



ROCKAWAY BOARDWALK

Construction Meeting

March 19, 2014



Introduction

Community Input



Meeting	Date
September 17, 2013	CB14 Parks Committee Presentation: Background and Constraints
September 23/24/25, 2013	Neighborhood Listening Sessions: Access, Surface, Recreation and Boardwalk Design
October 8, 2013	Full CB14 Meeting: Update and General Design Principles
October 23, 2013	Community Listening Session: Access, Surface and Amenities
November 6, 2013	Conceptual Plan Workshop: Recreation, Access, Natural Resources and Resiliency
November 18, 2013	CB14 Parks Committee Presentation: Preliminary Architectural Concepts
November 25, 2013	Conceptual Plan Workshop: Recreation, Access, Natural Resources and Resiliency
December 5, 2013	Conceptual Plan Workshop: Opportunity Sites
December 17, 2013	Full CB14 Meeting: Engineering and Pile Update and Phasing Overview
January 14, 2014	CB14 Meeting: Design Presentation and Construction Management Overview
February 6, 2014	Conceptual Plan Public Meeting
February 13, 2014	Employment Opportunities Outreach Meeting #1
February 27, 2014	Phase 3 Design Meeting with Local Stakeholders
March 5, 2014	Employment Opportunities Outreach Meeting #2
March 19, 2014	Construction Logistics Meeting #1
<i>March 24, 2014</i>	<i>CB14 Parks Committee Presentation: Conceptual Plan</i>
<i>March 26, 2014</i>	<i>Employment Opportunities Outreach Meeting #3</i>

Agenda



- Construction Logistics
- Construction Logistics Q+A
- Phase 1 and 2 Access Review

ROCKAWAY BOARDWALK



PROJECT INFORMATIONAL SESSION
Phases 1 and 2 Construction Logistics
March 19, 2014

Construction Phases



Phase:

Phase 1 (**B86-B97**):

Phase 2 (**B97-B107**):

Start:

April 2014

June 2014

Completion:

Memorial Day 2015

July 4, 2015

Phase 1 and Phase 2 Coordination Items

- All work contained within fully enclosed work areas.
- All work areas surrounded by an 8'-0" high chain link fence.
- Existing beach access locations at B86, B90, B92, B94, B96, B101, B103, and B106 will be maintained.
- When required to safeguard the public, a single beach access point will be closed to allow the work to progress.

Phase 1 and Phase 2 Coordination Items

- All construction materials, equipment, worker parking, and delivery trucks will be contained within the fenced work areas.
- Flagmen to be utilized when construction equipment and deliveries are crossing the pedestrian path adjacent to Shore Front Parkway.
- Work Hours will be Monday – Friday, 7:00a.m.- 4:00p.m.; Saturday makeup days in case of inclement weather.

Phase 1 and Phase 2 Coordination Items

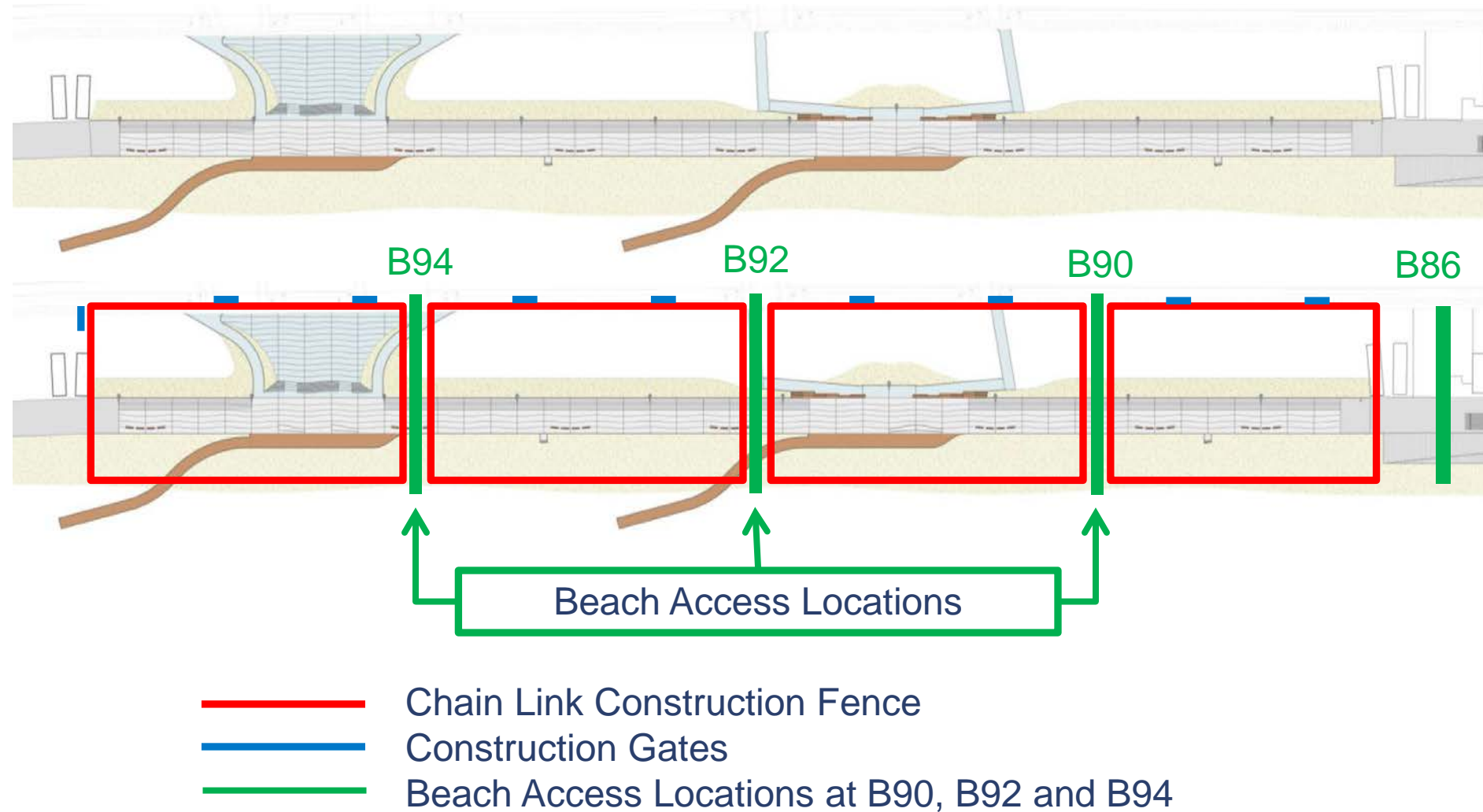
- Sound and Vibration Monitoring.
- Watchmen Service for work areas.
- Skanska Offices:
 - Storefront
 - Site Trailers
- NYCEDC Primary Contact:

Keith Dumanski

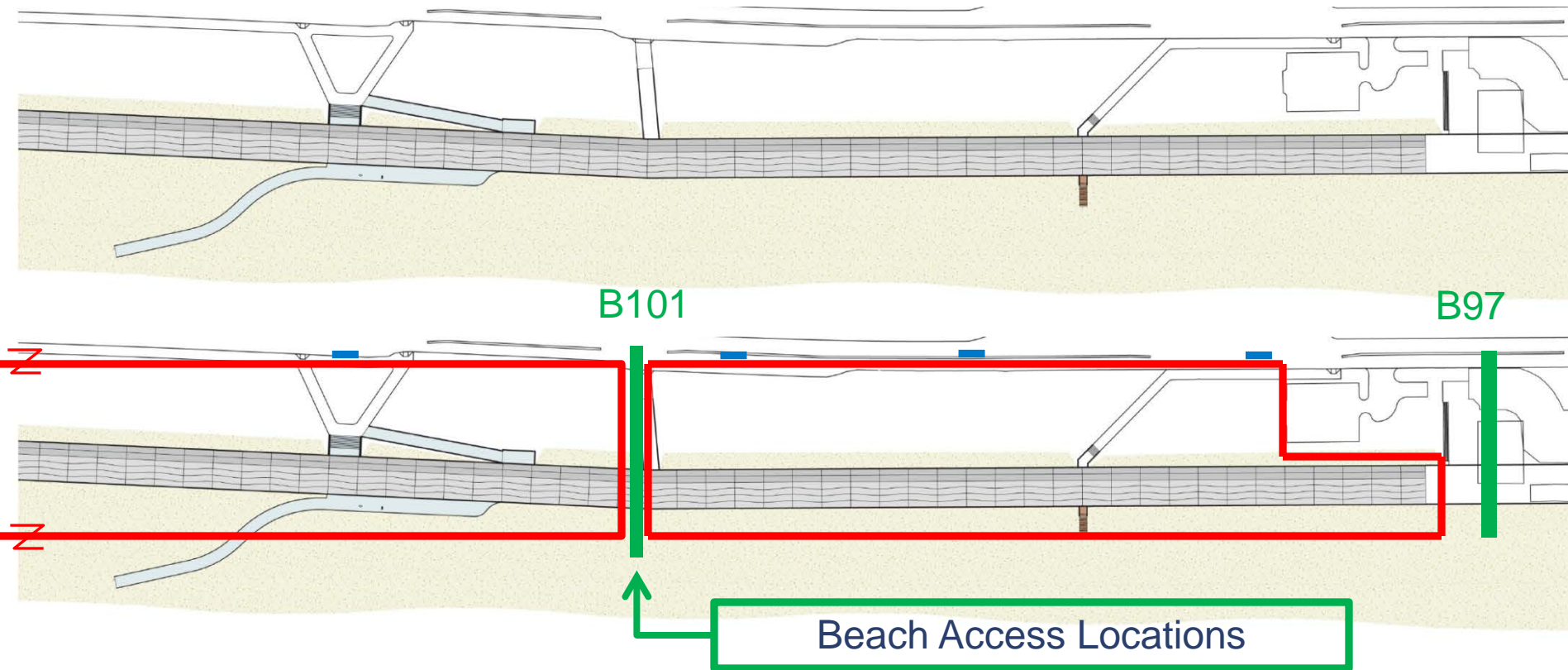
Email: kdumanski@nycedc.com

Phone: 212-312-3819

Phase 1: B86-B97

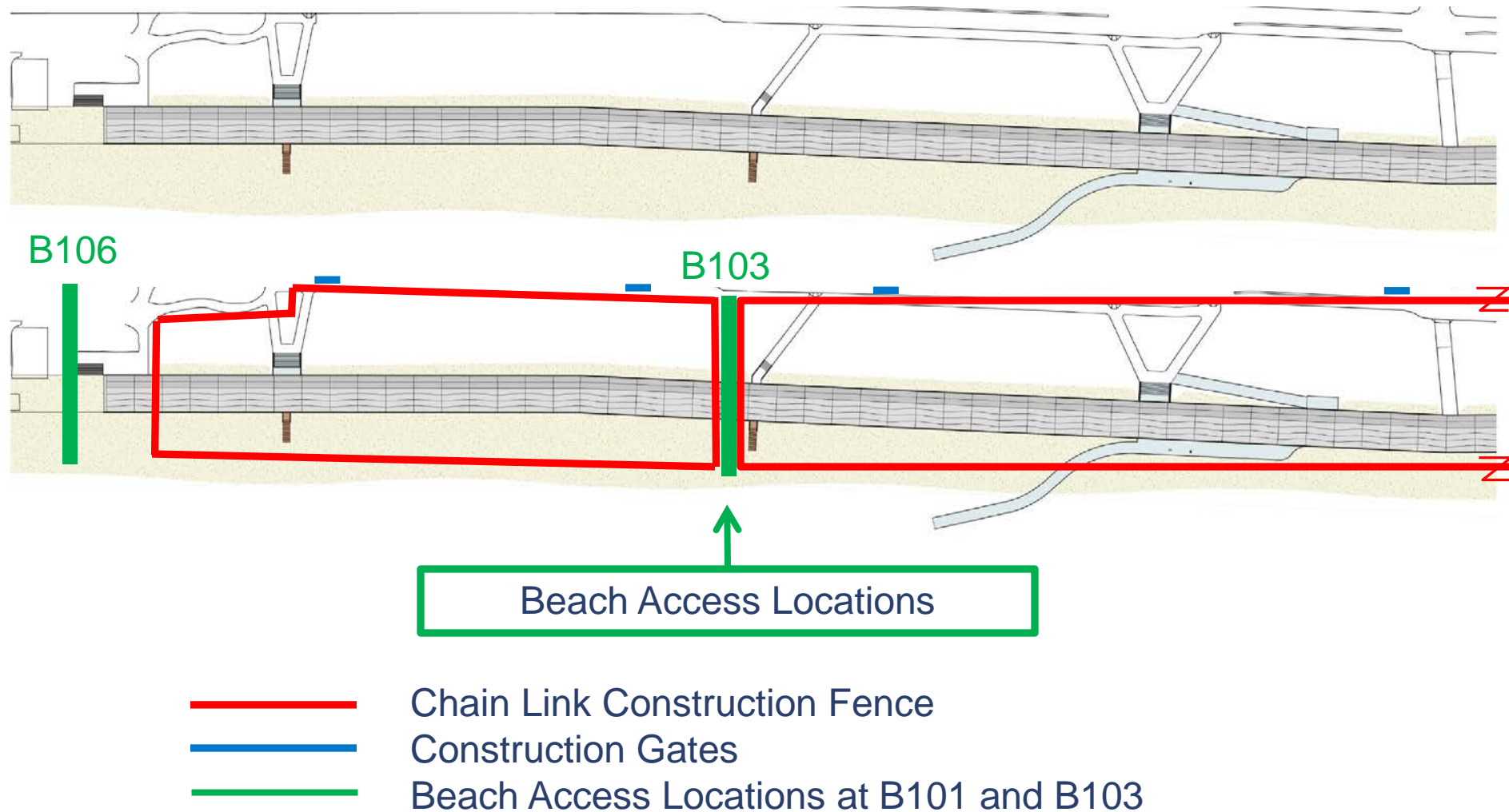


Phase 2: B97-B107



- Chain Link Construction Fence
- Construction Gates
- Beach Access Locations at B101 and B103

Phase 2: B97-B107



Existing Conditions



REMOVALS:

1. Remove Concrete Pile Caps
2. Remove Concrete Piles

Removals Work



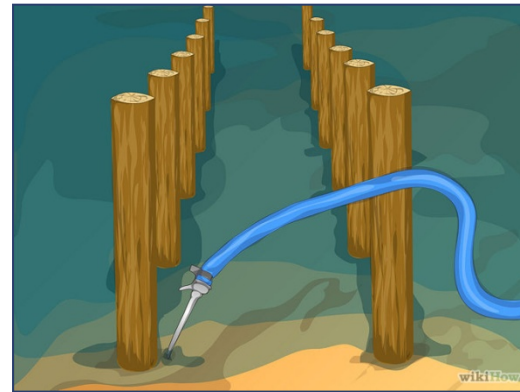
Excavator



Excavator with Hammer



Excavator with Shear



Waterjetting

Pile Driving



1. Steel Pipe Piles for Boardwalk
2. Steel H Piles for Sand Retaining Wall

Sand Retaining Wall



1. Precast Concrete Sand Retaining Wall

Pile Driving Work



Vibratory Hammer

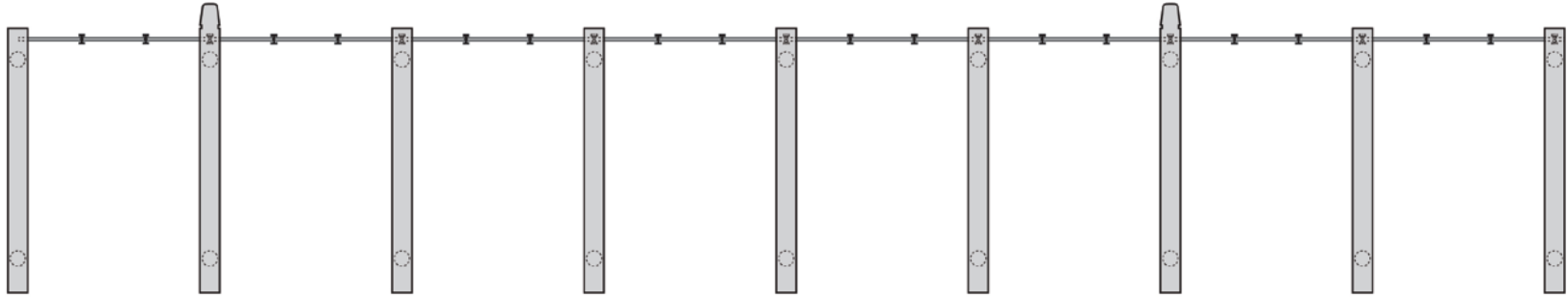


Impact Hammer



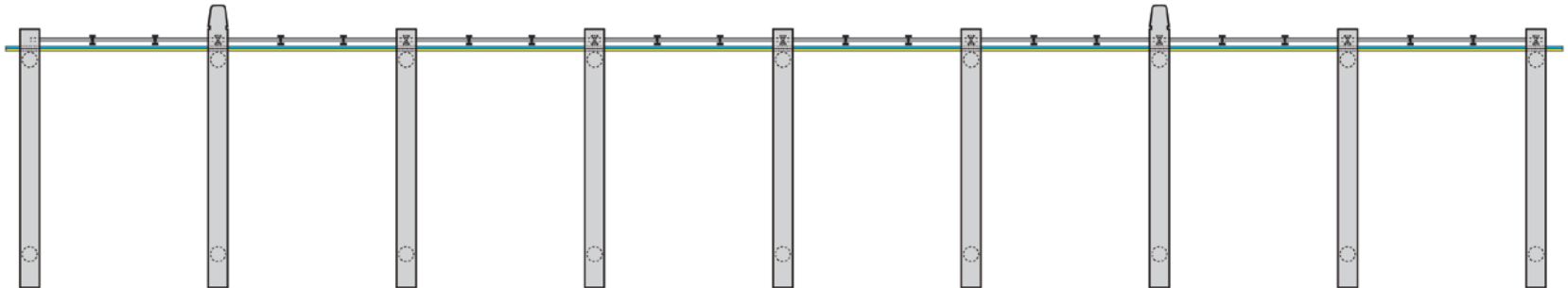
Impact Hammer

Precast Concrete Pile Caps



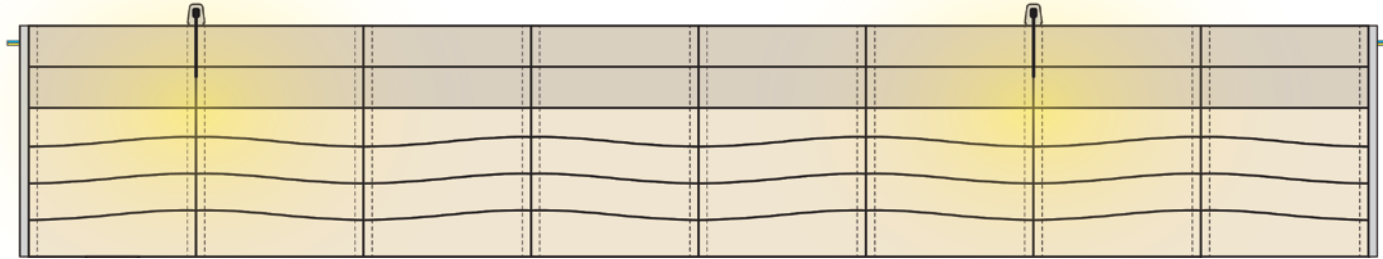
1. Precast Concrete Pile Caps

Utilities



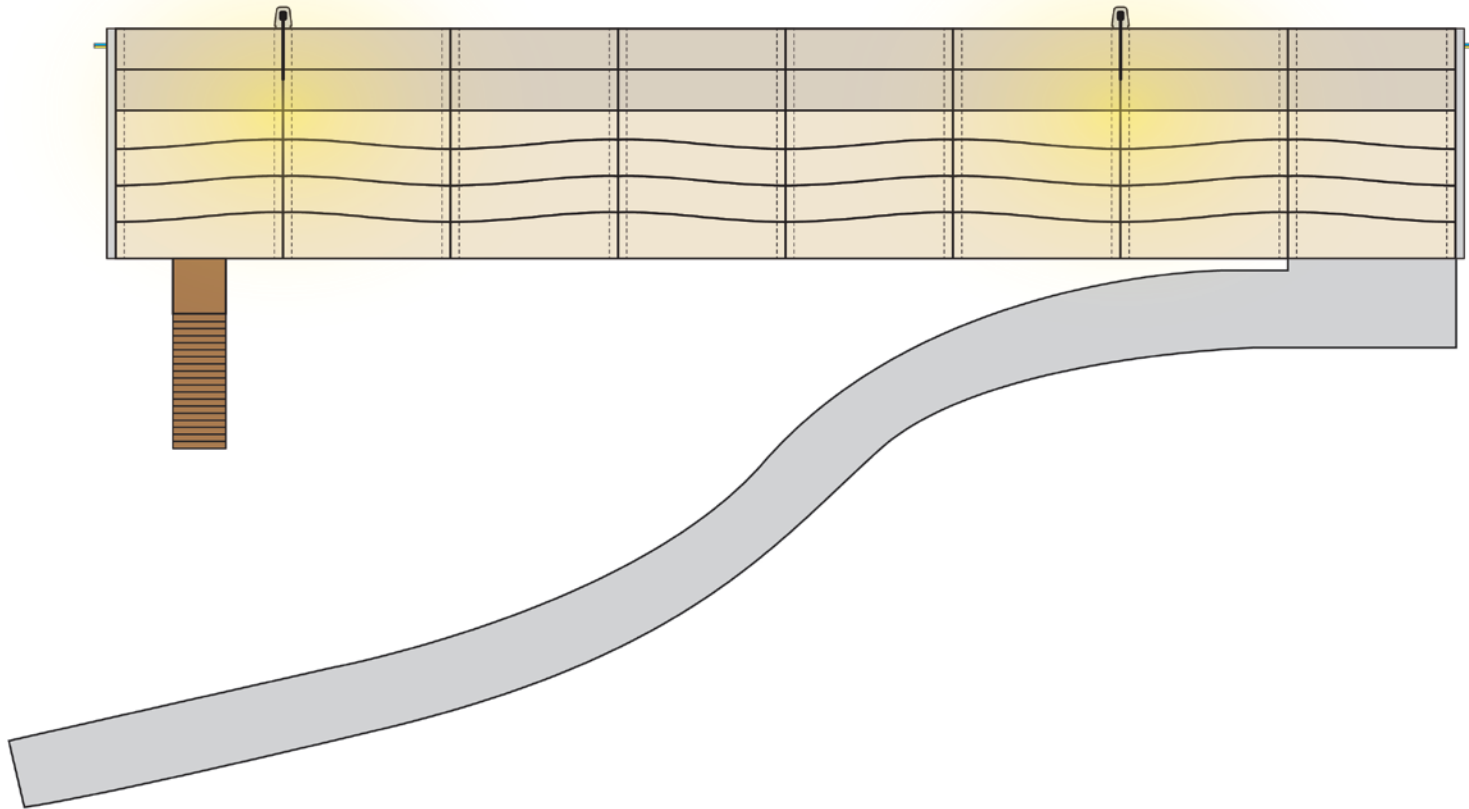
1. Sand Fill
2. Plumbing Pipe and Electrical Conduits

Precast Concrete Planks



1. Precast Concrete Planks
2. Light Poles
3. Railings
4. Site Furnishings

Boardwalk Access



1. Access Stairs and Ramps
2. Site Work

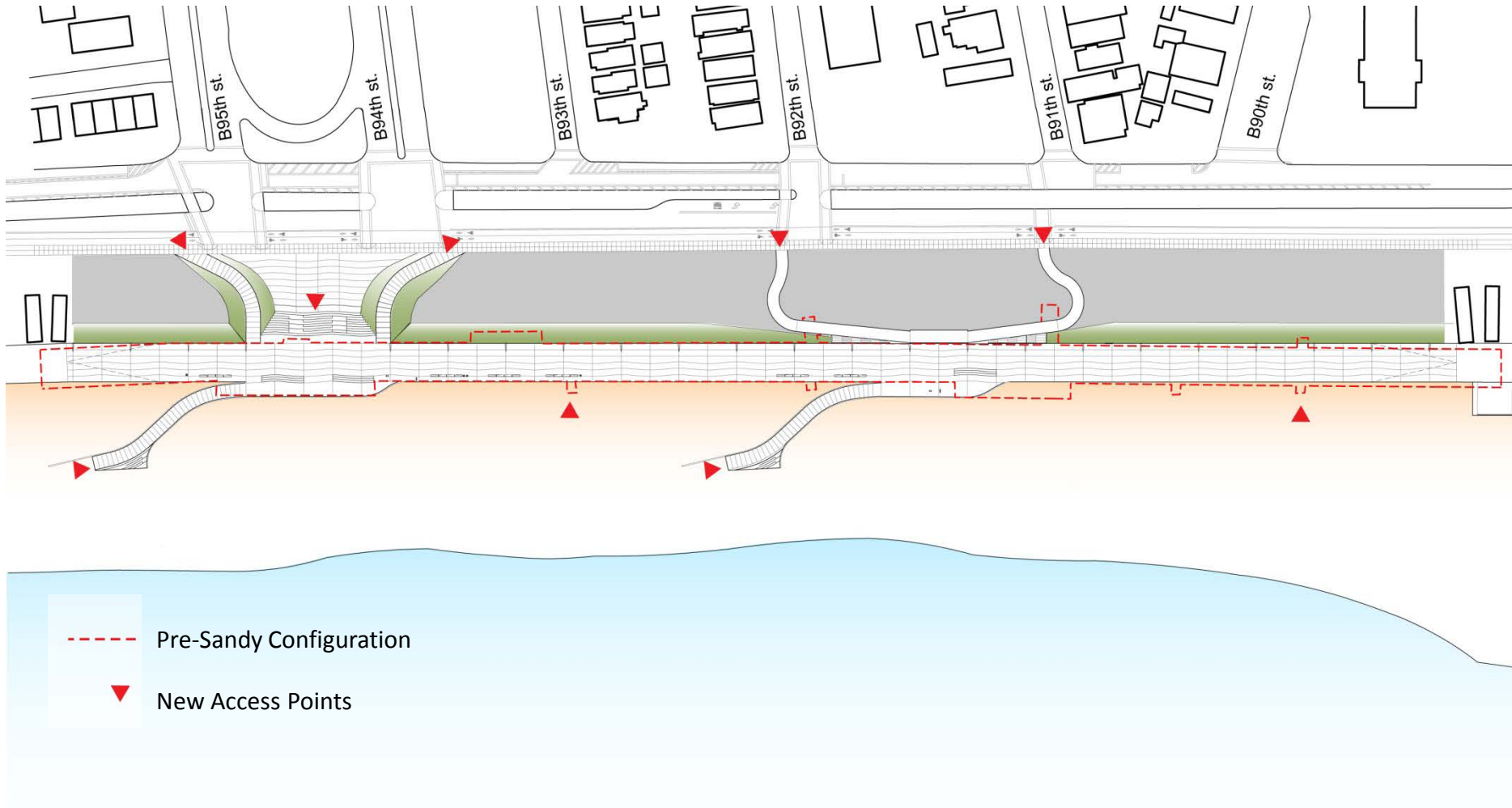
Question and Answer Session

Phase 1 and 2 Access Review

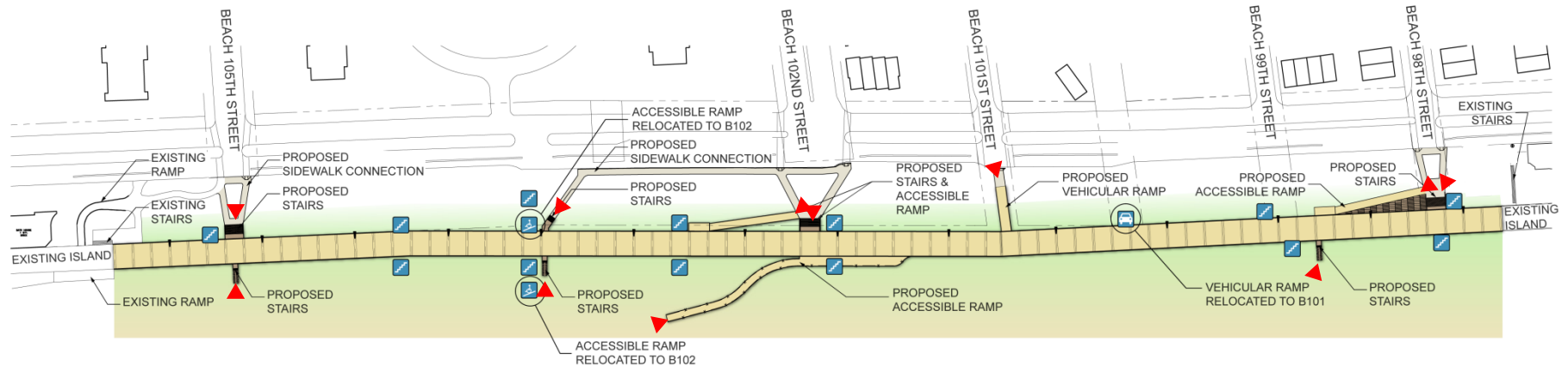


- Pre/Post Sandy Access Locations

Access (Pre/Post Sandy) Phase 1



Access (Pre/Post Sandy) Phase 2



LEGEND

- PRE-SANDY STAIR
- PRE-SANDY ACCESSABLE RAMP
- PRE-SANDY VEHICULAR RAMP
- RIGHT OF WAY



SCALE: N.T.S.

Wrap Up



Questions?