







## REBUILD BY DESIGN COMMUNITY MEETING

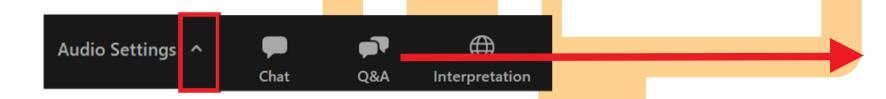
## Change your settings/Communicate with the host

To communicate with the meeting host select the "Q&A" function

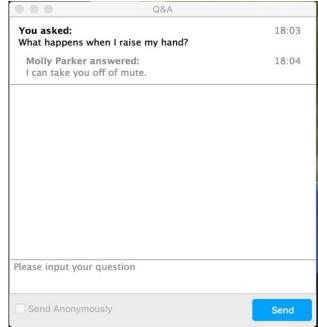
Questions will be answered at the end of the presentation

Check or change your audio settings:

Click the upwards arrow to change your speaker







## **AGENDA**

- Rebuild By Design Hudson River project history
- Southern Work Zones
- Marin Boulevard Construction Work
- Traffic Mitigation and Strategies
- Traffic Maps
- Communications



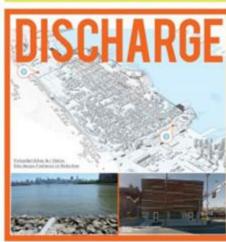


## **REBUILD BY DESIGN — HUDSON RIVER PROJECT**





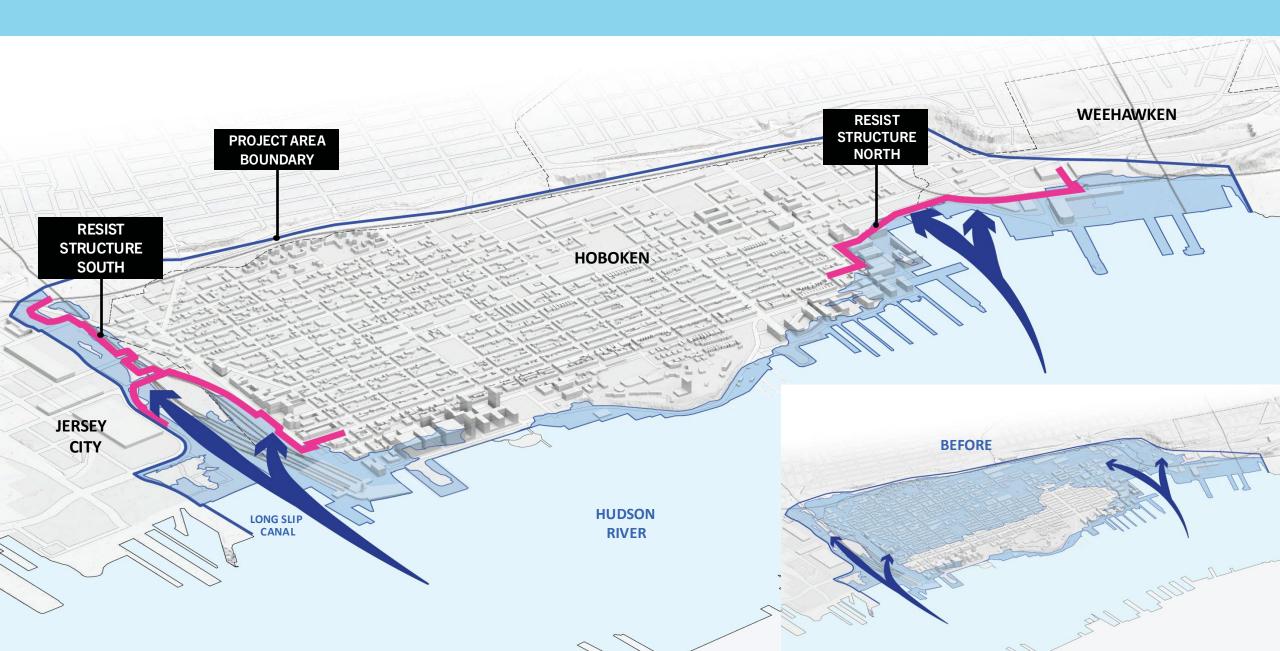




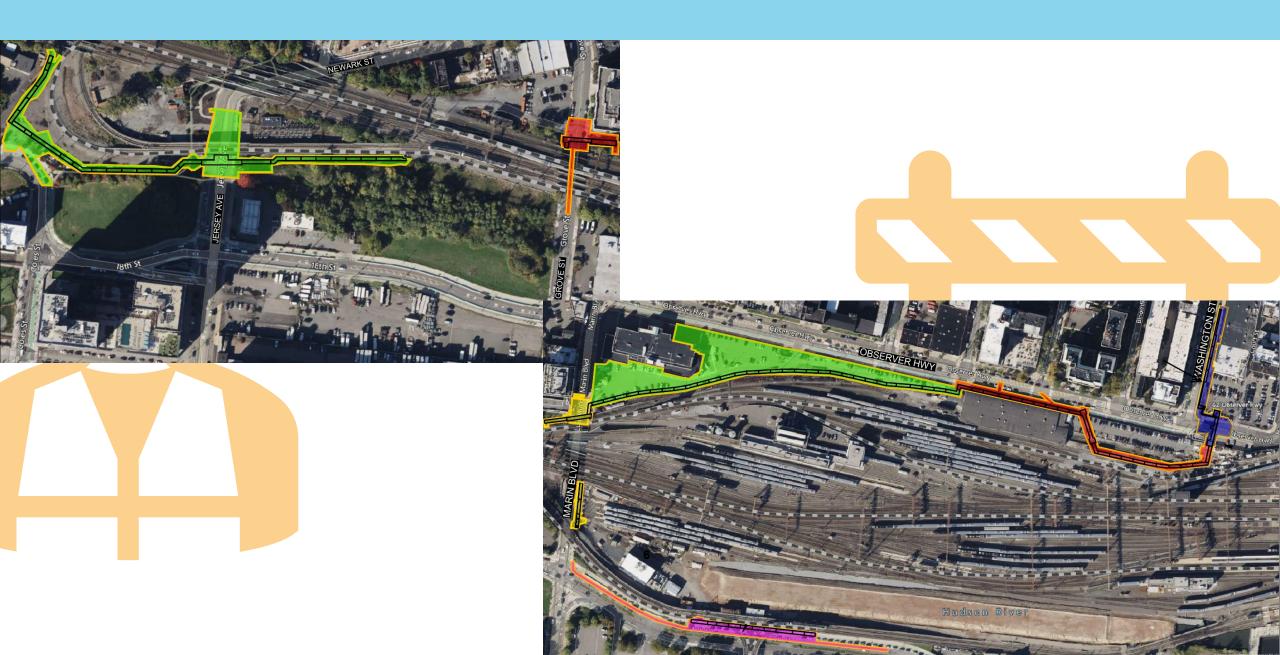
## **Resist** – **Delay** – **Store** – **Discharge:**

Combined coastal and rainfall flood risk reduction

## **REBUILD BY DESIGN — RESIST ALIGNMENT PURPOSE**



## SOUTHERN RESIST STRUCTURE CONSTRUCTION



## PLANNED MARIN BOULEVARD ROAD CLOSURE

#### Planned Road Closure: What's Happening and Why

This multi-phase construction plan was developed in **two stages** to consider safety, efficiency, and long-term durability

#### Closure 1: Tentative start week of July 21st - Approximate 4 Months

- 1. Watermain sleeves (requires some nighttime work)
- 2. Utility Poles relocation / removal PSE&G
- 3. Micropile, Sheet Pile, and Jet Grout Installations
- 4. Resist Structure Concrete Wall Construction
- 5. Pour Resist Structure Gate Concrete Monolithic Foundation Slab
- Install Gate Rails
- 7. Install new Concrete Curbs and Sidewalks
- 8. Pave Roadway and Install Permanent Pavement Markings

#### Closure 2: Currently Anticipated Summer 2026

1. Gate Installation and Testing



## COORDINATING PROJECTS TO REDUCE ROAD CLOSURES



Full Closure of Marin Boulevard (Between 18th Street and Observer Highway) to all Bicycles, Pedestrians and Vehicles

Construction vehicles will have continued access

Synchronizing various construction projects to be performed during the same road closure

- NJ TRANSIT Long Slip Fill and Rail Enhancement project will allow train service to operate longer and recover more quickly from storm events, needs to close Marin Boulevard as well
- Hoboken Water System Pressure Mitigation Project will reduce pressure surges to prevent water main breaks, requires some work on Henderson Street
- Concurrent work avoids multiple closures

RBD Team coordinated with utilities to incorporate needed work into this closure

## **ROAD CLOSURE CONSIDERATIONS**

#### **Open One Lane of Traffic (Either North / Southbound) During Work**

- Road Foundation Design Requires Monolithic Concrete Installation
- Foundation and Gate Rails System Installed at the Same Time
- Rail System Specifies a Tolerance of 1/32" and Requires Extensive installation and Uninterrupted Run of Track

#### **Explored Reopening Road at the End of Each Workday**

- Due to Extensive Foundation Width, it is not Safe to Cover / Steel
   Plate Roads at the end of each Workday and Reopen to Public
- Concrete Foundation Needs Time to Cure
- Steel Plating each day Reduces Construction Productivity and Extends Duration of Work

## Need to work within Constricted Calendar Schedules (e.g., Summer Only)

 Overall Construction for the Project would Increase and Extend Impact Duration



## MARIN BOULEVARD WORK SCHEDULE



Full Closure to be Approximately 4 Months
Potential for Schedule Compression

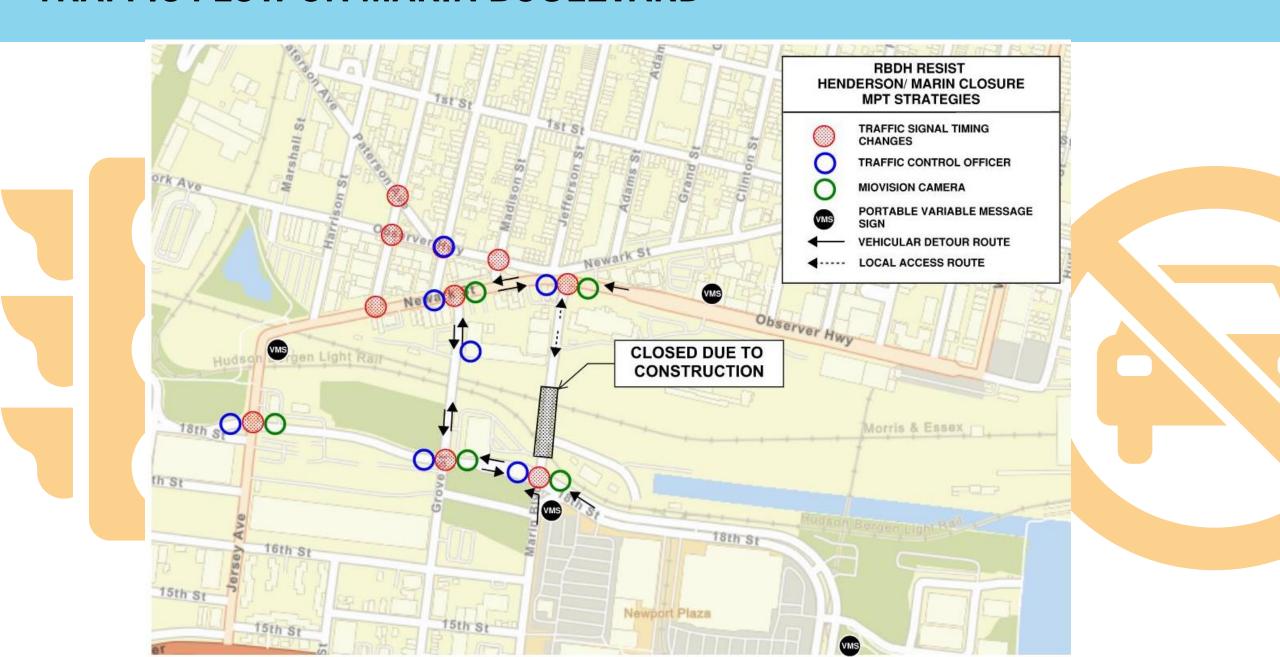
- Multi Shift Construction Crews / Night Work / Weekend Work
   Extended Work Hours Would Generally Consist of:
- Excavation, Utility Work, Form Work, and Rebar Installation
- Portions of Gate Installation
- Restoration of Roadways and Sidewalks

Estimated Potential Time Savings of up to 13 days

Need Approval from Jersey City for Extended Work Hours

Will Communicate Next Steps after this Phase is Complete

## TRAFFIC FLOW ON MARIN BOULEVARD



## TRAFFIC CONTROL

#### 8 Police Officers Directing Traffic as Needed in Hoboken and Jersey City

#### **Up to 6 Portable Variable Message Signs to in Advance of and During the Detour:**

- Westbound Observer Hwy between Henderson St and Willow Ave, Hoboken
- Northbound Jersey Ave north of 18th Street, Jersey City
- Northbound Washington Blvd at Park Ln N, Jersey City
- Eastbound NJ Turnpike Extension approach to Jersey Ave in shoulder
- Northbound Marin Blvd at 12th St
- Northbound Marin Blvd at 18th St

#### **Real-Time Monitoring:**

- Extend the use of previously installed Miovision cameras
- Extend timeframe for use of the Flowlabs platform for data collection and real-time analysis and and expanded to include northern gateway as part of 15th Street closure

## TRAFFIC CONTROL

#### **Traffic Signal Timing Changes at up to 13 Intersections:**

- 18th Street and Jersey Ave/Grove St/Marin Blvd
- Newark St and Jackson St
- Observer Hwy and Harrison St/Jackson St
- Paterson Ave and Harrison St/Jackson St
- Newark St and Grove St/Monroe St
- Observer Hwy and Henderson St/Willow Ave

#### **Temporary Roadway Striping and Signage Changes:**

- Updated signing and striping along 18th Street between Marin Blvd and Grove St to incorporate two westbound lanes and one eastbound lane
- Updated striping at the intersection of Marin Blvd and 18th St, and Grove St and 18th St, to serve detour path
- Implement a shared use bicycle and pedestrian path along Newark St between Grove St and Henderson St via new striping and restored sidewalk
- Implement a 2-way bicycle lane along Grove St between Newark St and 18th St via new striping

## **GROVE ST TEMPORARY SIGNAGE AND STRIPING**



## 18TH ST TEMPORARY SIGNAGE AND STRIPING



## **NEWARK ST TEMPORARY SIGNAGE AND STRIPING**



## **OBSERVER HWY TEMPORARY SIGNAGE AND STRIPING**



## MARIN BOULEVARD RECAP

Tentative closure the week of July 21st

4-Month Full Closure of Marin Boulevard

NJ Transit / Long Slip Vehicles Will Have Continued Access

Next Phase is Gate Installation and Testing — will Require Another Closure (currently anticipated Summer 2026)

RBDH will Regroup with the City and Public with Gate Installation Schedule



## REBUILD BY DESIGN COMMUNITY MEETING

#### Visit our website:

https://dep.nj.gov/floodresilience/rebuild-by-design-hudson-river/

#### **How to stay informed:**

- City of Hoboken construction updates: <a href="https://www.hobokennj.gov/hoboken-construction-updates">https://www.hobokennj.gov/hoboken-construction-updates</a>
- Sign up for RBDH weekly community construction
   advisories <a href="https://public.govdelivery.com/accounts/NJDEP/subscriber/new?topic\_id=NJDEP\_299">https://public.govdelivery.com/accounts/NJDEP/subscriber/new?topic\_id=NJDEP\_299</a>

Questions? please contact your Community Construction Liaison (CCL):

Isabella Brascetta | 1-800-252-0219 | rbdhinquiries@portal3.pbid.com

#### **Hoboken Contact:**

 Caleb Stratton, Business Administrator/ Chief Resilience Officer, <u>CStratton@hobokennj.gov</u>

# NJDEP website QR Code



## Advisories QR Code



## REBUILD BY DESIGN COMMUNITY MEETING

## Change your settings/Communicate with the host

To communicate with the meeting host select the "Q&A" function

Questions will be answered at the end of the presentation

Check or change your audio settings:

Click the upwards arrow to change your speaker

