



#LBSTRONG

Four Years after Superstorm Sandy

Re-Emerging, **STRONGER** • SMARTER • SAFER

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Four Years have passed since Superstorm Sandy changed the lives of everyone here in our community. Many are still feeling the effects of the storm and some are still not home, others worry about the future. Our City has continued to move forward and we have made tremendous progress, but there is still much more to do. We continue our commitment of supporting one another not only in rebuilding, but as we heal and re-emerge together...

STRONGER ● ***SMARTER*** ● ***SAFER***

Superstorm Sandy – By the Numbers

Actual Costs to Date:

- ✓ The City has received insurance payments totaling \$10.8 million from its insurance carriers and an advance check from FEMA in the amount of \$24.32 million (75% of estimated costs) that has been applied to the FEMA Category A clean-up and debris removal costs.
 - After years of legal work, a settlement agreement in the amount of \$800,000 to be paid by Lexington Insurance Company, a subsidiary of American International Group (AIG) to the City was reached. The settlement covers business interruption costs associated with Superstorm Sandy.
- ✓ The City has submitted Project Worksheets (“PWs”) to FEMA with total expenses of \$121,808,778 and to date has received \$88,927,022 from these completed project worksheets.

The City will continue working diligently with FEMA and the State to complete the outstanding PWs for each of the projects related to the rebuilding of the damaged infrastructure. The City expects that nearly all of the costs will be covered by insurance proceeds, FEMA and State funds.

Economic Indicators – *By the Numbers*

\$6.1M

MERGED OUR FISCAL & PHYSICAL RECOVERIES

In-house infrastructure work covering straight time, overtime, and equipment costs has infused \$6.1million back to the City's rainy day fund.

3.3%

UNEMPLOYMENT RATE DECREASED

Unemployment Rate Improved from 8.6% in March 2013 (after Sandy) to 3.3% in August 2016.

\$4.6M

BEACH PARK REVENUE – RECORD YEAR

Beach Park revenue reached its highest levels on record.



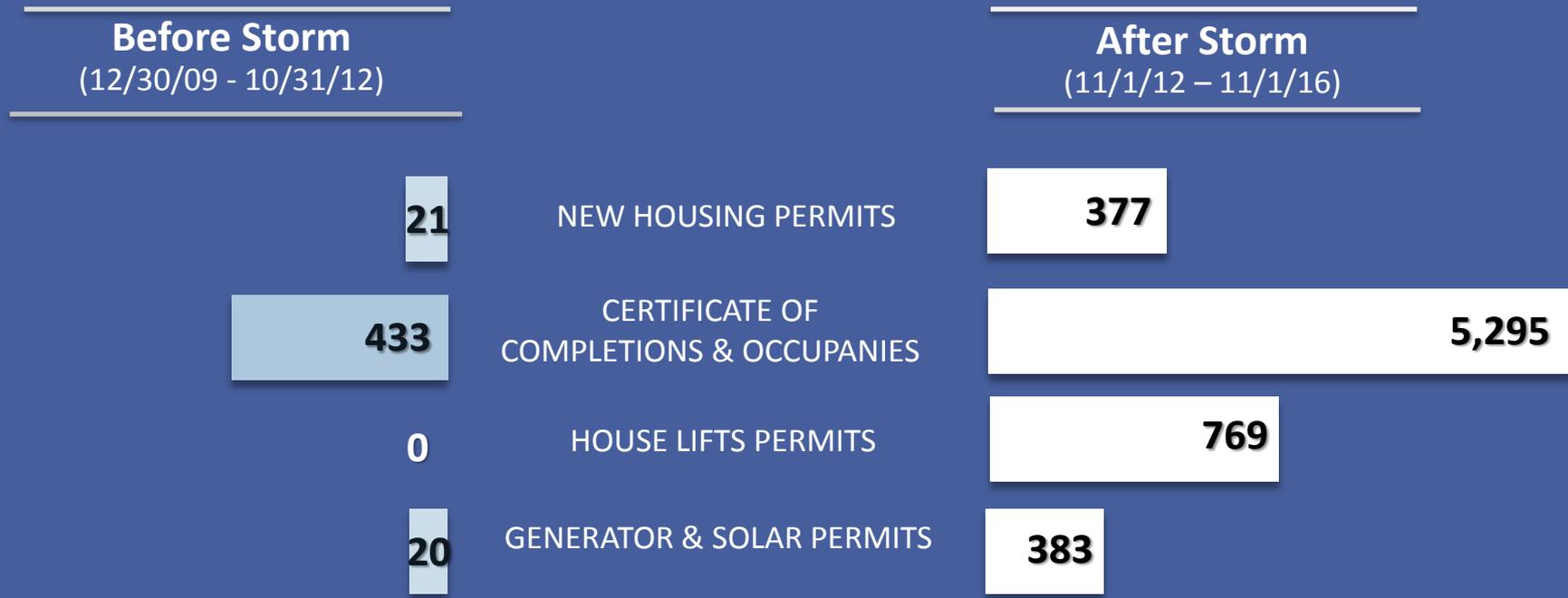
Residential Rebuilding Assistance Program

This innovative, first-of-its-kind initiative has assisted **1,481 households** to date. On a daily basis the program helps residents to navigate through their Rebuilding Process, whether it be with FEMA, NYRISING or our Building Department.

- ✓ With the assistance of the Residential Rebuilding Assistance Program, the Building Department has approximately 1,146 total building applications (Sandy related), of those, 668 permits have been issued.
- ✓ Over the past year, the City continued to facilitate various Resource Fairs - September 25, 2016 ; April 24, 2016; January 10, 2015; November 12, 2015; February 24, 2015.

The Residential Rebuilding Coordinator is available to work one-on-one with residents. For assistance, please call Isabel Dorbecker at 516-705-7222 or email RRC@longbeachny.gov.

Building Dept – *By the Numbers*



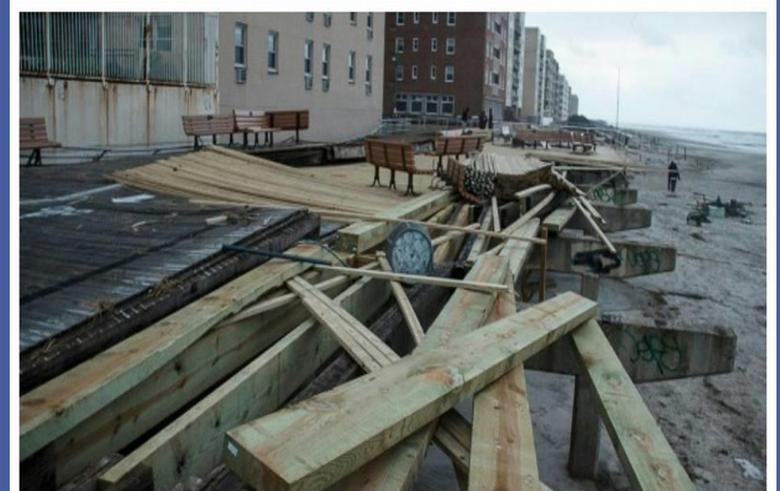
6,824

PERMITS ISSUED SINCE THE STORM

Boardwalk Reconstruction – Shining City by The Sea

The City completed the \$42M boardwalk reconstruction, which was funded by FEMA and the State of New York with Community Development Block Grant – Disaster Recovery Funds. The project was delivered ahead of schedule and under budget in October 2013, less than 12 months after Sandy hit. Most of the Boardwalk was open in July 2013.

- ✓ Reconstruction included a wave break wall installed underneath the Boardwalk to protect it;
- ✓ Extensive Public Outreach – The redesign of the Boardwalk was a result of an extensive community visioning and public outreach process;
- ✓ Facilitated by a Project Labor Agreement (PLA); first PLA agreement in Long Beach;
- ✓ Summer 2016 new concession buildings opened to the public with a variety of offerings.



City Wide - Park Upgrades

- ✓ **Clark Street Splash Park** – Park was renovated and irrigation lines were installed.;
- ✓ **Georgia Ave Splash Park** - New design, equipment, benches and safety surface ;
- ✓ **Leroy Conyers Playground** – Renovations included new safety surface, BBQ Pitts, swings, shuffle board court & splash park;
- ✓ **Magnolia Playground** - Volunteers from the Long Beach community joined with the City of Long Beach, Surf For All, JetBlue, and KaBOOM! to rebuild Magnolia;
- ✓ **Pacific Boulevard Playground** - New playground equipment, including swings shade shelters and expansion of 3,000+ sq. ft. of decking;
- ✓ **Sherman Brown Park** - Brand new safety surface and basketball court were installed;
- ✓ **Skate Park** - A state-of-the-art, community-designed 15,000 square foot facility, for skateboarders features an amoeba bowl, a combination horseshoe bowl and mini-ramp, a speed hump and numerous handrails and stairs;
- ✓ **Veterans Memorial Park** - Basketball courts and the roller rink were replaced with funding donated by Billy Crystal and Nancy Lieberman. The recreation turf field was also repaired after Sandy;
- ✓ **New Dog Run** - Featuring separate areas for large and small dogs, a water fountain, additional benches and sitting areas, and most importantly, two old fire hydrants for when your furry friend needs to use the bathroom.

Critical Infrastructure & Resiliency

Since Superstorm Sandy, the City's critical infrastructure has been upgraded with resilience. Roadway road projects increased to an average of 5 per year (2012-Present: 25 total projects) from 2 per year (2002-2011: 22 total projects).

\$4M

• Invested in rebuilding and improving our water system;

\$5.5M

• Invested in upgrading and repairing our sewer system;

\$1.4M

• Invested in upgrading our storm drainage infrastructure, including tideflex valves which can minimize flooding by allowing water to flow from the streets to the bay, but not in the reverse direction.

In the Works –North Shore Bulkheading

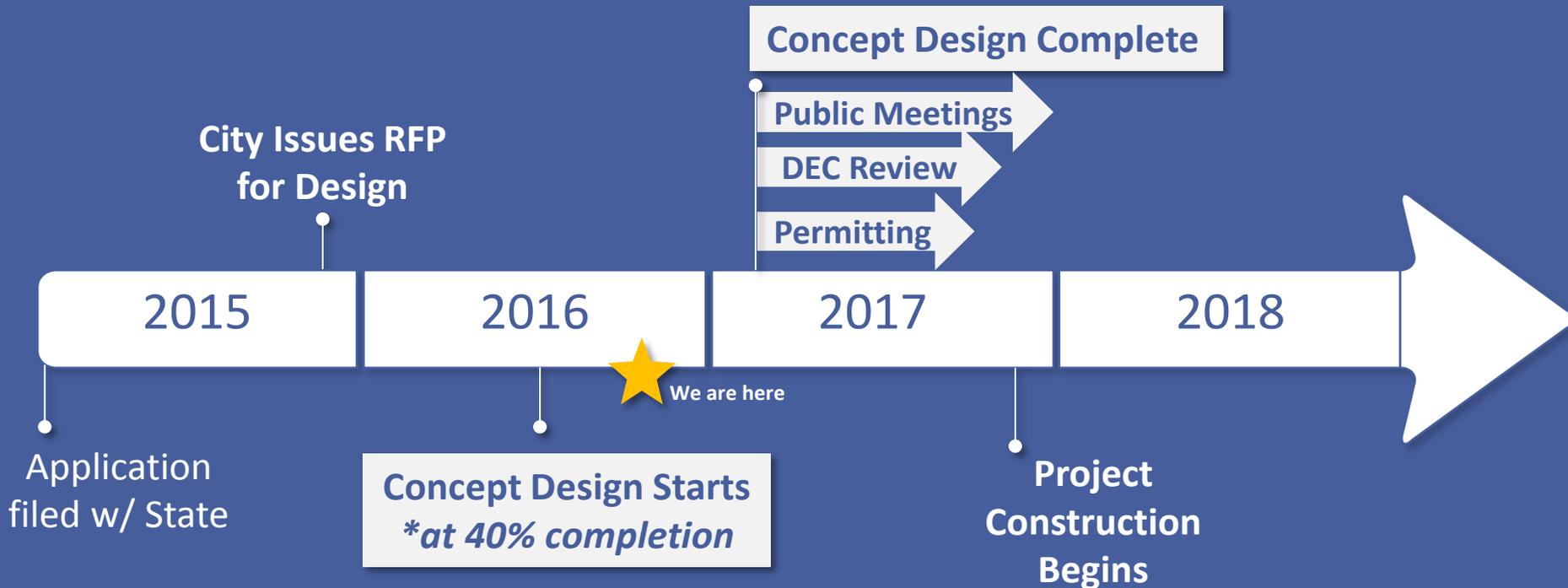
\$12.8 million project to protect the Bayfront

- ✓ Protection for our residents;
- ✓ Protection for the main commercial corridors;
- ✓ Reduction of contamination associated with flooding ;
- ✓ Project funded through Community Development Block Grant Disaster Relief;
- ✓ Continued Community Outreach.



In the Works – North Shore Bulkheading

Project Timeline



In the Works – Critical Infrastructure

\$20.6M million project to protect Center of the City

- ✓ Bulkhead & Storm water improvements to protect Long Beach’s industrial district and North Park, which includes the water treatment plant, storage tower & wastewater treatment plant from future storm surges;
- ✓ Gov. Andrew Cuomo secured \$13M in 2013 for project; Currently a \$20M project which will be covered by State recovery funds;
- ✓ Re-design will feature a pumping system to send water back into the channels over the bulkheads.

TIMELINE



In the Works – Office of Emergency Management

City Hall - Office of Emergency Management Command Center

- ✓ Enhance residents' access to emergency preparedness information;
- ✓ Better protection of assets, positioning them to assist in disaster operations;
- ✓ Establishment of response teams and coordination with disaster groups throughout the county.

TIMELINE



In the works – Army Corps Engineer Project

The Army Corps of Engineers broke ground on its \$230 million coastal protection project along Long Beach's oceanfront in August.



Phase One (complete early 2018): Rehabilitation of 18 groins or jetties, to help stabilize the sand, and the construction of four new groins.



Phase Two (early 2018 – 2020): A contract for the second phase is expected to be awarded next fall, and includes the addition of 5 million cubic yards of sand for dunes that will rise approximately 14 feet above sea level and extend along seven miles of shoreline, from East Rockaway Inlet to Jones Inlet.



Though substantial progress has been made and many projects are in the works, we will continue to prepare for potential storms of Sandy's magnitude. What we have to do and we will continue to do is improve our *resiliency* to live up to the City Council's mantra of rebuilding stronger, smarter and safer.

That's what we are committed doing each and every day.



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**Heartfelt THANK YOU to our
hardworking members of the
CSEA and management of the
Public Works and Building
Departments.**



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