



OCTOBER 8, 2015

REBUILD BY DESIGN

■ RESIST ■ DELAY ■ STORE ■ DISCHARGE ■

HUDSON RIVER

Hoboken

Weehawken

Jersey City

| New Jersey

CITIZEN ADVISORY GROUP – SCOPING/CRITERIA AND METRICS

AGENDA

1. Housekeeping

2. Project Status

- Scoping Meeting and Drop-In Recap
- Scoping Document Status
- Data Collection and Modeling

3. Overview of Concept Screening Criteria

4. Q&A and Comments

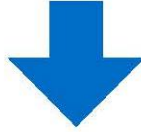
HOUSEKEEPING

■ CAG Communication Frameworks

	<u>Planned</u>	<u>Actual</u>
• 1 DAY after CAG meeting:		
• All material provided at meeting distributed	Sept 11	Sept 11
• 5 DAYS after CAG meeting:		
• Distribution of meeting summary	Sept 17	Sept 17
• 10 DAYS after CAG meeting:		
• CAG comments on meeting summary due	Sept 24	Sept 24
• 2 Days prior to CAG meeting:		
• Finalize meeting summary	Oct 6	Sept 24
• Provide agenda	Oct 6	Oct 1
• Other information regarding meeting content	Oct 6	Oct 6

PROJECT STATUS

we are here



June 2015

Purpose
& Need

Scoping

Screening
Criteria /
Metrics

Concept
Screening

Alternative
Analysis

Draft EIS

Final EIS

Dec. 2016

NOI

NEPA PROCESS

Technical Environmental Studies

ROD

FEASIBILITY ASSESSMENT

PUBLIC INVOLVEMENT

NOI - Notice of Intent

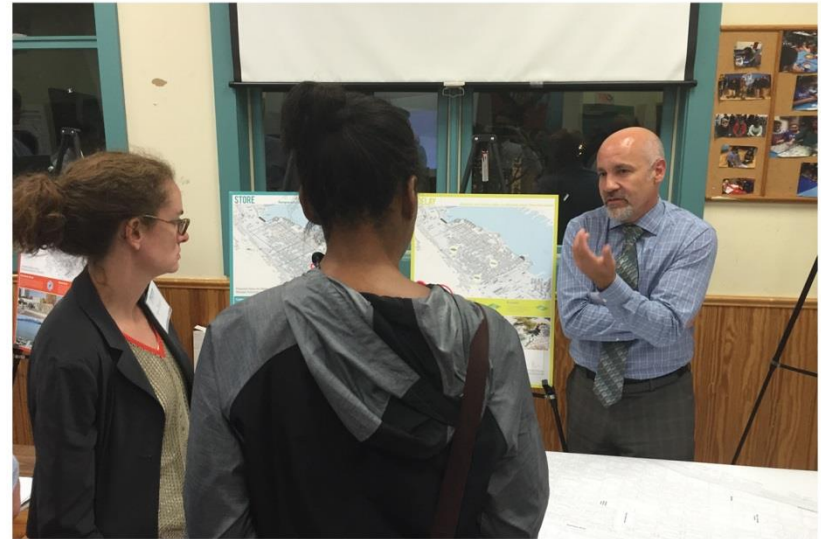
ROD - Record of Decision

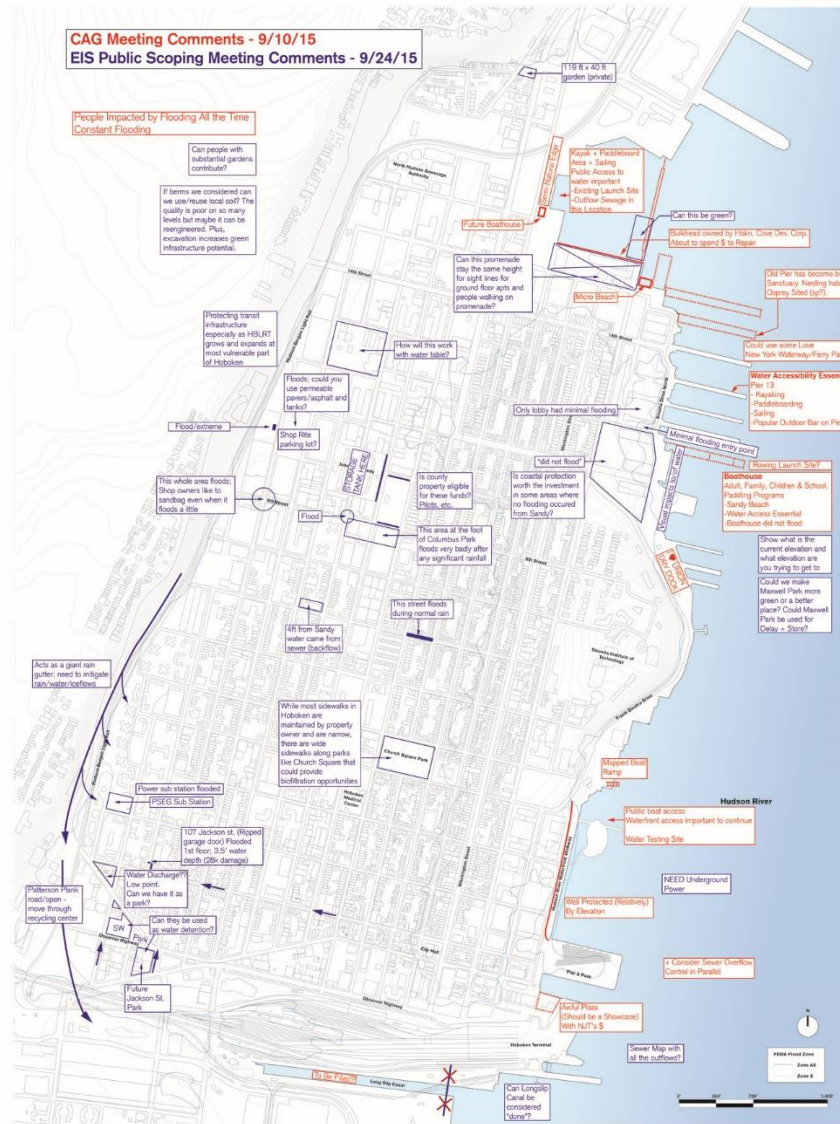
EIS - Environmental Impact Statement

SCOPING MEETING RECAP



SCOPING MEETING RECAP





Environmental Impact Statement
Public Scoping Meeting

Thursday, September 24, 2015
Hoboken Multi-Service Center
PH 2, 3
DA-7

Comments must be received or postmarked by October 9, 2015.

Office of Flood Hazard Risk Reduction Measures
1 State Street
Code: 501-01A
Box 420
Trenton, NJ 08625-0420

Additional Drop-In Open Houses:
September 29
4 pm - 8 pm
Hoboken City Hall, Basement Conference Room
94 Washington St., Hoboken
October 1
6:30 pm - 8:30 pm
Hoboken City Hall, Basement Conference Room
94 Washington St., Hoboken

Environmental Protection

Rebuild by Design
HUDSON RIVER

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Environmental Protection

OCTOBER 9

COMMENT/QUESTION FORM

- Time line (Make it fast)
- Storm surge (protect)
- Internal measures
- Combined sewers capacity
- Plant based

REBUILD BY DESIGN HUDSON RIVER Environmental Impact Statement Public Scoping Meeting

COMMENT/QUESTION FORM
I think the Hudson River...
I think the Hudson River...
I think the Hudson River...

act Statement
ing Meeting

ay, September 24, 2013
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DATA COLLECTION

Data Collection and Development of Baseline Conditions



Basemap

Mapping topographic elevations, environmental constraints, utilities, critical infrastructure, etc.



Waterfront Inspection

Determine the existing condition of the waterfront.



Geotechnical

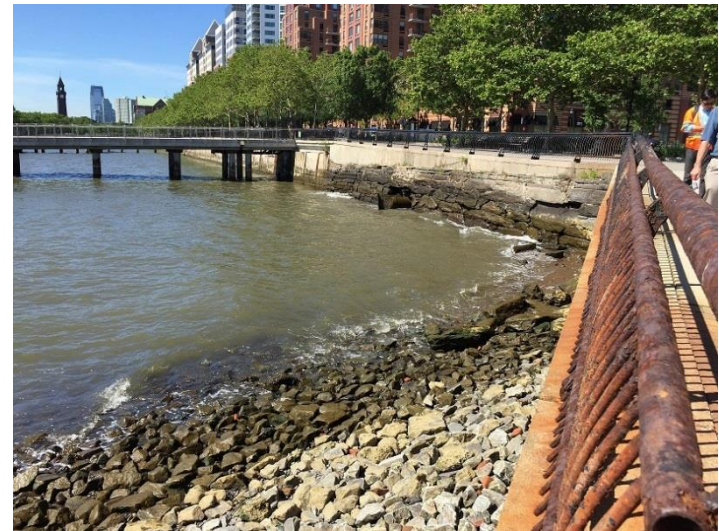
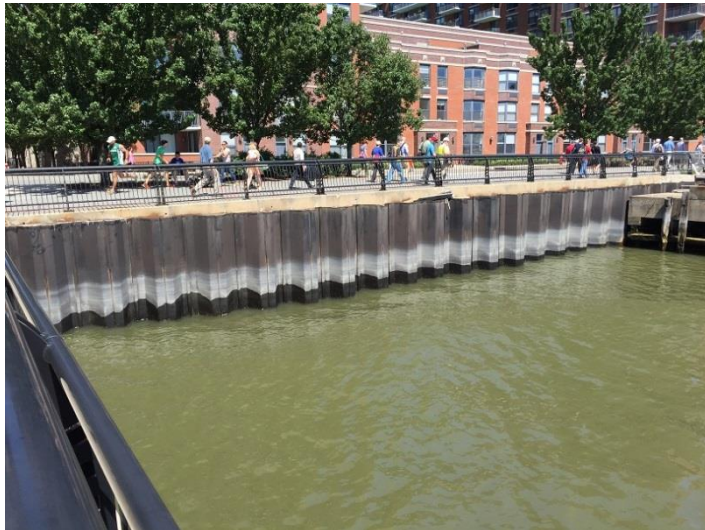
Evaluation of soil conditions, groundwater variation, infiltration tests, etc.



Modeling

Integrated coastal and stormwater model to evaluate existing conditions and the effectiveness of various design solutions.

WATERFRONT INSPECTION



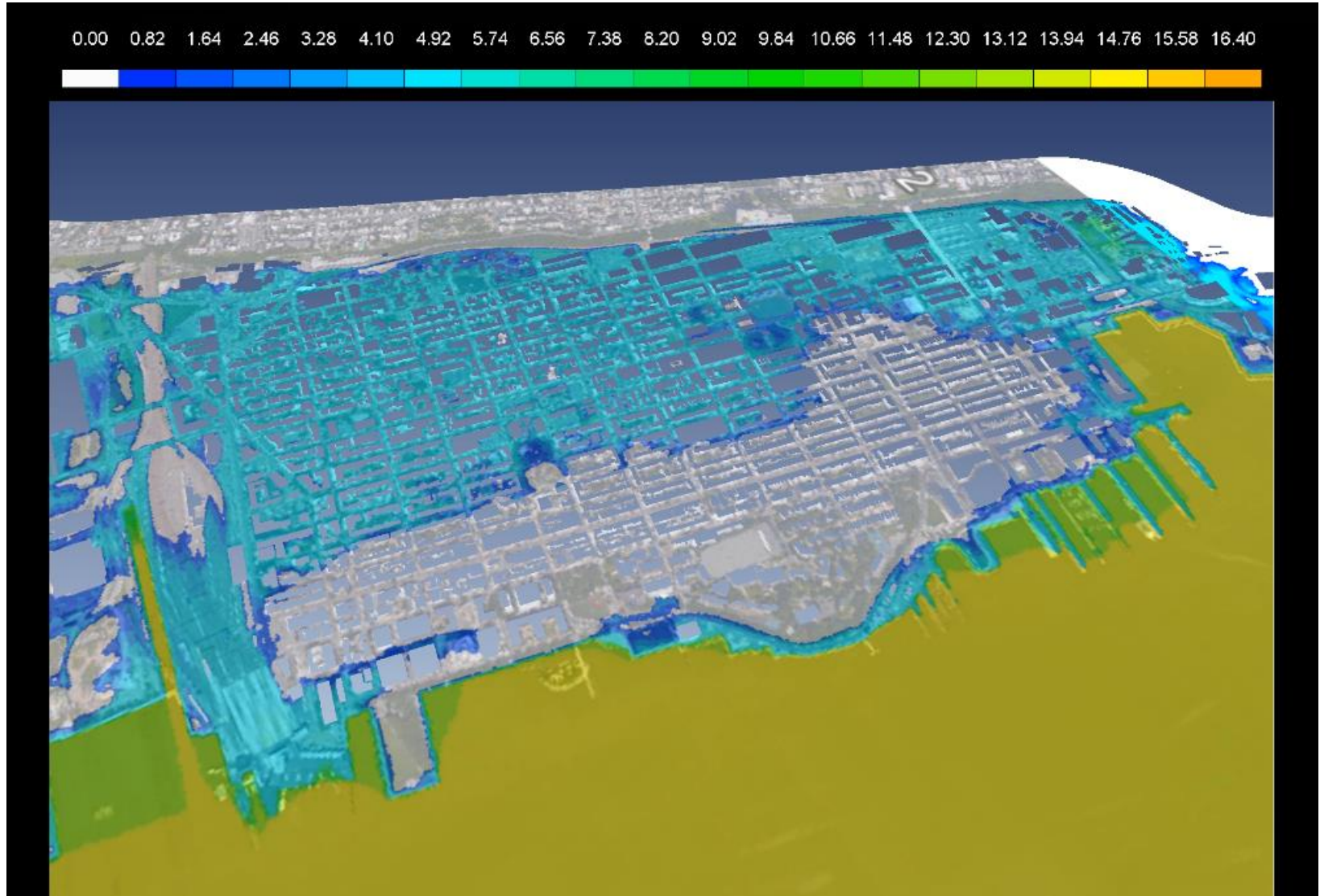
GEOTECHNICAL

Well No.	Approx. Ground El. (ft)	Depth to Groundwater (ft)	Approx. Groundwater El. (ft)	Locations
GW-1	4.0	5.0	-1.0	NE corner of Observer Hwy and Harrison St
GW-3	8.0	8.0	0.0	NW corner of Garden St and 4 th St
GW-4	6.0	5.25	0.75	Harrison St just south of 7 th St
GW-5	8.0	6.75	1.25	SE corner of Harrison St and 8 th St
GW-6	5.0	4.75	0.25	NE corner of Monroe St and 11 th St
GW-8	8.0	8.0	0.0	SE corner of Willow Ave and 13 th St
GW-9	7.0	9.0	-2.0	NE corner of Grand St and 9 th St
GW-10	4.0	4.0	0.0	North end of DPW yard at Willow Ave and Newark St

ENVIRONMENTAL CONSTRAINTS



MODELING



SCREENING PROCESS

Data Collection



Basemap



Waterfront Inspection



Geotechnical



Modeling

Concept Screening Criteria

Concepts	Overall Comparison					
	Flood Risk Reduction			Environmental Impact and Mitigation		
	Coastal Storm Surge Structure (South Waterfront Area)	Coastal Storm Surge Structure (North Waterfront Area)	Stormwater Management	Environmental Impact and Mitigation	Urbanism	Economics
Concept 1						
Concept 2						
Concept 3						
Concept 4						
Concept 5						

Concepts



Alternatives



Preferred Build Alternative



CONCEPT SCREENING



CONCEPT SCREENING CRITERIA AND METRICS



Q&A AND COMMENTS

OCTOBER 8, 2015