NOVEMBER 9, 2012

Superstorm Sandy Impact on New Jersey

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Office of Governor Chris Christie

- Executive Order No. 104 Issued
  - Saturday, October 27, 2012
  - National Weather Service predicted that Hurricane Sandy will move along the New Jersey coast beginning Sunday, October 28
  - *Potential for severe weather condition, including …*
    - Heavy rains
    - High winds
    - Dangerous storm surges and
    - Stream and river flooding
    - Threatening homes and other structures, and
    - Endangering lives in the State
  - To protect the health, safety, and welfare of the people of the State *of New Jersey …*
  - DO DECLARE and PROCLAIM a State of Emergency

What We Know Today – East Coast

- Overall Estimate $30-50B Economic Losses from Sandy
  - Provided by research firm IHS Global Insight
  - As much as $20B from infrastructure damage from the storm
  - Largest tropical system recorded in the Atlantic – 900 miles across or an area one and a half times the size of Texas
  - East coast commercial shutdown likely to result in GDP losses that outweigh infrastructure damages
  - Region affected stretched across 15 states on East Coast with Gross Regional Product of $3 Trillion. With estimated losses from $30-50B it would represent losses equivalent to 1.0% to 1.7% GRP
  - On Sunday 11/04/12, FEMA had approved $158M in individual assistance for all families and individuals still without power and heat
- Bloomberg Survey of 25 Economists – Business Impact
  - Sandy will reduce 0.15% from fourth quarter 2012 GDP growth
  - Sandy recovery will add 0.1% in first quarter 2013 GDP growth

What We Know – New Jersey

- Impacts to New Jersey
  - Governor Christie issued mandatory evacuations for all barrier islands from Sandy Hook to Cape May along with the closure of all Atlantic City casinos.
  - Highest recorded wind gust in the state was 90mph at a NJ recording station across the border from Staten Island
  - As of 11/04/12 at least 23 fatalities reported in the state
  - Jersey Shore Suffered Most Severe Winds and Surf
    - 50 feet of the Atlantic City boardwalk was washed away
    - Mantoloking suffered severe wash-over creating 2 new temporary inlets
    - Belmar boardwalk was completely destroyed
    - Perth Amboy marina and waterfront were destroyed
    - Casino Pier & Funtown Pier in Seaside Heights collapsed into the ocean
  - FEMA designated 8 counties a federal disaster; expanded to all in NJ

What We Know Today – New Jersey

- Impacts to New Jersey
  - Travel proved very difficult across the state due to downed trees and power lines as well as significant number of non-working traffic lights
  - New Jersey communities along west side of Hudson River were flooded by storm surge through New York Bay & into Hudson River
  - Large areas of Hoboken and Jersey City were flooded
  - Berm overflowed from Hackensack River, caused flooding damage to Little Ferry and Moonachie, and 5 feet water in streets & homes
  - Gas stations not able to pump fuel led to long car lines into streets

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What We Know Today – New Jersey

- Air Transportation
  - Most airports across the northeast were shut down Monday and Tuesday, 10/29-30/12 during the storm
  - Estimated 18,000 flights were grounded
  - Air travel flights resumed at Newark Liberty Wednesday, 10/31/12
  - A FedEx plane was the first to land at Newark Liberty and all of its planes were operating Wednesday, 10/31/12
- Rail Transportation
  - New Jersey Transit rail operations center was flooded by 8 ft water
  - Floodwater damaged at least 65 locomotive engines, 257 rail cars
- Adding to nerves, worries, downed trees, power outages ..
  - Magnitude 2.0 earthquake struck at 1:19AM 11/05/12 centered in Ringwood, a northern NJ community in Bergen County
  - *Nor'eastern* storm Athena hits NJ 11/07/12 with snow and high winds

What We Know Today – New Jersey

- New Jersey Infrastructure Recovery Timeline
  - Day 1, 10/30/12 – Full Impact of Storm Bears Down on NJ
  - Day 2, 10/31/12 - Newark Liberty Airport Opens
  - Day 3, 11/01/12 – Amtrak Service and Limited NJ Transit Resumes
  - Day 4, 11/02/12 – NJ Dept. Labor Workforce Plan Approved; $15.6M
  - Day 5, 11/03/12 – NJEDA Launches Hotline for Gas Deliveries
  - Day 6, 11/04/12 – Port Elizabeth Marine Terminal Re-Opens
  - Day 7, 11/05/12 – Port Newark Container Terminal Re-Opens
  - Day 8, 11/06/12 – PATH Service to Midtown Manhattan Restored
  - Day 9, 11/07/12 – NJ Business Recovery Assistance Announced
    - NJ Business Action Center (866) 534-7789 www.newjerseybusiness.gov
  - Day 10, 11/08/12 – Expanded Free Shuttle Bus/Ferry Over Hudson