REBUILD BY DESIGN
HUDSON RIVER
JERSEY CITY   HOBOKE     WEEHAWKEN   |   NEW JERSEY

DESIGN ZONE WORKSHOP - ZONE 3
FEBRUARY 13, 2019
MEETING AGENDA

1. RBD BACKGROUND
   - COMPETITION
   - PRELIMINARY DESIGN
   - FEASIBILITY STUDY

2. ZONE 3 DESIGN UPDATE
   - PROJECT DRIVERS
     • Public Input
     • Technical Drivers
   - DESIGN UPDATES
     • Washington Street
     • Alleyway
     • Garden Street

3. ZONE 3 DESIGN MATERIALS
RBD BACKGROUND
PROJECT AREA

PROJECT AREA BOUNDARY

JERSEY CITY

HOBOKEN TERMINAL

LONG SLIP CANAL

MANHATTAN

UNION CITY

WEEHAWKEN

HUDSON RIVER

WEEHAWKEN COVE
HISTORICAL FLOODING
1844 FLOODPLAIN

PROJECT AREA BOUNDARY
HISTORIC FLOODPLAIN
HISTORIC COASTLINE
PRESENT DAY COASTLINE
SUPERSTORM SANDY
BREACH POINTS

PROJECT AREA BOUNDARY

JERSEY CITY
LONG SLIP CANAL

HOBOKEN
HUDSON RIVER

WEEHAWKEN COVE
WEEHAWKEN

DESIGN ZONE WORKSHOP ROUND 2
REBUILD BY DESIGN - HUDSON RIVER
RESIST ALIGNMENT

RESIST - SOUTH

PROJECT AREA BOUNDARY

RESIST - NORTH

WEEHAWKEN

JERSEY CITY

HOBOKEN
PROJECT TIMELINE
COMPETITION TO IMPLEMENTATION

COMPETITION

FEASIBILITY + ENVIRONMENTAL IMPACT STATEMENT

FINAL DESIGN + CONSTRUCTION

COMPETITION PHASE
4-PART STRATEGY

RESIST

DELAY

STORE

DISCHARGE
RECOMMENDATION
PREFERRED ALTERNATIVE - ALTERNATIVE 3
FINAL DESIGN
DESIGN ZONES

DESIGN ZONE 1:
WEEHAWKEN TIE IN

DESIGN ZONE 2:
COVE PARK

DESIGN ZONE 3:
WASHINGTON STREET / ALLEYWAY / GARDEN STREET

DESIGN ZONE 4:
OBSERVER HIGHWAY / RAILYARD

DESIGN ZONE 5:
JERSEY CITY TIE-IN
RESIST NORTH
DESIGN ZONES

Zone 1
Zone 2
Zone 3

Willow Avenue
Park Avenue
15th Street

Garden Street
Washington Street

15th Street
Zone 3

Washington Street
Garden Street

Zone 1
Zone 2
Zone 3
PROJECT DRIVERS

TECHNICAL UPDATES & PUBLIC INPUT INFORMING DESIGN DEVELOPMENT

FEASIBILITY STUDY

TECHNICAL UPDATES

PUBLIC INPUT

TREATMENT + PROGRAM

PUBLIC INPUT
RESIST TREATMENT METHODS
ZONE 3 RESIST STRUCTURE

METHOD: WRAP
WIDTH VARIES
2'-0" WIDE

METHOD: ATTACH

METHOD: SUPER GRAPHICS
WIDTH VARIES
2'-0" WIDE

METHOD: FORM LINER
WIDTH VARIES
2'-0" WIDE

METHOD: SLIDE
WIDTH VARIES
2'-0" WIDE

METHOD: WRAP
WIDTH VARIES
2'-0" WIDE
TONIGHT’S INPUT
PAMPHLET DESCRIPTION

YOUR FEEDBACK TONIGHT

DESIGN CONSIDERATION

TREATMENT + PROGRAM

TECHNICAL CONSIDERATION

OPPORTUNITIES

NEXT CHANCE TO PROVIDE FEEDBACK

RECOMMENDED DESIGN INTERVENTIONS

PRESENTED AT NEXT PUBLIC MEETING

PRESENTED TONIGHT
TONIGHT’S INPUT
PAMPHLET DESCRIPTION

Follow along with your pamphlet:
1. Project Drivers (Technical Updated + Public Input)
2. Zone 3 Design Interventions
3. Preferred Key Features Feedback (Tear and hand in before leaving)
TONIGHT’S INPUT
PAMPHLET DESCRIPTION - FRONT SIDE

DESIGN ZONE WORKSHOP
Zone 3 – Washington Street, Alleyway, Garden Street

What area are we looking at tonight?

THE ALLEYWAY

What are the main design drivers?

What are the key technical aspects found in Zone 3?

ZONE 3 – TEXTURE OPTIONS

- Wooden Texture
- Weathered Metal
- Stone Texture
- Aggregate Texture

GARDEN ST.

Which key features do you like for...

WASHINGTON ST.

- Maintained existing sidewalk clear width for pedestrian circulation.
- Wrapped treatment of Resist Structure with wood look and feel.
- Wrapped treatment of Resist Structure with metal look and feel.
- Treatment of Resist Structure with stone look and feel.
- Planters adjacent to SoulCycle.
- Simple seating adjacent to SoulCycle.
- Social seating adjacent to SoulCycle.
- Bike parking opportunities adjacent to SoulCycle.

Please provide additional feedback on back.

THE ALLEYWAY

- Trellis and vine plantings in Alleyway East.
- Personal seating within Alleyway East.
- Cool downward facing security lighting in Alleyway West.
- Wrapped treatment of Resist Structure in Alleyway with wood look and feel.
- Wrapped treatment of Resist Structure in Alleyway with metal look and feel.
- Treatment of Resist Structure in Alleyway with stone look and feel.
- Adjacent plantings screening out Resist Structure in Alleyway East.
- Exclusion of any seating elements within Alleyway West, maintaining a pass-through nature of the space.

Please provide additional feedback on back.

GARDEN ST.

- Wrapped treatment of Resist Structure with wood look and feel.
- Wrapped treatment of Resist Structure with metal look and feel.
- Treatment of Resist Structure with stone look and feel.
- Informal seating near farmers market and school entrances.
- Educational panels that could be changed over time near school and park entrances.
- Signage opportunities associated with farmers market and/or new Cove Park.
- Opportunities for murals that could be changed over time.
- Maintained existing sidewalk clear width for pedestrian circulation.

Please provide additional feedback on back.
TONIGHT’S INPUT
PAMPHLET DESCRIPTION - BACK SIDE

What are your thoughts about...
WASHINGTON ST.

Thank you for your feedback!

What are your thoughts about...
THE ALLEYWAY

Thank you for your feedback!

What are your thoughts about...
GARDEN ST.

Thank you for your feedback!

Texture Option*
*Not all finish materials reflected in vignettes. Final finish types and location of finish types still to be determined.

Thank you for your feedback!

*Not all finish materials reflected in vignettes shown on this pamphlet. Final finish types and location of finish types is still being evaluated.

Texture Option*
*Not all finish materials reflected in vignettes. Final finish types and location of finish types still being evaluated.
PUBLIC INPUT
COMMUNITY ENGAGEMENT RECAP
PREVIOUS ACTIVITY MATERIALS

Public Meeting #1

Design Zone Workshop #1

Digital Survey

Stickers
- 848 Sticker Responses

Playing Cards
- 158 Character Responses
- 299 Amenity Responses

Online Survey
- 1,453 Survey Responses
COMMUNITY ENGAGEMENT RECAP
DATA COLLECTED

Public Meeting #1
Design Zone Workshops Round 1
Digital Survey
COMMUNITY ENGAGEMENT RECAP
UNIQUE EXPERIENCES - HOBOKEN NEIGHBORHOOD EXPERIENCE

Zone 1

Zone 2

Zone 3

15th Street

Willow Avenue

Park Avenue

Recreational Experience

Visual Experience

Neighborhood Experience

14th Street

15th Street

Garden Street

Washington Street
COMMUNITY ENGAGEMENT RECAP
UNIQUE EXPERIENCES - HOBOKEN NEIGHBORHOOD EXPERIENCE
PUBLIC INPUT TAKEAWAYS
ZONE 3

Art / Sculpture (16)
Wayfinding / Signage (7)
Fitness (3)
Dining (1)
Planting (28)
Lighting Features (10)
Tot Play Area (1)
Bicycle Path (1)
Lawn (1)

Zone 3 Input
Results from May 30 & 31 DZW

Design Zone Workshop Round 2 Rebuild by Design - Hudson River
PUBLIC INPUT TAKEAWAYS
ZONE 3 - GARDEN STREET
PUBLIC INPUT TAKEAWAYS
ZONE 3 - ALLEYWAYS

- Relaxing Space for Farmer's Markets, etc.
- Natural Green Wall with a Variety of Planting
- Stepped Seating, Interactive Art/Sculpture
- Social Stepped Seating for Informal Gathering
- Lighting Features, Wayfinding, Interactive Art/Sculpture
- Lighting Features for Safety/Decoration
- Relaxing Space for Farmer's Markets, etc.
- Interactive Art/Sculpture, Wayfinding
- Bicycle Path
- Natural Planting and Shade
- Art / Sculpture
- Planter with Seating
- Green Wall
PUBLIC INPUT TAKEAWAYS
ZONE 3 - WASHINGTON STREET

- Relaxing Space for Farmer’s Markets, etc.
- Natural Green Wall with a Variety of Planting
- Stepped Seating, Interactive Art/Sculpture
- Relaxing Space for Farmer’s Markets, etc.
- Social Stepped Seating for Informal Gathering
- Lighting Features, Wayfinding, Interactive Art/Sculpture
- Lighting Features for Safety/Decoration
- Relaxing Space for Farmer’s Markets, etc.
- Interactive Art/Sculpture, Wayfinding

PLANTER WITH SEATING
SOCIAL SEATING

DESIGN ZONE WORKSHOP ROUND 2
REBUILD BY DESIGN - HUDSON RIVER
TECHNICAL DRIVERS
TECHNICAL DRIVERS
RESIST STRUCTURE - COVE PARK

Resist Structure design within Cove Park will include:

I-Resist Structure Sections
T-Resist Structure Sections
Gates
TECHNICAL UPDATES
CONVENTIONAL I-RESIST STRUCTURE SECTION (ALLEYWAY + WASHINGTON ST)

+ COST-EFFICIENT CONSTRUCTION

+ REDUCED STRUCTURAL FOOTPRINT

UTILIZED IN AREAS WHERE SPACE IS LIMITED AND WHERE STRUCTURE HEIGHTS DO NOT EXCEED SIX FEET.
TECHNICAL UPDATES
T-RESIST STRUCTURE SECTION (WEEHAWKEN + COVE PARK)

MEETS DESIGN REQUIREMENTS WHERE HEIGHT OF INTERVENTION IS GREATER THAN 6 FEET.
Gates are supported similar to T-Resist structure on a structural foundation and piles.
ZONE 3
TECHNICAL DRIVERS + COMMUNITY INPUT DRIVING DESIGN

I-Resist Structure  T-Resist Structure  Gates  Community Input
DESIGN UPDATE
TECHNICAL DRIVERS
OVERALL NORTH RESIST ALIGNMENT

- I-Resist Structure
- T-Resist Structure
- Gates

Street names:
- Willow Avenue
- Park Avenue
- 14th Street
- Washington Street
- Garden Street
- Washington Street
- Zone 3
- HOBOKEN
- WEEHAWKEN
EXISTING CONDITIONS
WASHINGTON ST. PART 1

RESIDENTIAL
RESIDENTIAL
THE MADISON BAR & GRILL
OUTDOOR SEATING
BIN 14 OUTDOOR SEATING
RESIDENTIAL GARDENS
STREET LIGHT

WASHINGTON STREET
BUILDING CUT FOR VISIBILITY
DESIGN CONSIDERATIONS
WASHINGTON ST. PART 1

- 8' PEDESTRIAN CLEARANCE
- KEEP EXISTING PLANTERS
- KEEP EXISTING RESTAURANT SEATING
- SIDEWALK BUMPOUT
- PARKING SPACES
DESIGN OPPORTUNITY
WASHINGTON ST. PART 1

ZONES OF OPPORTUNITY
MATERIALITY & PROGRAM
WASHINGTON ST. PART 1
MATERIALITY & PROGRAM
WASHINGTON ST. PART 1

Wooden texture  Weathered metal  Stone texture  Aggregate texture

Signage
"Morning, Dennis!"

"Morning, Karen!"

Stand Lean
"Waiting to be seated."
MATERIALITY & PROGRAM
WASHINGTON ST. PART 1

Wooden texture  Weathered metal  Stone texture  Aggregate texture

Signage

"Morning, Dennis!"

"Waiting to be seated."

Stand Lean

"Morning, Karen!"
DESIGN CONSIDERATIONS
WASHINGTON ST. PART 2

- 8' PEDESTRIAN CLEARANCE
- BIKE SHARE DOCK COULD BE RELOCATED
- RAISED CROSS WALK
- SIDEWALK BUMPOUT
- NEW PARKING LAYOUT
DESIGN OPPORTUNITY
WASHINGTON ST. PART 2
MATERIALITY & PROGRAM
WASHINGTON ST. PART 2
MATERIALITY & PROGRAM
WASHINGTON ST. PART 2

Wooden texture  Weathered metal  Stone texture  Aggregate texture

“Getting rest after workout.”

“Wanna go Soul Cycle?”

Simple Seating  Planter  Social Seating & Bike Rack
MATERIALITY & PROGRAM
WASHINGTON ST. PART 2

Wooden texture  Weathered metal  Stone texture  Aggregate texture

“Getting rest after workout.”

“Wanna go Soul Cycle?”

Simple Seating  Planter  Social Seating & Bike Rack
RESIST STRUCTURE
ALLEYWAY EAST

RESIST STRUCTURE
SWING GATE
+4'
BUILDING CUT FOR VISIBILITY
DESIGN CONSIDERATIONS
ALLEYWAY EAST

EXISTING TRANSFORMER

8' PEDESTRIAN CLEARANCE

BUILDING CUT FOR VISIBILITY

DESIGN ZONE WORKSHOP ROUND 2 REBUILD BY DESIGN - HUDSON RIVER
MATERIALITY & PROGRAM
ALLEYWAY EAST

EXISTING WALL

WASHINGTON ST.

BUILDING CUT FOR VISIBILITY

EXISTING WALL

+4'

EXISTING WALL

WASHINGTON ST.

EXISTING WALL

EXISTING WALL

WASHINGTON ST.

EXISTING WALL

WASHINGTON ST.
“Love the serene alleyway”

Panels with Planting Bed and Seating

Trellis Planter with Seating

Planting Terraces with Seating

Height matches the existing brick wall
MATERIALITY & PROGRAM
ALLEYWAY EAST

Wooden texture  Weathered metal  Stone texture  Aggregate texture

"Love the serene alleyway"

Height matches the existing brick wall

Panels with Planting Bed and Seating
Trellis Planter with Seating
Planting Terraces with Seating
EXISTING CONDITIONS
ALLEYWAY WEST

BUILDING LIGHTS
PARKING BUILDING
BOLLARDS
PLANTERS
STREET LIGHT
BUILDING CUT FOR VISIBILITY
DESIGN CONSIDERATIONS
ALLEYWAY WEST

8' PEDESTRIAN CLEARANCE
DESIGN OPPORTUNITY

ALLEYWAY WEST

ZONES OF OPPORTUNITY

BUILDING CUT FOR VISIBILITY
MATERIALITY & PROGRAM
ALLEYWAY WEST

Wooden texture  Weathered metal  Stone texture  Aggregate texture

“Cool security lights!”

Lighting & Wayfinding

Texture & Wayfinding
MATERIALITY & PROGRAM
ALLEYWAY WEST

Wooden texture
Weathered metal
Stone texture
Aggregate texture

“Cool security lights!”

Lighting & Wayfinding

Texture & Wayfinding
EXISTING CONDITIONS
GARDEN STREET

- PARKING BUILDING
- STREET LIGHT
- PLANTERS
- BIKE SHARE DOCK

DESIGN ZONE WORKSHOP ROUND 2 REBUILD BY DESIGN - HUDSON RIVER
RESIST STRUCTURE
GARDEN STREET

+4.5'
+6'

DOUBLE SWING GATE

BUILDING CUT FOR VISIBILITY
DESIGN CONSIDERATIONS
GARDEN STREET

8' PEDESTRIAN CLEARANCE
DESIGN OPPORTUNITY
GARDEN STREET

ZONES OF OPPORTUNITY

BUILDING OUT FOR VISIBILITY
MATERIALITY & PROGRAM
GARDEN STREET
MATERIALITY & PROGRAM

GARDEN STREET

Flexible Panels

Simple Seating

“Enjoy a snack from the farmers market!”

Wooden texture
Weathered metal
Stone texture
Aggregate texture
MATERIALITY & PROGRAM

GARDEN STREET

Wooden texture  Weathered metal  Stone texture  Aggregate texture

Flexible Panels

“Enjoy a snack from the farmers market!”

Simple Seating
UPCOMING ENGAGEMENT OPPORTUNITIES

• DESIGN ZONE WORKSHOPS, NORTHERN ALIGNMENT ROUND 2
  - FEBRUARY 2019
    • Zone 1+2: February 19th

• PUBLIC MEETING #3
  - MARCH / APRIL 2019

• PUBLIC MEETING #4
  - JULY 2019

NEXT STEPS + KEY DATES

• Questions & Comments:
  rbd-hudsonriver@dep.nj.gov

• Mail
  Dennis Reinknecht, Chief
  Bureau of Flood Resilience
  501 East State Street,
  Mail Code 501-01A, PO Box 420
  Trenton, NJ 08625-0420

• Website:
  www.rbd-hudsonriver.nj.gov
THE TEAM
WHO YOU WILL SEE TONIGHT FROM THE AECOM PROJECT TEAM

KAREN APPELL PE, CPESC
Project Manager

CHRISTY CHENG, OMA
Community Engagement

ERIC OLSEN
Landscape Architecture / Urban Design and Community Engagement

CHRISTOPHER BENOSKY, PE, CFM
Project Executive

TOM VARGO PE, CCM
Senior Design / Construction Engineer

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RAN WEI
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LAUREN MICIR
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DANIEL SGRIZZI
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ANNA MARSHALL
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END