

# FACILITIES & EQUIPMENT OVERVIEW

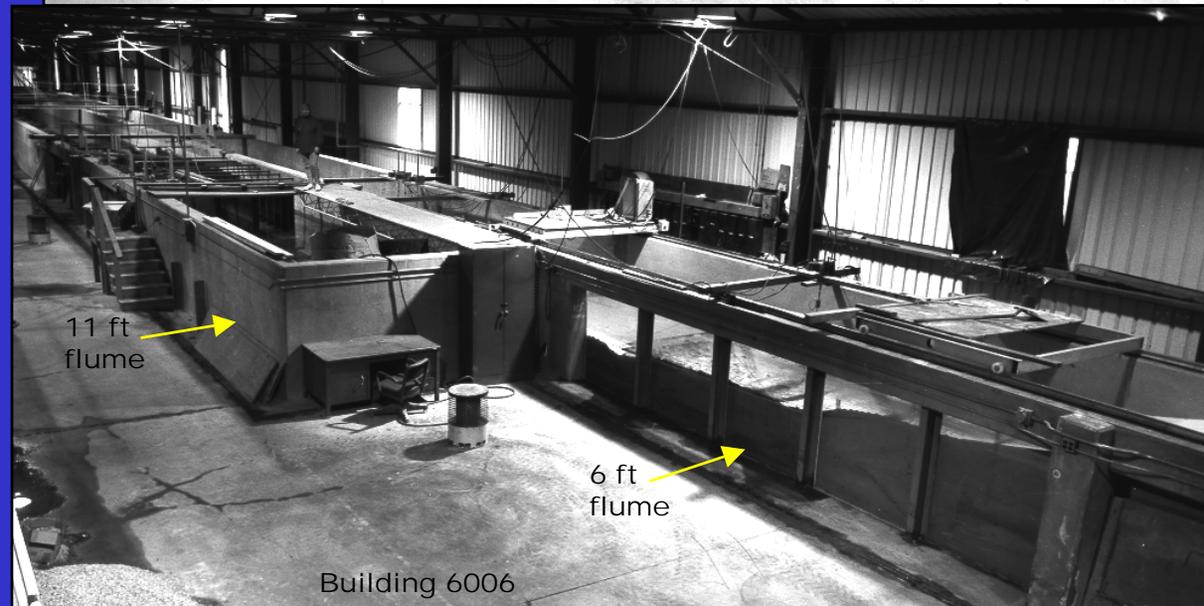
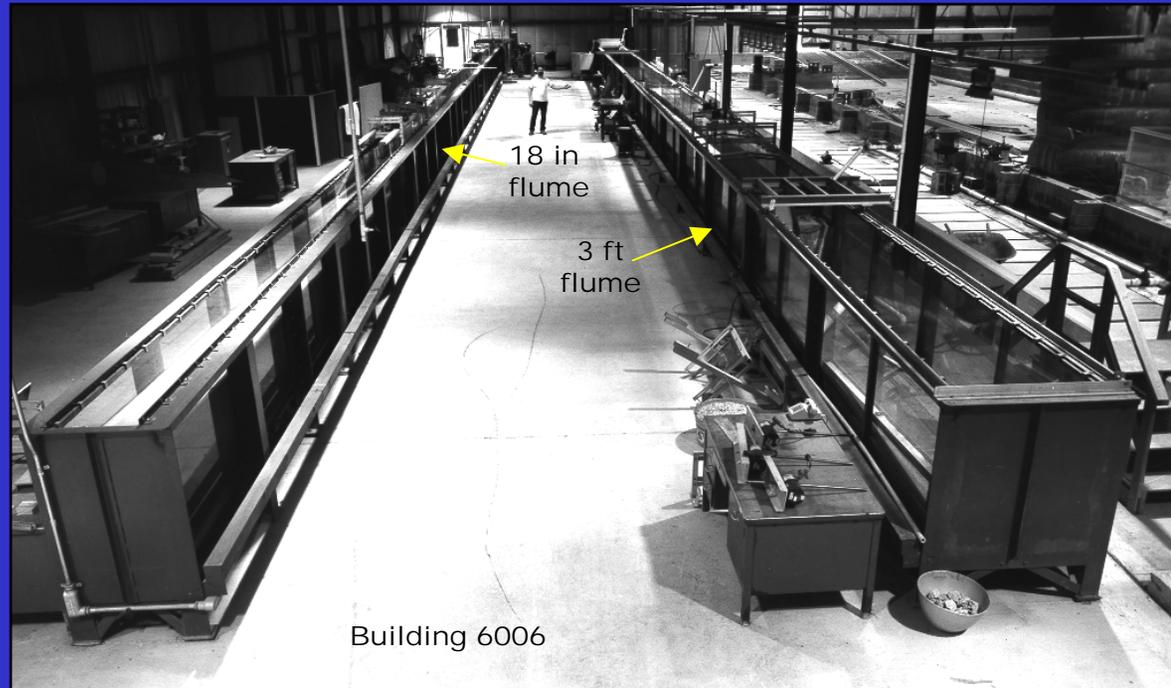
Seven  
two-dimensional  
Wave flumes

## Collective Dimensions

- 1.5 to 11 ft wide
- 150 to 350 ft long
- 2 to 6 ft deep

## Capabilities

- generate waves up to 1.5 ft
- 1 flume has flow capabilities
- wavemaker
- ✓ electro-hydraulic wave generators



# FACILITIES & EQUIPMENT OVERVIEW

Two  
three-dimensional  
Stability wave basins

- L-Shaped Flume

Dimensions

250ft x 50ft x 6ft

Capabilities

2 ft waves

localized current

- 6006 Stability basin

Dimensions

180ft x 116ft x 4.5ft

Capabilities

1.5 ft waves



L-Shaped Flume

Building 3046

# FACILITIES & EQUIPMENT OVERVIEW

Five  
three-dimensional  
Harbor/Inlet wave basins

## Dimensions

- 200ft x 375ft x 2.5ft
- 200ft x 250ft x 3ft
- 400 ft x 150ft x 1.5ft
- 310ft x 150ft x 1.5ft
- 50ft x 150ft x 1.5ft

## Capabilities

- wavemaker
  - 4 unidirectional spectral wave generators
  - 1 directional spectral wave generator



Chicago Harbor Model Study  
Building 3275 Hanger 3