

## **BK Bridge - Montgomery Coastal Resilience**

INTERCEPTOR GATE BUILDING:  
ROBERT F. WAGNER SR. PLACE TRAFFIC MODIFICATION  
*Community Board 3 – Transportation Committee Meeting*

***December 8, 2020***

# AGENDA

- 1. PROJECT OVERVIEW**
- 2. EXISTING CONDITIONS**
- 3. PROPOSED CONDITIONS**



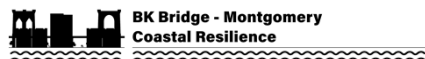
- 1. PROJECT OVERVIEW**
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# PROJECT OVERVIEW: LOWER MANHATTAN COASTAL RESILIENCY

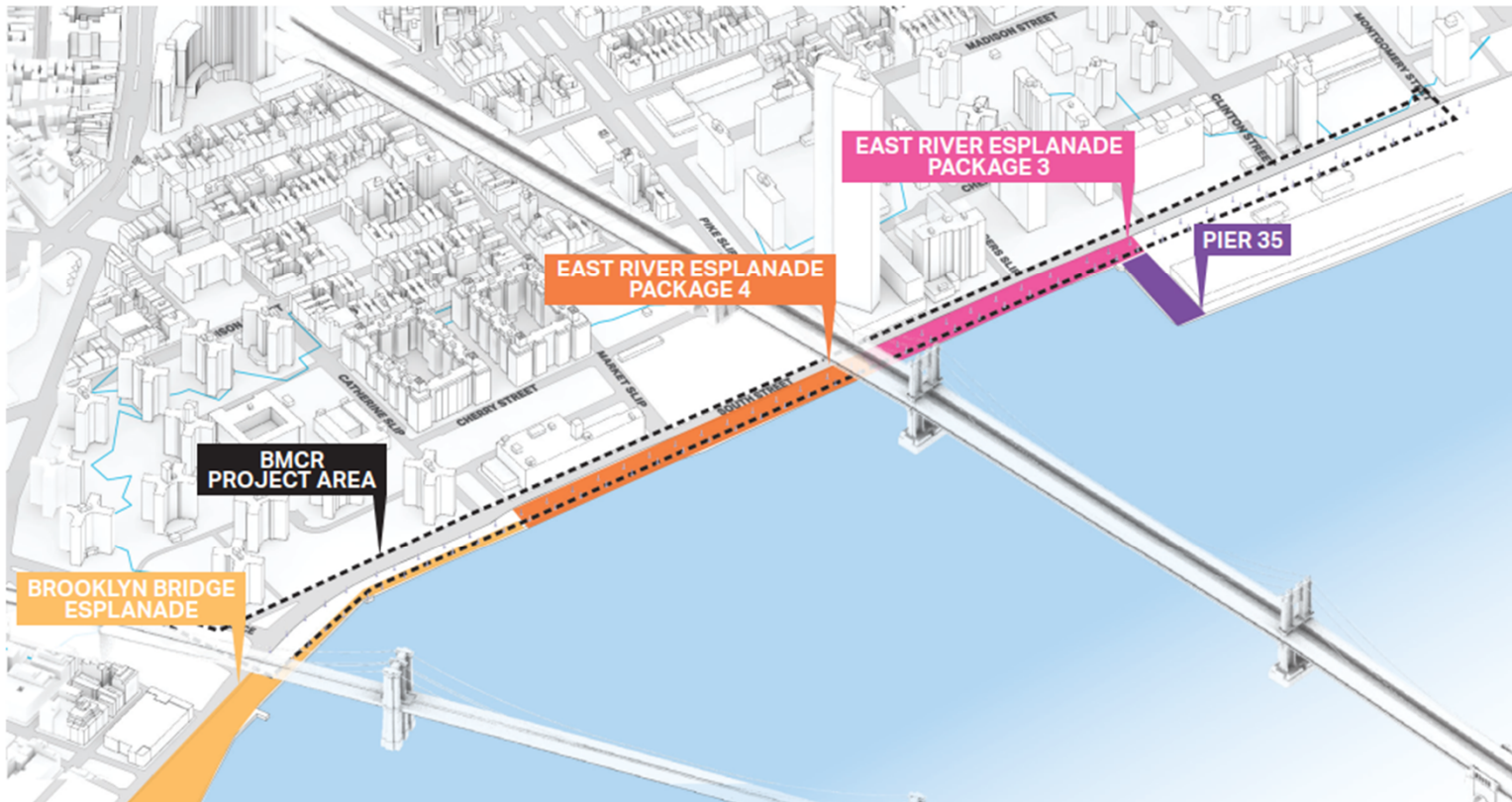


**New York City is implementing \$500M in on-land capital projects and advancing a Master Plan for FiDi-Seaport**

Capital projects to protect 70% of the shoreline of Lower Manhattan and Master Plan for remaining 30%



# PROJECT OVERVIEW: ADJACENT PROJECTS

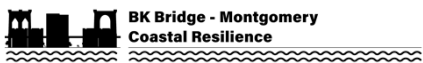


## TIMELINES

- PIER 35**  
2019 Completed
  
- EAST RIVER ESPLANADE - PACKAGE 3**  
2014 Completed
  
- EAST RIVER ESPLANADE - PACKAGE 4**  
Under Construction, Completion 2020
  
- BROOKLYN BRIDGE ESPLANADE (BBE)**  
October 2019 - 100% Construction Documents  
Currently - Paused in Construction Procurement
  
- BROOKLYN BRIDGE-MONTGOMERY COASTAL RESILIENCE**  
November 2019 - Schematic Design Complete  
May 2021 - 100% Construction Documents  
June 2021 - Bidding  
January 2022 - Construction Starts  
July 2022 - Federal Spending Deadline

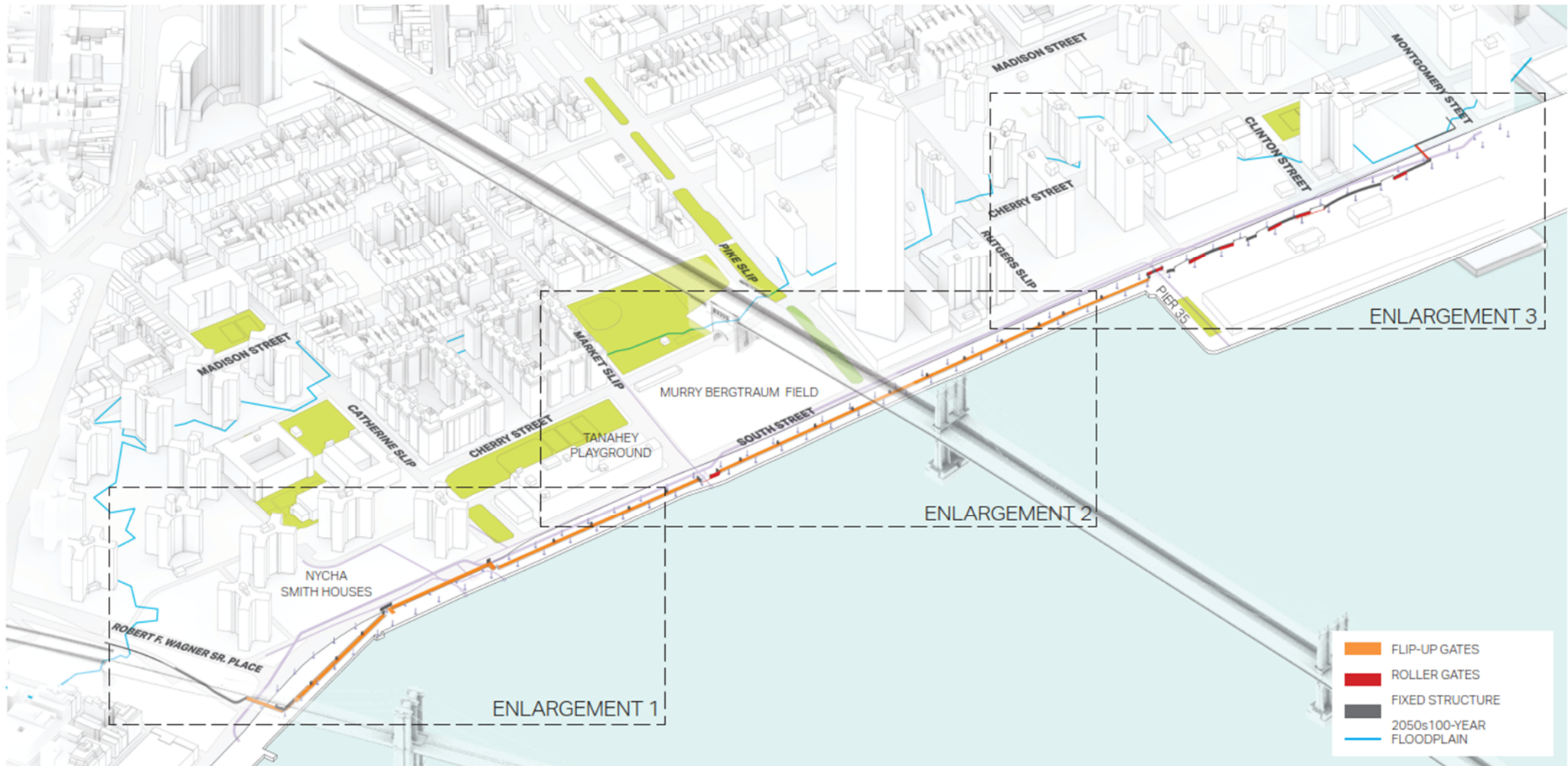


# PROJECT OVERVIEW: BMCR PROJECT LOCATION

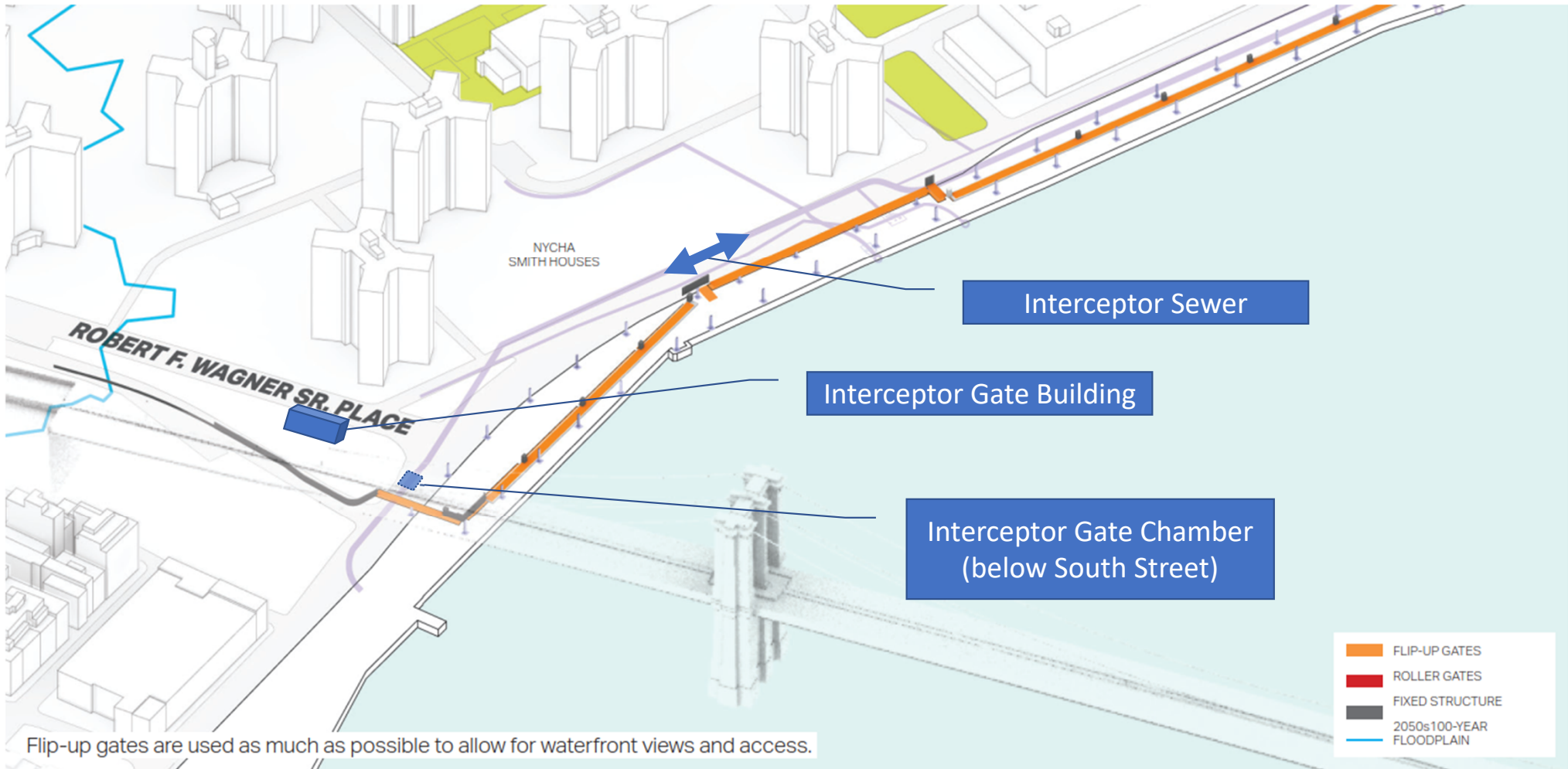




# PROJECT OVERVIEW: BMCR ALIGNMENT

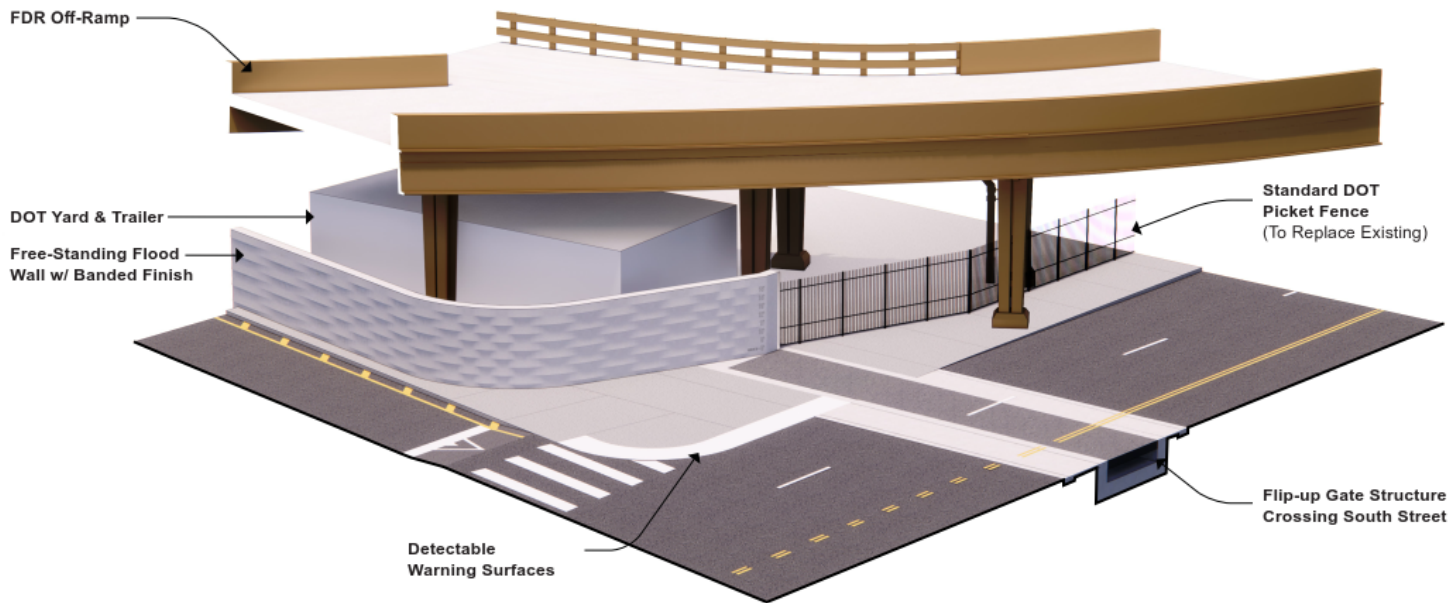


# PROJECT OVERVIEW: INTERCEPTOR GATE AND BUILDING AREA



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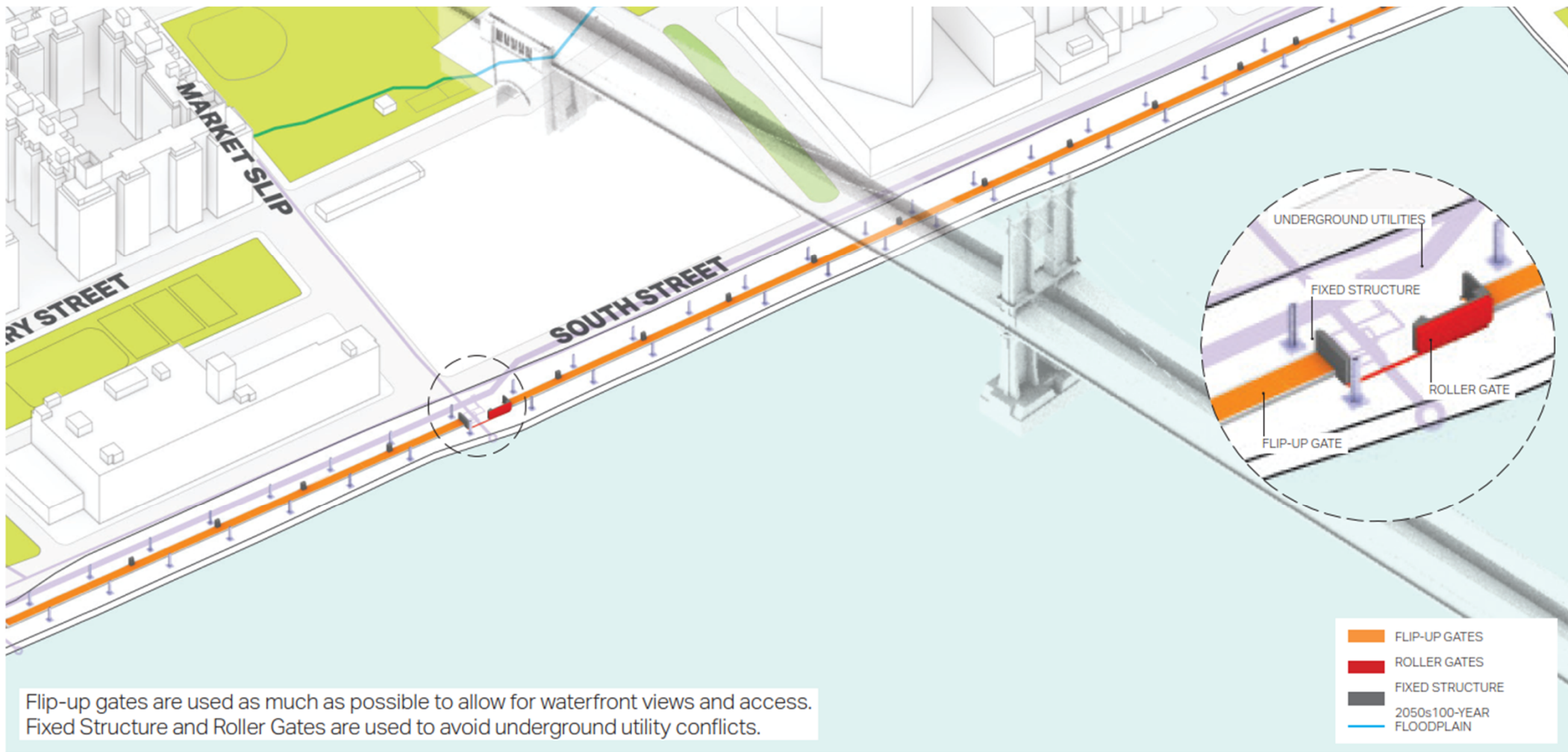
South Street Crossing - Upland Side



KEY 

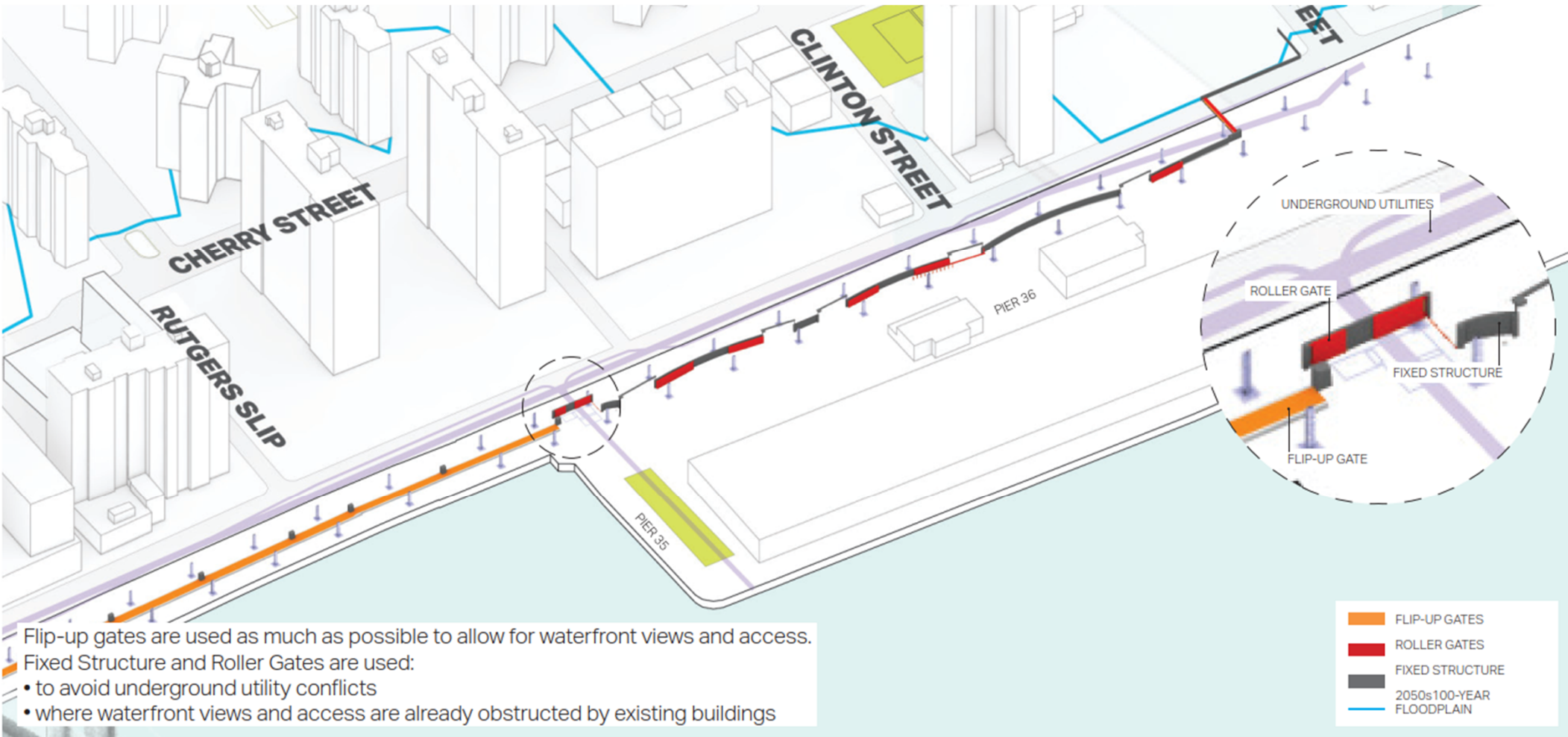


# PROJECT OVERVIEW: TYPICAL FLIP-UP AREA





# PROJECT OVERVIEW: PIER 35/36 AREA





# PROJECT OVERVIEW: TYPICAL CONDITIONS





# PROJECT OVERVIEW: DESIGN STORM CONDITIONS



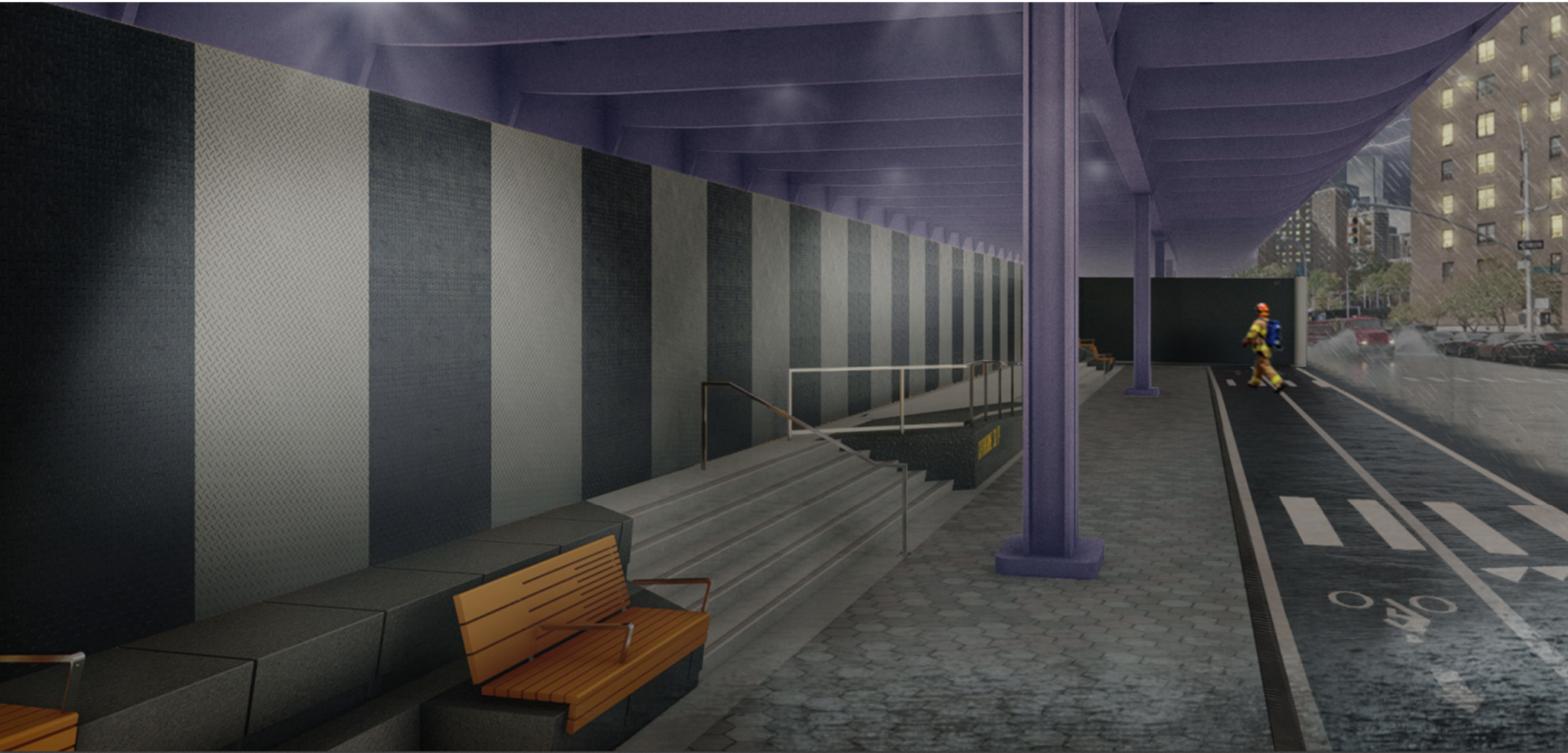


# PROJECT OVERVIEW: TYPICAL CONDITIONS





# PROJECT OVERVIEW: DESIGN STORM CONDITIONS



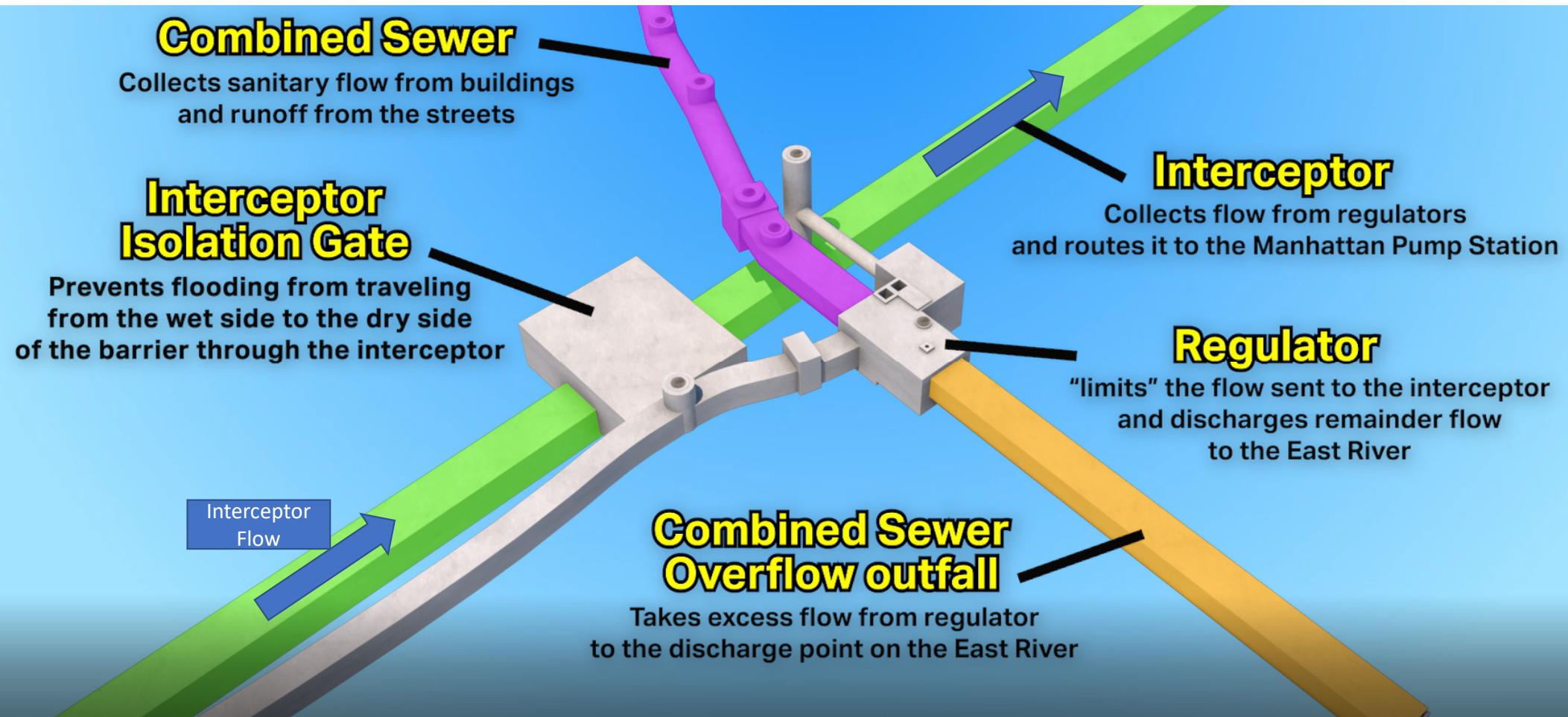
# PROJECT OVERVIEW: INTERCEPTOR SEWER AND GATE

**Existing combined Sewers,  
Regulators and Interceptor**

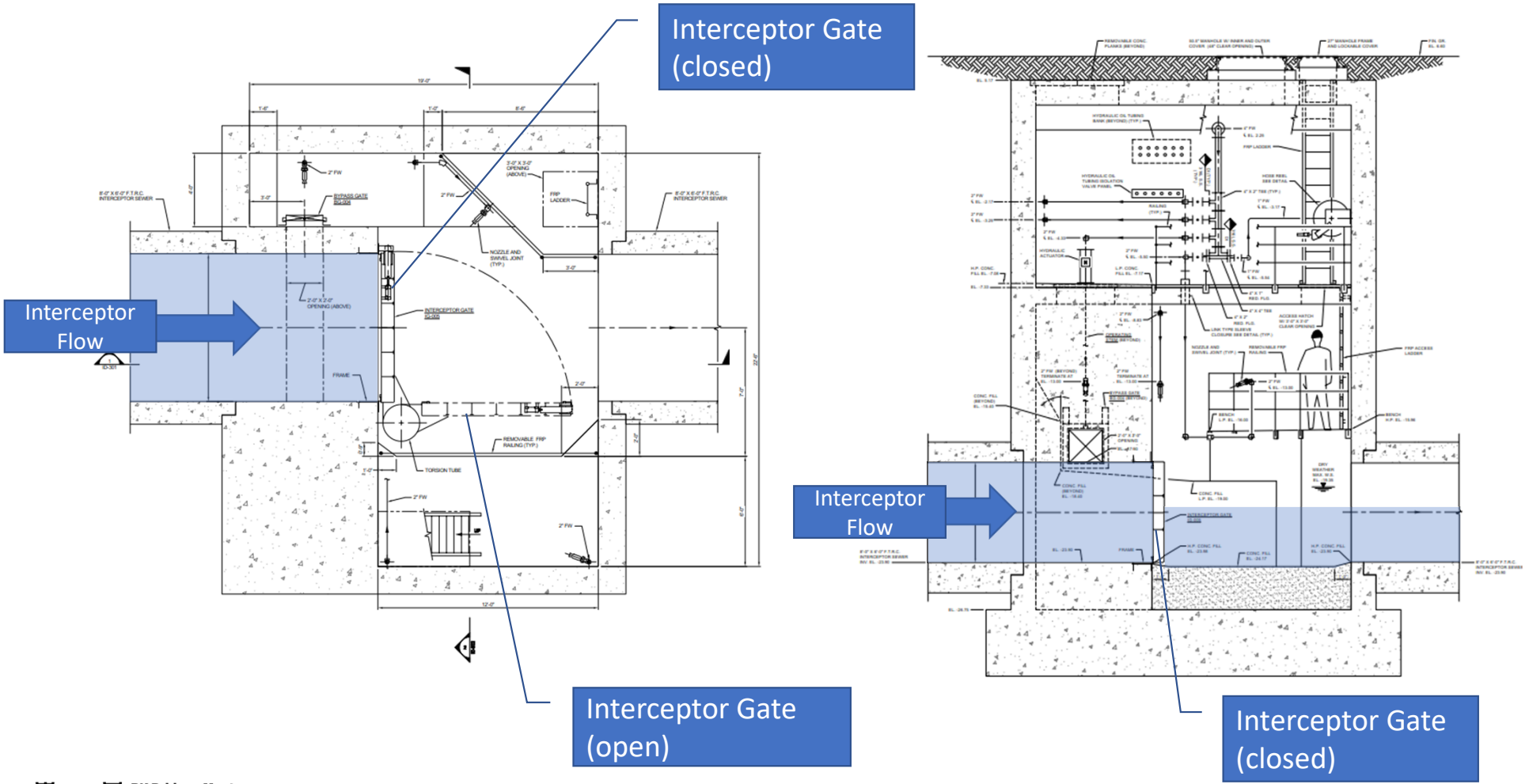




# PROJECT OVERVIEW: INTERCEPTOR SEWER AND GATE



# PROJECT OVERVIEW: INTERCEPTOR SEWER AND GATE





1. PROJECT OVERVIEW
- 2. EXISTING CONDITIONS**
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# EXISTING CONDITIONS



# EXISTING CONDITIONS



1. AERIAL VIEW FROM SOUTHEAST



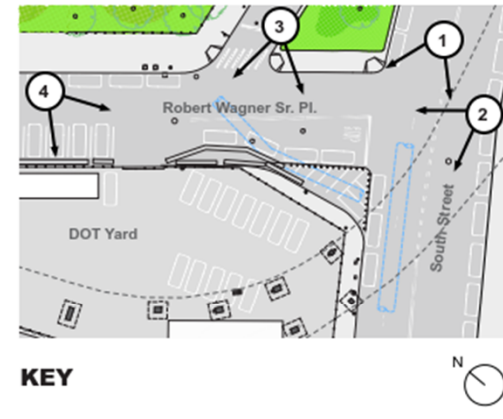
2. VIEW LOOKING NORTH FROM SOUTH STREET



3. VIEW LOOKING WEST FROM SLIP STREET



4. VIEW LOOKING SOUTH FROM WAGNER PL.

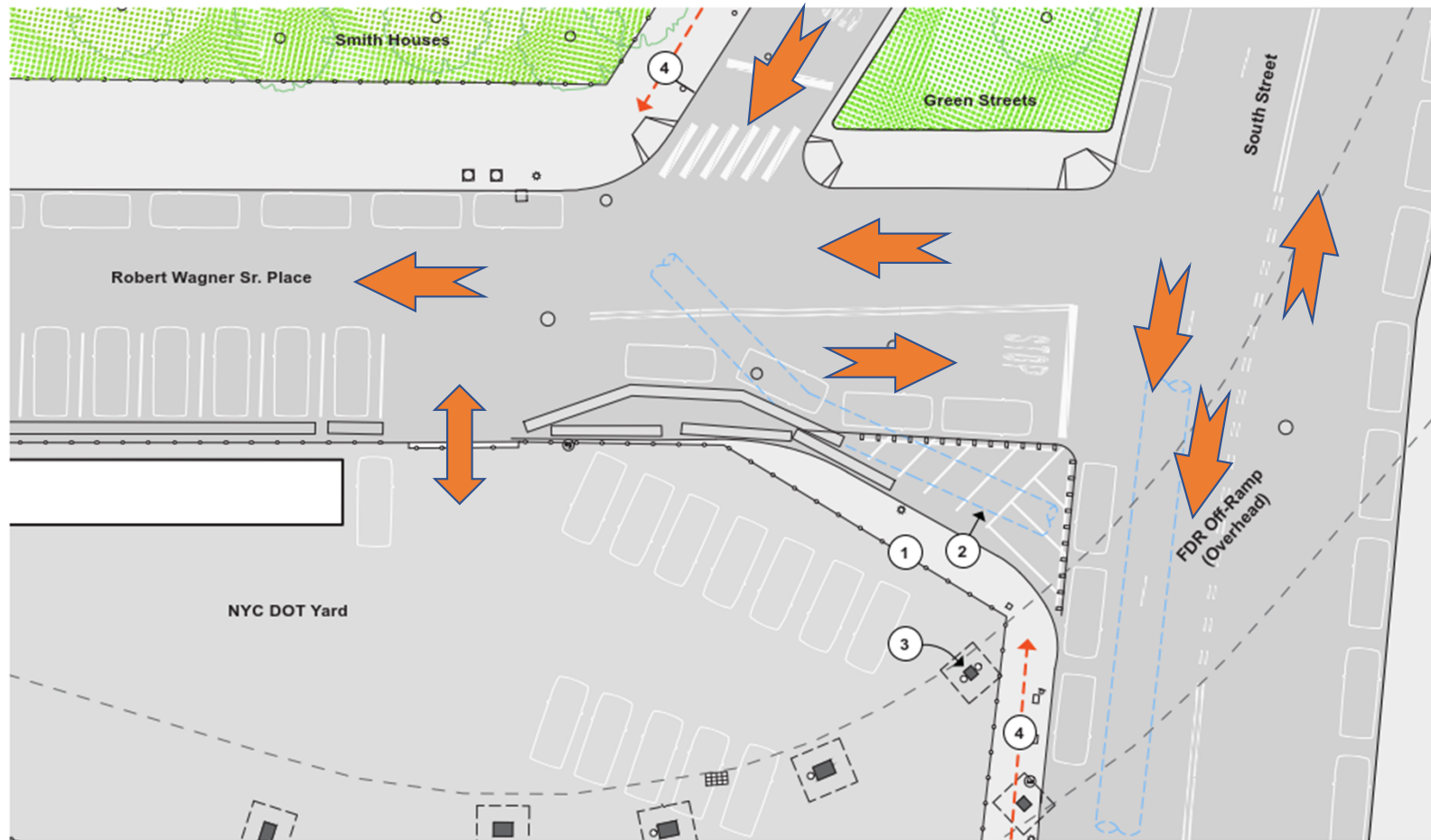


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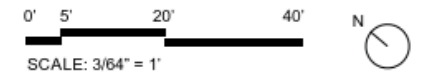


# EXISTING CONDITIONS



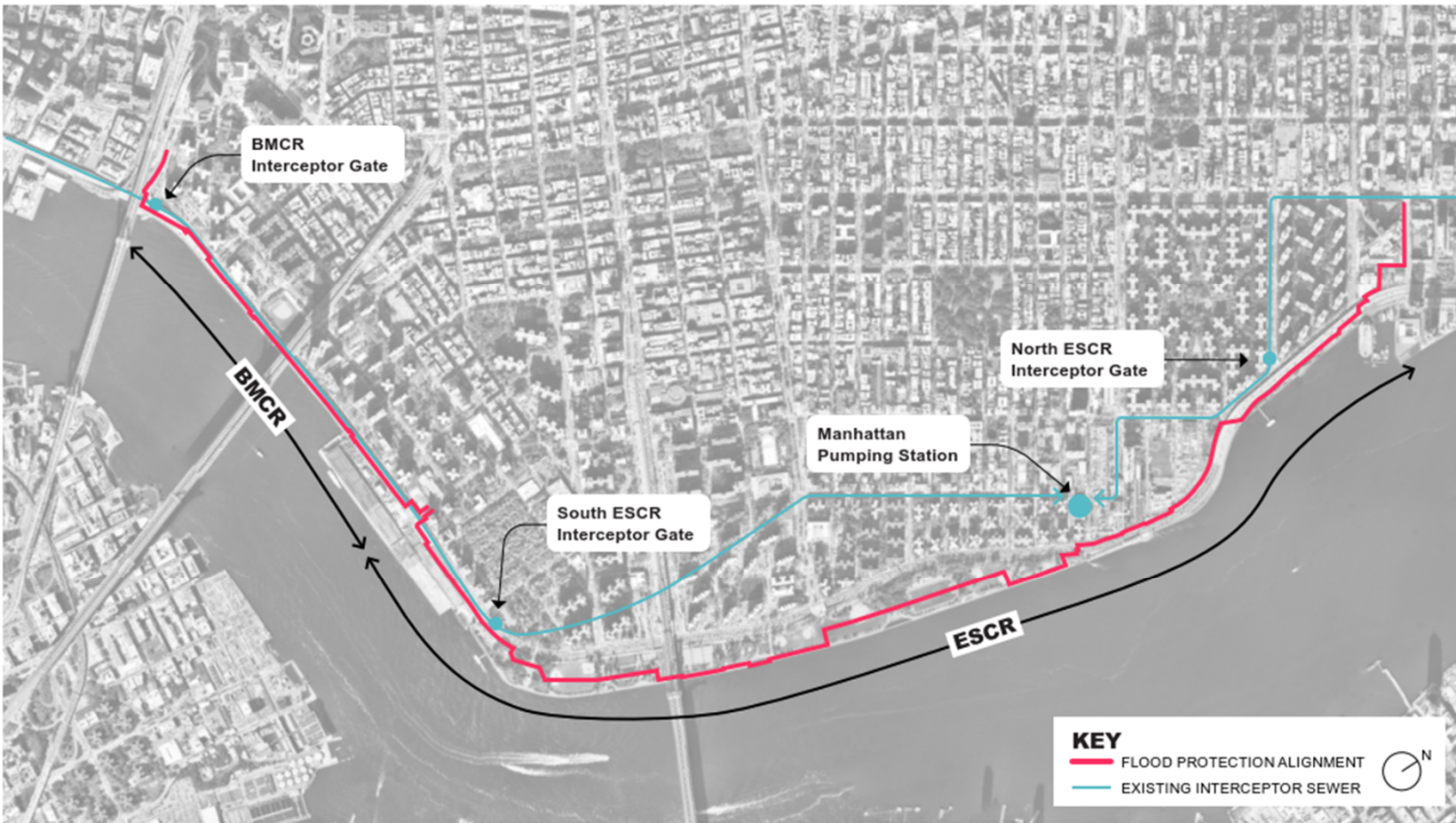
## SITE CONSTRAINTS & OPPORTUNITIES

1. Minimize impact on existing DOT Yard
2. Provide req'd offset from existing below grade combined sewer
3. Provide adequate clearance from the existing FDR columns and foundations
4. Improve pedestrian connection along South Street's north sidewalk; existing street pattern creates rift with no clear pedestrian connection, encouraging jay walking
5. Eliminate LHT conflicts from South St. slip onto RFW
6. Address congestion due to illegal parking along RFW SB
7. Very low vehicle traffic on RFW SB



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# PROPOSED CONDITIONS



**BMCR / ESCR COMBINED INTERCEPTOR STRATEGY**



**BMCR IGB**

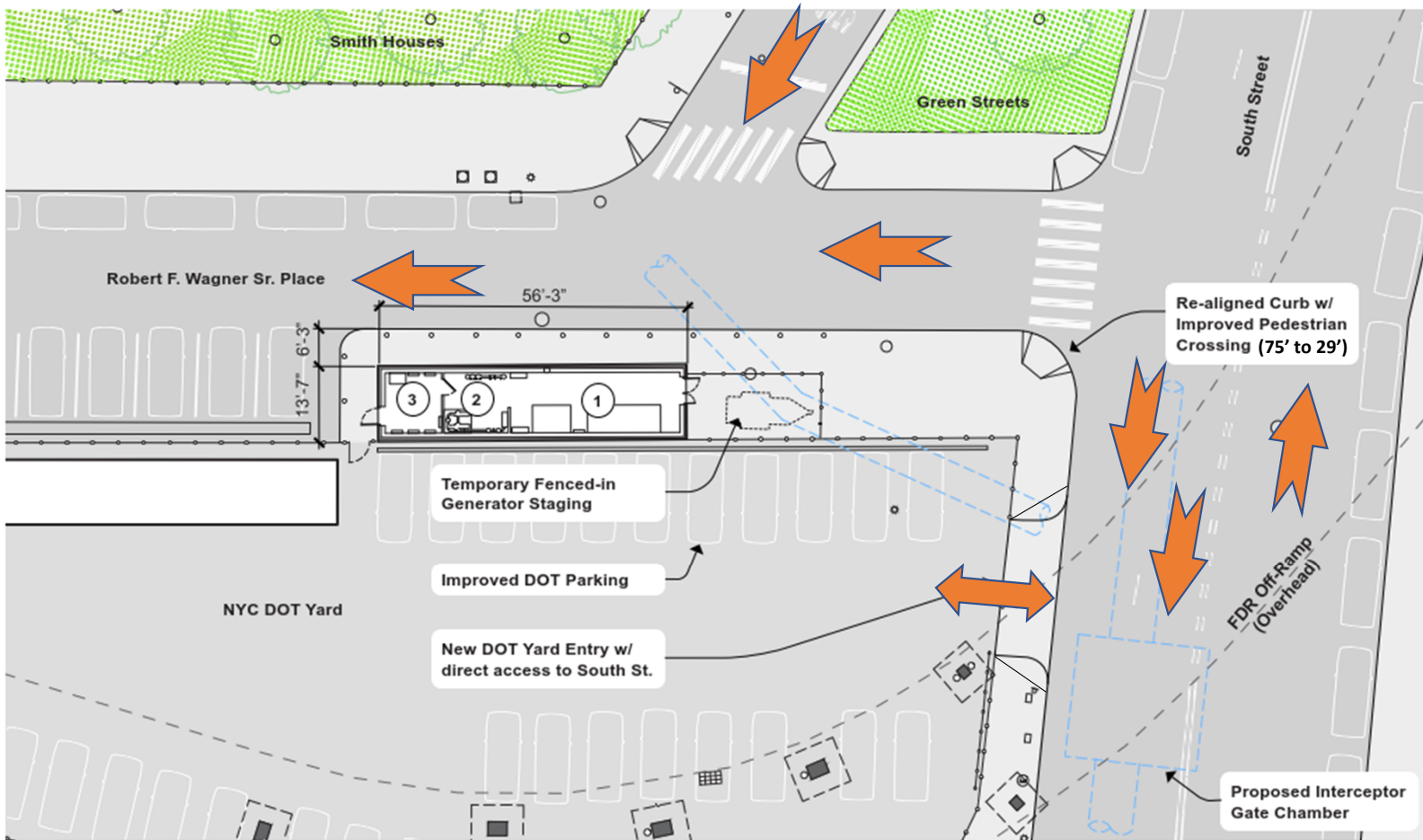


**SOUTH ESCR IGB**



**NORTH ESCR IGB**

# PROPOSED CONDITIONS



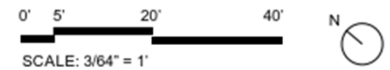
## SITE IMPROVEMENTS

1. Shorter crosswalk on RFW
2. Permanent build out of sidewalk
3. Reduced turning conflicts
4. Reduced congestion from illegal parking
5. Direct access to South St. for DOT vehicles
6. Approved by NYCDOT
7. Coordinating with NYPD and FDNY

## KEY:

1. Hydraulic Area
2. Pump Area
3. Electrical Room

Note: Final confirmation of site plan pending full traffic analysis of conversion of southern portion of Robert F. Wagner Sr. Pl from two-way to one-way traffic.





# PROPOSED CONDITIONS

