

Port Authority of New York and New Jersey: Airport Approach to Resilience

Airports Going Green

November 12, 2013



Port Authority of NY & NJ



Airport Storm Risk

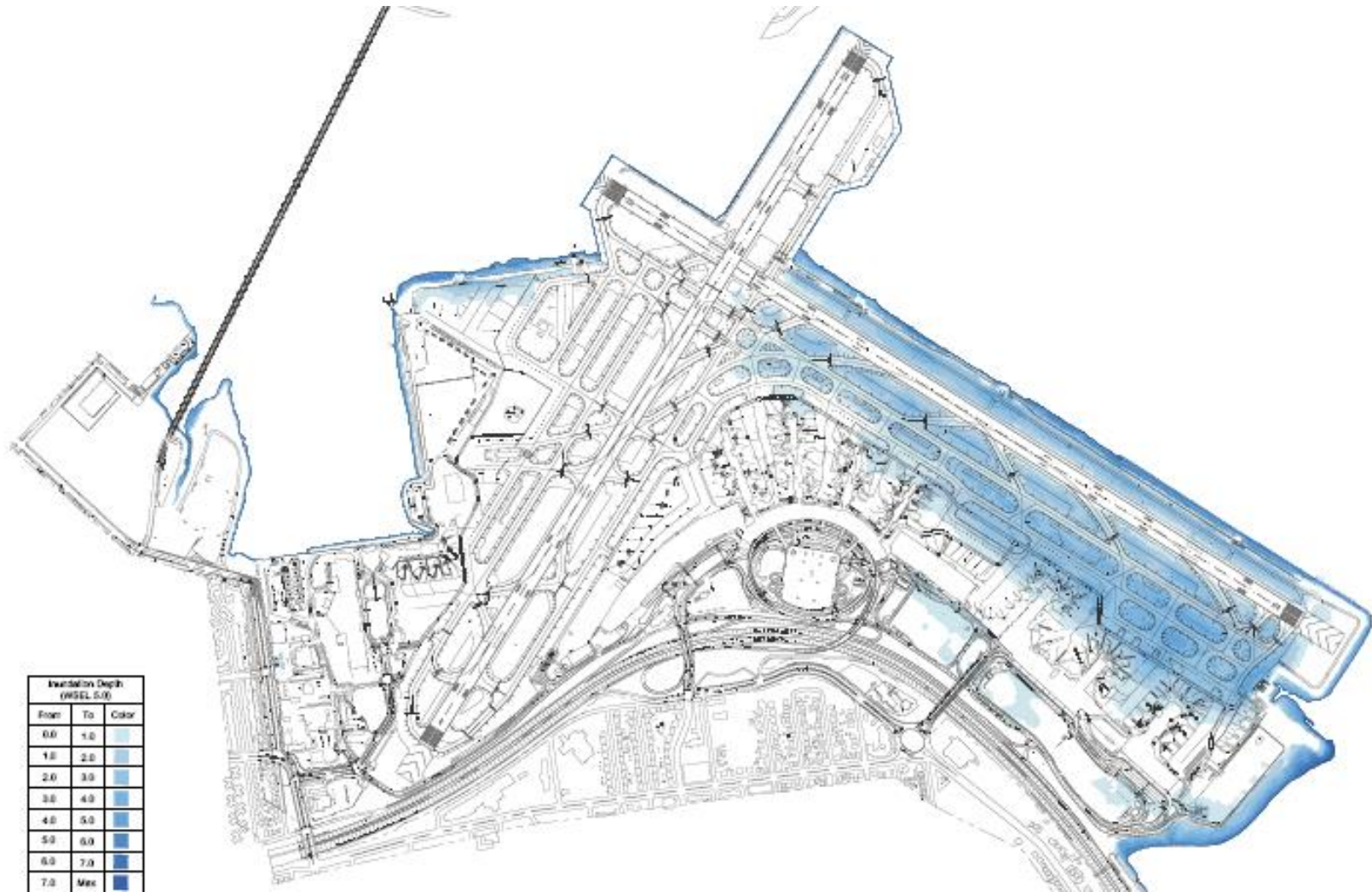


LGA, October 29, 2012



LGA, October 30, 2012

Example-LaGuardia Airport Sandy Inundation



Recovery Efforts: Lessons Learned at LGA

LGA, October 30, 2012



LGA, October 30, 2012



Recovery Challenges at JFK and Teterboro

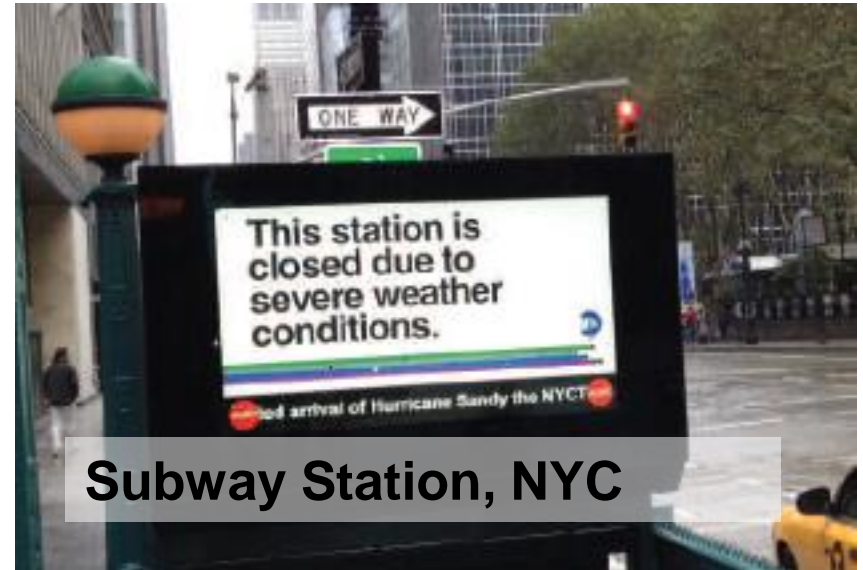
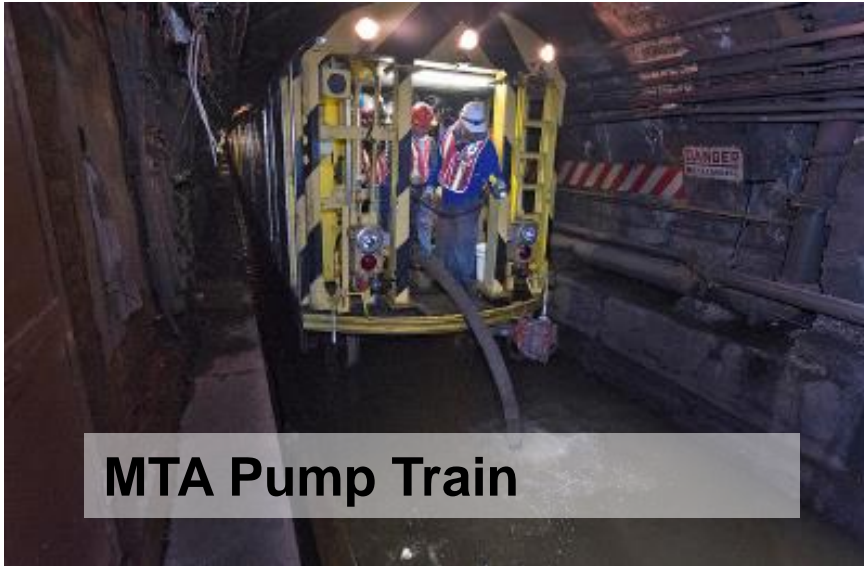


Recovery-Critical Asset: Stewart International Airport



SWF, October 30, 2012

Airport Flood Risk Extends Beyond the Airport Boundary



Planning for the Future

- Immediate Response:
 - Secure additional fuel supply
 - Review backup generation capabilities, especially for pumps
 - Elevate critical electrical equipment
 - Build stockpiles of spare parts
 - Improve design of current pump houses, flood gates, and other barriers
 - Priority protective measures

- Longer Term Response:
 - Conduct facility floodplain evaluations and risk assessments
 - Incorporate sea level rise projections into new facility design
 - Ensure resilience measures are incorporated into all aspects of facility planning