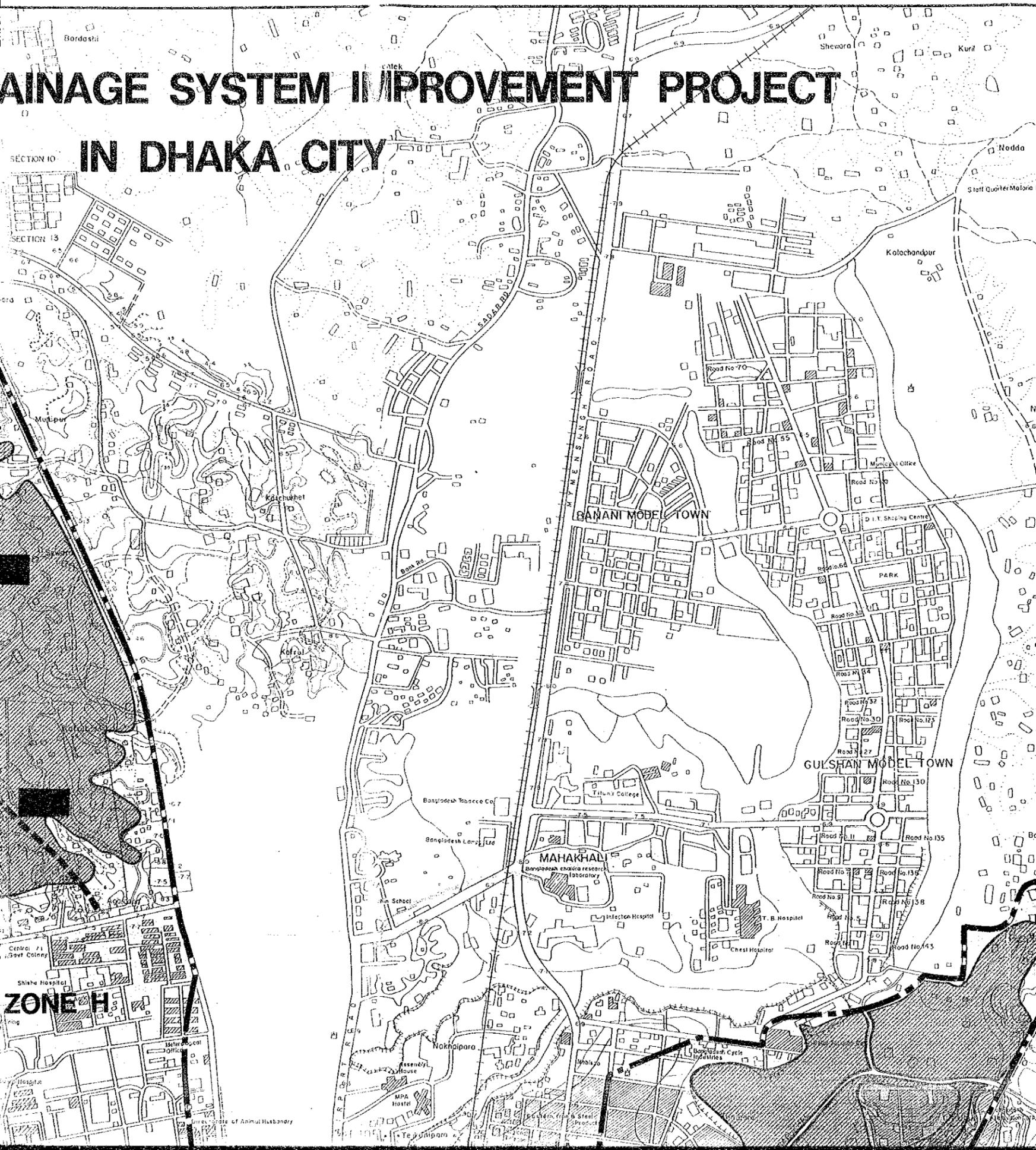




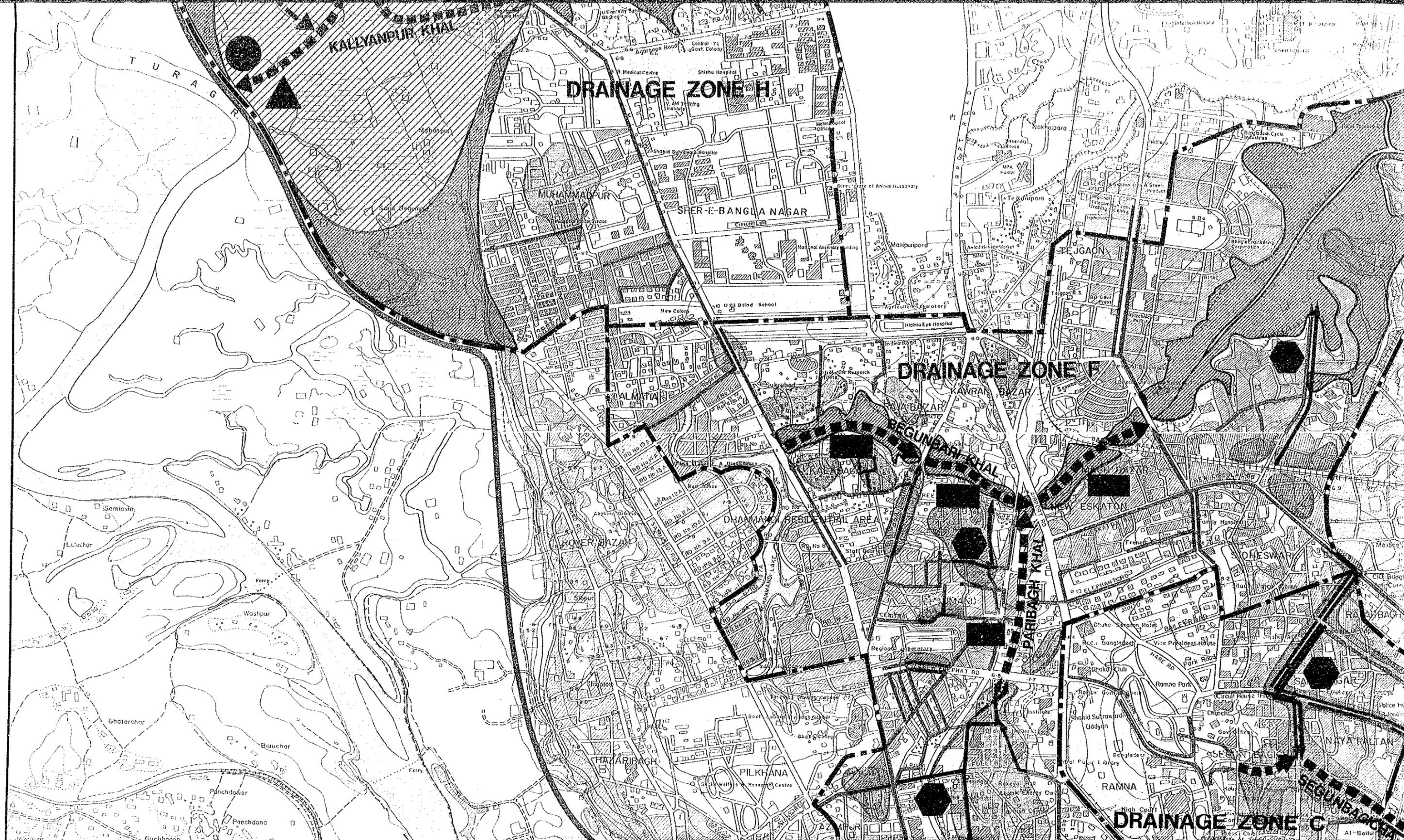
# RAINAGE SYSTEM IMPROVEMENT PROJECT IN DHAKA CITY



PROPOSED DRAINAGE FACILITIES IN THE PRIORITY AREA

Facility	Quantity	Description
<b>I. Pump Station</b>		
P1	1 place	Ø 1,200 x 3 units, Q=10m <sup>3</sup> /S
P2	1 place	World Bank project
<b>II. Gate</b>		
G1	1 place	2.5m x 2.5m x 2 x 60.0m
G2	1 place	World Bank Project
G3	1 place	2.5m x 2.5m x 20.0m
<b>III. Khal Improvement</b>		
K2	3200 m	World Bank Project
K3	1000 m	World Bank Project
K4	1800 m	Dredging, Slope Protection
K5	3500 m	Dredging, Channel Culvert
K6	1000 m	Dredging, Slope Protection
K9	1000 m	DWASA Project
K10-1	800 m	Channel Culvert
K10-2	1000 m	RAJUK Project
K11	700 m	DWASA Project
K14	3300 m	Dredging
K15	2200 m	Dredging
K16	900 m	Dredging
K17	2200 m	Dredging
K18	800 m	Dredging
K19	1400 m	Dredging
K20	1200 m	Dredging
<b>IV. Drainage Pipe</b>		
S5	2800 m	Ø Ave. 3.0m x 3.0m, Ø 2.8m - 1.9m
S6	1480 m	Ø 2.2m x 2.9m,
S7	2500 m	Ø 2.6m x 3.0m, Ø 3.0m - 1.9m
S8	540 m	Ø 1.5m
S9	720 m	Ø 2.7m - 1.9m
S10	1050 m	Ø 2.7m - 2.2m
S12	1100 m	Ø 2.8m - 2.4m
S13	450 m	Ø 1.8m
S14	1860 m	Ø 2.1m - 2.9m
<b>V. Regulating Pond</b>		
	A=2.08 km <sup>2</sup>	Storage Capacity : 2.08 x 10 <sup>6</sup> m <sup>3</sup>

Note: (Ø) shows R.C. Box Culvert Type  
(φ) shows Brick Drainage Pipe



**LEGEND**

**PROPOSED FACILITIES IN PHASE I**

- ▣▣▣▣ : RIVER DREDGING
- ▤▤▤▤ : SLOPE PROTECTION
- ▥▥▥▥ : CHANNEL CULVERT



**LEGEND**

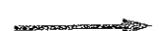
**PROPOSED FACILITIES IN PHASE I**

-  : RIVER DREDGING
-  : SLOPE PROTECTION
-  : CHANNEL CULVERT
-  : BRIDGE CULVERT
-  : PUMP STATION
-  : SLUICE GATE
-  : REGULATING POND

**PROPOSED FACILITIES IN PHASE II**

-  : KHAL IMPROVEMENT
-  : DRAINAGE PIPE
-  : SLUICE GATE

**EXISTING FACILITIES**

-  : DRAINAGE PIPE
-  : RIVER & KHAL

**EXISTING FLOOD AREA**

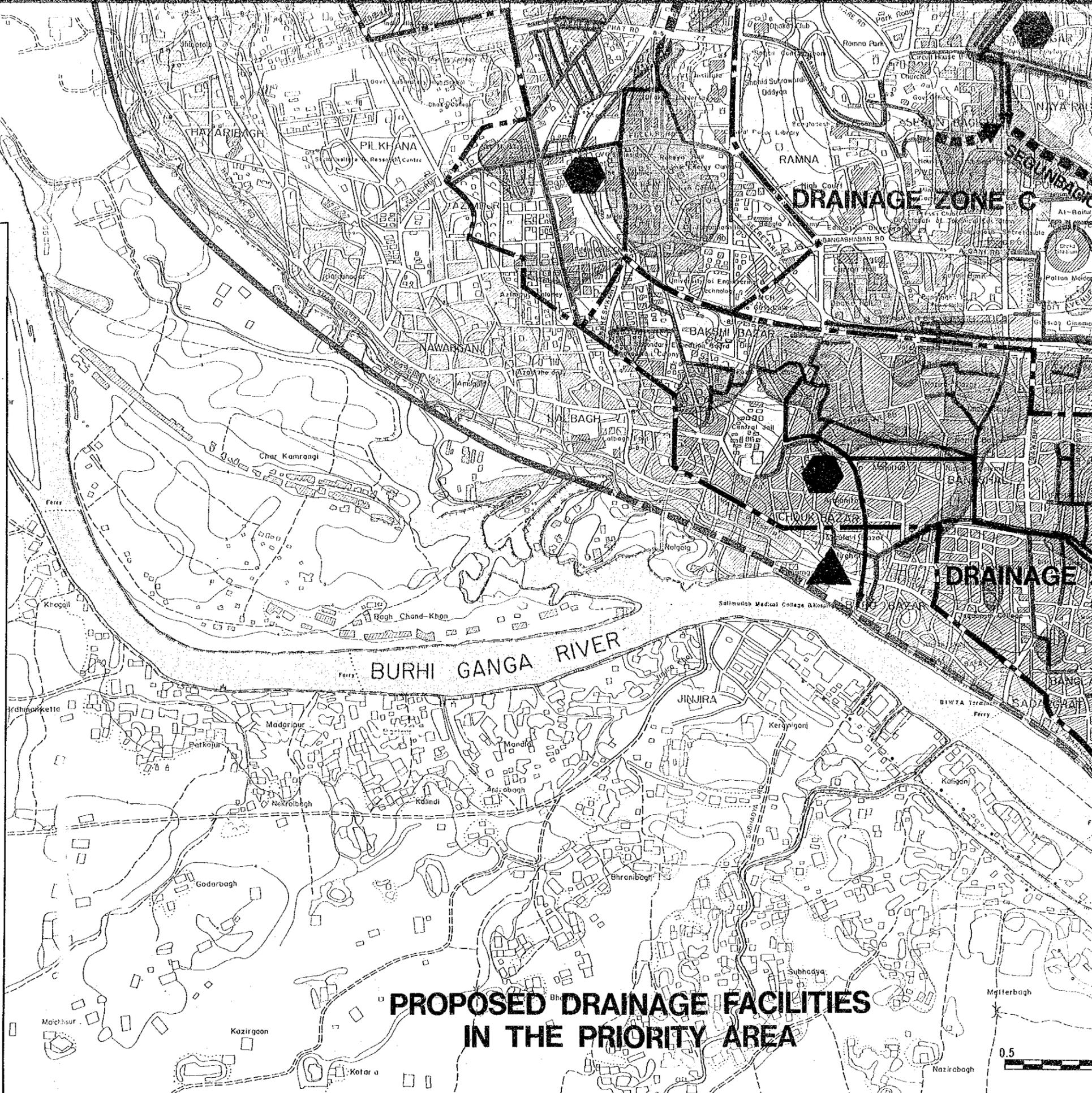
-  : EXTERNAL FLOOD AREA
-  : INTERNAL FLOOD AREA

**OTHERS**

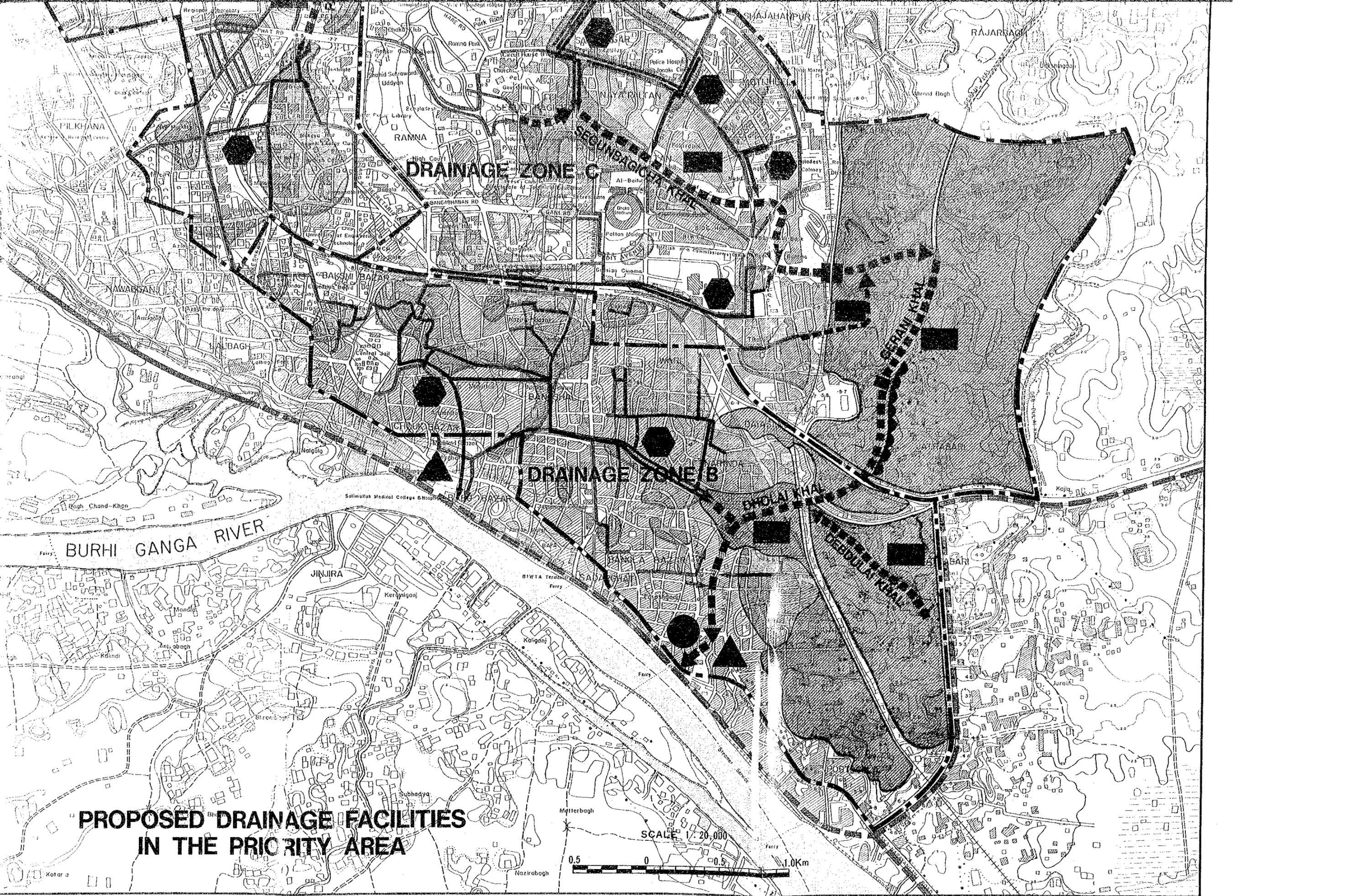
-  : CONTOUR LINE
-  : DRAINAGE ZONE BOUNDARY
-  : PRIORITY AREA

**GREATER DHAKA FLOOD CONTROL AND DRAINAGE PROJECT**

-  : EMBANKMENT
-  : WALL



**PROPOSED DRAINAGE FACILITIES IN THE PRIORITY AREA**







JICA