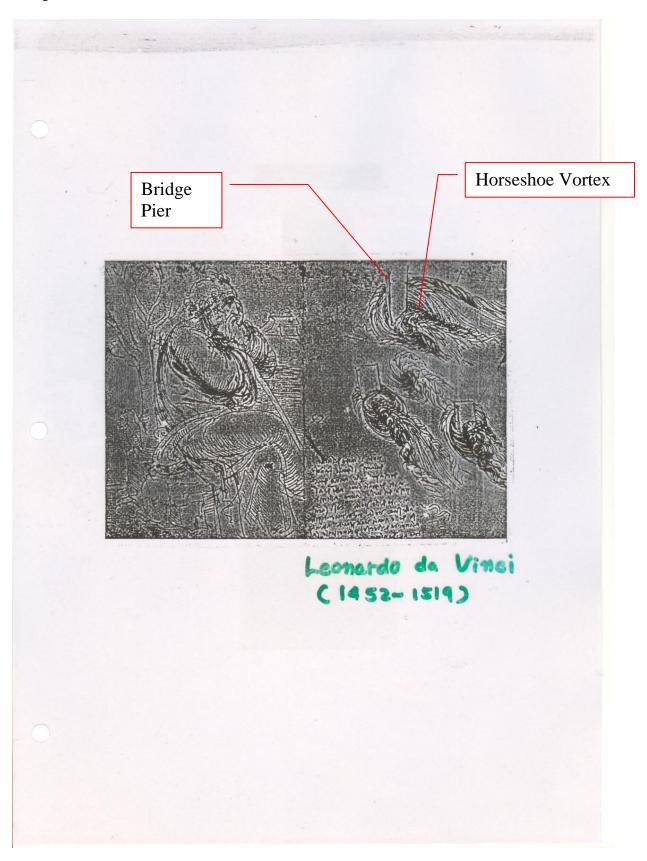
### **Chapter 0 Why Fluid Mechanics?**

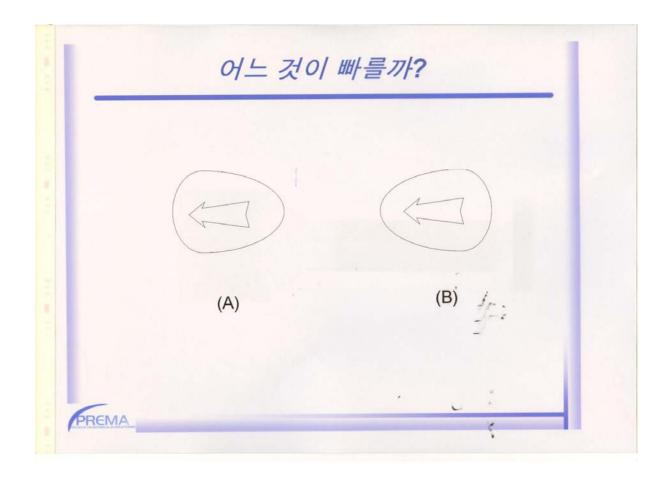
- 0.1 Speculation of Leonardo da Vinci
- **0.2 Physics of Golf**
- **0.3 Water Resources**
- **0.4 Dams**
- **0.5 Hydropower Plants**
- 0.6 Spillways
- 0.7 Flooding of the Han River in 1995
- **0.8 River Navigation**

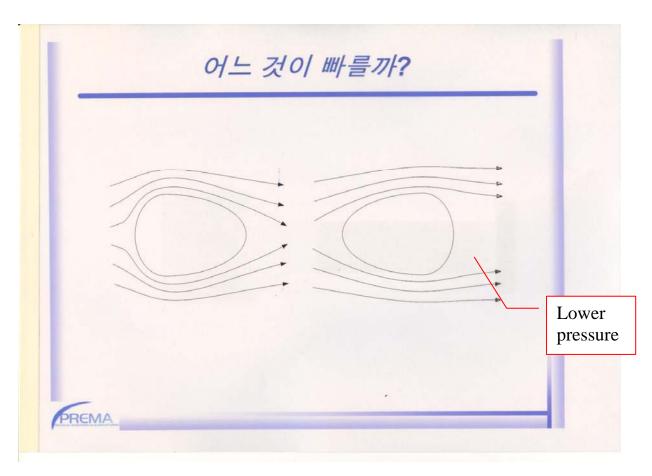
#### 0.1 Speculation of Leonardo da Vinci

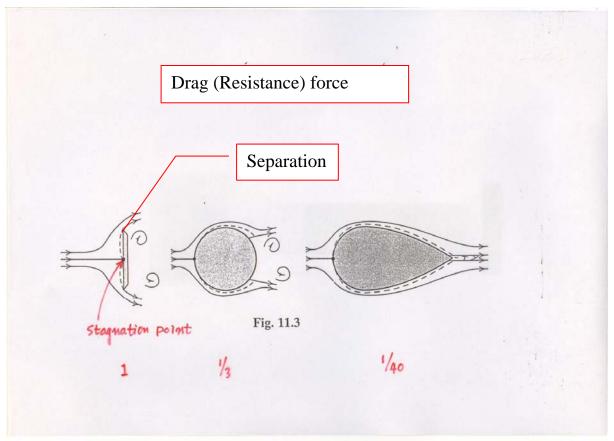




### 0.2 Physics of Golf







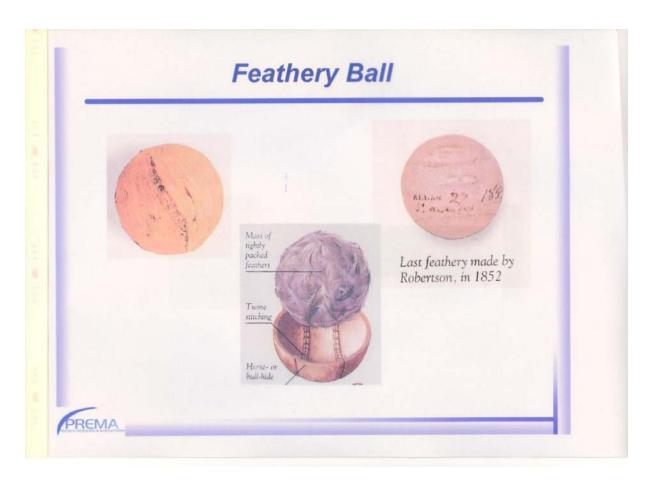


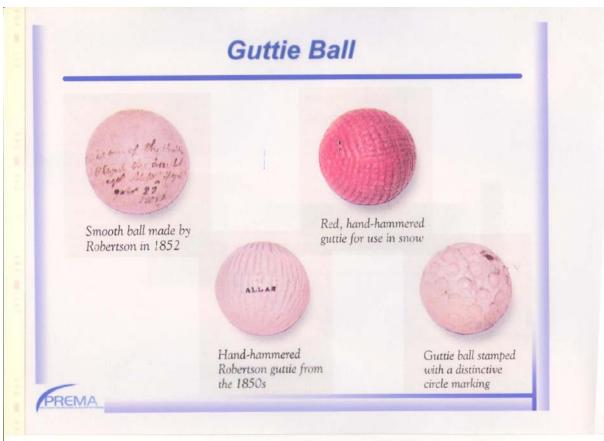


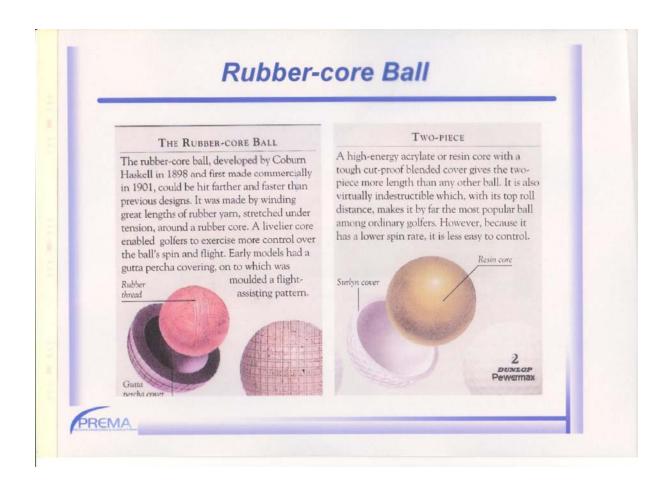
Scarred ball

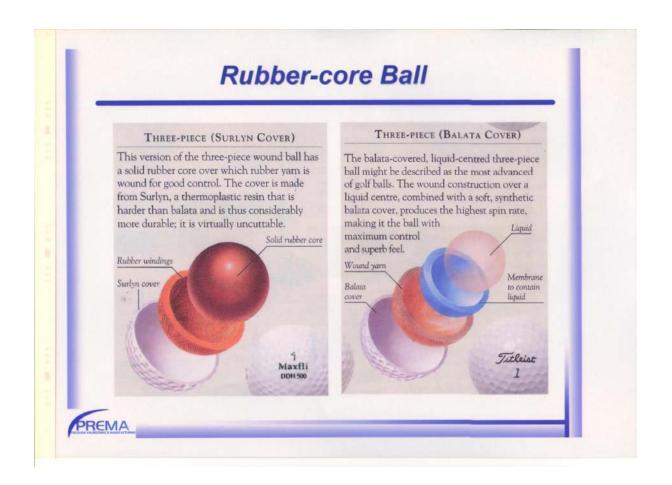
Guttie ball

Dimple ball

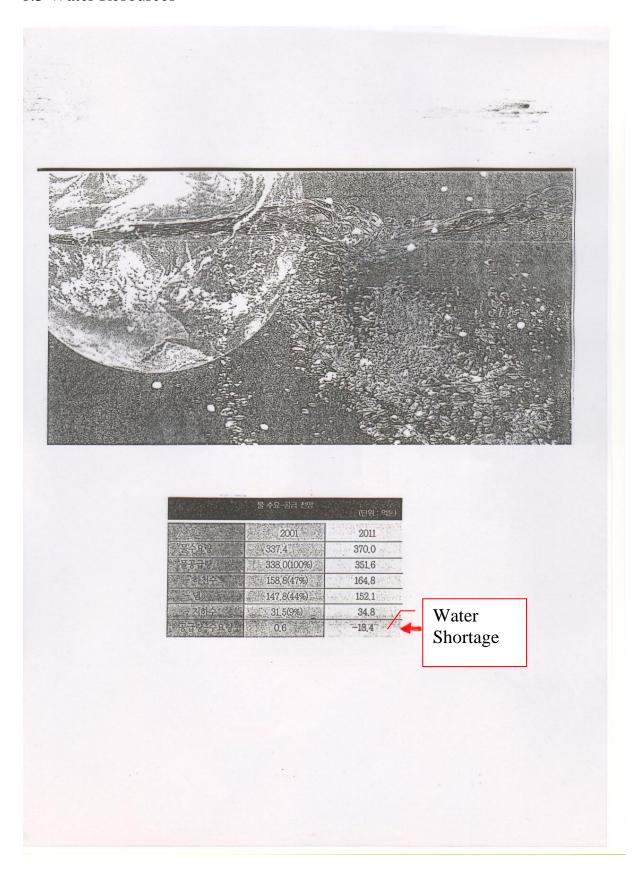






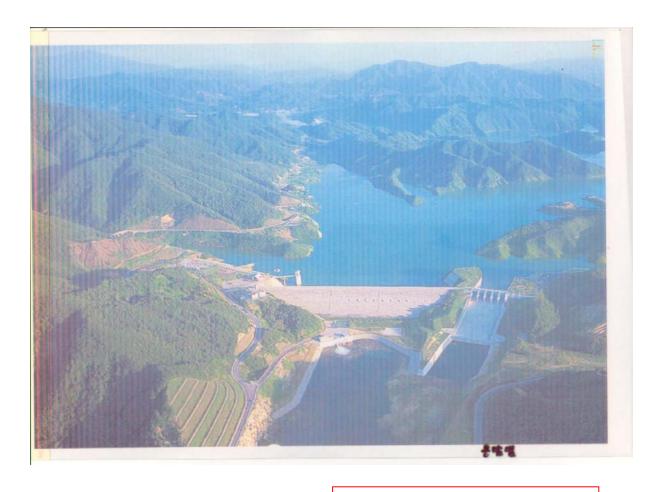


#### 0.3 Water Resources

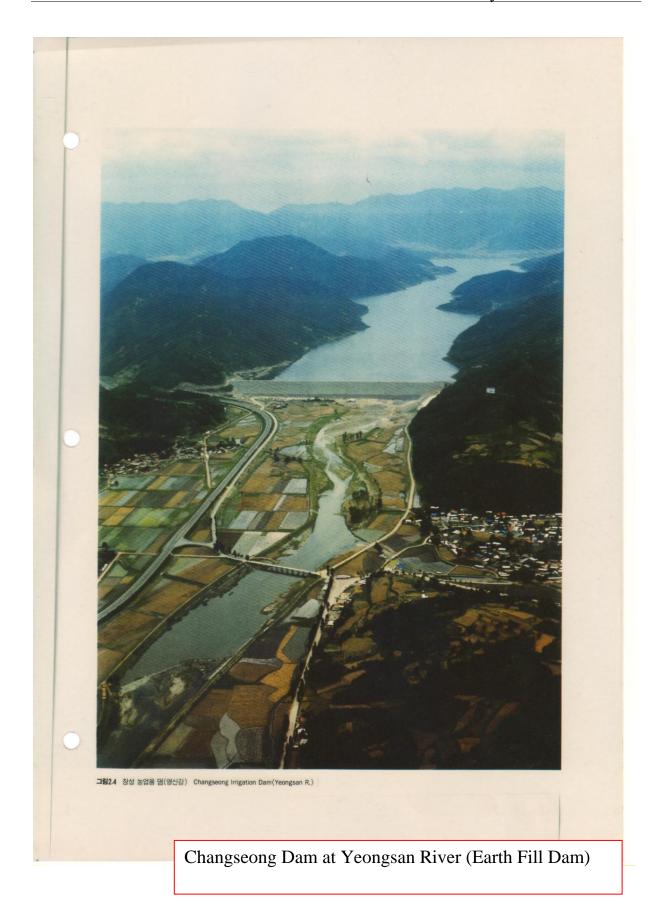


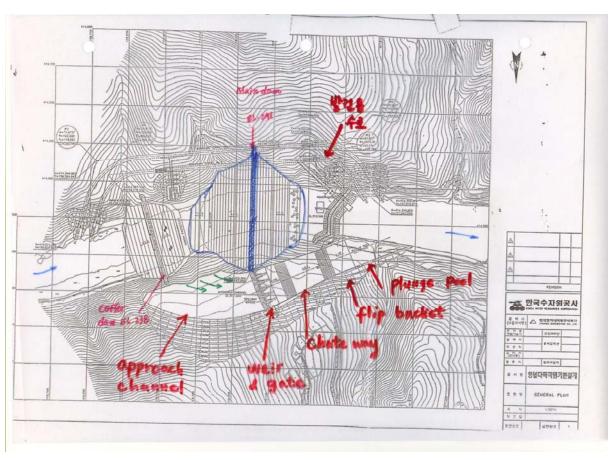
#### 0.4 Dams

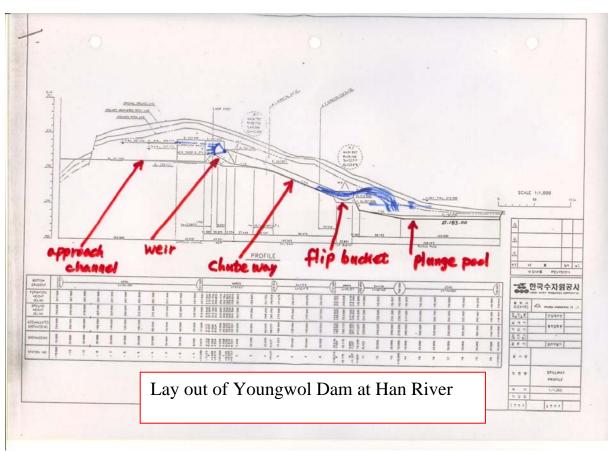


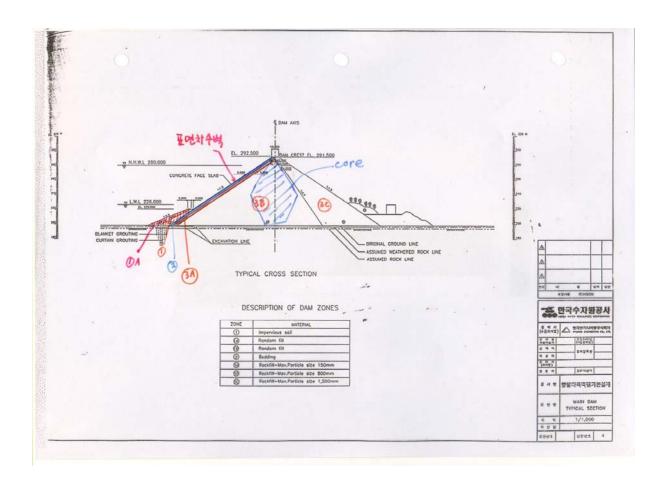


Yongdam Dam at Guem River (Rock Fill Dam)

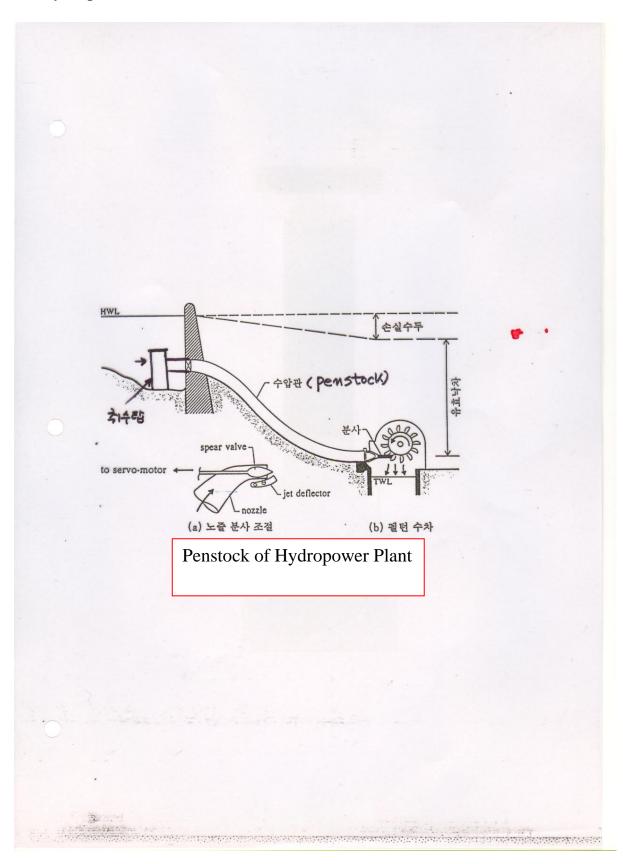


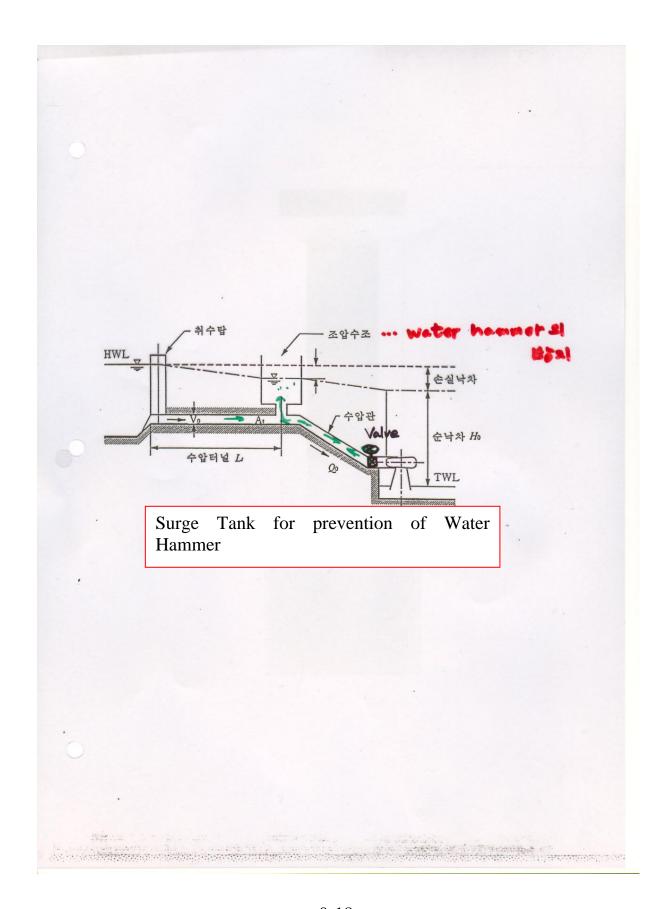


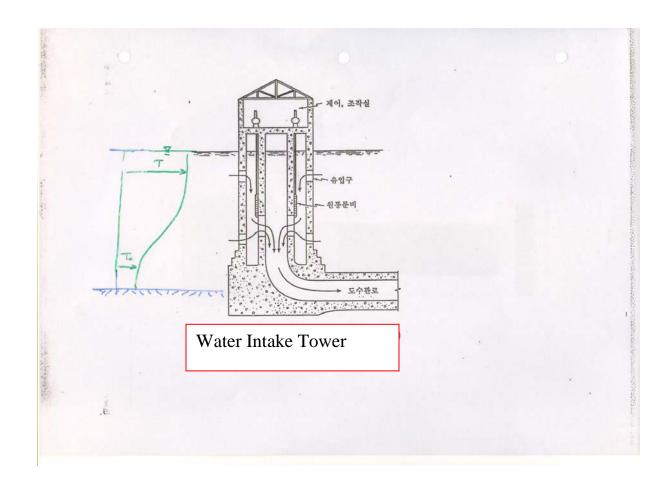




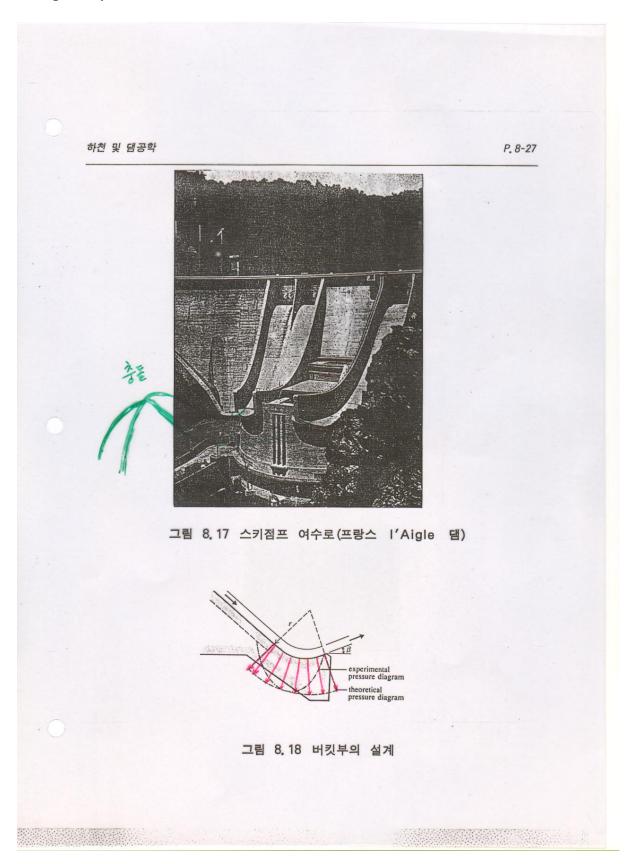
### 0.5 Hydropower Plants





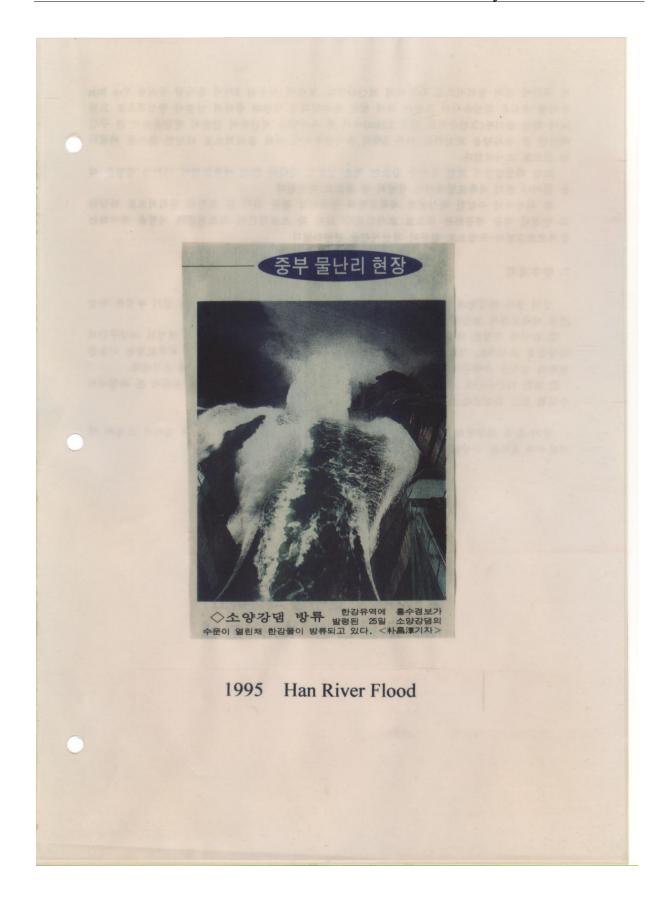


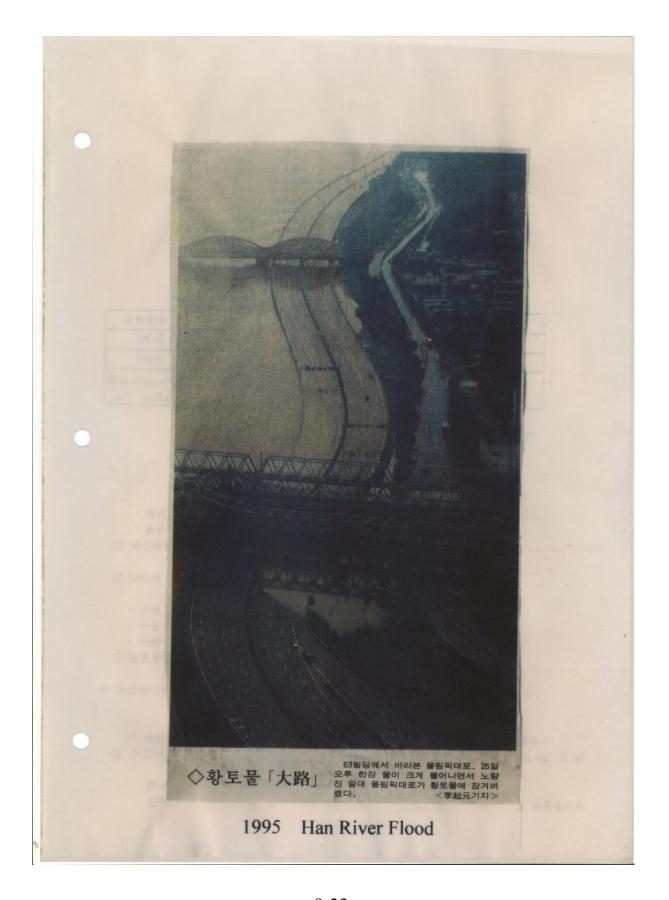
## 0.6 Spillways



### 0.7 Flooding of the Han River in 1995







# 0.8 River Navigation





