### THE PEOPLE'S REPUBLIC OF BANGLADESH DEPARTMENT OF PUBLIC HEALTH ENGINEERING MINISTRY OF LOCAL GOVERNMENT RURAL DEVELOPMENT

AND COOPERATIVES, LOCAL GOVERNMENT DIVISION

## STUDY ON Storm water drainage system improvement project in dhaka city

# DATA BOOK I

- SURVEY DRAWINGS -

OCTOBER 1987

JAPAN INTERNATIONAL COOPERATION AGENCY



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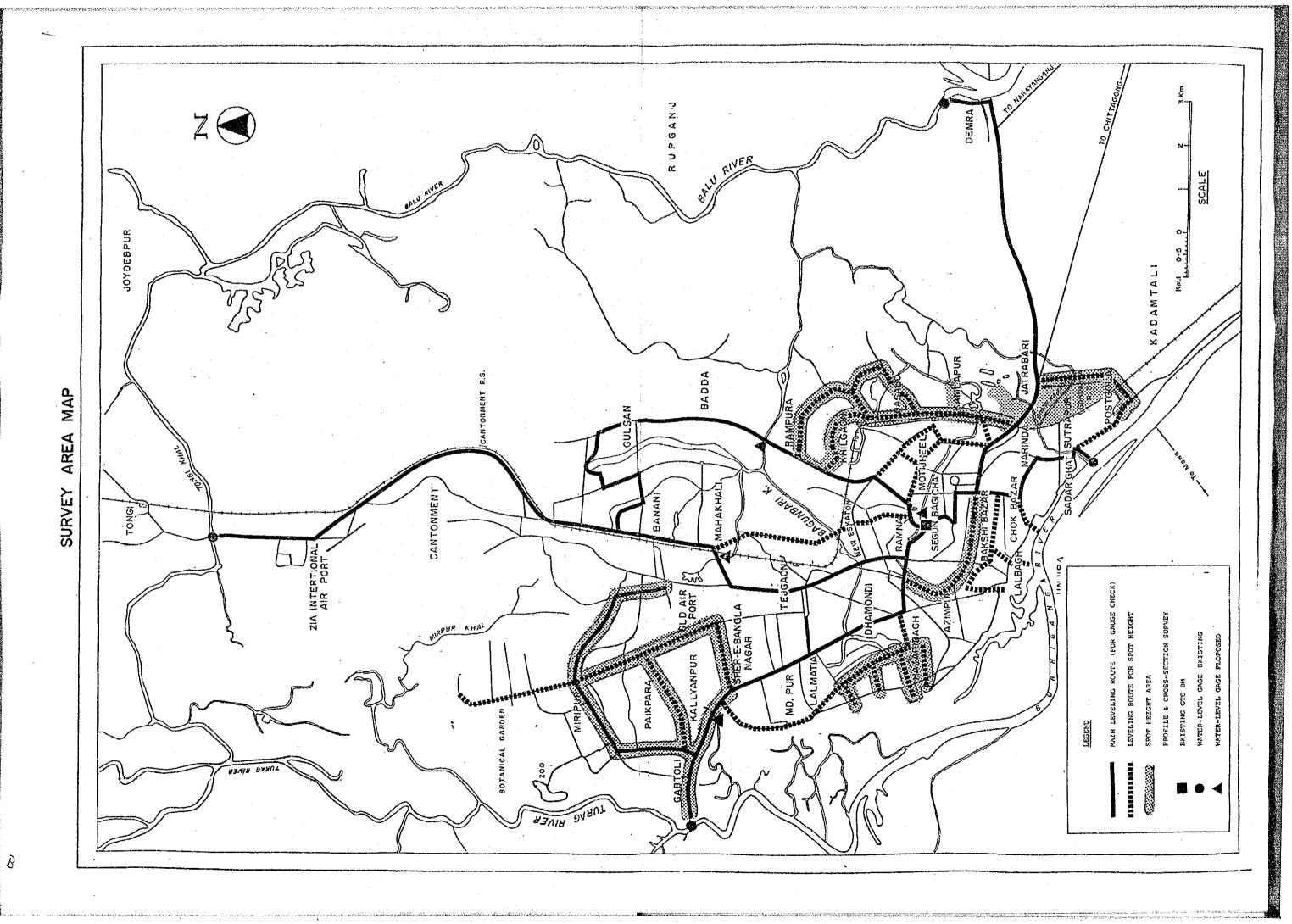
THE PEOPLE'S REPUBLIC OF BANGLADESH

### STUDY ON STORM WATER DRAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY

### SURVEY DRAWINGS

MARCH 1987

JAPAN INTERNATIONAL COOPERATION AGENCY



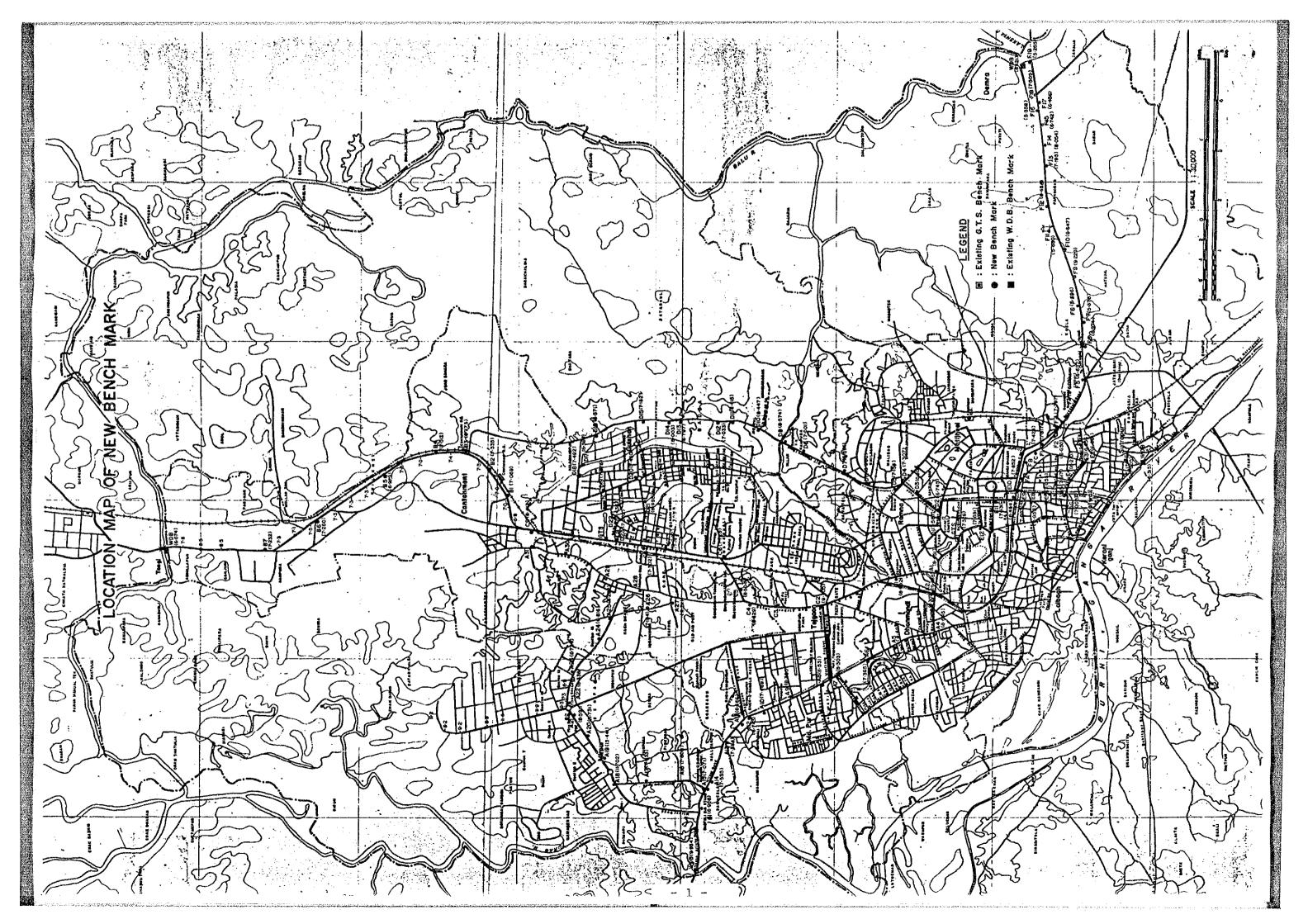
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1. BENCH MARK



#### DESCRIPTION AND HEIGHTS OF BENCH-MARKS

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BM Name	Description of Bench-Marks	Height above M.S.L (GTS)		BM Name	Description of Bench-
	Line A	Meter		•	Line A
A1	On the pucca base of light post at Shahbag near P.G. Hospital.	9,451		A18	On the base of tower post Mirpu Mur) near the Mirpur Upa-Shohar School.
A2	On the traffic island at Katabon near Mosque.	9,288		A19	On the gate of Bangladesh Insti
A3	On the traffic island at New Elephant Road.	8,307			ment near the U.C.P. Technical
A4	On the traffic island at Science Laboratory.	8,645		A20	On the gate of Metropolitan Pol National Bangladesh High School
A5 -	On the base of P.P. near the west corner of Dhanmondi play field, Road No. 9.	8,490		A21	On thé base of tower post in fr tor's shop, Mirpur-10.
A6	On the base of P.P. near the New Model High School Boys and Girls, Road No. 11 (South side).	7,365		A22	On the base of light post near tribution at Mirpur Road-10.
А7	On the traffic island near the Manik Miya Avenue.	8,303		A23	On the gate of Hormon Prathomic
8A	On the light post of traffic island at Ashad Gate.	8,531	· · ·		Jubo Polly School) near the old Mirpur-13.
A9	On the gate of state guest house near the Residential College, Sher-e-Banglanagar.	8,305	•	A24	On the S/W side, Mirpur-14 No.
A10	On the light post of Dr. Nurul Islams Talukdar's Dispensary at College Gate near piles clinic.	7,469		A25	On the top of culvert piller, o Hotel at Mirpur Road-14.
A].1	On the gate S/E side 23/4 No. Gate at Khil-Jee Road, Dhaka-7.	6,743		A26	On the light post of shop No. ket at Kachuket.
A12	On the base of P.P. S/E corner of Shamoli Cinema Hall.	6,866		A27	On the light post of M.P. check rulcantt.
A13	On the light post of culvert, Mirpur Gabtoli Road, S/E of Shamoli.	7,384		A28	On the Signboard of shadhid Myn Jiya's House.
A14	On the base of light post in front of the star steel works, at Darus Salam, Mirpur Road.	7,535		A29	On the plinth level S/E corner
A15	On the base of light post near the Technical College Gate side.	7,071		A30	On the base of Transformer post cantonment-sadar-administrative Road.
A16	On the base of light post in front of water tank at Mirpur Road near P.W.D. Office.	7,608		A31	On the top of signboard of Sta Basar Road near the cantonment
A17	On the base of light post near the P.W.D Vibagiya Procosholi Doptor at Mirpur Road.	7,633			

...n ...

h-Marks	Height above M.S.L (GTS)
	Meter
rpur Sec. 1 No. (Trapic har Government Primary	11;702
stitute of Bank Manage- al School, Mirpur-2.	13,441
Police Office near the pol at Mirpur-2.	11,731
front of Sultan Decora-	8,591
ar the inter-trade Dis-	8,338
nick Biddaloy (S.O.S. old BRTC bus DEPO.,	6,724
o. Police Fari at Mirpur.	6,816
, oposite side of Manik	6,282
. 50 at Cant's Supermar-	7,104
eck post Building at Kaf-	8,211
Mynul Road near President	-
er of Sahid Sattar Market.	-
ost near the signboard, ive branch on Cantonment	-
taff Quarter's Shahid nt trapıc Mur.	-

		·				
BM Name	Description of Bench-Marks	Height above M.S.L (GTS)		BM Name	Description of Bench-Marks	Height abov M.S.L.(GTS)
	Line B	Meter		•	Line C	Meter
B1	Bottom of P.P. No. 523014 south side of New Airport Road near by Banani Railway Station.	7,069		C8	Bottom of the P.P. No : 484044 N/E corner of Poni Photographers, Banani (New Airport Road)	7,302
B2	Bottom of P.P. No. 523028 east side of B.R.T.C. bus Tarminal and Railway Gate of Sawra Bazar.	7,335		G.T.S BM	Near the Railway culvert, north side of Banani Rail Station.	-
B3 B4	On the mile post (Dhaka 14 K.M.) on highway. Bottom of P.P. No. 523055 oposite of Uttra Bank	6,773 7,013		C9	On the plinth of cantonment canon No-3 west side of New Airport Road, North side of Railway Crossing,	8,412
B5	Zoyar Shara Branch, east side of B.R.T.C. bus stand. On the perapat wall S/W corner of Khagrapara or Kaw-	6,929	-		Banani. Line D	
В6	rapara Bridge. On the plinth of check post of Zia International Air-	7,260		DI O	On the traffic island of trifurcated road at Kakrail near Kakrail Mosque.	7,567
в7	port. Bottom of P.P. in front of Jasimuddin Avenue side of	7,232		D2	On the traffic island of trifurcated road at Kakrail near Rajmoni Cinama Hall.	6,945
	Tongi Road, Uttra Model Town.			D3	On the traffic island at Santinagar trifurcated Road.	6,801
WAPDA BM	Established west side of Tongi bridge near the river bank.	6,674		D4	On the traffic island at Malibag trifurcated Road.	7,307
e.				D5	On the traffic island at Mouchak trifurcated Road.	7,158
C1	Line C Bottom of P.P. in front of 27 Zohura Market between star agency and sowdagar agency west side of Mymen-	8,992		D6	On the traffic island at chowdhary para trifurcated Road.	6,966
с2	Singh Road, Bangla Motor.	9,405		D7	On the traffic island at east Hazipara near Wills Garments Ltd.	6,574
C3	box side of New Airport Road Firmgate.	-		D8	On the ground level S/W corner of Agrani Bank at Rampura T.V. Branch.	7,001
C4	On the plinth of local objection P.D.B. center, west	8,629		D9	On the plinth of P.P. No. 614/009 near Rampura Bridge.	8,574
	side of New Airport Road.	0,025		D10	On the plinth N/E corner of S.N. Traders at Badda.	6,447
C5	Bottom of 11 K.V. Transmission line oposite of Shahin College gate (P.P. No : 445183.).	8,504		D11	On the N/W corner of a Culvert North side of Merul Bazar.	6,415
C6	On the plinth of Metropolitan box near the Rail cross- ing of Mohakhali Railgate.	7,728		D12	On the plinth of gate S/E corner of Badda Baitul Aman Zame Moszid.	7,033
C7	Bottom of the P.P. No : 485028 near the Rail crossing of cantonment gate.	8,047		D13	On the ground level S/E corner of Tania Flower and Rice Mill, 92/1, North Badda.	6,797

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BM Name	Description of Bench-Marks	Height above M.S.L. (GTS)		· ·	BM Name	Description of Benc
	Line D	Meter			•	Line E
D14	On the Railling N/W corner of bridge at north Badda.	8,003	•	•	E9	On the Gulistan traffic islam
D15	On the plinth S/W corner of prince steel agency at Baridhara.	7,162			E10 E11	On the Fulbaria Traffic Island.
D16	Bottom of P.P. No. 609/190 at Baridhara.	6,571		:	E12	On the Traffic Island at Pres
D17	Bottom of P.P. No. 609/211 at Kalachanpur.	6,385				
D18	On the culvert S/W corner beside the foot path of Kalachanpur Lake.	7,492			F1	Line F On the plinth of Traffic Islam
D19	On the road Demercation post at Gulshan Road No. 71.	7,596			F2	On the plinth of Studio Viena
D20	On the S/W corner of island Gulshan-2.	7,430			F3	On the plinth of Sayadabad Ra Room it is on the west side of
D21	On the S/W corner of culvert at Kamal Ataturk Road.	6,998	- art or the second	<i>,</i> .		north site of Chittagong Road
D22	Bottom of P.P. No. 483/006 at Banani Road No. 27.	7,436	9 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5		F4	On the plinth of the S/W corn
D23	On the S/W corner of culvert at Banani Road No. 27.	7,002			F5	On the plinth of the N/E cor Jattrabari.
•	Line E				F6	On the plinth of the south we Jattrabari culvert, culvert N
E1	On the plinth on Telephone box at Sutrapur trifurcate Road.	6,905		:	F7	On the gate of Shukur Bhuia a
E2	On the plinth of Middle west corner of private house No-95, Hrishikesh Das Road.	6,861			F8	On the bottom of boundary wal Mill's and Industries Ltd. on
E3	On the plinth S/W corner of Dhaka Steel House at Narinda-Dolaikhal trifurcate Road.	6,656	•		F9	On the plinth of the S/E corne Bridge No : 41-1/4.
E4	On the ground level south west corner of Goalbhat Mosque.	6,210			F10	On the plinth of the S/W corn near Matuail Community Center
£5	On the traffic island at trifurcate road of English Road.	7,617			F11	On the plinth of the S/W corn near Matuail Islamia Maddrasa
E6	On the traffic island at north-south Road trifurcated.	7,005			F12	On the plinth of Konapara Brid No : 52-1/5.
E7	On the traffic island at Bongsal trifurcated Road.	7,055			F13	On the Parapetwall of the S/E
E8	On the traffic island of Hazi Osman Goni Road.	6,959			513	Bridge in front of Sufia Roll. Bridge No : 15-2/5.

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ption of Bench-Marks	Height above M.S.L. (GTS)
	Meter
raffic island, Kaptan Bazar.	7,883
Fraffic Island.	8,454
affic Island.	7,431
sland at Press Club trifurcated road.	7,691
Traffic Island at Tikatoli More.	7,817
Studio Viena at 75 Shamebag.	6,650
Sayadabad Railway crossing Guard west side of Railway line and ittagong Road.	7,797
the S/W corner of Sayadabad Bridge.	9,609
f the N/E corner of Uttra Bank at	6,682
the south west corner of north rt, culvert No : 14-1/3.	6,974
nukur Bhuia at Kajla.	5,878
boundary wall of Rupsha Re-roling tries Ltd. on Chittagong Road Kajla.	5,696
the S/E corner of Matuail Bridge, /4.	9,229
the S/W corner of Matuail Bridge munity Center, Bridge No : 131-2/4.	7,647
the S/W corner of Konapara Mosque amia Maddrasa.	5,680
Konapara Bridge at N/W corner, Bridge	8,434
ll of the S/E corner of Konapara of Sufia Rolling Steel Mills Ltd, /5.	7,196

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						•		
					•	• •		
	•			•		BM Name	Description of Bench-Marks	Height al M.S.L. ((
				:		•		
						F14	Line F On the plinth of the S/E corner of Konapara Bridge,	Meter 8,054
							Bridge No : 45-3/5.	
· .				•		F15	On the plinth of the S/W corner of Dilla Bridge, Bridge No : 15-1/6.	6,742
			•			F16	On the plinth of the S/W corner of Dilla Culvert near Marm Industrial Chemicals Ltd.	5,358
<b>.</b>						F17	On the plinth of the gate near the Banani Jute Mills Staff Quarter, south side of Emra Road.	6,456
						F18	On the Island of Demra Trifurcate-road.	7,509
						F19	On the pucca Drain S/E corner of Latif Baowani Jute Mills Ltd.	5,25
	2					F20	On the Safety Tank N/E corner of Latif Baowani Jute Mills Ltd, near east side of the river.	6,10
/						F21	On the 1st step of Moklatur Rahman shop near Baowani High School.	5,719
						WAPDA BM.	North side of Demra Bazar.	6,121
			· · ·			FB	On the gate of Bangladesh Homopatic College Hospital 46/2 Twenbe Circular Road.	, 7,85
						FC	Bottom of the Transformer in front of art Press Ltd, 16 No. Air Street Wari Road.	7,42
							Line G	
						G1	On the plinth of petrol pump station oposite of Beauty Cinema Hall at Gabtoli bus stand.	6,908
		м.,				WAPDA		
						BM	Under the Mirpur Bridge at Gabtoli.	9,934
				· · ·	•			
								•
					: :			
					<b>F</b>			

2. PROFILE AND CROSS SECTION OF KHAL

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