 16.04 m to withstand is 100 year flood. A letter has been sent by NCRS to FPCO (dated 02/02/1992) and copied to the JFC and RHD pointing out that the formation level should be some 1 to 1.4m higher than presently proposed.

The latest information collected from EE. BWDB Tangail on 18.04.1992 indicates that the works are in progress. The surfacing of the road is being done on the existing formation level. The surfacing consists of one layer of harrying bond bricks on edge over a layer of one brick flat soling. The surfacing will be replaced after 2-3 years when the embankment will be consolidated and the permanent surfacing will be done.

### **6.4 Industries**

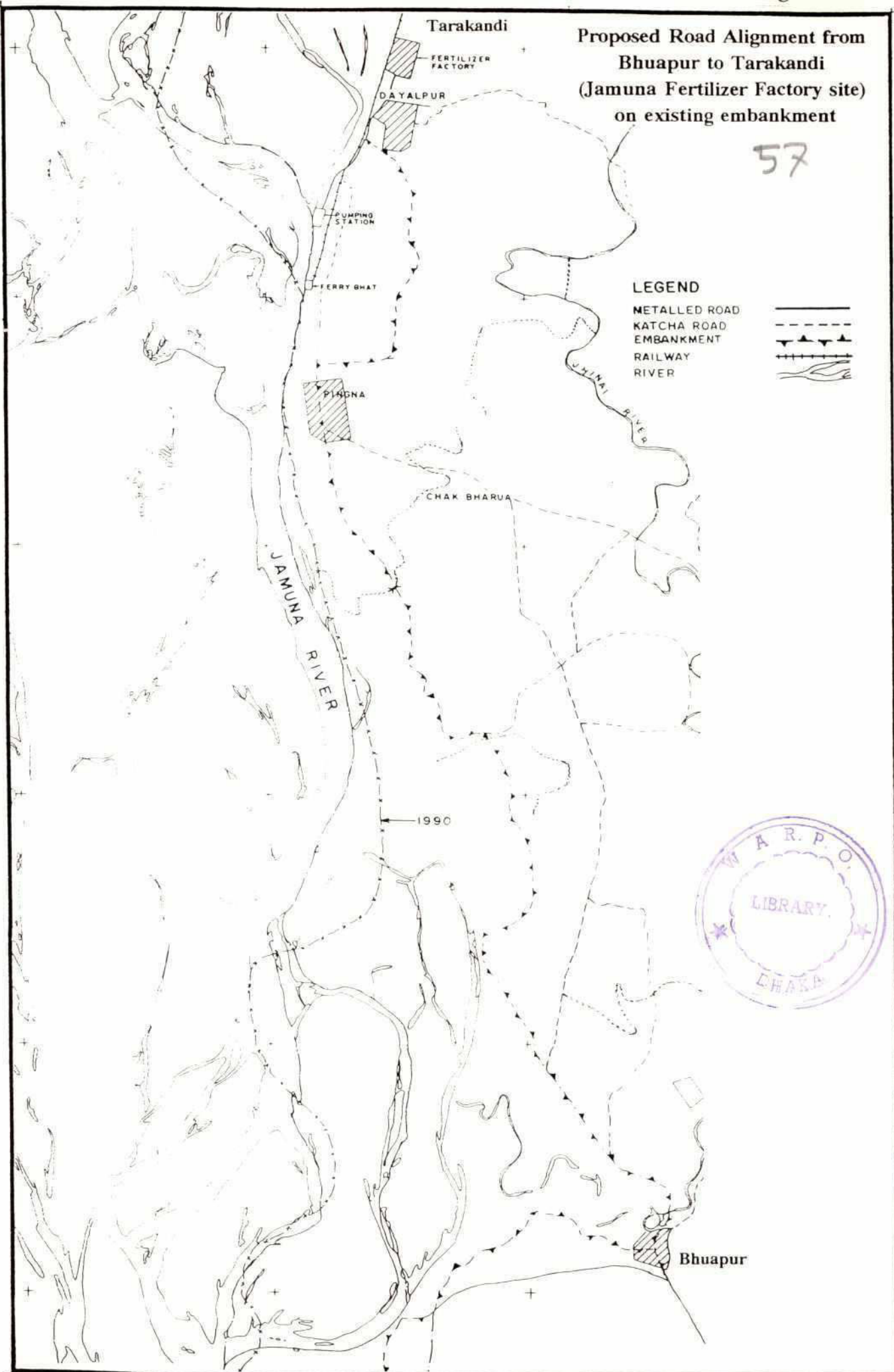
Most of the industries developed in Bangladesh are located in and around Dhaka, Narayanganj, some are in Chittagong & Khulna and very few in other districts. Though Bangladesh is not an industrially developed country, industries are gradually developing in many sectors. Most of the sectors are to meet the domestic requirements but some are partially or mainly export oriented like Tea, Jute, Leather, Ready made garments etc. The total number of major industries in important sectors are given in Table VI.6.2.

Proposed Road Alignment from  
Bhuapur to Tarakandi  
(Jamuna Fertilizer Factory site)  
on existing embankment

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LEGEND

METALLED ROAD  
KATCHA ROAD  
EMBANKMENT  
RAILWAY  
RIVER



The industrial centre of Bangladesh is Dhaka and Narayanganj and falls within NCRS project area. Table VI.6.2 shows that about 58.6% of Jute, 82% of Leather 54% of Medicine 57% Cosmetics 61% of industrial Chemicals 100% of Diesel engine, 50 to 69% of all type of Electrical industries, 59% Textile Mills and 81.7% of Ready Made Garment industries are in the NCRS area. This has an environmental and socio-economic impact on the people living in the project area. About 85% of the workers of garment factories are female.

Bangladesh has few foreign exchange earnings and is not rich in natural resources. However some foreign exchange is covered through exporting industrial items like Jute, Leather, ready made Garments, Tea etc. in and exporting of human resources for employment. The ready made garment industry alone accounts for about 44% of the countries total export earning. This year the export is likely to fetch about Tk. 4,000 crores equivalent to about one billion US dollar.



TABLE VI.6.2  
Major Industries in the NCR

Sl. No.	Sector/Items	Total No.	Not share % of Total				Total No. of Employees (persons)	Remarks
			Dhaka/Narayanganj		Others			
			No.	%	No.	%		
AGRICULTURE SECTOR								
1.	Jute Mills (Weaving)	70	28	40	42	60	190266	For 54 industries
2.	Jute thread & twine	29	17	58.6	12	41.4	4392	For 22 industries
3.	Jute Carpet	5	2	40	3	60	817	* Cigarette paper
4.	Suggar Mill	16	1	6.25	15	93.75	28001	
5.	Paper Mill	3	*1	33.3	2	66.7	4495	
6.	News Print	1	0	0	1	100	2956	
7.	Paper Pulp	1	0	0	1	100	1019	
8.	Cigarette	18	8	44.4	10	55.6	4243	
FOOD SECTOR								
1.	Biscuit & Bread	68	13	19.1	55	80.9	3934	For 64 Nos
2.	Lobster & Frogleg	42	2	4.8	40	95.2	3013	
3.	Fish Reservation	29	3	10.3	26	89.7	2081	
4.	Fruit & vegetable	12	4	33.3	8	66.7	178	
LEATHER								
1.	Finished Welblue etc.	119	98	82.4	21	17.6	3504	For 96 available
2.	Leather shoes (Mechanised)	6	6	100	0	0	1680	
MEDICINE & CHEMICALS								
1.	Chemical Fertilizer (Urea TSP & Amonia, Sulphat	6	2	33.3	4	66.7	6593	For 164 available  For 14 available For 60 available
2.	Medicine (Alopathic)	183	99	54.1	84	45.9	11560	
3.	Rayon & Chemicals	1	0	0	1	100	2455	
4.	Safety Match	19	8	42.1	11	57.9	8878	
5.	Insectisites	16	12	75	4	25	1116	
6.	Cosmetics	68	39	57.4	29	42.6	2495	
7.	Industrial chemicals	21	13	61.9	8	38.1	1029	
ENGINEERING								
1.	C.I Shel M.S. Plate Millet	24	5	20.8	19	79.2	4201	for 23 available for 51 available
2.	Disel Engine	5	5	100	0	0	429	
3.	Electirc Transformer	6	3	50	3	50	1098	
4.	Pipes (all types)	10	5	50	5	50	982	
5.	Bulb & Tube light	13	9	69.2	4	30.8	797	
6.	Electric Wires & cables	22	13	59.1	9	40.9	1059	
7.	Electric Fans	32	15	46.9	17	53.1	2529	
8.	Pumps (all types)	25	14	56	11	44	1127	
9.	Agricultural Machanics	55	26	47.3	29	52.7	2937	
TEXTILE								
1.	Textile Mills	66	39	59	27	41	67259	for 63 available
2.	Specilised (Textiles Cotton Group)	48	28	58.3	2	41.7	1526	for 21 available
3.	Garments Industries	704	575	81.7	129	18.3	400000	Calculated.

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- BR 1980 Way and Works Manual, Bangladesh Railway 1980
- BTTB 1990 Databook Bangladesh Telegraph and Telephone Bureau (Bangla Version), 1990
- BTTB 1991 Bangladesh Long Term Telecommunication Development Plan, Draft Final Report, Bangladesh Telegraph and Telephone Bureau, May 1991.
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- JMBA 1991 Dhaleswari Mitigation Plan, Draft Final Report, Dhaleswari Mitigation and Land Use Master Plan for the Jamuna Bridge Project Areas, GHK/MRM International Ltd., November, 1991.
- NCRS 1990 North Central Regional Study, Phase-I, Reconnaissance.





## ANNEX I

### NGO'S WORKING IN THE NCR

#### Dhaka District

1. Association of Development Agencies in Bangladesh (ADAB)<sup>1</sup>, 1/3 Block-F, Lalmatia, Dhaka-1207, Tel: 327424, 324162.
2. Action AID Bangladesh, 9/4 Shyamolibagh Street No.2 Shyamoli, Dhaka-1212, Tel 601604
3. Ayesha Abed Foundation, 66, Mohakhali C/A, Dhaka-1212, Tel: 601604
4. Assistance for Blind Children (ABC), 167 Green Road, Dhaka-1205 Tel: 316079
5. The Australian Baptist Missionary Society (inc) House 5/A, Road 6, Dhanmondi R/A, Dhaka-1205, Tel: 507700
6. Antarjatik Besamarik Seba Sangstha, Zohura Mension, Room 18, 27/1 Mymensingh Road, Dhaka-1000 Tel: 502071
7. Association for Community Development (ACD), 229 Central Bashabo, Dhaka-1217
8. Agricultural Development Council C/o. BARC Buildings, Farmgate, Dhaka.
9. Adventist Development and Relief Agency, 149 Shah Ali Bagh, Mirpur-1, Dhaka, Tel: 381496
10. Association for Development of Landless & Homeless people (ADLHP), 4 Dilkusha C/A, First Floor, Dhaka-1000 Tel: 240220
11. Annesha Foundation (AF), 19/Ka, Ring Road (Ground Floor), Mohammadpur Pisciculture Housing Society, Shyamoli, Dhaka-1207
12. Al-Falah Bangladesh, 9/13 Iqbal Road, Mohammadpur, Dhaka-1207, Tel: 327564
13. Association for Family Development, 26, Road No-8, Section 12/B, Mirpur, Dhaka-1210
14. Association for legal Aid to the poor (ALAP), 366 Elephant Road, Dhanmondi Dhaka-1205
15. Aga Khan Community Health Programme, 30/1, Purana Paltan Lane, Dhaka Tel: 406200
16. Azad Muslim Welfare Complex, Bangladesh., 88/1 Jagannath Saha Road (Amligola), Dhaka-1211, Tel: 508359
17. Association for Private Non-profit Trade School, St. Joseph school of Industrial Trade 32 Shah sahib lane, Dhaka-1100, Tel: 258297
18. Association for Realisation of Basic Needs (ARBN), House 40A, Road 4A, Dhanmondi R/A, Dhaka-1209 Tel: 505901
19. Association for social Advancement (ASA), 5/12 Block-B, Humayun Road, Mohammadpur, Dhaka-1207 Tel: 316375 324735
20. Association for school Based Education, 211, Elephant Road, Dhaka-1205, Tel: 329690
21. Academy for Social Development (ASOD), 14/20 Iqbal Road, Ground Floor, Mohammadpur, Dhaka-1207
22. Artho Samajik Unnayan Sangstha, House 120, Block-F, Road-1, Banani, Dhaka-1213 Tel: 605421
23. Assoc. for volun. Surgical Contracept., Asia Regional Office, H35, R12A, Dhanmondi R/A, Dhaka-1209, Tel: 325456, 326610, 317040
24. Anannya, Plot 20, Road 12, Pisciculture Housing Project-Kha, Mohammadpur, Dhaka-1207
25. Ahsania Welfare Mission, 57 DRA Road 16, Dhaka-1209 Tel: 319773, 319768
26. Bangladesh Association for Community Education (BACE), 140, Motijhell C/A, Dhaka-1000 Tel: 235559 257769
27. Brothers to all Men-Int. Bangladesh (BAM-1), 5/5 Gaznabi Road, Block-B Mohammadpur, Dhaka-1209, Tel: 811029
28. Bangladesh Association for Maternal and Neonatal Health (BAMANEH), 64/F, Green Road, (Ground Floor) Dhaka-1205, Tel: 508851
29. Bangladesh Assoc. for Prevention of septic Abortion (BAOSA), House 71, Block-C, Avenue-5, Section-6, Mirpur, Dhaka-1216, Tel: 802392
30. Bangladesh Association for Rural Journalists, 35-E/1, Ganaktali Lane, Dhaka-1205, Tel : 503764
31. Bangladesh Association for Voluntary Sterilization (BAUS) House 48, Road 4A (New) DRA, Dhaka-1209 Tel : 505082-83
32. Bangladesh Association for the Aged & Institute of Geriatric Medicine Agargaon, Sher-e-Bangla Nagar, Dhaka-1207 Tel: 328559
33. Bangladesh Council for Mass Education, 232 Green Road, DRA, Dhaka-1205
34. Bangladesh Dristihin Foundation, R2, H33, Mohammadia Housing Society, Mohdpur, Dhaka-1207 Tel: 815792
35. Bangladesh Develop. Service Centre (BDSC) H#293, R#2, Baitul Aman Housing Society, Adabor, Shyamoli, Dhaka-1207, TEL: 326625
36. Bangladesh Extension Education Service (BEES) 2/9 Block-F, Lalmatia, Dhaka-1207, Tel: 815904, 316921, 329499
37. Begum Fatema Matia welfare Trust, 141 Azimpur Road (2nd floor) Dhaka 1205 Tel: 505574
38. Bangladesh Fertility Research Programme, 25, Shyamoli, Mirpur Road, Dhaka-1207 Tel: 812376, 327588
39. Bangladesh Ganoshikkha Samity, 40 Motijheel C/A, Dhaka-1000 Tel: 235859, 257769
40. Bangladesh Human Rights Commission, 77 Purana Palton Line (1st floor) Dhaka 1000 Tel: 409597
41. Bangladesh Human Rights Commission (BHRC), 278 Gulbag (Ground Floor) Malibag, Dhaka-1217 Tel: 411163
42. Bangladesh Institute of Apiculture (BIA), 23/12 Khilji Road, 2nd floor, shyamoli, Dhaka Tel: 311585
43. Bangladesh Inter Religious Council for Peace and justice (BICPAJ), 4/10 Iqbal Road, Mohammadpur, Dhaka-1207, Tel: 328707
44. Bangladesh Integrated Rural Development Services (BIRDS), 44 Naya Paltan Dhaka 1000 Tel: 415764
45. Bangladesh Jatio Juba Parishad, Baitul Kamal 132 Shantibagh, Dhaka-1217, TEL: 244890, 415652
46. Bangladesh Jatio Mohila Samabaya Samity Ltd., 27 Bangladesh Avenue, Dhaka-1000
47. Badda Nagar Jubo Sangha, 17 Badda Nagar (Hazaribagh Park) P.O New Market Dhaka-1205 Tel: 865197
48. Bangladesh Lutheran Mission-Danish, 55, Road 9A, Dhanmondi, Dhaka 1209, Tel: 341397

<sup>1</sup> Compiled from: ADAB Association of Development Agencies in Bangladesh Directory of NGOs in Bangladesh 1992 (Ready Reference)



49.	BLM-F, Dhaka Office, 2/5A, Lalmatia Block-A, Road-5 Dhaka-1207 Tel: 312738	103.
50.	Bangladesh Lutheran Mission Norwegian (BLM-N), House 50, Road 1, Banani, Dhaka-1213, Tel: 604968, 608313	104.
51.	Baptist Mid Mission Bangladesh, House 17, Road 116, Gulshan, Dhaka.	105.
52.	Bangladesh Mohila Parishad, 10/B Shegunbagicha Dhaka-1000 Tel: 501107	106.
53.	Bangladesh Mohila Samity, New Baily Road, Dhaka-1000 Tel: 401741	107.
54.	Bangladesh National Association of Journalists, 35 E/1, Ganaktali Lane, Dhaka-1205 Tel: 503764	108.
55.	Bangladesh National Blind Women's Welfare Organization, 6 Nandalal Dulta Lane, Luxmibazar, Dhaka-1100	109.
56.	Bangladesh Nari Prigoti Sangha, House 255, Road 10A, DRA, Dhaka 1209 Tel: 811323	110.
57.	Bangladesh National Youth Council (BNYC), 40 Naya Paltan, Dhaka-1000 Tel: 415764	111.
58.	Bangladesh Press Club Federation (BPCF), 278 Gulbag (Gr.floor) Malibag, Dhaka 1217 Tel: 411163	112.
59.	Bangladesh Protibondhi Foundation, 12 New Circular Road, West Malibag, Dhaka 1217 Tel: 415880, 400353.	113.
60.	Bangladesh Project Management Institute (BPMI), 9/25 Sir Sayed Road, Mohammadpur, Dhaka-1207 Tel: 314572	114.
61.	Bangladesh Rural Advancement Committee (BARC), 66, Mohakhali C/A, Dhaka-1212 Tel: 600161-4, 600106-7, 883614.	115.
62.	BARC Printers, 66, Mohakhali C/A, Dhaka-1212, Tel: 605142, 605154	116.
63.	Bangladesh Rural Reconstruction Association, U/35, Noorjahan Road, Block-D, Mohammadpur, Dhaka-1207	117.
64.	Bangladesh Society for the Enforcement of Human Rights (BSEHR), 97, Purana Paltan Lane, Dhaka-1000 Tel: 417654, 409298	118.
65.	Bangladesh Samaj Progoti Parishad, Ismail Mansion (2nd floor) 9H Motijheel C/A, Dhaka-1000 Tel: 232776, 323710	119.
66.	Bangladesh Samaj Unnayan Samity (BSUS), 8/2 Block-C, Lalmatia, Dhaka-1207 Tel: 328894	120.
67.	Bangladesh Unemployed Rehabilitation Organization, Moon Mansion (6th floor) 12 Dilkusha C/A, Dhaka 1000 Tel: 2555947	121.
68.	Bangladesh Women's Health Coalition (BWHC), House 46/A, Road 61, Dhanmondi R/A, Dhaka-1209, Tel: 326570	122.
69.	Bangladesh welfare Trust, 36, Roads Dhanmondi R/A, Dhaka-1205 Tel: 509586, 509313, 504836	123.
70.	Community Aid Abroad, 6/8, Block-F, Lalmatia, Dhaka-1207 Tel: 814017	124.
71.	Consumers Association of Bangladesh (CAB), 4/A Segunbagachia, Dhaka-1000	125.
72.	CARE-International Bangladesh, 63, Road 7A, Dhanmondi R/A, Dhaka-1209 Tel: 814195-8, 824207-9	126.
73.	CARITAS-Bangladesh, 2, Outer circular Road, Shautibagh, Dhaka-1217 Tel: 402407-9, 403706	127.
74.	Church of Bangladesh Social Develop. Program. (CBSDP), St. Thomas Church, 54, Johnson Road, Dhaka 100 Tel: 236546	128.
75.	Christian Commission for Development in Bangladesh (CCDB), 88 Senpara Parbata, Section 10, Mirpur, Dhaka 1216, Tel: 801971-3	129.
76.	Community Development Library (CDL), House 39, Road 14A, Dhanmondi R/A, Dhaka 1209 Tel: 313604	130.
77.	Centre for Development services (CDS), 5/2 Barabo Moahmadpur, Ring Road Shymoli Dhaka-1207 Tel: 811319	131.
78.	Centre for Environment and Development, C/o Braknys, Islam chamber 12th floor 125A, Motijheel Dhaka-1000 Tel: 231002	132.
79.	CHAPA-Dhaka office, B1 Green Road, Jahanara Garden, Dhaka Tel: 313727	133.
80.	Community Health Care Project (CHCP), Plot-1 Road-4 Block-B Section-2 Mirpur Housing Estate, Dhaka 1216	134.
81.	Christian Health Services Bangladesh, C/o. Presbyterian Fellowship in Bangladesh (PFB), 131 Garden Road, Dhaka-1000 Tel: 313723	135.
82.	Christian life Bangladesh, 105/11 Monipuripara, Tezgaon, Dhaka-1215 Tel: 310545	136.
83.	Centre for Mass Education in Science (CMES), 37/C Asad Avenue, Mohammadpur, Dhaka-1207 Tel: 811898	137.
84.	Concern, House 63, Road 15A, Dhanmondi R/A, Dhaka-1209 Tel: 812795-6	138.
85.	Comilla Proshika Centre for Development (CPCD), House 12, Road 12, Dhanmondi R/A, Dhaka-1209, Tel: 323088, 303089, 811235	139.
86.	Campaign for popular Education, 5/1, Gaznabi road, Mohammadpur, Dhaka-1207 Tel: 815769	140.
87.	Christian Reformed World Relief Committee (CRWRC), 9/11 Iqbal Road Mohammadpur, Dhaka-1207 Tel: 815076, 317525	141.
88.	Canadian Resource Team, 58, Kalabagan 1st lane, Dhanmondi R/A, Dhaka-1205, Tel: 314487, 324149	142.
89.	Centre for Training and Rehabilitation of Destitute Women, House 71, Road 9/A, Dhanmondi R/A, Dhaka-1209, Tel: 812213	143.
90.	Centre for United Nations studies, G.P.O Box 2786, Dhaka 2 Tel: 415764	144.
91.	CUSO, House 54, Road 3A, Dhanmondi R/A, Dhaka-1209, Tel: 506250	145.
92.	Concerned Women for Family Planning, 108 Kakrail Road, Dhaka Tel: 401064, 406504, 410542	146.
93.	Centre for world Islamic Affairs, 38/4, Mayakauon (Thakurpara), North Kaenlapur, Basabo, Dhaka	147.
94.	Chowdhury Welfare Trust, 11 Gulshan Road 47, Dhaka-1212, Tel: 607760	148.
95.	Dhaka Ahsania Mission (DAM), House 8, Road 12, Dhanmondi R/A Dhaka-1209. Tel: 317347	149.
96.	Dharma Bishayak Gabeshana O Samaj Kalyan Sangstha, Sha-84 (Satarkul Road) Uttar Badda, Gulshan, Dhaka-1212	150.
97.	Development Centre International (DCI), 37 station Road 5th floor, Tejgaon, Dhaka-1215	151.
98.	Diakonia, House 40, Road 4A, Dhanmondi R/A, Dhaka, Tel: 507500, 863092	152.
99.	Dipshikha (Non-Formal Education, Training & Research Society for Village Development), Dipshikha Bhaban 282/5, Ist Colony (Lalkuty) Mazar Road, Mirpur-1, Dhaka-1218, Tel: 802276, 326621	153.
100.	Dhour Jana Kalyan Sangha, Dhour PO. Nishatnagar, Dhaka	154.
101.	David Livingstone International, 548 Uttar Kafrul, Dhaka Cantt, Dhaka 1206 Tel: 600969	155.
102.	Development for the Poor (DP), 6/21 Block-B Humayan Road, Mohammadpur, Dhaka Tel: 323884, 324424	156.
		157.



103. Education for All, 249/1, South Jatrabari, Dhaka 1204 Tel: 259794
104. Economic Community and Health Organization, 932/A, East Rajabazar, Suktara Building, (2nd floor) Tejgaon Dhaka-1215
105. Enfants Du Monde (EDM), 12 Road 15, Dhanmondi R/A, Dhaka-1209, Tel: 316943, 314133
106. Fellowship for the Advancement of visually Handicapped (FAVH), 6/9 block-C, Lalmatia, Dhaka-1207 Tel: 319276
107. Families for children, 70/4 India Road, Dhaka Baby Home, Tejgaon Dhaka-1215 Tel: 318961
108. Family Development ALD, 141 Azimpur Road, Dhaka 1205 Tel: 505574
109. Family Development Services and Research, House 14, Road 125, Gulshan-1, Dhaka-1212 Tel: 607475
110. Food for the Hungry International-Bangladesh, 100 Road 8 Block-F Banani Dhaka 1213 Tel: 610826
111. Finish Free Foreign Mission in Bangladesh (FFFM-B), 6/11 F, Lalmatia Housing Estate, Dhaka-1207, Tel: 514691
112. FFFM-B Day Care Centre, 6/5 Humayun Road, Block-B, Mohammadpur, Dhaka-1207, Tel: 319796
113. Friends in village Development-Bangladesh (FIVDB), Home 77, Road 7A, DRA, Dhaka-1209 Tel: 325189
114. Fatema Sangstha, House 61, Road 8/A, Dhanmondi R/A, Dhaka, Tel: 329133
115. Family Planning Association of Bangladesh, 2, Naya Paltan, Dhaka 1000, Tel: 616134-6, 417552-3
116. Family Planning services and Training Centre, 103, New Circular Road, Dhaka-1217, Tel: 407943, 414735
117. Gonoshasthya Kendra (GK), P.O. Nayarhat, Via Dhamrai, Dhaka Tel: 5000720, 6863567
118. Gono Prochoron, 14/E Road 6, Dhamrai, Dhaka, Tel: 500720, 863567 (Dhaka), 402245 (Savar)
119. Gono Gabeshana-O-Gono Unnayan Foundation, 1/E/5, Jikatola, West Dhanmondi, Road 7A, Dhaka-1209
120. Gono Swanirvar Sangstha, Gobindapur, PO. Matuail Demra, Dhaka
121. Gono Unnayan Procheta(GUP), 130/10C Babar Road, Block-B Mohammadpur, Dhaka 1207, Tel: 314529, 324925
122. Goran Women Welfare Forum, 291 East Goran, Dhaka-1219
123. HEED Bangladesh, Plot 19, Section 11A, Mirpur Main Road, Dhaka-1221, Tel: 803558, 802249, 382753
124. Health For All, 39 Dilkusha C/A Fifth Floor, Dhaka-1000
125. Helen Keller International (HKI), House 40A, Road 14A, Dhanmondi, Dhaka Tel: 325628
126. Hossaini Samaj Kalyan Pradip Sangstha, 157/1, R.K. Mission Road, Dhaka-1203
127. Jatio Adhumpayee Forum (JAF), 71, Khilgaon Hajee Para, Dhaka-1219 Tel: 416326
128. Baitul Kamal, 132 shantibag Dhaka 1217 Tel: 412624
129. Jagoroni Chakra (JC), T/2 Noor Jahan Road, Mohammadpur, Dhaka-1207, Tel: 327535
130. Japan Overseas Corporation Volunt.(JOCU), (Non-Funding Agency) Plot No. NW(C)1, R#62/63, Gulshan Dhaka-1212 Tel: 602792, 603723
131. Jagoroni Samaj Kalyan Samity, 930 East Monipur, Section-2, Dhaka-1216 Tel: 802555
132. Jatiyo Sechhasebi Sangathan, 24 Gopibag 1st lane, Dhaka-1203, Tel: 283912, 415048
133. Jatio Tarun Sangha, 21-23 Hazirbagh Road PO Zikatola, Dhaka-1204, Tel: 503761, 506575
134. Mirpur Agricultural Workshop & Training School, Pollabi Section-12, Mirpur, Dhaka Tel: 801107, 382544, 382773
135. Missionaries of Charity, 26 Islampur Road, Dhaka
136. Mennonite Central Committee (MCC) 1/1, Block-A, Asad Gate, Mirpur Road, Mohammadpur, Dhaka-1207, Tel: 316461, 317065, 314366
137. Mouchak Maulik Chahida Karmasuchi, H#312, (2nd Floor) R#2, Baitul Aman Housing Society, Adobar, Syamoli, Dhaka Tel: 317166
138. Moudubi Health & Agricultural Development Project, 5/1 Sir Syaed Road (1st floor) Mohammadpur, Dhaka-1207 Tel: 310315
139. Micro Industries Development Assistance Society (MIDAS), House 5, Road 16, Dhanmondi R/A, Dhaka 1209 Tel: 310335, 326558
140. Manikganj Janasankha Simitakaran Samity (MJSS), House 55, (2nd floor) Road 4, Dhanmondi R/A, Dhaka Tel: 501569
141. Masjid Samaj Bangladesh, 6/23, Block-E, Lalmatia, Dhaka-1207 Tel: 326269, 318453
142. Manab Sampad Unnayan Kendra, 14/20, Iqbal Road, Mohammadpur, Dhaka-1207
143. Nayan Action Foundation, 63-64 New Paltan Lane, Azimpur, Dhaka-1205
144. National Council of YMCAs of Bangladesh, 82 Green Road, Tejgaon Dhaka-1215, Tel: 311689, 319524
145. YMCA-Dhaka, 46 New Eskaton Road, Dhaka, Tel: 408204, 418939
146. National Christian Fellowship of Bangladesh, 4, Green Corner, Green Road, Dhaka-1205 Tel: 507274
147. National Development Foundation (NDF), 4/3 Block-C, Lalmatia, Dhaka-1207 Tel: 314139, 325382, 412385
148. National Games for Disabled Association, 14 Road 15 Dhanmondi R/A, Dhaka-1209 Tel: 314813
149. Nijera Kori, 10/9 Iqbal Road, Mohammadpur, Dhaka-1207 Tel: 323427
150. New Life Centre, 22/12, Tajmahal Road, Mohammadpur, Dhaka-1207 Tel: 328678
151. Nari Maitree, 345/2, East Goran, Dhaka-1219 Tel: 414362
152. Organisation for Social Action, 47/L Azimpur Colony Dhaka-1205, Tel: 508105
153. OXFAM, 6/8 Sir, Sayed Road Block-A, Mohammadpur, Dhaka-1207 Tel: 315386, 319617
154. Paribartan Organisation for Rural Reconstruction and Development, 40/42, Taherbagh, Nawabpur, Road, Dhaka-1000
155. Progressive Assistance for Social Service (PASS), Savar Bazar Road PO Savar, Dhaka-1340, Tel: 483
156. Palli Shishu Foundation of Bangladesh, House 6/A, Barabag Section-2, Mirpur, Dhaka-1216 Tel: 383474
157. Presbyterian Fellowship in Bangladesh (PFB), 131, Green Road, Jahanara Garden, Tejgaon Dhaka-1215 Tel: 313727





158. Pathfinder International, House 15, Road 13-A, Dhanmondi R/A, Dhaka 1209, Tel: 310719, 315883, 325829
159. Programme for the Introduction and Adoption of Contraceptive Technology-Bangladesh (PIACT), 1/7 Block-A, R#5, Lalmatia Housing Estate, Dhaka-1207, Tel: 317683, 324940
160. Proshika Manobik Unnayan Kendra (PMUK), 5/2 Iqbal Road, Mohammadpur, Dhaka-1207 Tel: 315068-9, 326314
161. Palli Shishu Foundation of Bangladesh, House 6/A, Darabag (Section-2) Mirpur, Dhaka-1216 Tel: 383474
162. Pioneer Samaj Kalyan Parishad (PSKP), 757/C, Khilgaon, Dhaka-1219 Tel: 402469
163. Progoti Samaj Kalyan Protisthan and Paribar Parikalpana Sangstha, 281, Ibrahimpur, Dhaka Cantonment, Dhaka-1206, Tel: 608747
164. Paralegal Training Service Centre, 77 Purana Paltan Line (1st floor) Dhaka 1000 Tel: 409597
165. Palli unnayan Kendra (PUK), 2/H shyamoli, Road No-1 Dhaka-1207 Tel: 319510
166. Palli Unnayan and National Agriculture Management, 8/8 Lalmatia Block-A, Dhaka-1207 Tel: 324041
167. Rabita Al-Alam Al Islam (Muslim World League), 14, Road 6, Dhanmondi R/A, Dhaka-1205 Tel: 506917, 411675
168. Rural Aid Bangladesh, House 43A, Road 5, Dhanmondi R/A, Dhaka-1205, Tel: 506888
169. Radda Barnen, House 55, Road 5, Dhanmondi R/A, Dhaka-1205, Tel: 865231
170. Red Barnet-Denmark (Danish Save The Children), House 67, Road 8A, Dhanmondi R/A, Dhaka-1209, Tel: 815547, 314619
171. Rehabilitation of children through Education Programme Sec-6, Ave-4, Block-6 Plot-3 Mirpur, Dhaka-1216
172. Royal Commonwealth Society for the Blind, House 14, Road 15, Dhanmondi R/A, Dhaka-1209, Tel: 314813, 329109
173. Rural Development and Health Centre Foundation, 12 Mymensingh Road, Dhaka Tel: 504294, 504236
174. Rangpur Dinajpur Rural Service (RDRS), House 62, Road 7A, Dhanmondi R/A, Dhaka-1209, Tel: 310101-5
175. Resource Integration Centre (RIC), 3/9 Block-C, Lalmatia, Dhaka 1207 Tel: 311839
176. Rehabilitation Welfare Society (RWS), B/61, F-9 Motijheel Government Colony, Dhaka-1000
177. The Salvation Army, 3/12 Block-B Lalmatia, Dhaka-1207 Tel: 314531
178. South Asia Partnership Bangladesh (SAP-B), 3/18, Iqbal Road, Mohammadpur, Dhaka-1207 Tel: 329686
179. Society for Action Research and Development (SARD), 78 Outer Circular Road, Maghbazar, Dhaka-1217
180. Save the Children Fund-UK (SCF-UK), House 36, Road 16 Dhanmondi R/A, Dhaka-1209, Tel: 314885, 311307
181. SCF-UK-DHAKA, Children Nutrition Unit, 2 Baro Maghbazar, Dhaka, Tel: 402067, 403142, 408240
182. Save the children Fund - Australia (SCF-AUS), 1/11A, Iqbal Road, Mohammadpur, Dhaka-1207, Tel: 328324
183. Service Civil International Bangladesh (SCI-B), House 89A, Road 8A, Dhanmondi R/A, Dhaka-1209, Tel: 313623
184. Save the Children Fund (SCF-USA), House 33A, Road 9A, Dhanmondi R/A, Dhaka-1209, Tel: 317454, 315291, 326735
185. SOS Children's Village International in Bangladesh, 1, Shyamoli Mirpur Road, Dhaka-1207 Tel: 312667, 312409, 325995
186. Seventh Day Adventist World Service, Garden Road, 147 Shah Ali Bag Mirpur Dhaka
187. Social Development Foundation, 131 Lake Circus, Kalabagan, Dhanmondi, Dhaka-1205
188. Society For Economic and Basic Advancement (SEBA), 68/3, Siddeswari Road, Dhaka-1217 Tel: 417076
189. Socio-Economic Development Organisation, 3/F, Shaymoli, Street-1, Dhaka-1207 Tel: 326150
190. Socio-Economic Development Society (SEDS), House 293, Road-2, Baitul Aman Housing Society, North Adabor, Shymoli Dhaka-1207.
191. Socio-Economic & Education Development Society (SEEDS), 258/777 Habib Mansion Bara Magh Bazar (1st floor) Dhaka-1217
192. Swedish Free Mission, 44 Road 13A, Dhanmondi Dhaka, Tel: 310911-7
193. Society for Those who Have Less, 5/8 Block-C (Ground floor), Lalmatia, Dhaka-1207 Tel: 317403
194. Santal Mission Norwegian Board, House 6, Road 14, Dhanmondi R/A, Dhaka-1209, Tel: 317809, 314290
195. Shishu Mongal O Samaj Kalyan Samity, K-5 Kazi Nazrul Islam Road, Mohammadpur, Dhaka-1207 Tel: 318567
196. Sekandar Memorial Trust, 23/8 (1st floor) Shyamoli Mirpur Road, Dhaka-1207, Tel: 318741, 325963
197. Shapla Neer, 7/9 Sir Syaed Road, Block-A, Mohammadpur, Dhaka-1207, Tel: 313550, 328936
198. Saptagram Nari Swanirvar Parishad (SNSP), 23/1 Purana Palton Lane, Dhaka-1000, Tel: 416849
199. Society for Project Implementation, Research, Evaluation & Training (SPIRET) 8/3, Segunbagicha, Ramna, Dhaka-1000 Tel: 233364
200. Sight Savers Royal Commonwealth Society for the Blind, House 14, Road 15, Dhanmondi R/A, Dhaka-1209, Tel: 814696-7
201. Shishu Sastha Foundation Bangladesh (SSF-B), Plot 6/2, Barabag, Section-2, Mirpur, Dhaka-1216 Tel: 382188
202. Surovi, 16, Road 5, Dhanmondi Dhaka-1205 Tel: 509655, 502822
203. Samaj Unnayan Samity, 8/2 Block-C lalmatia, Dhaka-1207
204. Technical Assistance Cell for Rural Development (TARD) Anandapur, Saver, Dhaka Tel: 149
205. TARD Coordination & Technical Assistance (CTA) Unit, 1/15 Humayun Road, Mohammadpur, Dhaka-1207 Tel: 314694
206. Terre Des Hommes-France (TDH-F), 51 Siddheswari lane, Shanhi nagar, Dhaka-1217 Tel: 402994
207. TDH - Netherlands, House 670/A, Road 11, Dhanmondi R/A, Dhaka-1209, Tel: 326560-1
208. TDH - Switzerland, House 27, Road 14/A, Dhanmondi R/A, Dhaka-1209, Tel: 811041
209. Trust for the Rehabilitation of the Paralysed, Chapain PACT, Savar, Dhaka
210. Centre For The Rehabilitation of the Paralysed (CRP), 6/8 Sir Sayed Road Mohammadpur Block-A, Dhaka-1207 Tel: 317092
211. Under Privileged Children Education Programmes (UCEP), Plot 2&3 Mirpur, Section-2, Dhaka-1210, Tel: 381912, 383503-4

212. Ud
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- District Gazipur**
237. Assi
238. CAR
239. Datta
240. Dhaka
241. Devel
242. Gono
243. Gazip
244. Prosh
245. Bang
246. Devel
247. Frie
248. Prosh
249. Shish
250. Techn
251. Terre
- District Jamalpur**
252. Assist
253. Azad
254. Bangl
255. Christ
256. Family
257. Provat
258. Protiv
259. Rehab
260. Samaj
261. Sapt
262. Samaj
263. Unnay



212. Uddipan, D/6 Block-E, Zakir Hossain Road, Mohammadpur, Dhaka-1207
213. Uddyom - Netherlands, 73 New Elephant Road (2nd floor) Dhaka-1205 Tel: 504937
214. Unnayan Sangha, N/21, Nurjahaan Road, Mohammadpur, Dhaka-1207
215. Unitarian Service Committee of Canada in Bangladesh (USCCB), 1/4 Block-F, Lalmatia, Dhaka-1207, Tel: 812031
216. Unity for Social and Human Action (USHA), 9/5 Iqbal Road (Ground floor) Block-A, Mohammadpur, Dhaka-1207 Tel: 811527
217. Unnayan Sahayok Sangstha, 105, Dokkhin Basabo, Dhaka-1214, Tel: 413549
218. Unnayan Sahajogy Team (UST), 739 Road 9, BACHS, Adabor, Shymoli Dhaka-1207, Tel: 324431
219. United Towns Organisation - Bangladesh, 15 Purana Paltan Dhaka-1000 Tel: 281049
220. Unity Through Population Service (UTPS), House 15, Road-35 Sector 07, Uttara Model Town, Dhaka 1230, Tel: 604896, 610860
221. Voluntary Association for the Distressed (VAD), 8/15 Sir Sayed Road, Mohammadpur, Dhaka-1207 Tel: 328223
222. Vegetable Dye (R&D) Society, 55, Road 15a, Dhanmondi Dhaka 1209 Tel: 329656
223. Village Education Resource Centre (VERC), Vill: Anandapur (Genda), Post: Savar, Dhaka Tel: 06226-412, 06226-779
224. Voluntary Family Development Association (VFDA), Surjamukhi Saystha 23, Dilkusha C/A, Tel: 252984
225. Voluntary Health Services Society (VHSS), 273-274 Baitul Aman Housing Society R#1 Adabar Shyamoli, Dhaka-1207, Tel: 812962, 815755
226. Voluntary Organisation for social Development (VOSD), 8/8 Lalmatia Block-A, Mohammadpur, Dhaka-1207 Tel: 324041
227. Voluntary Services Overseas (VSO), House 6A, Road 14 Dhanmondi R/A, Dhaka-1209, Tel: 811845, 313943
228. World Food Programme (WFP), House 69 Road 11A, Dhanmondi R/A, Dhaka-1209, Tel: 315125-9, 315536, 3244182
229. Unirock International (Human Resources Development Division), C/O. BARC, Farmgate, Dhaka-1215
230. Worldview International foundation (WIF), House 76A, Road 12A, Dhanmondi Dhaka-1209 Tel: 325661, 311649
231. WIF Nutritional Blindness Prevention Program, H#76A, R#12A, (Grd.FL.) Dhanmondi R/A, Dhaka-1209, Tel: 316834, 813138
232. Women's Madrasa foundation Bangladesh, Farmview Super Market (3rd floor) Farm Gate Dhaka.
233. World vision of Bangladesh (WVB), House 27, Road 16, Dhanmondi R/A, Dhaka-1209, Tel: 315191-5
234. Women For Women, 15, Green Square, Green Road, Dhaka-1205 Tel: 504697
235. Youth Development Council of Bangladesh, 44 Naya Paltan, Dilkusha Dhaka-1000 Tel: 415764
236. YDCB, 64/3/A R.K.Mission Road, Dhaka-1203

#### District Gazipur

237. Assistance for Blind Children (ABC) Complex, P.O. Salna Bazar, Gazipur, Tel: 2220
238. CARITAS, UZ Kaliganj, Gazipur
239. Dattapara Rehabilitation Centre, Tongi Gazipur Tel: 691409
240. Dhaka Ahsania Mission, Gazipur, Chandhuna Post & District: Gazipur
241. Development Centre International - Kapasia Prokalpo, Vill: Taugra P.O. Sreepur, Gazipur
242. Gonoshasthya Kendra - Sreepur, Vill- Tangra PO Sreepur, Gazipur
243. Gazipur Unnayan Sangstha, Vill & PO Chaudona (Chourasta), Gazipur Tel: 2109
244. Proshika Manobik Unnaayan Kendra - Kaliakoir, P.O. Fulbaria, Gazipur
245. Bangladesh Association for Voluntary Sterilization Tongi Clinic, K B Bazar, Gazipur
246. Development for the Poor - Dolan Bazar, P.O. Kalapatha, Kaliganj, Gazipur
247. Friends of Bangladesh - USA, Dattapara, Tongi, Gazipur 1205 Tel: 691387, 313897
248. Proshika Manobik Unnayan Kendra - Sreepur, Vill & P.P. Maonaleasar, Gazipur
249. Shishu Shastha Foundation Bangladesh - Ekdala, Ekdala, P.O. Taraganj, U.Z: Kapasia Dist. Gazipur
250. Technical Assistance Cell for Rural Development (TARD) - Kaliakoir, Baraibani, Boali, Kaliakoir, Gazipur
251. Terre Des Hommes - Netherlands - Tongi, Dattapara, Tongi - Garipur

#### District Jamalpur

252. Assistance for Blind Children Sponsored Hostel, Shingjani Muslim High School, Jamalpur Tel: 3273
253. Azad Muslim Welfare Complex - Bangladesh, Jamalpur Shingjani High School Complex
254. Bangladesh Association for Community Education River Project, Vill: Pollakandi P.O. Farazipara U.Z: Dewanganj, Jamalpur
255. Christian Reformed World Relief Committee - Jamalpur, New College Road, Kacharipara, Jamalpur, Tel: 3248
256. Family Planning Association of Bangladesh - Jamalpur, C&B Road, Jamalpur, Tel: 3205
257. Provaty Mohila Kalyan Samity, Vill & Post: Langaljhara, Jamalpur-2000
258. Protiva Sahitya Sanskritik Samaj Seba Sangathan, Post: Malamganj Bazar, Islampur, Jamalpur 2031
259. Rehabilitation Welfare Society (RWS), Dapunia, Jamalpur
260. Samaj Progati Sangstha, Sardar Para, Shahid Harun Sarak, Jamalpur-2000
261. Sapta Shikha Sangha, Polashghar, Jamalpur-2000
262. Samaj Unnayan Sangstha, Sarder Para, Jamalpur-2000
263. Unnayan Sangha, New College Road, Nayapara, Jamalpur



**District Tangail**

264. Assistance for Blind Children (CBR Project), Akur Takur Para, P.O & Dist: Tangail, Tel: 4139
265. Association for Social; Advancement Madhupur Project, Adalatpara P.O. Madhupur, Tangail
266. Association for Social Development, Kaloha, P.O Kaloha Bazar, Tangail
267. Artho Samajik Unnayan Sangstha Basail, Upazila Bazar, Basail, Tangail
268. Atmanirvarshil Samaj Unnayan Protisthan, Shaya Bazar, Post: Palima, Kalihati Tangail-1975
269. Bangladesh Association for Voluntary Sterilization - Tangail Clinic, Biswas Betka, Dhaka Tangail Road, Tangail
270. Bhuapur Upazila Jamuna Nadi Upakalio Dustho Shishu Kalyan Sangstha, Vill: Bhuapur P.O & U.Z: Bhuapur, Tangail
271. CARE - Mirzapur, DC Banglow Mirzapur, Tangail 1940 Tel: 219
272. CARE Tangail, P.C. Sarkers House, Ashekpur, Tangail-1990 Tel: 3585
273. CARITAS, Vill & P.O. Modhupur, Dist: Tangail
274. Church of Bangladesh Social Development Programmes Edilpur, Madhupur, P.O: Kakraid Tangail
275. Charu Sangha, Brahman Shashon P.O Zahidganj U.Z: Ghatail, Tangail
276. Dhunail Krishi Samabaya Samity, P.O. Bhadra U/Z: Nagarpur, Tangail
277. Dustho Manob Unnayan Sangstha, Vill & Post: Bhadra U/Z: Nagarpur, Tangail
278. Daptiar Nabajagoron Sangha, Vill: Daptiar P.O: Paikel U/Z: Nagarpur, Tangail
279. Development for the Poor - Dewdighi, Vill: Dewdighi P.O: Nalua Bazar, Sakhipur, Tangail
280. Dholkan Progoti Sangha, Vill: Dholkan P.O: Jogipal U/Z: Kalihati, Tangail 1974
281. Food For All, Vill: Shibpur P.O: Shibpur U/Z & Dist: Tangail
282. Family Development Services & Research, Post: Zaoil Bazar, Gopalpur, Tangail,
283. Family Planning Association of Bangladesh - Tangail, Akur Takur, Zila Sadar Road, Tangail Tel: 3073
284. Five Star Jubo Sangha, Vill: Akhdala P.O Aiesora Tangail
285. Goriber Bandhu Kalyan Sangha, Maista P.O: Nagarbari, Tangail 1976
286. Gono Kalyan Samity, Vill: Ghobudia P.O: Madhupur, Tangail
287. Gorla Samaj Unnayan Kendra, P.O & U/Z: Kuchati, Tangail
288. Ghatandi Unnayan Sangstha, PO & U/Z: Bhuapur, Tangail
289. Hennaipara Jubo Samity, P.O: Elenga U/Z: Kalihati, Tangail
290. Jagarani Bashi Sangha, P.O: Elenga U/Z: Kalihati, Tangail
291. Jalchatra Hospital & Leprosy Control Project, P.O: Jalchatra U/Z: Madhupur, Tangail-1996
292. Jagorani Jubo Sangha, Vill & P.O: Rasulpur, Tangail
293. Mouchas Unnayan Sangstha, Vill: Kakraid, U/Z: Madhupur, Tangail-1296
294. Palli Artho Naitik Unnayan Sangstha, Akur Takur Para (Taltola) Dist: Tangail-1900
295. Pan Chhara Jana Kalyan Samity, Vill: Panchhara P.O: Bhadra U/Z: Nagarpur, Tangail
296. Paisana Krishi Unnayan Sangstha, P.O: Paisana U/Z: Nagarpur, Tangail
297. Proshika Manobik Unnayan Kendra - Mirzapur, Vill: Patharghatta P.O: Khaliajani, Mirzapur, Tangail
298. Proshika Manobik Unnayan Kendra - Nagarpur, P.O Nagarpur, Dist: Tangail
299. Proshika Manobik Unnayan Kendra - Sakhipur, Vill: Sakhipur, Dist: Tangail
300. Proshika Manobik Unnayan Kendra - Delduar, Vill & Post: Delduar, Dist: Tangail
301. Proshika Manobik Unnayan Kendra - Basail, Vill & P.O: Basail, Dist: Tangail
302. Purbasinda Samaj Kalyan Samity, Vill: Purba sinda P.O: Kasturipara U/Z: Kalihati, Tangail
303. Palli Unnayan Sangstha, Vill & P.O.: Elenga Dist: Tangail-1974
304. Rupear Boira Palli Unnayan Jubo Club, Vill: Ruplear Boira P.O: Pouchteakri, U/Z: Ghatail, Tangail
305. Service Civil International - Bhuapur Development Project, Krishi bank Buildings, C & B Road U/Z: Bhuapur, Tangail
306. Service Civil International - Tangail Group (Unit office), C/o: Advocate Md. Shah Alam, Judge Court, Tangail
307. Save the Children Fund, USA, Tangail, Vill: Dherua, P.O: Deohata, Mirzapur, Tangail
308. Socio Economic Development Society - Nagarpur, Vill & PO: pakutia, U/Z: Nagarpur Dist: Tangail
309. Sharatia Gazi Krishi Samabaya Samity, P.O: Bhadra U/Z: Nagarpur, Tangail
310. Salimabad Jana Kalyan Samity, Vill: Salimabad, U/Z: Nagarpur, Tangail
311. Sukhi Paribar Club, Vill: Kandila. Post: Shibpur, Tangail
312. Sishu Shastha Foundation, Bangalesh, Vill & Post: Nalua, U/Z: Sakhipur, Dist: Tangail
313. Samaj Unnayn Samity, Vill & Post: Bhadra U/Z: Nagarpur, Tangail
314. Tangail Rural Development Cell, Bhabanipur, Post: Putiajani Bazar, U/Z: Delduar, Tangail
315. Unity for Social and Human Action (USHA), Post & Vill: Paikara, U/Z: Kalihati, Tangail



**District Narayanganj**

316. Bangladesh Notional Youth Council - Integrated Rural Development Service Adhunik Sonali Khamar Vill: Bhuiyagr, Post: Kutobpur, Pagla, Narayanganj
317. Development Centre International - Arai Hazar Prokalpo Vill: Lalur Kandi, Post: Nayanabad, U/Z: Arai Hazar, Dist: Narayanganj

**District Mymensingh**

318. ADAB Mymensingh, 3/K College Road (2nd floor), Mymensingh Tel: 4319
319. Assistance for Blind Children Sponsored Hostel, The Edward Instit. Mymensingh Tel: 4165
320. Annesha Chakra, 22/B-CK Ghosh Road, Mymensingh 2200 Tel: 5964
321. Association for Social Advancement Mymen.54, Daulat Munshi Rd, Mymensingh Baghmara
322. Adarsha Samaj Kalyan Samity, Vill: Dakshin Balipara Post: Dhalla Trishal, Mymen.-2223
323. Artho Samajik-O-Sanskritic Agragati Sangstha, Uttar Bazar, Station Rd., Goripur, Mymen.
324. Adarsha Samaj Seba Samity, R.K. Mission Road, Chak Sehara, Mymensingh
325. Bangladesh Institution of Agricultural - Research and Demonstation Centre Rasulpur Forest Nursery, P.O: Gabtoli, Mymensingh
326. CARE - Mymensingh, 10-B Bishweshari Debi Road, Mymensingh-2200 Tel: 4484
327. CARITAS - Mymensingh, 95/B Brahmapalli Road, Baghmara, Tel: 4893
328. Community Health CARE Project-Mymensingh, Habirbari.P.O: Seedstore Bazar, Upazila: Bhaluka, Mymensingh.
329. Concern - Mymensingh, Holding No-52A, Ward No-1, KC Dey Road, Mymensingh Tel: 4780
330. Charpara Tarun Shangha, Charpara, Phulpur, Mymensingh-2200
331. Economic Community and Health Organization, Vill & Post: Nalkuna U/Z: Haluaghat, Mymensingh
332. Family Planning Association of Bangladesh - Mymensingh, 44 CK Ghose Road, Laboni Villa, Mymensingh Tel: 4329
333. Gono Shahajjo Sangstha, 114/A Bagmara Road, Mymensingh
334. Mymensingh Palli Unnayan Proyash, Vill & Post: Tarakanda Bazar, Phulpur, Mymensingh-2252
335. Nayan Action Foundation, Type Training Centre, Trishal Bazar (1st floor) Trishal 2220, Mymensingh
336. Provaty Mahila Unnayan Samity, Post: Mukshapur U/Z: Trisal, Mymensingh
337. Rural AID Bangladesh, Kristopur, Daulat Munshi Road, Polash Bari, Mymensingh
338. Shahora Bohumukhi Samaj Kalyan Samity, 98 (Niromala bash) Purahit para, Mymensingh-2200
339. Service Civil International, Mymensingh Unit, 50 CK. Ghosh Road, Mymensingh-2200
340. Uddom Bahumuki Samaj Kalyan Sangstha, 4, Issan Chakroborty Road, Upazila: Sadar, Mymensingh-2200
341. World Vision of Bangladesh - Mymensingh, Mahoganj Road, Kachijhuly, Mymensingh, Tel: 5040

**District: Manikganj**

342. ADAB - Manikganj, Bus Stand Road, Wireless Gate, North Gate Manikganj-1800
343. Association for Rural Advancement in Bangladesh (ARAB), Bewtha Road Manikganj Town, Manikganj
344. Association for Social Advancement - Manikganj Project, Post & Dist: Manikganj Tel: 376
345. Bangladesh Jatio Samaj Kalyan Samity, Awlia Nagar, Post: Jhitka, Manikganj-1831
346. Borongokhola Sabuj Sangha, Vill: Borong Khola, Post: Joynagar, Manikganj
347. Baraid Palli Mongol Samity, Vill & Post: Baraid U/Z: Saturia, Manikganj-1800
348. Butni Sanchoy O Rindan Samity, Vill & Post: Butni U/Z: Shibaloja, Manikganj
349. Christian Commission for Development in Bangladesh, Uthali, Manikganj Tel: 92
350. Desh Gori, Vill: Dakorkhaly Post: Intajganj Manikganj-1800
351. Ford Nagor Adarsha Samaj Kalyan Jubo Sangha, Vill: Ford Nagar Post: Dhalla Bazar, U/Z: Singair, Manikganj
352. FGARM, Vill: Dakorkhaly Post: Intajganj Manikganj-1800
353. Gawsul Azam Hazrat Abdul Quader Zilany (R) Orphanage, Vill: Jhitka Sharif Post: Jhitka, Manikganj-1831
354. Gopinathpur Charpara Progoti Sangsad, Vill: Gopinathpur Chrpura Post: Jhitka U/Z: Harirampur, Manikganj
355. Gono Shastha Kendra - Saturia, Vill: Mahishaloja U/Z: Saturia, Manikganj
356. Gono Kalyan Trust, Vill & Post: Saturia Manikganj-1016
357. Gram Unnayan Sangstha, Vill & Post: Mahadevpur U/Z: Shibalaya, Manikganj
358. Hat Charkatari Matri Kendra Mohila Samity, Daulatpur, Manikganj-1831
359. Hazrat Mohammad(SM) Mission, Awlia Nagar, Post: Jhitka, Manikganj
360. Harirampur Thana Public Library, Thilka Bazar, Post & Dist: Manikganj-1831
361. Islamic Development Organisation, Post: Mohaderepur, Manikganj-1803
362. Islamic Organization for social Developement, Vill & Post: Dhankora, Manikganj
363. Islamic Rehabilitation Assistance Programme, Vill: Tarail Post: Bauiajury U/Z: Ghior, Manikganj-1800
364. Islamic Rehabilitation Assistance Programme, Vill: Gala Post: Barahatkora U/Z: Daulatpur Dist: Manikganj
365. Jano Kalyan Sangstha, Vill: Bibirasti Post: Butni, U/Z: Shibalya, Manik
366. Jabra Nabarune Sangha, Post: Tora, Ghior, Manikganj



367. Jagoroni Sangha, Vill: Char Satura, Post & U/Z: Satura, Manikganj
368. Jubo Unnayan Sangstha, Vill: Jabra Post: Tora U/Z: Ghior, Manikganj
369. Khashir Char Gram Unnayan Sangha, Vill: Khashir Char, Post: Dhalla Bazar, Singair, Manikganj
370. Kulfa Gosthi Manikganj Tongi Manikganj
371. Kushunda Janata Sangha, Vill: Kushunda Post: Ghior, Manikganj
372. KMGJS Kristy O Kalyan Sangsad, Vill: Machain Post: Maluchi U/Z: Harirampur, Manikganj
373. Kaliakora Mitali Sangaha, Post: Pecharkonda, ghior, Manikganj
374. Manikganj Association for social/Services, Mazar Sharif Road, Manikganj Town, Manikganj Tel: 272
375. Manikganj Jana sankha Shimitakaran Samity, Manikganj-1800, Tel: 461
376. Mohila Unnayan Sangstha, Post: Manikganj Bazar, Manikganj
377. Mahomedan Youth Club, Shibalay, Manikganj
378. Nabagram digbijoy Club, Post: Nabagram, Manikganj
379. Nibedito Pran Kormi Sangha, Post: Hat Bejoynagar, Shibalaya, Manikganj
400. Nayachar Udayan Sangha, Post: Baniajuri, Ghior, Manikganj
401. Nali Samaj Kalyan Sangstha, Post: Nali, Union: Arua, UZ: Shibalaya, Manikganj
402. Organisation for Social advancement, Falsatia, Post: Barangail, UZ: Shibalaya, Manikganj-1804
403. Poor and Helpless Development Organisation, P.O: Gangutia, Dhamrai, Manikganj
404. Paragram Mohila Samabaya Samity, Vill: Paragram Post: Hat Bijoyanagar U/Z: Shibalaya, Manikganj
405. Pather Parichoy Sangsad, Krishnapur Post: Balirtak, Manikganj
406. Proshika Manobik Unnayan Kendra - Manikganj, Vill: Kampta Post: Dhankora, Satura, Manikganj
407. Proshika Manobik Unnayan Kendra - Ghior, Post: Ghior, Manikganj
408. Proshika Manobik Unnayan Kendra - Harirampur, Post: Diabari, U/Z: Harirampur, Dist: Manik
409. Proshika Manobik Unnayan Kendra - Singair, Vill: Baimail Post: Baira U/Z: Singair, Manikganj
410. Proshika Manobik Unnayan Kendra - Daulatpur, Vill & Post: Daulatpur, Dist: Manikganj
411. Palli Unnayan Sangstha, Vill: Kamura Post: Dhalla Bazar, U/Z: Singair, Manikganj
412. Save the Children Fund - U.S.A., Manikganj, Vill: Jabna, Post: Tora, Dist: Manikganj
413. Socio-Economic Development Agency, Post: Pukharia, U/Z: Ghior, Manikganj-1800
414. Socio-Economic Development Society Satura, Vill: Jagatnagar, Post & Upazila: Satura, Dist: Manikganj-1810
415. Samaj Kalyan O Palli Unnayan Sangstha, Post: Rupsa U/Z: Shibalaya Dist: Manikganj-1850
416. Social Organisation for Rural Development, Post: Baniajuri U/Z: Ghior, Manikganj-1800
417. Samabaya Sanchoy-O-Rindan Samity, Post: Butoni, Shibalaya, Manikganj
418. Samaj Seba Samity, Mazarsharif Road, Manikganj Town, Manik
419. Social; Welfare University, Awlia Nagar, Post: Jhitka, Manikganj
420. Technical Assistance Cell for Rural Development, Singair,,Basta Dhalla, Singair, Manikganj
421. Terosree Bittoheen Samabya Samity, Post: Terosree, Ghior, Manikganj
422. Taluk Nagar Bohumukhi Sat Sangha Samity, Post: Taluk Nagar, Daulatpur, Manikganj
423. United Club, Gilanda Post: Joynagar, Manik
424. Upazila Kendrio Bohumukhi Samaj Kalyan Sangha, Tepra Post: Uthali, Shibaloya, Manikganj
425. Ulail Manik Nagar Karbari Sonali Sangha, Post: Manikganj, Dist: Manikganj
426. Unnayan Sangstha,Post: Terosree, Ghior, Manikganj
427. Udayan Sangaha, Konthapara Post: Purba Khalilpur, Harirampur, Manikganj
67. Udayan Samaj Kalyan Sangsad,Post: Jalla, Satura,
428. Voluntary Organisation for the Needy, Post: Mahadebpur, U/Z: Shibalaya Dist: Manikganj-1803

#### **District : Munshiganj**

429. Bikrampur Legal AID Organisation, Sirajdikhan Post & U/Z: Serjdikhan Dist: Munshiganj Tel: 401947
430. CARITAS - Munshiganj, Vill & Post: Sirajdikhan, Dist: Munshiganj
431. Hossaindi Samaj Kalyan Pradip Sangha, Vill & Post: Hossaindi U/Z: Gazaria, Munshiganj-1511
432. Proshika Manubik Unnayan Kendra - Bikrampur, Vill & Post: Shologhar Via- Sreenagar, Dist: Munshiganj



# ANNEX II INDUSTRIES IN THE NCRS

## II.1 General

The following list of Major Leather & Jute Industries is a compilation from "Pabochita Samsa Directory" (Selected Industries Directory) published by the Department of Industries, Government of the People's Republic of Bangladesh in 1988 (DI 1988).

In addition there are more than 575 Chemical Industries registered in the NCRS. A list including address of these can be found in page 550 to 628 of the above mentioned Directory.

## Supporting Report VI Infrastructure and Existing Schemes Annex II

### Industries in NCRS Area

## **ANNEX II**

### **INDUSTRIES IN THE NCRS**

#### **II.1 General**

The following list of Major Leather & Jute Industries in the NCR have been compiled from "Nirbachita Shilpa Directory" (Selected Industries Directory) published by the Department of Industries, Government of the People's Republic of Bangladesh in 1988 (DI 1988).

In addition there are more than 575 Garment Industries registered in the NCR. A list including address of these can be found in page 550 to 628 of the above mentioned directory.



**TABLE II.1**  
**Leather Industries (Tannery)**

Sl. No.	Name and Address	No. of Employees	Sl. No.	Name and Address	No. of Employees
01.	M/s. Aziz Tannery Hazaribagh, Dhaka Phone: 292928	15	23.	M/s. International Tannery Hazaribagh, Dhaka Phone: 313896, 314184	19
02.	M/s. Ayub Brother's Tannery Ltd. Hazaribagh, Dhaka Phone: 317913	29	24.	M/s. Islamia Tannery Hazaribagh, Dhaka	18
03.	M/s. Anwar Tannery Hazaribagh, Dhaka	29	25.	M/s. Jamila Tannery Hazaribagh, Dhaka Phone: 319466, 312832	31
04.	M/s. Amin Tannery Hazaribagh, Dhaka Phone: 310586	22	26.	M/s. Jalal Tannery 18 Hazaribagh, Dhaka	
05.	M/s. Asia Tannery Hazaribagh, Dhaka	32	27.	M/s. Kamala Tannery Hazaribagh, Dhaka	14
06.	M/s. Abul Bashir Tannery Hazaribagh, Dhaka Phone: 310958	12	28.	M/s. Karsaj Tannery	
07.	M/s. Bangladesh Tannery Hazaribagh, Dhaka Phone: 313918	01	29.	M/s. Tannery Hazaribagh, Dhaka Hazaribagh, Dhaka Phone: 319698	10
08.	M/s. Bellal Tannery Hazaribagh, Dhaka	13	30.	M/s. Kashem Tannery Hazaribagh, Dhaka Phone: 319698	17
09.	M/s. Kroom Leath Corp. Hazaribagh, Dhaka Phone: 315619		31.	M/s. Kalu Leather Corp. Hazaribagh, Dhaka Phone: 507313	25
10.	M/s. Chinise Leather (Pvt) Ltd. 6 Hazaribagh, Dhaka Phone: 282361, 245054	47	32.	M/s. Green Tannery Hazaribagh, Dhaka	18
11.	M/s. Comilla Tannery Hazaribagh, Dhaka	17	33.	M/s. Kustia Tannery Hazaribagh, Dhaka Phone: 507313	40
12.	M/s. Dhaka Tannery Ltd. Hazaribagh, Dhaka	25	34.	M/s. Manikganj Tannery Hazaribagh, Dhaka Phone: 507971	10
13.	M/s. Dimond Tannery Hazaribagh, Dhaka	20	35.	M/s. Mills Tannery Hazaribagh, Dhaka Phone: 315505, 318874	23
14.	M/s. Yousuf Tannery Hazaribagh, Dhaka	12	36.	M/s. M.B. Tannery Hazaribagh, Dhaka Phone: 313887	44
15.	M/s. Feni Tannery Hazaribagh, Dhaka Phone: 313811, 312682	25	37.	M/s. Sorower Leather Corp. C/o. M/s. Madraj Tannery Hazaribagh, Dhaka Phone: 411963, 503160	51
16.	M/s. Forkania Tannery Hazaribagh, Dhaka	15	38.	M/s. Millat Tannery Hazaribagh, Dhaka	20
17.	M/s. Green Arrow Tannery Ltd. Hazaribagh, Dhaka Phone: 505811, 502688	25	39.	M/s. Nur Bhai Tannery Hazaribagh, Dhaka	16
18.	M/s. Gulshan Tannery Hazaribagh, Dhaka	16	40.	M/s. Liakat Tannery Hazaribagh, Dhaka	24
19.	M/s. Grate Eastern Tannery Hazaribagh, Dhaka Phone: 255374, 314683	20	41.	M/s. Noakhali Tannery Ltd. Hazaribagh, Dhaka Phone: 236433, 231117	3
20.	M/s. Gulzer Tannery Hazaribagh, Dhaka Phone: 314150, 316878	13	42.	M/s. Afex Tannery Ltd. Hazaribagh, Dhaka Phone: 236433, 231117	
21.	M/s. H.B. Tannery Ltd. P.O. Habib Oil Mill Postagola, Dhaka. Phone: 317405, 314525	23	43.	M/s. Omar Tannery Co. Hazaribagh, Dhaka Phone: 313958	30
22.	M/s. Helal Tannery Hazaribagh, Dhaka Phone:	21		M/s. Pubali Tannery 44/1, Hazaribagh, Dhaka Phone: 311427, 500001	

Sl. No.	Name and Address	No. of Employees	Sl. No.	Name and Address	No. of Employees
44.	M/s. Poyran Tannery 117/1, Hazaribag, Dhaka Phone: 318815, 317941	7	66.	M/s. Dhaka Hides & Skins Ltd. C/o. M/s. Bangladesh kroom Tannary 147, Hazaribag, Dhaka Phone: 313904, 313365	184
45.	M/s. Royel Tannery Hazaribag, Dhaka Phone: 318815, 317941	28	67.	M/s. Pionier Tannery Hazaribag, Dhaka	15
46.	M/s. Roshan Tannery 78 Hazaribag, Dhaka Phone: 537976	25	68.	M/s. Mohin Tannery Hazaribag, Dhaka	15
47.	M/s. Ba Tannery Ltd. 21 Hazaribag, Dhaka Phone: 405468	28	69.	M/s. Grand Basia Co. C/o. Ferdos Tannery Hazaribag, Dhaka	25
48.	M/s. San Light Tannery 122 Hazaribag, Dhaka Phone: 503916	28	70.	M/s. Oahid Tannery Hazaribag, Dhaka	
49.	M/s. Salam Tannery Hazaribag, Dhaka Phone: 313591	21	71.	M/s. Johir Tannery Ind. Hazaribag, Dhaka	08
50.	M/s. Shahjahan Tannery Hazaribag, Dhaka Phone: 310659, 243461		72.	M/s. G.M. Tannery Hazaribag, Dhaka	31
51.	M/s. Shadin Tannery Hazaribag, Dhaka	63	73.	M/s. Mahtab Tannery Hazaribag, Dhaka Phone: 250649, 283631, 505464	64
52.	M/s. S.N.A Tannery C/o. Crescent Tannery Hazaribag, Dhaka Phone: 317944		74.	M/s. Sadar Tannery Hazaribag, Dhaka Phone: 504799	09
53.	M/s. Tipara Tannery Hazaribag, Dhaka	17	75.	M/s. Nur Trading Corp. Ltd. Hazaribag, Dhaka Phone: 251018, 250718	27
54.	M/s. Taj Tannery 148 Hazaribag, Dhaka Phone: 503365, 311256	65	76.	M/s. East Bengal Tannery Hazaribag, Dhaka Phone: 219103	18
55.	M/s. Valua Tannery Hazaribag, Dhaka	21	77.	M/s. A.S.B.S Tannery Hazaribag, Dhaka Phone: 315519	10
56.	M/s. United Tannery Hazaribag, Dhaka	22	78.	M/s. Metro Tannery Hazaribag, Dhaka	29
57.	M/s. Ushof Leather Corp. Hazaribag, Dhaka	18	79.	M/s. Finix Leather Complex Ltd. Hazaribag, Dhaka Phone: 280937, 282138	54
58.	M/s. North East Tannery Hazaribag, Dhaka	36	80.	M/s. Lexfor Ltd. Hazaribag, Dhaka Phone: 313902	180
59.	M/s. Hafiz Tannery C/o. Rana Lether Ind. Ltd. Hazaribag, Dhaka Phone: 303787, 313908	91	81.	M/s. H. & H Leather Ind. Ltd. 118 Hazaribag, Dhaka Phone: 504525	67
60.	M/s. Rumania Tannery C/o. Rana Leather Ind. Ltd. Hazaribag, Dhaka Phone: 314659	15	82.	M/s. Karim Leather Ltd. Hazaribag, Dhaka	35
61.	M/s. Muslin Tannery Hazaribag, Dhaka Phone: 509471	8	83.	M/s. Kohinur Tannery Ltd. Hazaribag, Dhaka	20
62.	M/s. Bikrampur Tannery Hazaribag, Dhaka Phone: 313380		84.	M/s. Crescent Tannery Ltd. Hazaribag, Dhaka	23
63.	M/s. I.S. Tannery Hazaribag, Dhaka Phone: 318197	16	85.	M/s. Bangladesh Leather Products Hazaribag, Dhaka	22
64.	M/s. Chandpur Tannery Hazaribag, Dhaka	14	86.	M/s. Kalam Brothers Tannery Hazaribag, Dhaka	20
65.	M/s. Abul khair Tannery Hazaribag, Dhaka	25	87.	M/s. Sharif Leather Corp. Shere Bangla Road, Hazaribag, Dhaka	26
			88.	M/s. Dhaka Hide & skin Ltd. Hazaribag, Dhaka	46
			89.	M/s. Rono Leather Industry Ltd. Hazaribag, Dhaka	96
			90.	M/s. Julient Enterprise Ltd. Hazaribag, Dhaka	24



TABLE II.2  
Major Jute Industries in NCRS

Sl. No	Name and Address	No. of Employees	Sl. No	Name and Address	No. of Employees
91.	M/s. Adamji Jute Mills Adamji Nagar, Narayanganj Phone: 71133, 71011-4	36385	113.	M/s. Pubali Jute Mills Ltd. Ghorashal, Narshingdi, Ph:4002 Dhaka, Phone: 230626	1901
92.	M/s. Associated Co. Ltd. Adamji Nagar, Narayanganj Phone: 71133; 71011		114.	M/s. Sattar Jute Mills Kanchan, Narayanganj, Ph:408162 Narayanganj, Phone : 74045115.	2402
93.	M/s. Alijan Jute Mills Ltd. Ispahani Bldg.3rd Floor, 14-15,Motijheel C/A,Ph:233728	1432		M/s. Taj Jute Banking Co. Ltd. Shrail, Demra, Dhaka, Ph:72116 Dhaka, Phone: 280071, 233139	851
94.	M/s. Ashraf Jute Mills. Muraoara,Kanshon Phone:408270		116.	M/s.United Meghna-Chandpur Jute Mills Narshingdi, Phone: 2651/2652, 231407	8951
95.	M/s. Alide Jute Mills Ltd. Kanshon,Dhaka.Ph:408262,238477		117.	M/s. National Jute Mills Ltd. Sharif Mansion,56/57,Motijheel C/A Dhaka.	
96.	M/s. Bangladesh Jute Mills Ltd. Gorashal,Dhaka,Ph:404373,256294	4785	118.	M/s. S. K. M. Jute Mills Ltd. Chamber Bldg.122-124, Motijheel C/A Dhaka.	
97.	M/s. Bawa Jute Mills Ltd. Modanganj, Narayanganj, Ph: 71051	3340		<b>Jute Industries in NCRS</b>	
98.	M/s. Bangladesh Febrics Co. Narayanganj, Phone: 71892		119.	M/s. Ahmad Jute Mills Ltd. Motijheel C/A, Dhaka.	620
99.	M/s. Co-operative Jute Mills. Polash,Gorashal Ph:406457,255649	2583	120.	M/s. Hamidia Jute Mills, 150,Motijheel C/A,Ph: 231250	454
100.	M/s. Board Barlop Industries Betka, Dhaka, Phone: 407005	1106	121.	M/s. Hoshain Jute Mills Ltd. 4,North Brookhal Rd.Ph:250351,	
101.	M/s. Dhaka Jute Mills Ltd. Hasnabad, Dhaka Phone: 280188,	4176	122.	M/s. Islam Khan Jute Mills Ltd. 14,Green Square,Dhaka,Ph:318200	
102.	M/s. Kazi Chatkal, A.Shanekallan Sangstha,Amin Court 5th Floor, 62-63 Motijheel C/A, Dhaka, Phone: 254762, 254992	2559	123.	M/s. Islam Jute Mills Ltd. 127,Satmashzid Rd.Ph:318791,	417
103.	M/s. Gaosia Jute Mills Ltd. Murapara, Narshingdi,Ph:402056 233026, 257274	1680	124.	M/s. Mutual Jute Spinners Ltd. 105-106, Motijheel C/A , Dhaka	333
104.	M/s. Janata Jute Mills Ltd. Palash, Ghorasal,Phone:403338 Phone : 250243, 281891	2538	125.	M/s.Nawab A.Khalek Jute Mills Ltd. 9/K,Motijheel C/A,Dhaka, Ph: 291939	
105.	M/s. Karim Jute Mills, Demra Dhaka, Phone : 185729	5314	126.	M/s. New Dhaka Industries Ltd. Road #2, House #17, Dhanmondi R/A, Dhaka. Phone: 314710	
106.	M/s. Kohinoor Jute Mills, Gouripur, Mymensingh	2314	127.	M/s. Saroar Jute Mills Ltd. Narayanganj.Phone: 72229	170
107.	M/s. Latif Bawani Jute Mills Demra, Dhaka Ph:254421,2521	8334	128.	M/s. Specialised Jute Yearn & Twoin Manufacturing Co. Ltd. 95,Motijheel C/A,Dhaka,Ph:231347	217
108.	M/s. Monwar Jute Mills Siddirganj, Narayanganj, Phone: 72827, 236018	837	129.	M/s. Sonar Bangla Jute Mills 85 Mollgaon, Kaliganj, Dhaka. Phone: 232244	76
109.	M/s. Mashriki Jute Mills Ltd. Birabo,P.O Birabo,Rupganj, Narayanganj, Ph:403043,239291-3		130.	M/s. Bangla Jute Ind. Ltd. Dhamrai,Dhaka,12-13,Motijheel,Dhaka.	
110.	M/s. Nishat Jute Mills, Tongi Gazipur, Phone: 390277, 390133	3247	131.	M/s. Hossain Jute Mills Ltd. Anayet Nagar,Fatulla,Narayanganj.	205
111.	M/s.Nawab Ashkari Jute Mills Ltd. Kendua, Kanchan, Narshingdi Phone : 406553, 253736	4072	132.	M/s.Nawab A.Malek Jute Mills Ltd. Katchpur, Dhaka.	413
112.	M/s. Nabarun Jute Mills Ltd. Kanchan,Narshindi,Ph:404651,234030	2135	133.	M/s. Shain Popular Jute Spinners Ltd. Tailka, Dhaka.	
			134.	M/s. Shamser Jute Mills Ltd. Narshingdi, Dhaka.	

FAP-4  
B.N.-13  
Acc.-2  
e.-2  
S.N.-4