• Coordination in Active Disasters - JFO

• Federal Leadership Resilience Collaborative

• Federal Disaster Recovery Reform Act

• FEMA/NJ Collaboration
MEETING
August 17, 2018
10:00 AM – 12:00 PM
One World Trade Center, 52nd Floor
Meeting Room 52 South 10

Focus: Hudson County, NJ

Meetings are held bi-monthly and focus on a geographic area
• Provides guidance to recovery leaders and stakeholders
• Describes how the whole community will build, sustain, and coordinate recovery to restore core capabilities
• Introduces the Recovery Support Functions (RSFs)

<table>
<thead>
<tr>
<th>RSF</th>
<th>Full Description</th>
<th>Coordinating Agency</th>
</tr>
</thead>
<tbody>
<tr>
<td>CPCB</td>
<td>Community Planning and Capacity Building RSF</td>
<td>FEMA</td>
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<tr>
<td>Economic</td>
<td>Economic RSF</td>
<td>DOC</td>
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<tr>
<td>Housing</td>
<td>Housing RSF</td>
<td>HUD</td>
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<tr>
<td>HSS</td>
<td>Health and Social Services RSF</td>
<td>HHS</td>
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<tr>
<td>Infrastructure</td>
<td>Infrastructure Systems RSF</td>
<td>USACE</td>
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<tr>
<td>Mitigation</td>
<td>Mitigation Advisor</td>
<td>FEMA</td>
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<tr>
<td>NCR</td>
<td>Natural and Cultural Resources RSF</td>
<td>DOI</td>
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To share information and synchronize projects across the federal community to lead, promote, and realize increased regional resilience in a sustainable manner.

This is accomplished through regular executive level and technical working group meetings at which agencies share technical and planning information to foster well-informed decisions, identify constraints and reconcile policies when feasible, align efforts to achieve major milestones, and flag potential legal and regulatory changes that would maximize resilience and interagency coordination.

In the event of anticipated or declared disasters, these meetings may also serve as the forum for additional discussions to facilitate coordination in preparation for impending events or in response to unexpected events.
BACKGROUND: FEDERAL PROGRAMS SUPPORTING SANDY INFRASTRUCTURE

**DOI:** *Hurricane Sandy Coastal Resiliency Competitive Grant Program*

*Grantees:* State, local, and nonprofit entities

**DOT:** *FHWA Emergency Relief Program; FTA Emergency Relief Program; Sandy Competitive Resilience Grant Program*

*Grantees:* NJ DOT, NJ Transit, NYC DOT, NYS MTA, NYS DOT, CT DOT

**EPA:** *Clean Water State Revolving Fund* (annual + Sandy Supplemental)

*Grantees:* NJ DEP, NJ EIT, NYS DEC, NYS EFC, NYC DEP

**EPA:** *Drinking Water State Revolving Fund* (annual + Sandy Supplemental)

*Grantees:* NJ DEP, NJ EIT, NYS DEC, NYS EFC, NYC DEP

**FEMA:** *Public Assistance; Hazard Mitigation Grant Program (HMGP)*

*Grantees:* NJ OEM, NYS DHSES, CT DEMHS

**HUD:** *Community Development Block Grant - Disaster Recovery (CDBG-DR)*

*Grantees:* NJ DCA, NYC OMB, NYS DHCR, CT DOH

**NOAA:** *Coastal Resilience Networks; Cooperative Institute of North American Research*

**USACE:** *Civil Works Program, Regulatory Program, Sandy Supplemental appropriations*

*Local Non-Federal Sponsors:* NJ DEP, NYS DEC, NYC

**USDA:** *Natural Resources Conservation Service Emergency Watershed Protection Program*

*Easement Holders:* Local and nonprofit entities
Together, federal agencies have sought to collectively ensure wise federal infrastructure investments resulting in greater regional resilience. Critical coordination efforts are continuing as major projects complete planning and design, begin construction, and become operational. Efforts include:

- Regular database updates and reports on progress of federally-funded infrastructure projects.
- Identifying and addressing potential duplication of efforts.
- Reconciling complex regulatory challenges and solutions.
- Increasing transparency and access to federal funding agencies.
- Creating and expanding lines of communication among different federal grantees and programs.
- Increasing coordinated planning among neighboring communities to leverage investments.
- Preserving and protecting communities, economies, and natural, historic, and cultural resources.
- Eliminating delays through concurrent versus sequential planning and review processes.
- Sequencing work to avoid unnecessary delays and/or construction impacts.
MAJOR SANDY INFRASTRUCTURE PROJECTS

This map shows the approximate locations of most of the major infrastructure projects funded in whole or in part by 10 federal agencies from the Disaster Relief Appropriations Act of 2013, and Sandy Recovery Improvement Act of 2013 (Public Law 113-2).

- Tracking >400 infrastructure projects
- Total estimated project costs = >$29 billion
- Total federal funding = >$21 billion
- ~10% need coordination attention
- >100 completed since January 2016
- ~120 are in construction
- ~70 to begin construction in late 2018

Source: 
SRIRC Project Database as of July 31, 2018
**BACKGROUND: SRIRC PROJECT DATABASE: > 400 PROJECTS**

Based on SRIRC Database as of 7/31/18

<table>
<thead>
<tr>
<th>Primary Federal Fund</th>
<th># of Projects</th>
<th>Estimated Project Cost</th>
<th>Federal Fund Allocation</th>
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<tbody>
<tr>
<td>USFEMA</td>
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<td>$10,965,051,810</td>
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<td>USACE</td>
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<td>$7,150,391,000</td>
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<td>USDOT</td>
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<td>$6,697,214,929</td>
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<td>USHUD</td>
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<td>USDOI</td>
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<td>$129,452,110</td>
<td>$63,251,868</td>
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<td>USDA</td>
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<td>$126,280,000</td>
<td>$74,380,000</td>
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<tr>
<td>USDOE</td>
<td>1</td>
<td>$1,600,000</td>
<td>$0</td>
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<tr>
<td><strong>Grand Total</strong></td>
<td><strong>425</strong></td>
<td><strong>$29,851,597,020</strong></td>
<td><strong>$21,473,850,957</strong></td>
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</tbody>
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**COORDINATION GROUPING PROJECTS**

**BREAKDOWN BY PROJECT STATUS**

- Completed: 25%
- Planning/design: 22%
- Construction: 28%
- Pre-construction: 18%
- Conceptual: 7%

*Based on SRIRC Database as of 7/31/18*
HUDSON COUNTY, NJ FOCUS AREA MAP

SANDY INFRASTRUCTURE PROJECTS

This map shows the approximate locations of most of the major federally-supported Sandy recovery infrastructure projects in the area.

- 22 projects
- Total estimated cost > $1.7 billion
- Total federal funds > $992 million

Source: SRIRC Project Database, July 31, 2018
### KEY PROJECTS IN HUDSON COUNTY, NJ

<table>
<thead>
<tr>
<th>DOI:</th>
<th>Hoboken Block 12 (DB#243)</th>
</tr>
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<tbody>
<tr>
<td>EPA:</td>
<td>Hoboken Wet Weather Pump Station (DB#421)</td>
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<tr>
<td></td>
<td>Hoboken Northwest Resiliency Park (DB#439)</td>
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<tr>
<td>FEMA:</td>
<td>North Hudson Sewerage Authority (DB#13)</td>
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<tr>
<td>FTA:</td>
<td>NJ Transit Long Slip (DB#300)</td>
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<td></td>
<td>NJ Transit Grid (DB#302)</td>
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<td>HUD:</td>
<td>NJDEP Hudson River Project (DB#15)</td>
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<tr>
<td>USACE:</td>
<td>NY &amp; NJ Harbor &amp; Tributaries Study (DB#693)</td>
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<tr>
<td></td>
<td>Hudson-Raritan Estuary Comprehensive Restoration</td>
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FTA: NJ TRANSIT – LONG SLIP PROJECT

Project cost: $195,397,910
• Federal funds (FTA): $146,548,432
• Non-Federal funds: $48,849,478
Status: Pre-Construction

- Fill the former Long Slip freight barge inlet at Hoboken Terminal and Rail Yard
- Construct 6 new terminal tracks and 3 passenger platforms above the base flood elevation

NJT Hoboken Ferry & Train Terminal
Long Slip

BEFORE

3 New Long Slip Train Platforms

AFTER

Project Status:
- NEPA FONSI: November 2016
- USACE Sec 10/404 Individual Permit issued
- NJDEP permits issued
- FTA Construction Grant awarded June 2017
- Construction to begin 2019 and finish 2021
New Jersey Transit Corporation proposes natural gas-powered electric generation system to power segments of the
northeast New Jersey commuter rail lines and the Hudson Bergen light rail lines.

The system will allow transit to continue to operate in the event of a failure in the regional commercial power grid.

Proposal includes:

- A 104-140 MW natural gas central power plant on a 20-acre site in Kearny, NJ, between the Hackensack River and the NJ TRANSIT Meadowlands Maintenance Complex
- New transmission lines along the Morris & Essex commuter rail line from East Newark to the Hoboken Rail Yard

Project Update:

- DEIS is in process
- Current target date for FEIS/ROD is Spring 2019
HUD: HUDSON RIVER PROJECT - TIMELINE

- **RBD** (Research & Development): 1 YEAR (Jun 2014)
- **Feasibility & NEPA Process**: 2 YEARS (Jun 2015)
- **Final Design of Preferred Alternative**: 2 YEARS (Sep 2017: Record of Decision)
- **Construction and Project Closeout**: 3 YEARS (Sep 2019)
- **Completion**: Sep 2022
1. Acquisition – Woodbridge $54,200,636
2. Acquisition – Sayreville $48,440,196
3. Acquisition – South River $15,226,224
4. Elevation – Toms River $1,700,070
5. Generator – DEP/ Mercer County $2,100,930
6. Retail Fuel Energy Efficiency Statewide $2,546,156
7. NJ Statewide Planning project $2,875,000
NJ Resiliency

- Community Profiles & Resiliency Indicators
- Community Flood Resilience Toolkit
- Mitigation Benefit Estimator
- 10 Year Grant – Overview
- Integration of Plans, Key Programs & Outreach
New Jersey is third highest state for total amount of claims to the NFIP. In order to increase the resiliency of the State and improve the solvency of the NFIP, a grant will be sought to mitigate structures viewed as the most at risk during a disaster.
THANK YOU

FEMA

HUD

USACE

EPA

DOI

DOT