FLOOD BARRIER TECHNOLOGIES IN WASHINGTON DC
17th STREET CLOSURE
Part of the Potomac Park Levee System
Levee’s effect on Flood Risk

Source: The Washington Post
17th Street Closure - 1942
17th Street Closure - 2003

Source: USACE
17th Street Closure - 2007

Source: USACE
17th Street Closure - 2015
ACTIVE FLOOD BARRIERS

These systems require 'active' human intervention for deployment in advance of a flood.
Active Flood Barriers

Temporary panels anchor into pre-drilled holes in the sidewalk.
PASSIVE FLOOD BARRIERS

These systems do NOT require any human intervention, as they operate automatically upon introduction of flood water.
National Archives Passive Flood Barrier

Flood Barrier When Retracted

Flood Barrier When Deployed
GSA FLOOD BARRIERS
GSA Flood Barriers

Herbert C. Hoover Bldg
Flood Door to Chiller Plant

IRS Building
Floodgate for Moat
METRO TUNNEL FLOOD BARRIERS
WMATA Metro Ventilation Shafts

- Sand bags as a temporary flood barrier
- Elevated & hardened with a parapet wall
FLOOD BARRIER TESTING PROGRAM
National Flood Barrier Testing and Certification Program

Learn more at nationalfloodbarrier.org
QUESTIONS?