The Wing-Gate is an automatic retractable curb inlet screen cover (ARS) that prohibits most trash and debris from entering storm drains during the dry season, and opens automatically with the pressure of water on the screen face to prevent street flooding. The device's screen remains in a closed position during the dry season or low water flow, and the retained pollutants can be removed using routine street sweeping. During periods of increased or heavy water flow the spring activated wing(s) will open automatically to prevent flooding that may otherwise be caused by accumulated debris on the screen.

**Locking and non-locking flood preventive designs available!**

**FUNCTIONALITY SPECIFICATIONS**
- Curb inlet opening from 3” in height
- Depth from the street wall to back wall of catch basin of minimum 6”
- No limit on height from water flow line to bottom of catch basin
- Can be calibrated to open when subjected to water flow levels of approximately 1” to 4”

**PRODUCT FEATURES**
- Fabricated from perforated S-304 stainless steel having 3/4”
  diameter holes and 50% open area
- Custom made and calibrated to each catch basin where it is
  installed
- Adjustable ends of wings ensure good fit
- Installed with a 1” to 2” gap at the top of screen for overflow bypass
- Remains closed during the dry season or periods of low water flow
- Designed to open from winged end(s) laterally or vertically based
  on catch basin configuration
- Spring activated to open with the pressure of water and debris on
  the face of the screen
- Closes automatically as a storm subsides
- Wings can be manually pinned in the open position as needed
  during catch basin cleaning and/or extreme storm conditions
- Gates with double or single wings can be installed in series
  based on catch basin length and flows to the site
- Can be used in conjunction with various storm drain filters

**Ask to see a demonstration of the Wing-Gate in action!**