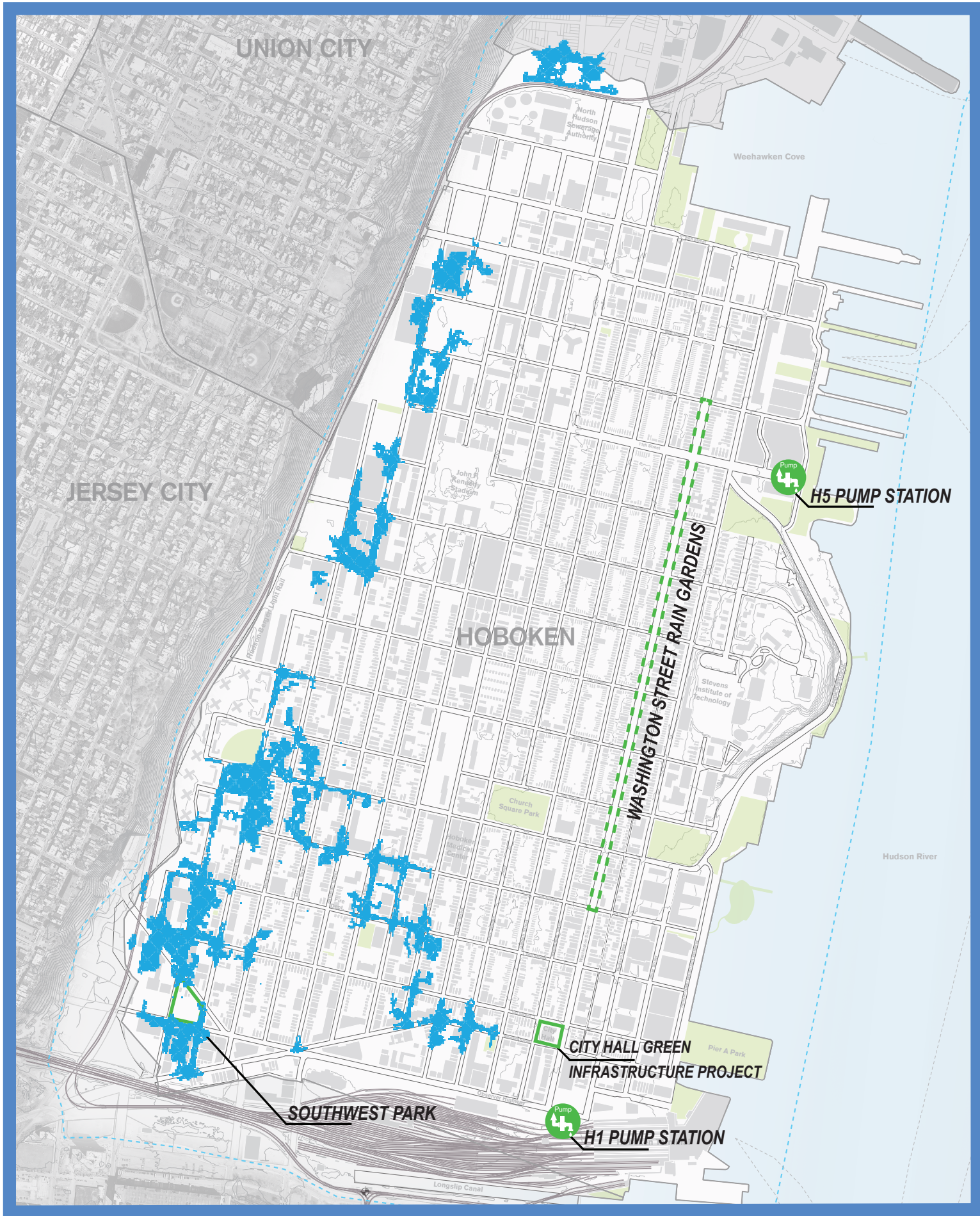


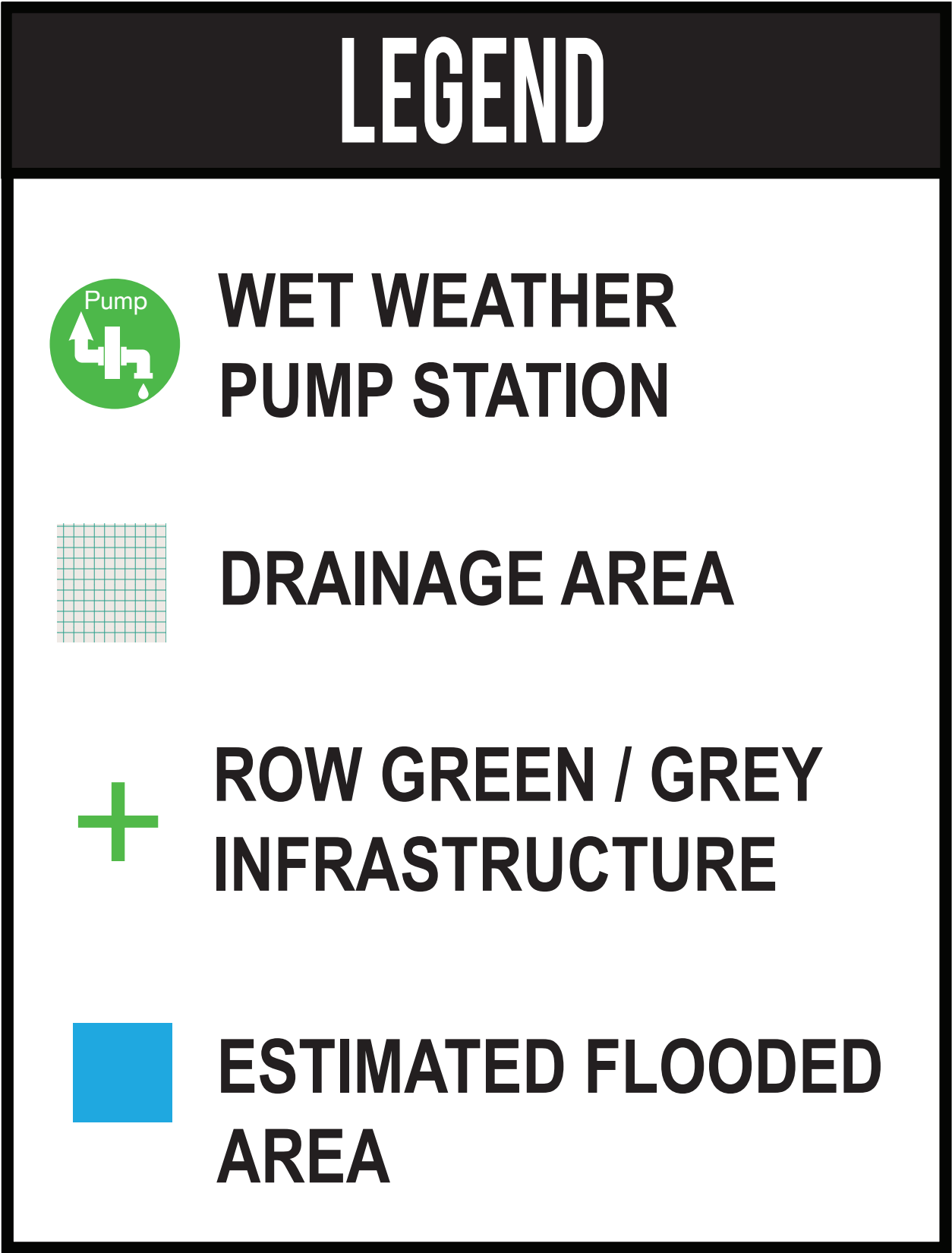
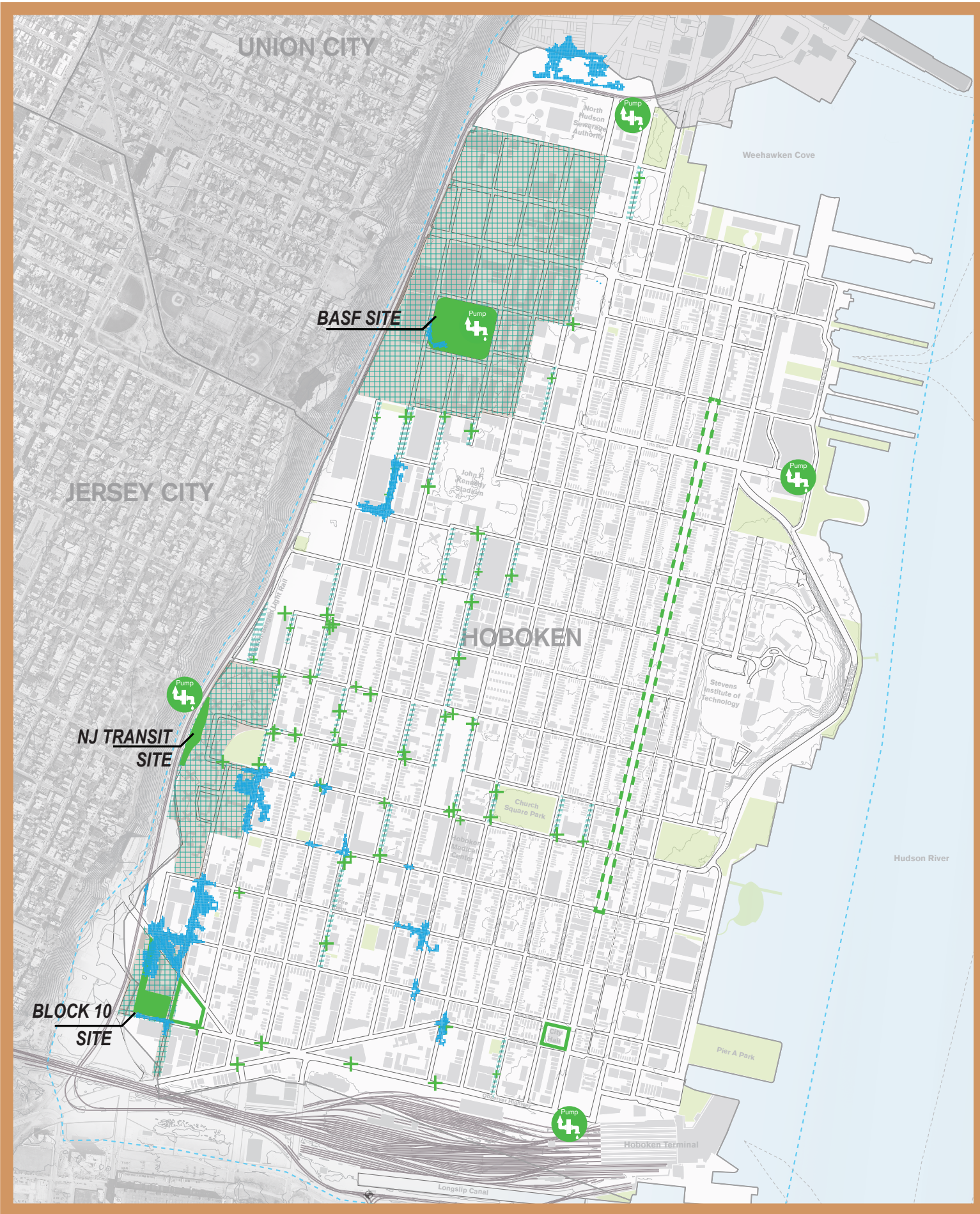
# STORMWATER MODELING RESULTS – HIGHTIDE

## 5-YEAR (20% ANNUAL CHANCE) ESTIMATED FLOODING

NO-ACTION ALTERNATIVE (BASELINE)



PROPOSED DSD\* ALTERNATIVE



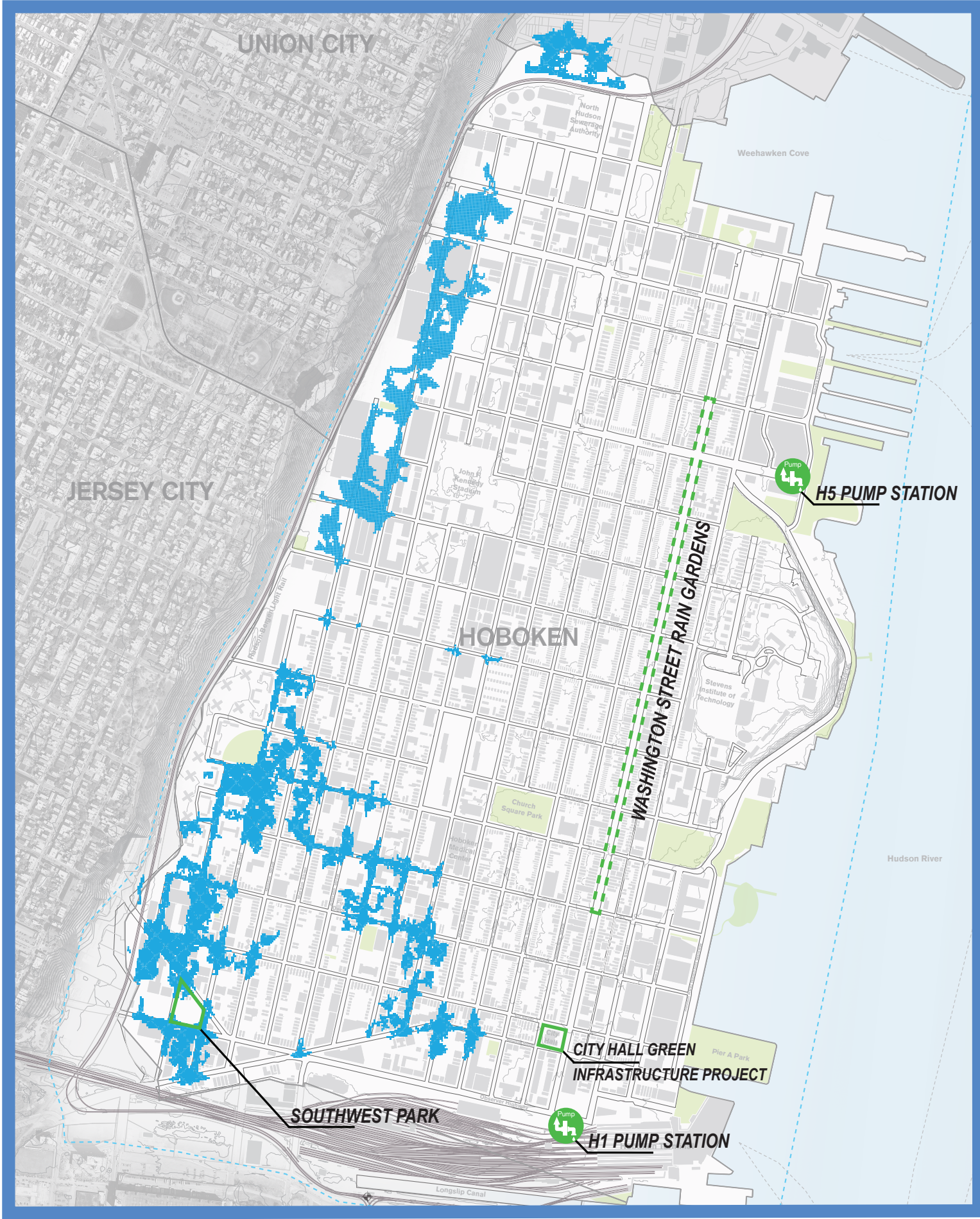
\*DSD (DELAY/STORE/DISCHARGE) ARE COMPONENTS OF PROPOSED STORMWATER MANAGEMENT

ESTIMATED REDUCTION IN FLOODED AREA

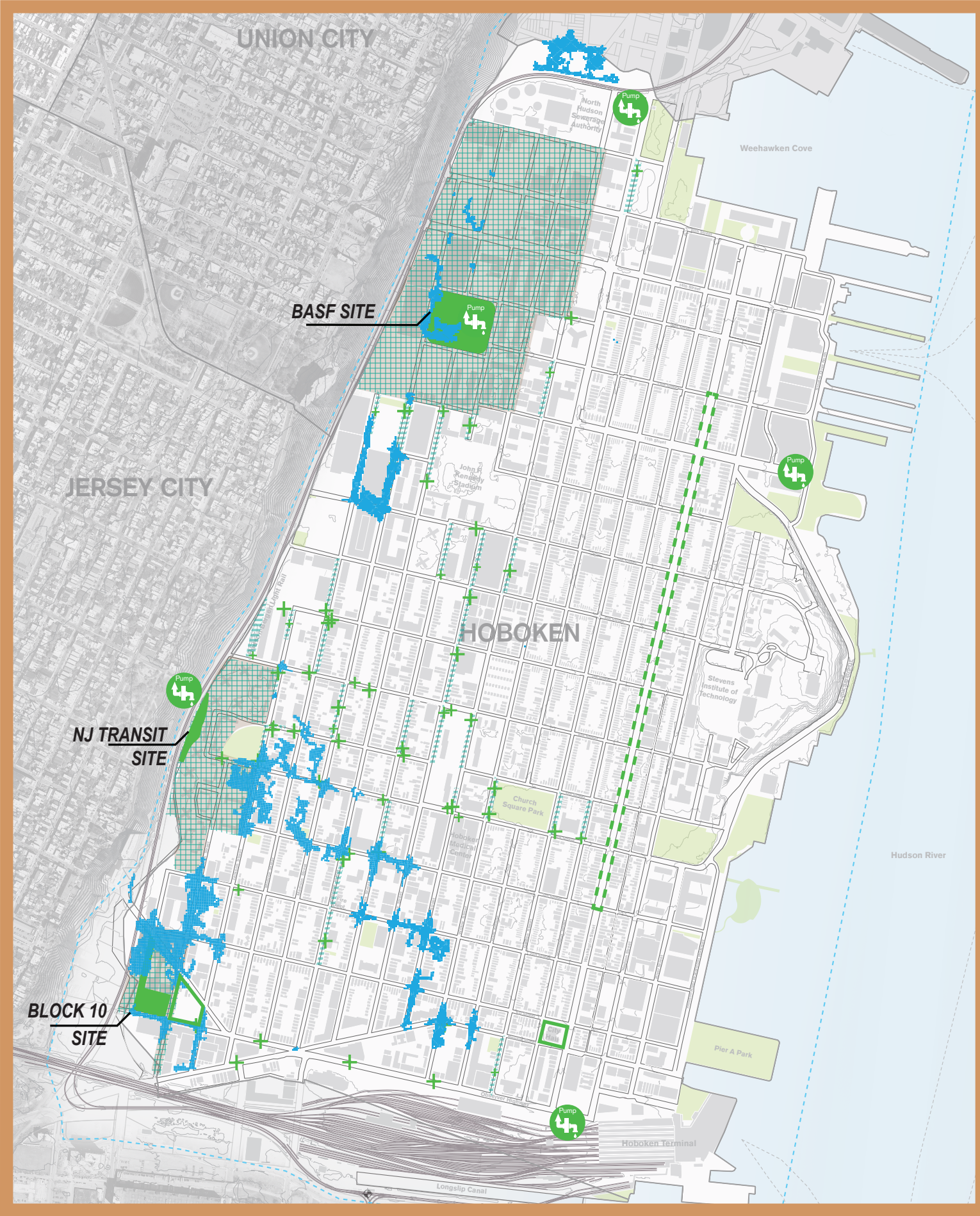
RETURN PERIOD	PERCENT REDUCTION (NAA TO PROPOSED)
5 YR	73%
10 YR	56%
25 YR	49%
50 YR	43%
100 YR	37%

## 10-YEAR (10% ANNUAL CHANCE) ESTIMATED FLOODING

NO-ACTION ALTERNATIVE (BASELINE)

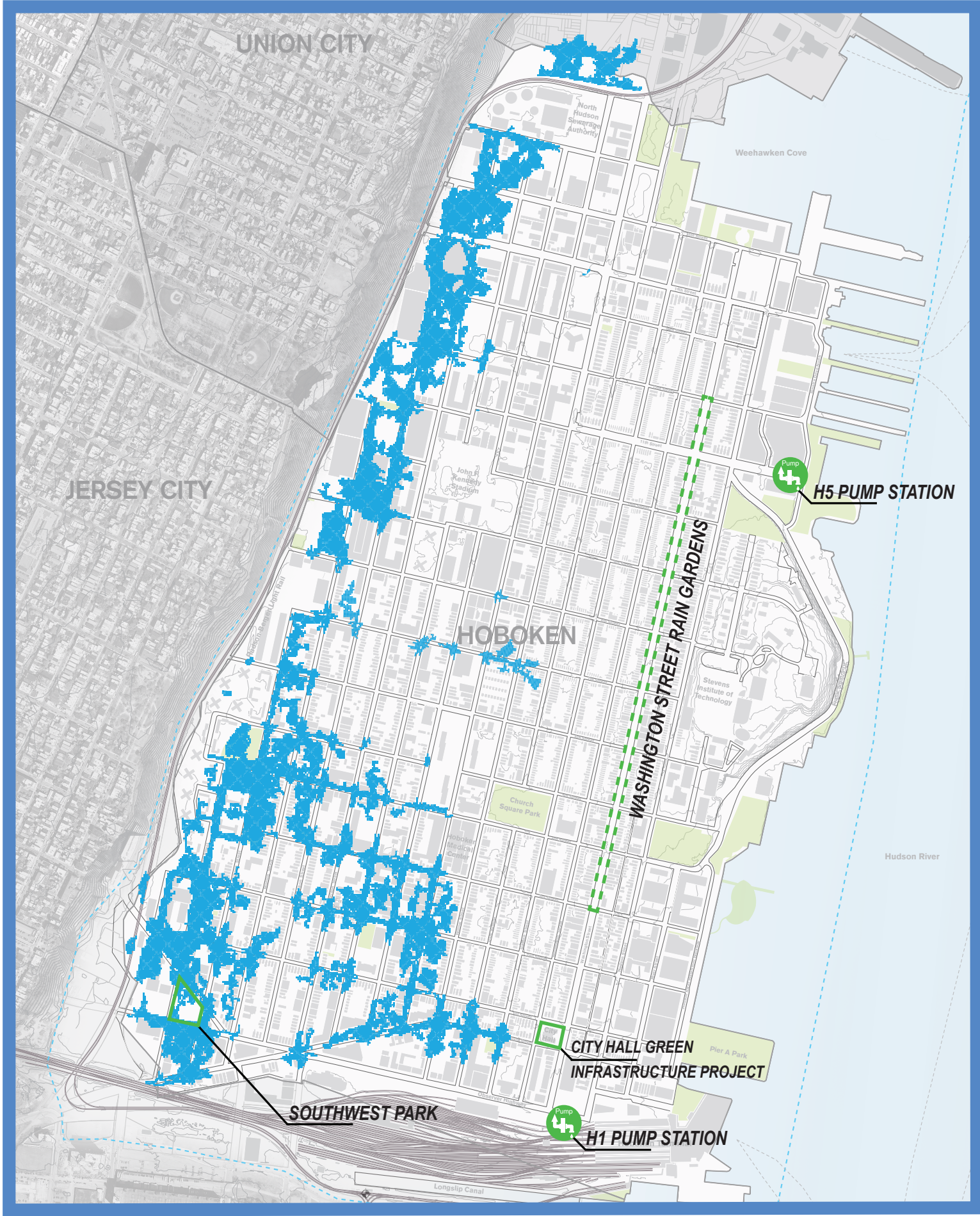


PROPOSED DSD\* ALTERNATIVE



## 25-YEAR (4% ANNUAL CHANCE) ESTIMATED FLOODING

NO-ACTION ALTERNATIVE (BASELINE)

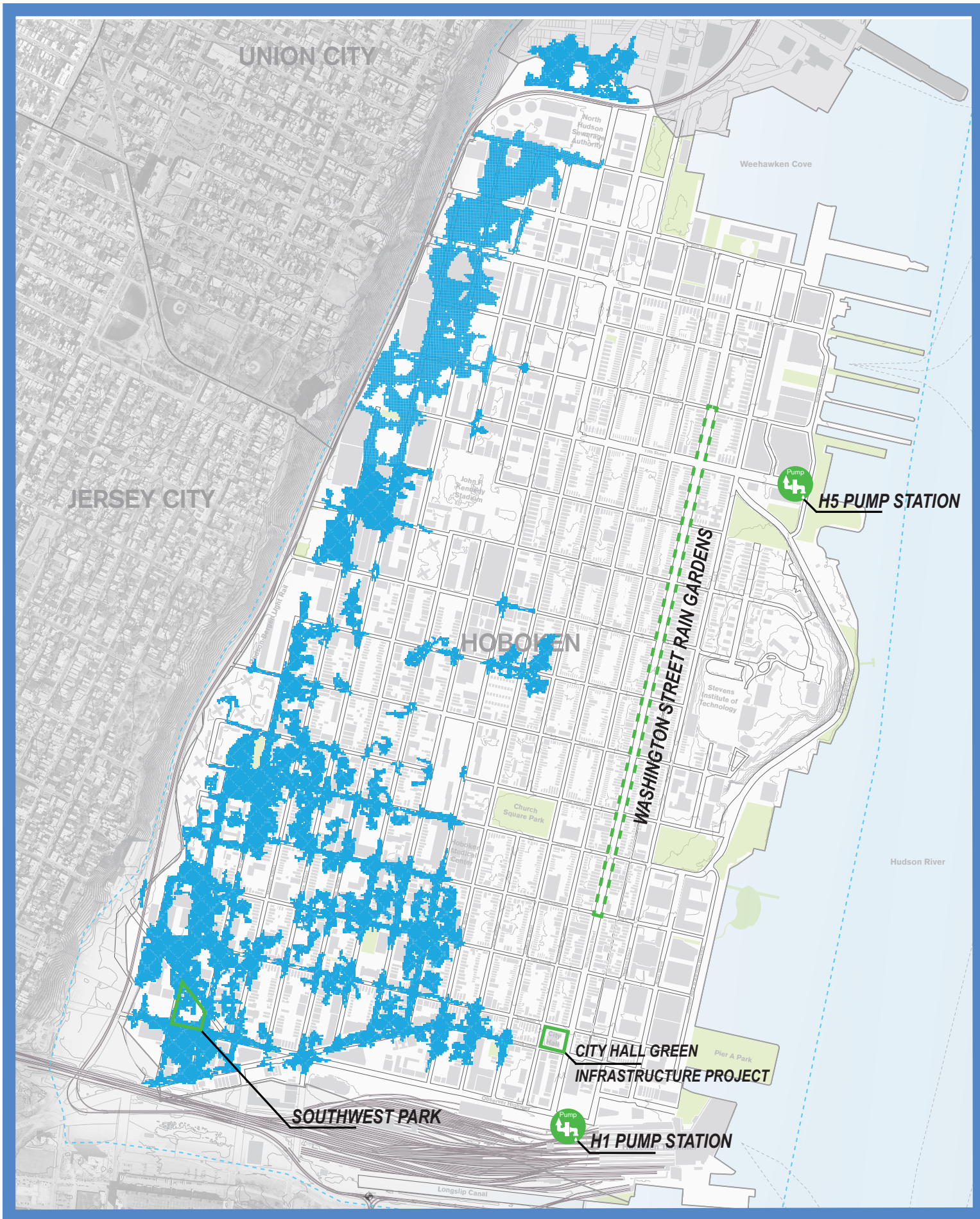


PROPOSED DSD\* ALTERNATIVE



## 50-YEAR (2% ANNUAL CHANCE) ESTIMATED FLOODING

NO-ACTION ALTERNATIVE (BASELINE)

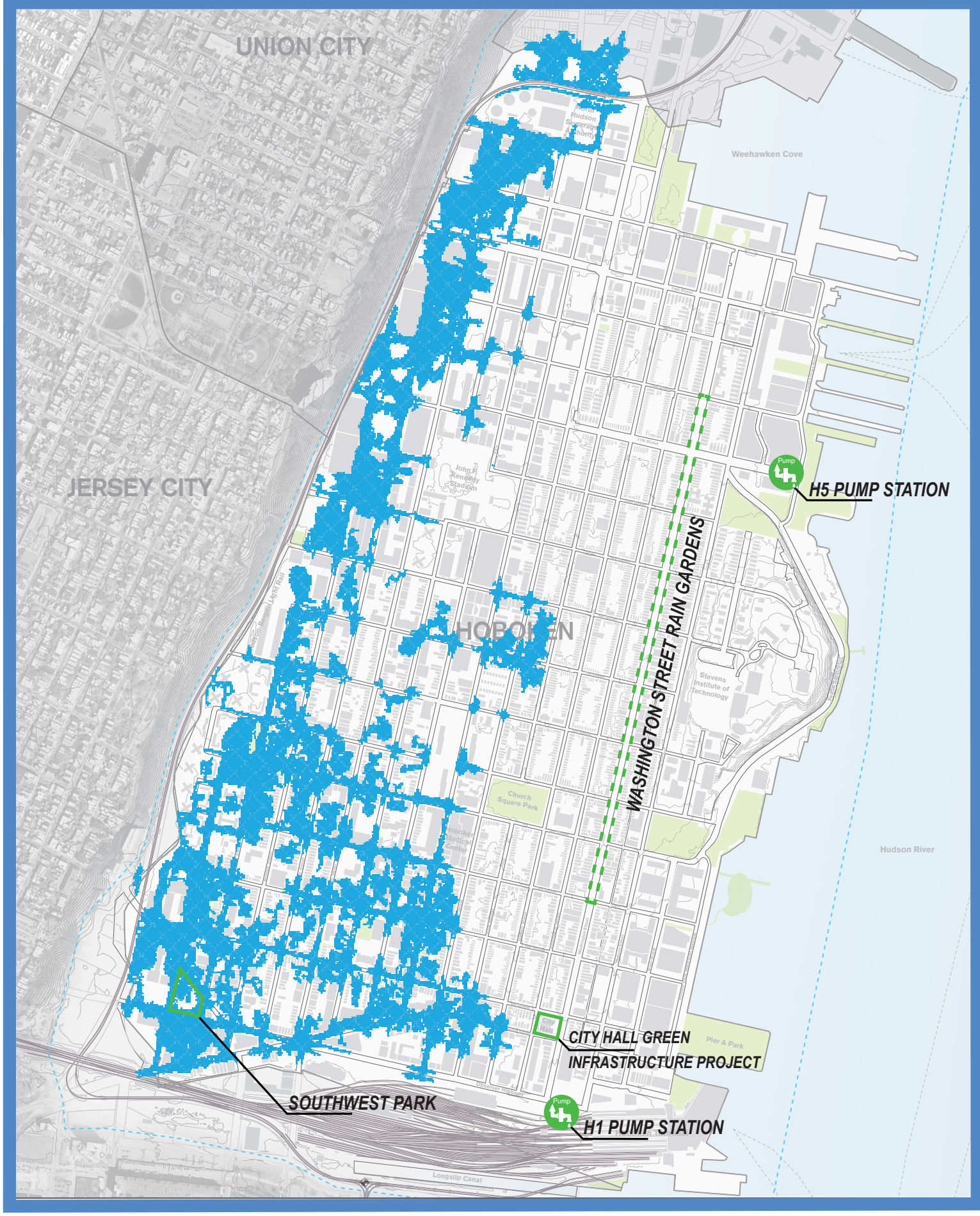


PROPOSED DSD\* ALTERNATIVE

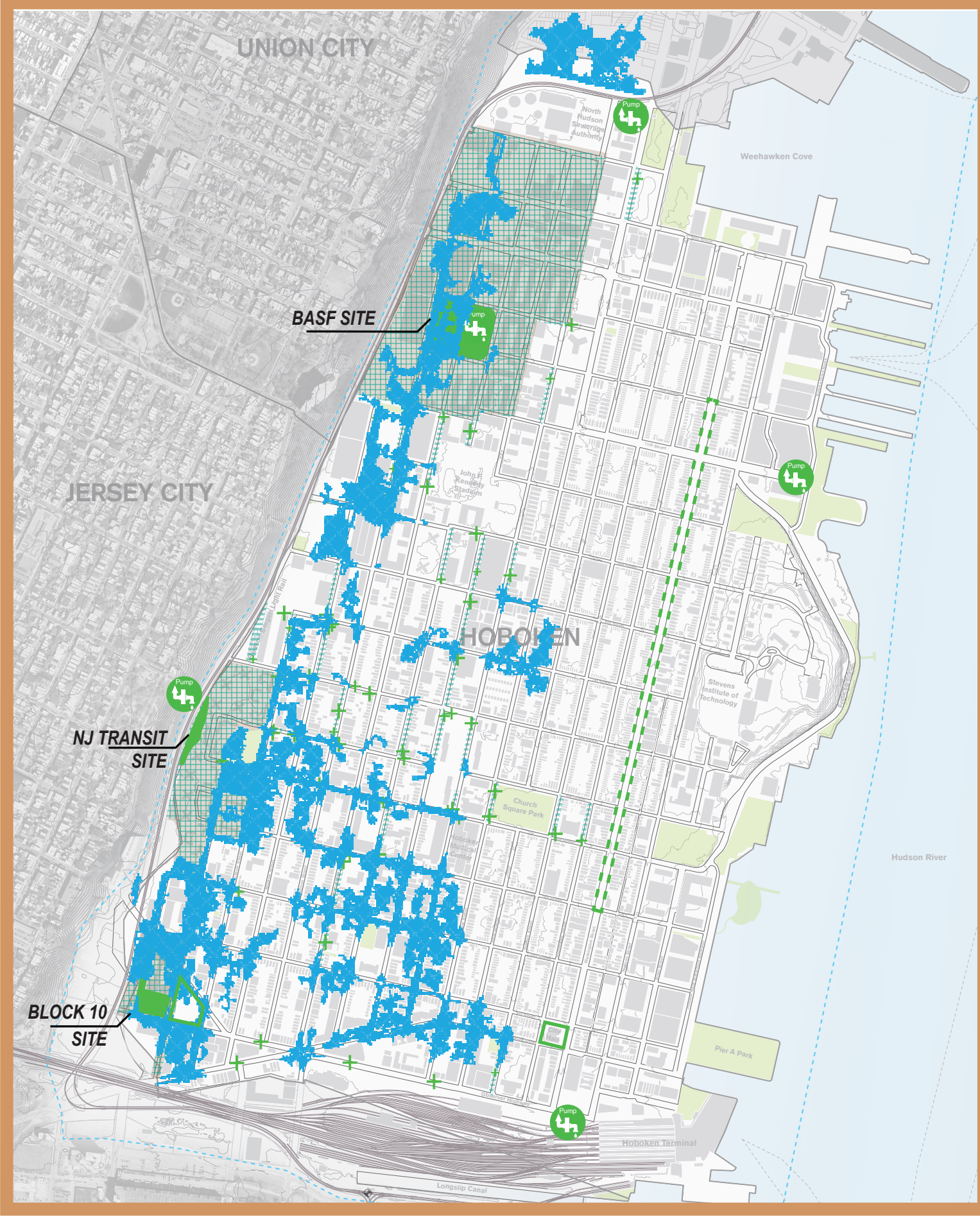


## 100-YEAR (1% ANNUAL CHANCE) ESTIMATED FLOODING

NO-ACTION ALTERNATIVE (BASELINE)



PROPOSED DSD\* ALTERNATIVE



REBUILD BY DESIGN HUDSON RIVER ■ RESIST ■ DELAY ■ STORE ■ DISCHARGE ■



**Dewberry**

STATE OF NEW JERSEY  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

