

USACE ak Boston Etid sou Jesyon Ris Tanpèt Kotyè

Dènve nouvell sou Dorchester
17 jen 2025



City of Boston
Climate Resilience

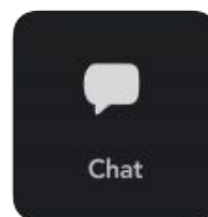
KONSÈY POU ITILIZE ZOOM – ANREJISTRE REYINYON

Jan manm kominote yo mande sa, y ap anrejistre evènman sa a epi y ap pibliye l sou sitwèb pwojè pou moun ki pa t ka vini nan evènman Zoom an dirèk la:

<https://www.boston.gov/departments/climate-resilience/climate-ready-boston-and-army-corps-partnership>

Si w pa ta renmen yo anrejistre w pandan reyinyon an, tanpri fèmen mikwo w ak kamera w.

Si w fèmen kamera w ak mikwo w, ou kapab toujou patisipe, w ap itilize fonksyon chat la pou voye mesaj tèks.



USACE ak Boston Etid sou Jesyon Ris Tanpèt Kotyè

Dènye nouvell sou Dorchester
17 jen 2025



City of Boston
Climate Resilience

Objektif

- *yon entwodiksyon sou ekip Vil la ak ekip Federal la*
- *kontèks sou "Climate Ready Boston" nan Dorchester*
- *rapò sou etap ak pwogrè etid USACE*
- *yon opòtinite pou poze kesyon*
- *kijan pou bay fidbak epi pwochen etap yo*



BOSTON PARE POU KLIMA A (CLIMATE READY BOSTON)



Nan lane 2016, vil Boston te pibliye rapò *Climate Ready Boston*, ki te gen ladan l yon evalyasyon konplè sou evalyasyon ris aktyèl ak ris yo prevwa ki konekte ak youn nan twa danje klimatik yo anba senaryo emisyon gaz efèsè ki ba, mwayen ak wo.

**EXTREME
TEMPERATURES**



**HEAT WAVES &
DROUGHTS**

**EXTREME
PRECIPITATION**



**STORMWATER
FLOODING**

SEA LEVEL RISE



**COASTAL & RIVERINE
FLOODING**

**COASTAL
STORMS**



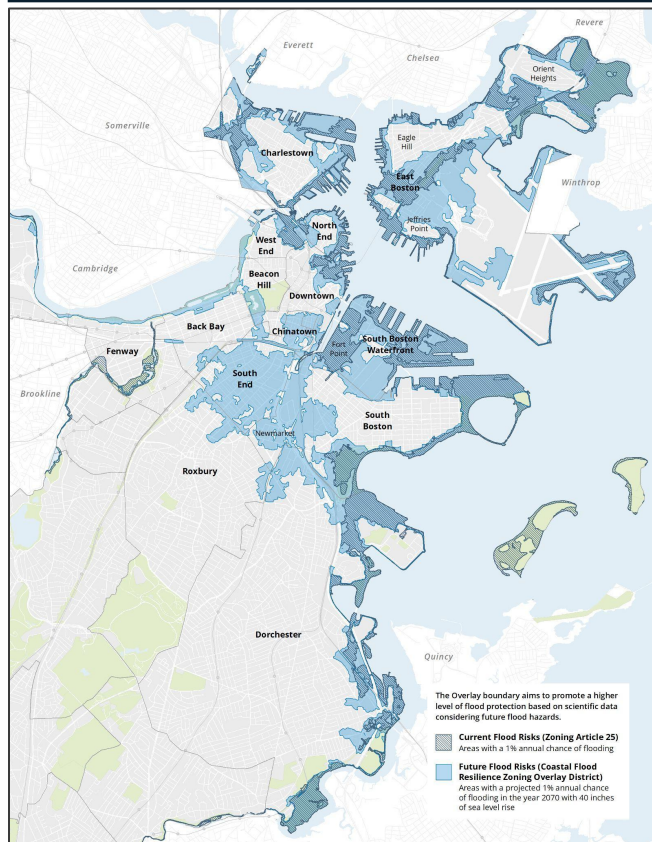
VIZYON POU YON PO KI REZISTAN



RESILIENT BOSTON HARBOR



PLAN REZISTANS KOTYÈ POU KATYE YO



 Tanpèt ak 1% chans chak ane ak 9 pou SLR (nivo lanmè k ap ogmante) (lane 2030 yo)

 Tanpèt ak 1% chans chak ane ak 40 pou SLR (lane 2070 yo)

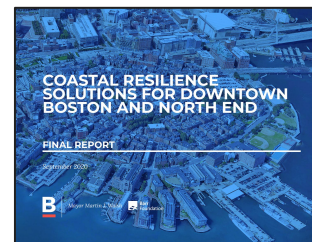
Ant lane 2017 ak 2022, vil la te devlope plan rezistans kotyè onivo katye yo pou tout 47 mil litoral Boston yo.



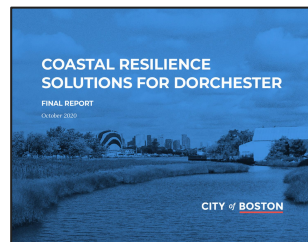
**Faz 1 - East Boston
ak Dorchester
(2017)**



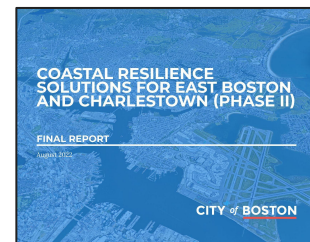
**South Boston
(2018)**



**North End ak
sant vil Boston
(2020)**

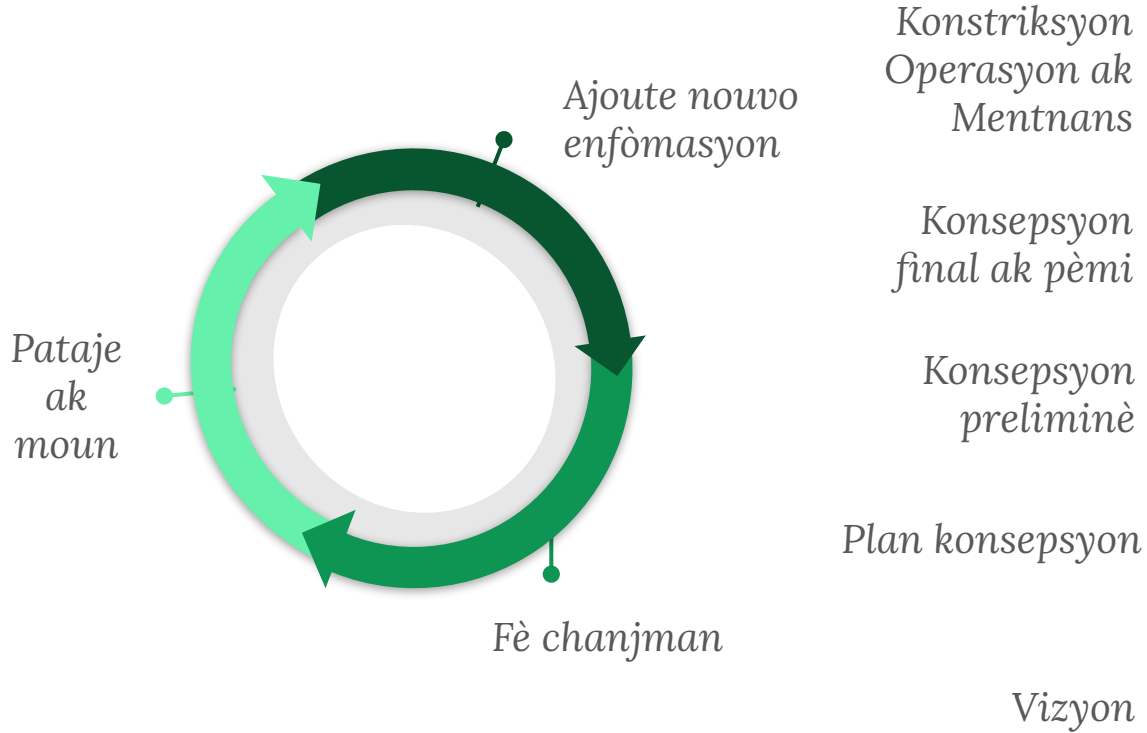


**Dorchester
(2020)**



**Faz 2 - East Boston
ak Dorchester
(2022)**

PWOSESIS LA KA SANBLE AK YON ESKALYE ESPIRAL...



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INONDASYON KÒTYÈ NAN BOSTON NAN LANE 2018 AK 2022



Inondasyon pandan tanpèt ivè Riley nan North End nan Boston
(Sous: Matt Conti, Ivè, 2018)



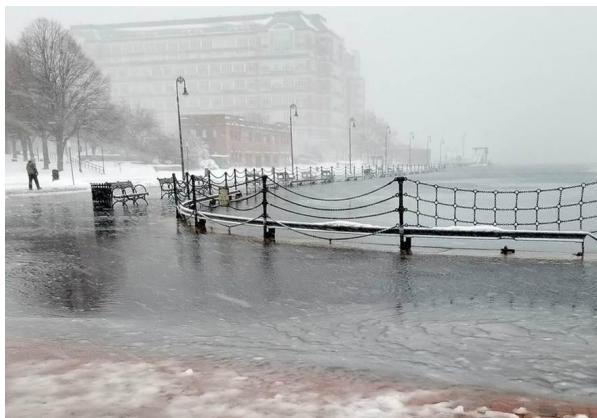
Inondasyon sou Mary Ellen Greenway nan East Boston
(Sous: Lisa A. DiFrisco, Ivè 2018)



Inondasyon anba pon Evelyn Moakley nan kanal Fort Point nan East Boston
(Sous: Alison Brizius, Desannm 2022)



Yon gason k ap fè kayak sou lari a toupre Lewis Mall nan East Boston
(Sous: Steve Holt, Ivè 2018)



Inondasyon sou Harborwalk nan Charlestown Navy Yard
(Sous: Gerry Angoff, Ivè 2018)



Inondasyon sou Harborwalk nan sant vil Boston
(Sous: Alison Brizius, Desannm 2022)

EGZEKISYON REZILANS KÒTÈ: TWA ESTRATEJI SIMILTANE

TANPÈT JODI A

Objektif kle:

Ranfòse respons nou sou inondasyon jodi a

Kijan?

Fè edikasyon pou rezidan yo sou kijan pou prepare pou ijans, ranfòse pwotokòl pou preparasyon epi reponn ak klima dènye degre epi mete an plas baryè deplwayab

Ajans kle nan vil la:

Biwo jesyon ijans
Biwo rezistans klimatik

TANPÈT DIZÈN LANE SA A

Objektif kle:

Abòde chimen inondasyon 2030

Kijan?

Avanse ak pwojè priyorite akoutèm yo idantifye nan plan rezistans kotyè yo, soti nan konsepsyon rive nan konstriksyon.

Ajans kle nan vil la:

Biwo rezistans klimatik
Depatman planifikasyon
Depatman pak ak lwazi

APRÈ 2030

Objektif kle:

Transfòme 47 mil litoral nou yo

Kijan?

Atravè yon patenarya kontinyèl avèk Kò Enjenyè lame Etazini, avanse ak pwojè priyorite onivo mwayen ak lon tè, soti nan konsepsyon rive nan konstriksyon.

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Depatman planifikasyon
Komisyon dlo ak tou egou, ak anpil lòt ankò!

EGZEKISYON REZILANS KÒTÈ: TWA ESTRATEJI SIMILTANE

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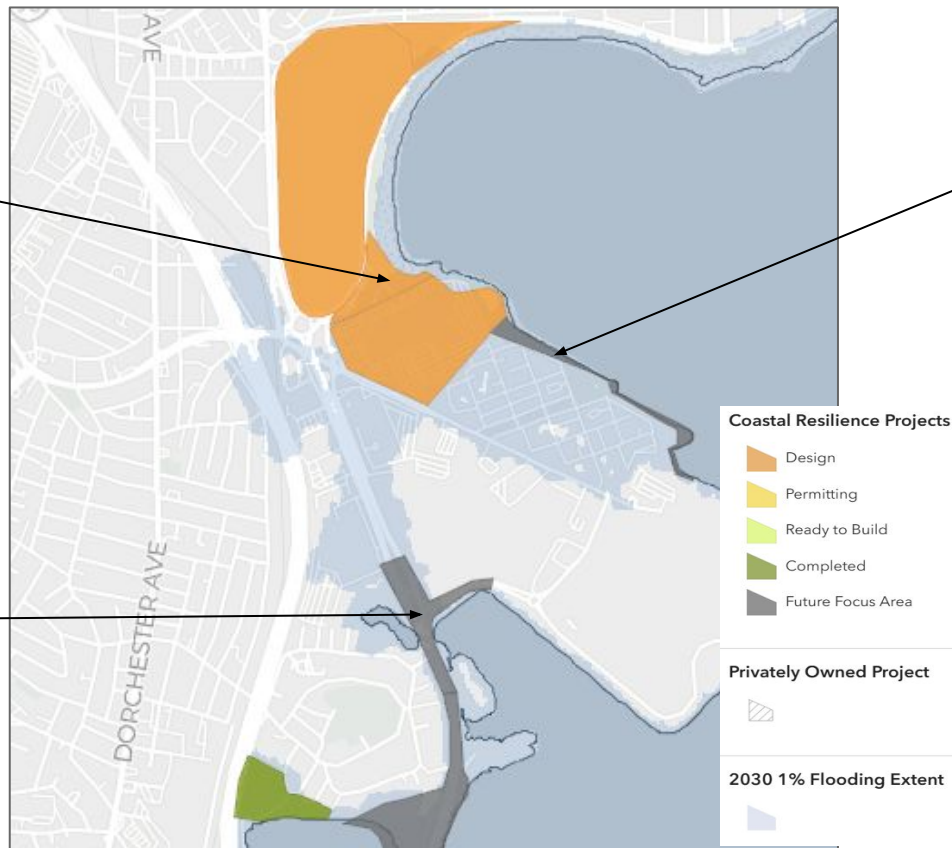
EGZEKISYON PWOJÈ REZISTANS KÒTYÈ - DORCHESTER



**Moakley Park &
Moakley Connectors**
Konsepsyon an sou pye



Morrissey Boulevard
MassDOT
Ap tann pwochen etap yo



Harbor Point Harborwalk
Zòn pou konsantre alavni

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EGZEKISYON PWOJÈ REZISTANS KÒTYÈ - DORCHESTER



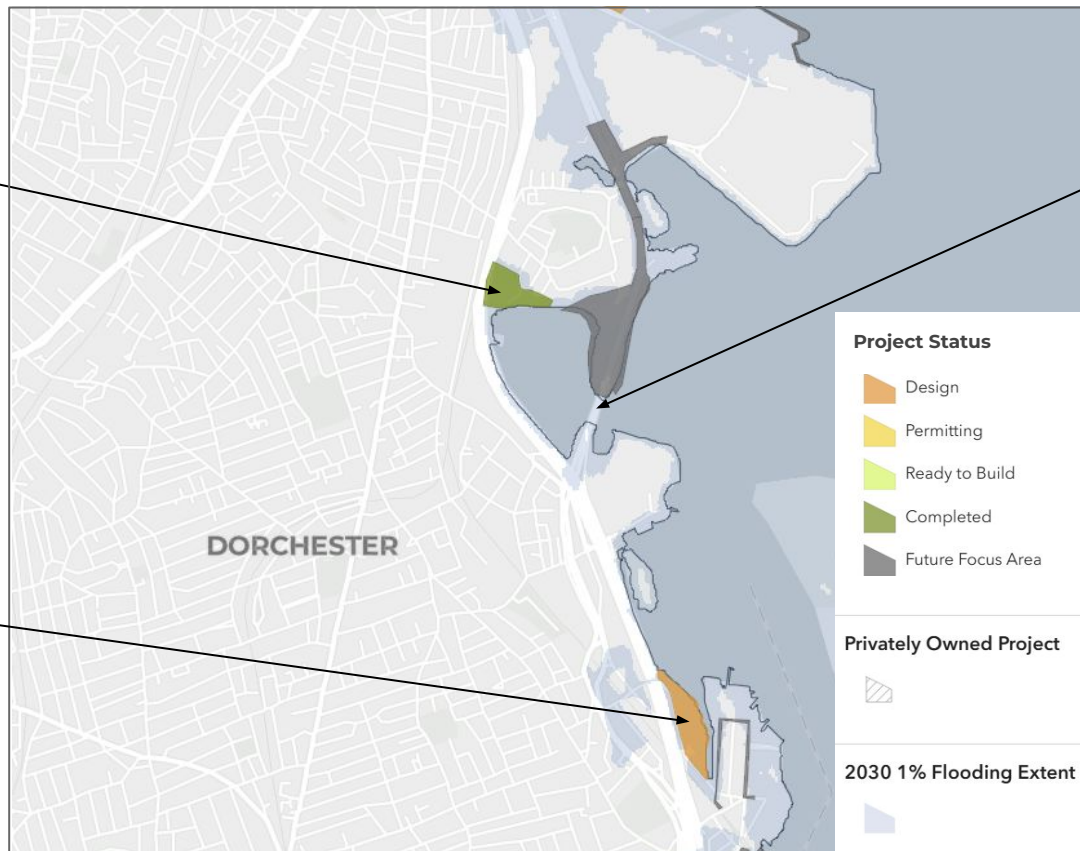
McConnell Park

Yo te konstwi l nan lane 2022



Tenean Beach

Ap tann nouvo etap



Beades Bridge

Pwojè MassDOT an konsepsyon

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EGZEKISYON REZILANS KÒTÈ: TWA ESTRATEJI SIMILTANE

TANPÈT JODI A

Objektif kle:

Ranfòse respons nou sou inondasyon jodi a

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Ajans kle nan vil la:

Biwo rezistans klimatik
Depatman planifikasyon
Komisyon dlo ak tou egou, ak anpil lòt ankò!

POUKISA SE KOUNYE A EPI POUKISA USACE?

- USACE gen yon misyon espesifik pou mete sou pye solisyon rezistans pou kòt yo k ap **efikas pou diminye ris pou enterè federal la**;
 - Nou gen enterè pataje **pou pwoteje kay, enfraestrikti kritik ak koridò evakyasyon**;
- USACE **suiv yon pwogrè espesifik** nan fè konsepsyon, evalye epi seleksyone pwojè.
 - Yo ka bay **jiska 65% nan pri** pou konstui estrikti sa yo.



KIBÒ NOU YE NAN PWOSESIS USACE LA?



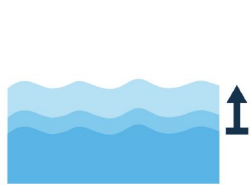
Pwosesis CSRМ:

Analiz ak jesyon sou ris pou tanpèt kotyè 101



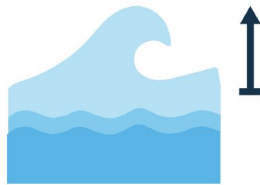
KIJAN USACE DEFINI RIS POU TANPÈT KOTYÈ?

RIS KOTYÈ



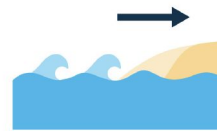
NIVO LANMÈ A CHANJE

Dlo lanmè ogmante nan yon fason pèmanan an konparezon ak tè a



VAG TANPÈT

Dlo lanmè a monte nan yon fason tanporè poutèt yon tanpèt



AKSYON VAG AK EWOZYON

Diminisyon pwogresif nan litoral la amezi vag yo ap transpòte sediman.

FÈMEN CHEMEN INONDASYON ALONTÈM:



CHIMEN INONDASYON

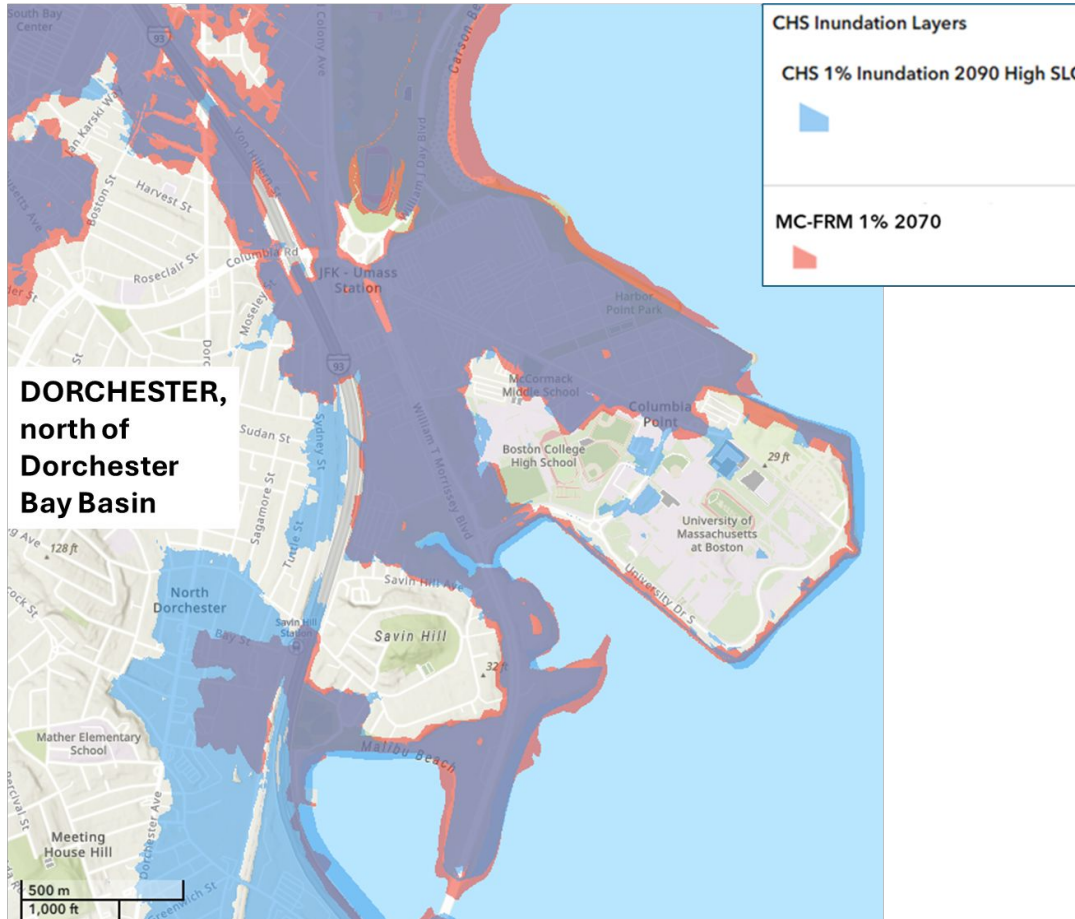
Gen enpak sou zòn andedan yo lè dlo antre atravè yon zòn ki anba sou bòdmè a



US Army Corps
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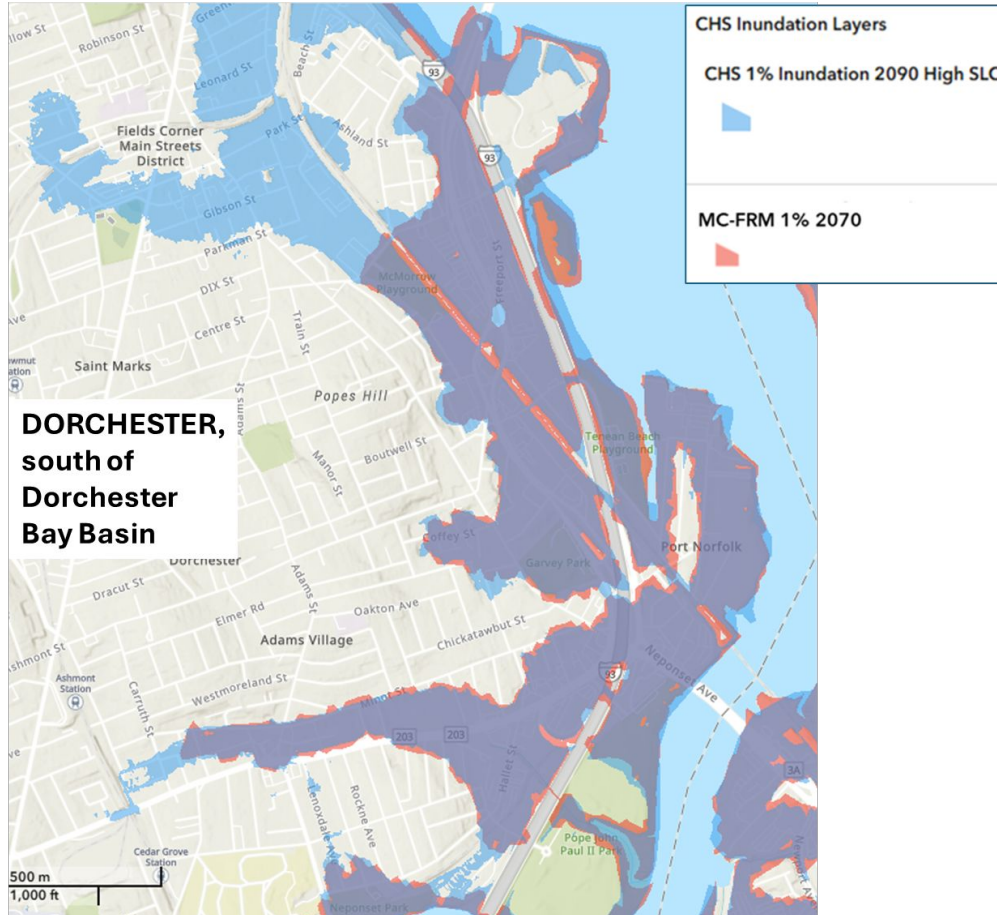
JESYON SOU RIS KI KONEKTE AK TANPÈT KOTYÈ: KIJAN SA DIFERAN AK CLIMATE READY BOSTON?



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JESYON SOU RIS KI KONEKTE AK TANPÈT KOTYÈ: KI JAN SA DIFERAN AK CLIMATE READY BOSTON?



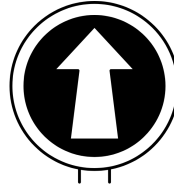
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of Engineers



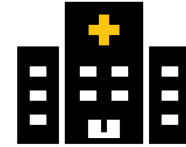
KIJAN USACE DEFINI “ENTERÈ FEDERAL”?



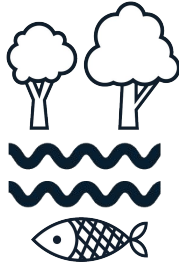
Pwoteksyon
lojman



Pwoteksyon koridò
evakyasyon



Pwoteksyon
enfraestrikti kritik



Pwoteksyon resous
natirèl



Pwoteksyon moun



Pwoteksyon transpò
kritik



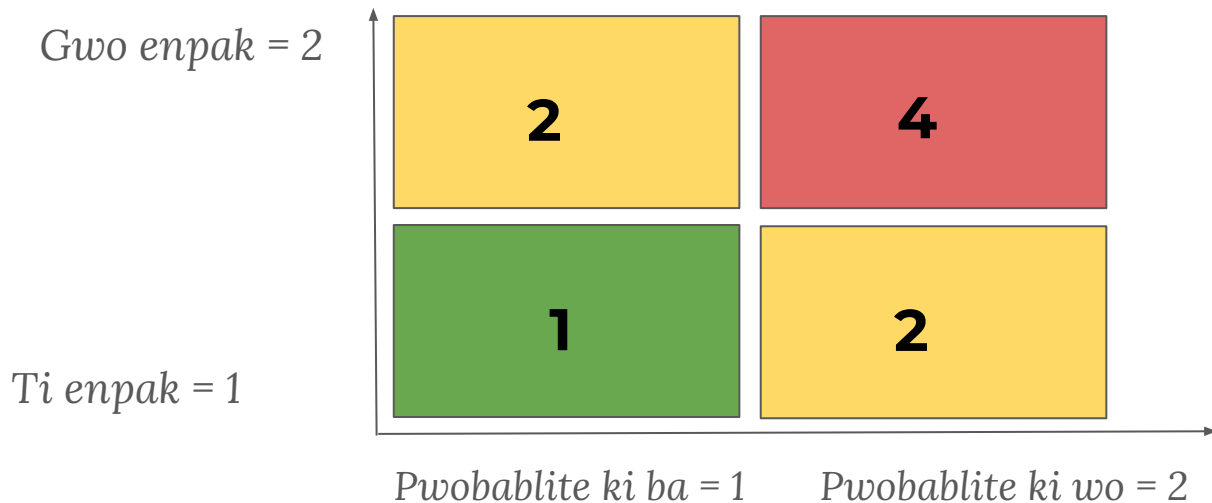
U.S. ARMY



US Army Corps
of Engineers

KIJAN USACE JERE RIS POU TANPÈT?

- Ris pou tanpèt se posiblite pou gen yon vye tanpèt ki pase nan yon zòn espesifik
 - Nivo pwobablite multiplye ak nivo enpak



KIJAN USACE ABÒDE RIS POU TANPÈT? CHWAZI BON ZOUTI A



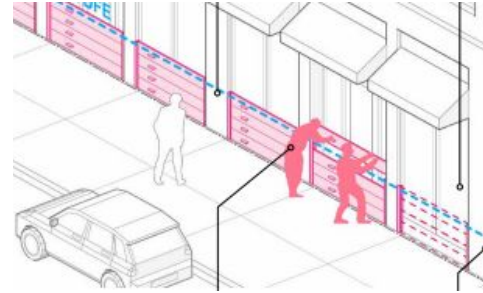
1ye tiwa: PWOTEJE

Estriktirèl



2zyèm tiwa: ADAPTE oswa AKOMODE

Ki pa estriktirèl, fizik



3zyèm tiwa: JERE

Ki pa estriktirèl, ki pa fizik

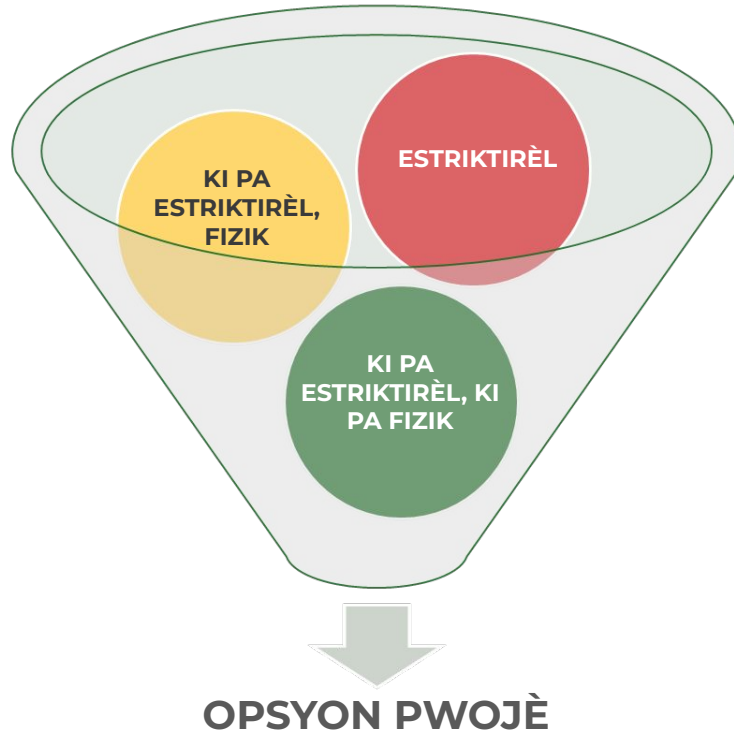


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KIJAN USACE CHWAZI ZOUTI POU BOSTON

- *Kisa k ap bay maksimòm pwoteksyon?*
- *Kisa ki posib pou konstwi?*
- *Kisa ki pi adapte pou
Dorchester?*



RAFRECHI MEMWA W: ZOUTI CLIMATE READY BOSTON

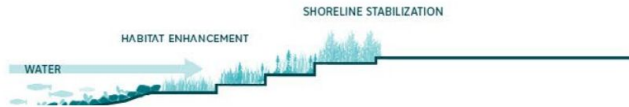
RAISED HARBORWALK / RAISED PARK SPACE



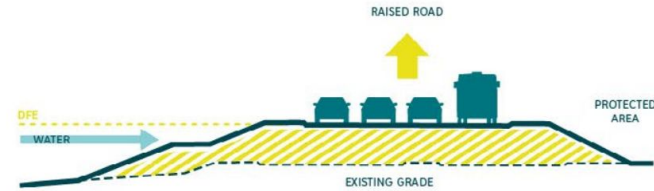
RAISED BERMS AND DUNES



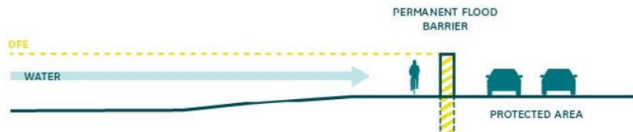
NATURE-BASED SOLUTIONS



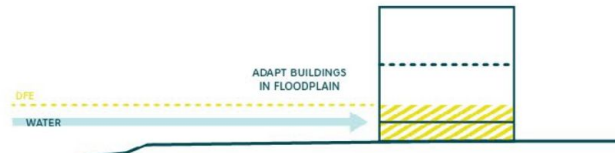
RAISED ROADWAYS / MEDIAN FLOODWALLS



VERTICAL FLOODWALLS



ADAPTED BUILDINGS AND STRUCTURES

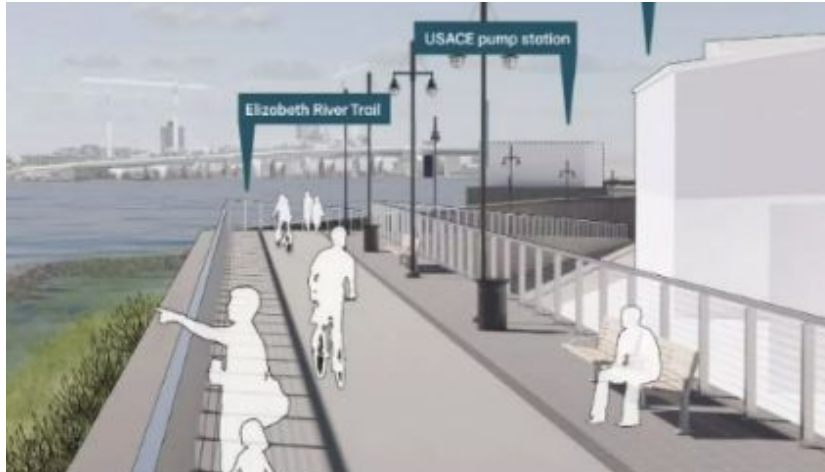


EGZANP APLIKASYON USACE

RAISED HARBORWALK / RAISED PARK SPACE



Egzanp USACE: Norfolk, VA



RAISED BERMS AND DUNES



Egzanp USACE: New Bedford, MA

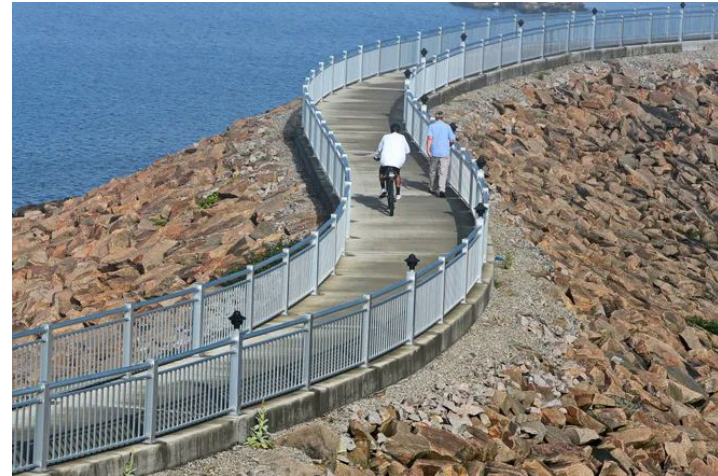


Photo Credit: Peter Pereira, The Standard-Times

EGZANP APLIKASYON USACE

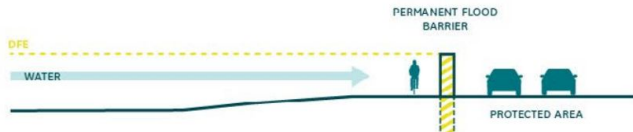


Egzanp USACE: Norfolk, VA



Egzanp USACE: Long Island, NY

VERTICAL FLOODWALLS



ADAPTED BUILDINGS AND STRUCTURES



KIJAN W KA EDE JODI A:

- Poze nou kesyon
- Pataje enkyetid ou
- Ede nou reponn kesyon sa yo:
 - Eske nou manke yon zòn nan sa ki gen pou wè ak ris kotyè?
 - Eske nou manke yon zòn nou bezwen pwoteje?
 - Kisa ki enpòtan pou nou konnen sou zouti oswa anplasman estrikti pou pwojè USACE yo?
 - Kijan nou ka fè pou pwosesis la pi aksesib pou ou?



Kijan pou fè n konnen kòmantè w yo:



Vini nan lè biwo

ANLIY, CHAK VANDREDI

Vandredi 20 jen

10am - 12pm

<https://calendar.app.google/qScfkdc9zqMwxB3n6>



Soumèt kòmantè anliy

**FÒMILÈ POU PATAJE
ENFÒMASYON SOU ETID LA**



<https://forms.gle/accbLWV33Ze4t93T7>



Pran yon randevou

**ANLIY
(AK VIL LA AK KÒ YO)**



U.S. ARMY

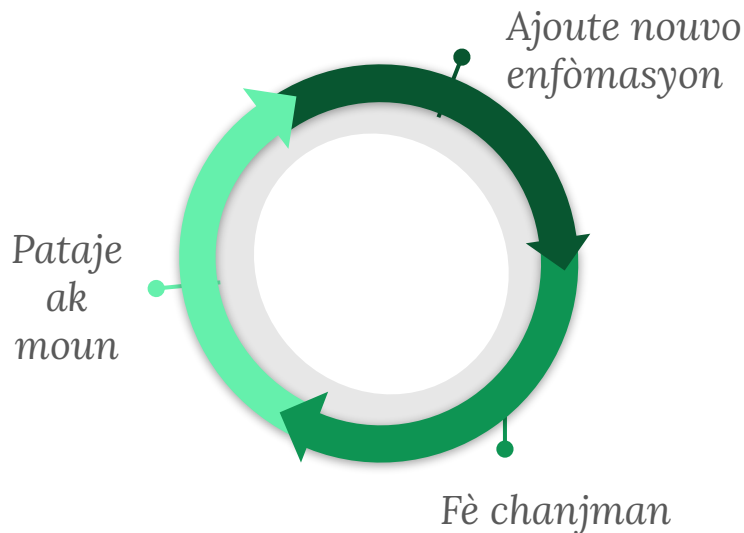


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KISA N AP FÈ ANNAPRÈ:

- *Reponn ou, nan mezi nou kapab*
- *Voye prezantasyon sa a pou ou*
- *Rankontre avè w an pèsòn pou tandè plis sou enkyetid ou ak kesyon w yo*
- *Voye yon dezyèm prezantasyon pou ou pi ta nan ane a (sezon otòn 2025)*



Anplasanman preliminè:

Pwojè aliyman pou Dorchester:



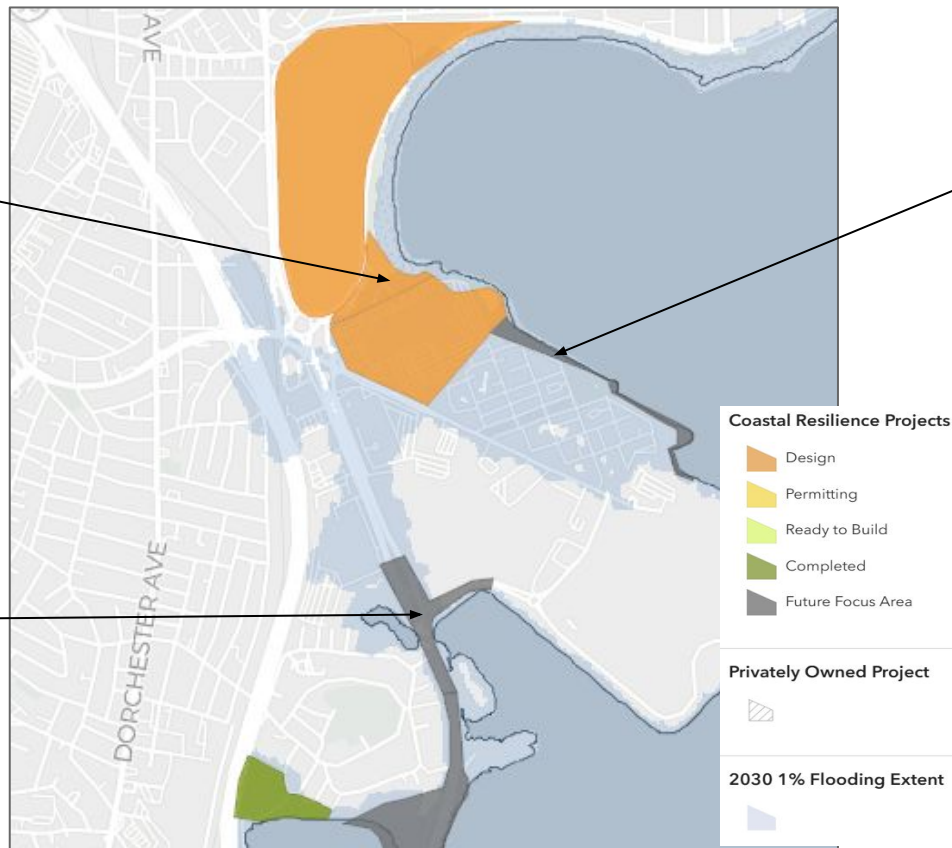
EGZEKISYON PWOJÈ REZISTANS KÒTYÈ - DORCHESTER



**Moakley Park &
Moakley Connectors**
Konsepsyon an sou pye



Morrissey Boulevard
MassDOT
Ap tann pwochen etap yo



Harbor Point Harborwalk
Zòn pou konsantre alavni

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EGZEKISYON PWOJÈ REZISTANS KÒTYÈ - DORCHESTER



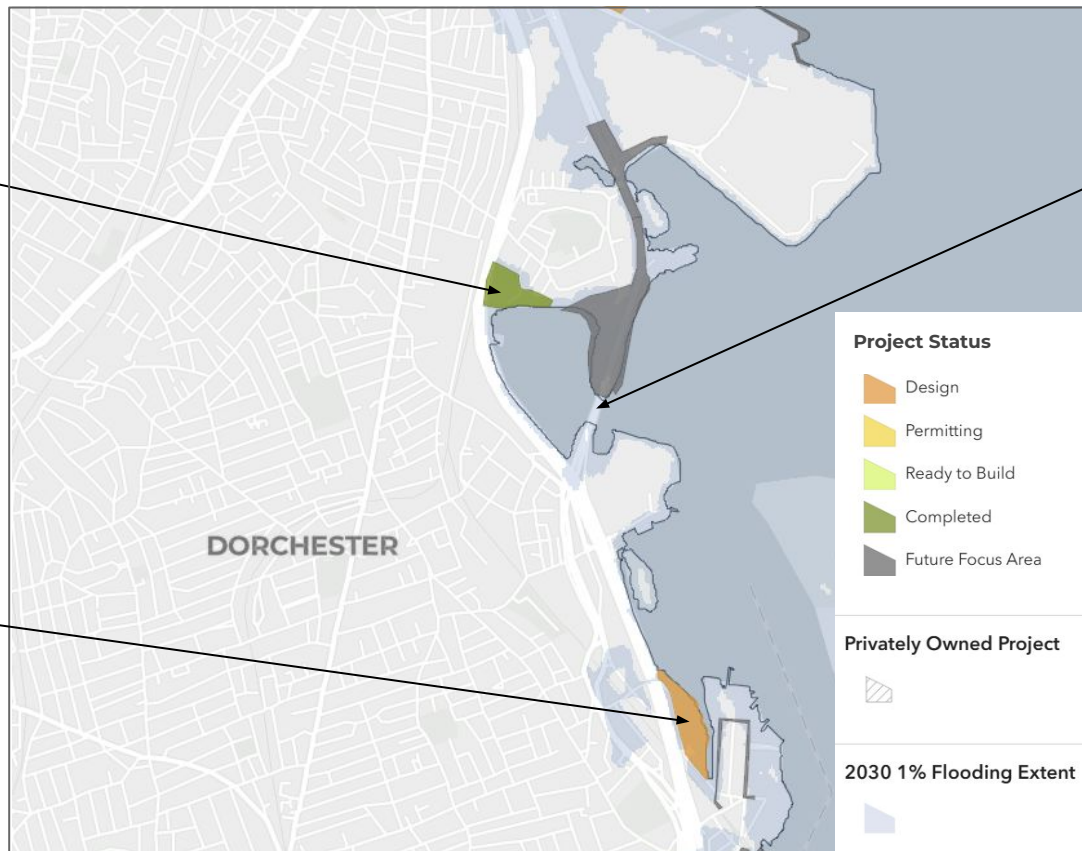
McConnell Park

Yo te konstwi l nan lane 2022



Tenean Beach

Ap tann nouvo etap

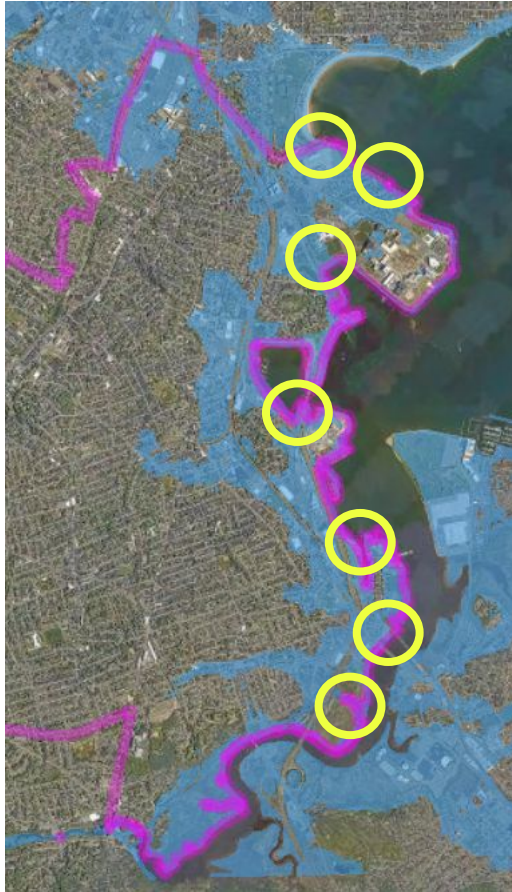


Beades Bridge

Pwojè MassDOT an konsepsyon

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APÈSI SOU DORCHESTER



1. Konektè nan sid Moakley Park
2. Harbor Point Harborwalk
3. Pattens Cove
4. Morrissey Boulevard (Seksyon nan mitan)
5. Tenean Beach
6. Neponset Bridge
7. Davenport Creek



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1. KONEKTÈ NAN SID MOAKLEY PARK AK

2. HARBOR POINT HARBORWALK



LEGEND

CHS Inundation Layers

CHS 1% Inundation 2090 High SLC



Flood Pathways



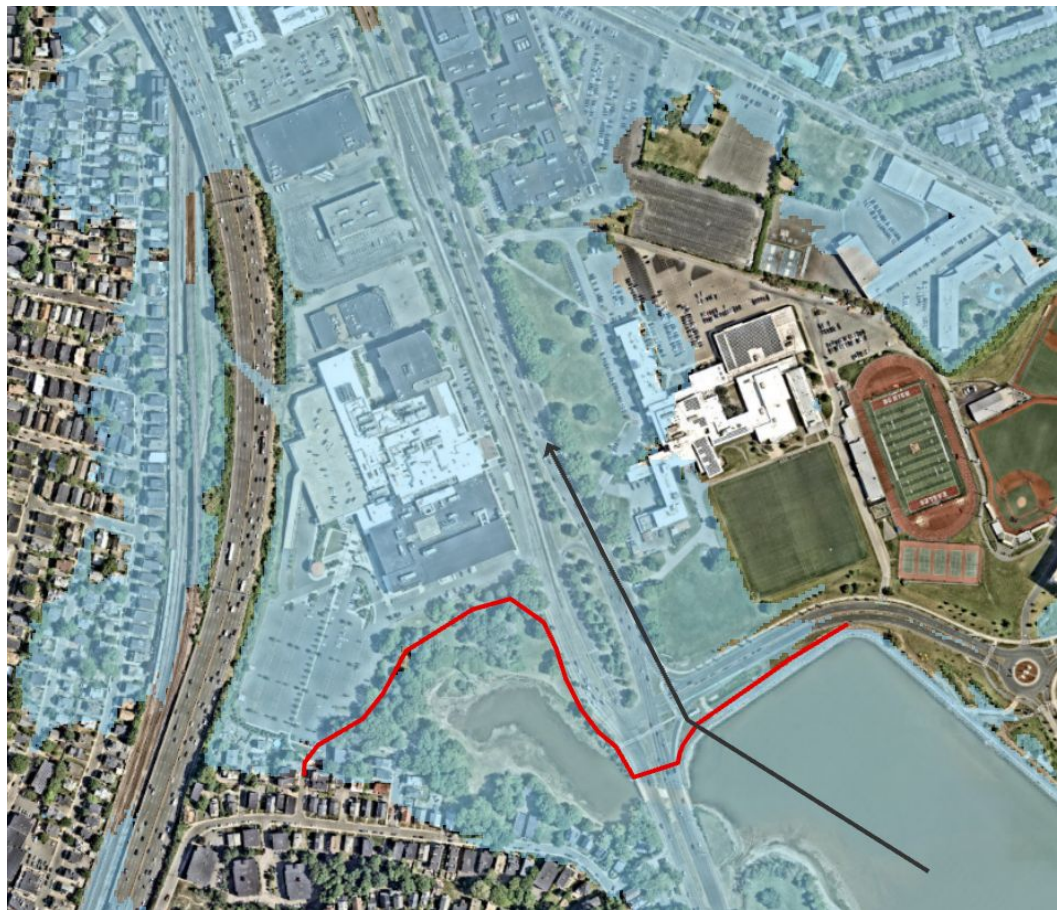
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3. PATTENS COVE



LEGEND

CHS Inundation Layers

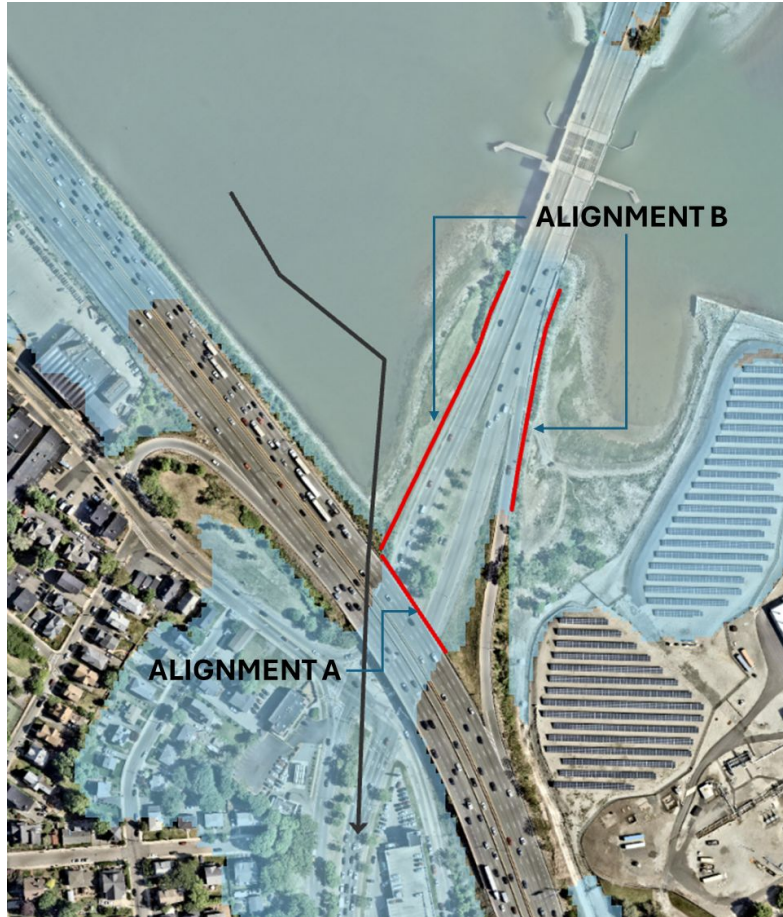
CHS 1% Inundation 2090 High SLC



Flood Pathways



4. MORRISSEY BOULEVARD (SEKSYON NAN MITAN)



LEGEND

CHS Inundation Layers

CHS 1% Inundation 2090 High SLC



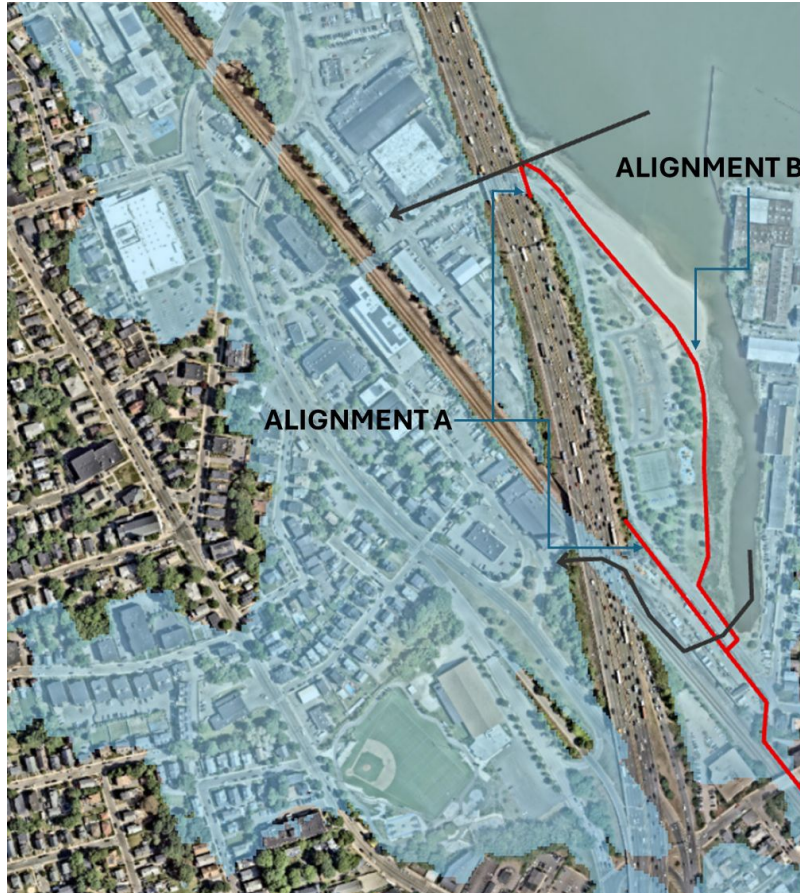
Flood Pathways



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of Engineers



5. TENEAN BEACH



LEGEND

CHS Inundation Layers

CHS 1% Inundation 2090 High SLC



Flood Pathways



U.S. ARMY



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PORT NORFOLK



LEGEND

CHS Inundation Layers

CHS 1% Inundation 2090 High SLC



Flood Pathways



6. NEPONSET BRIDGE AK

7. DAVENPORT CREEK

LEGEND

CHS Inundation Layers

CHS 1% Inundation 2090 High SLC



Flood Pathways



US Army Corps
of Engineers



Rezime

- *Pwojè alontèm pou abòde ris alontèm*
- *Nan moman an se chita sou resevwa kesyon sou pwosesis la ansanm ak domèn pou n kosantre n yo*
- *Kòmantè ki vin annaprè sou konsepsyon (ak altènatif pou konstriksyon)*



Kijan pou fè n konnen kòmantè w yo:



Vini nan lè biwo

ANLIY, CHAK VANDREDI

Vandredi 20 jen

10am - 12pm

<https://calendar.app.google/qScfkdc9zqMwxB3n6>

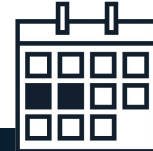


Soumèt kòmantè anliy

**FÒMILÈ POU PATAJE
ENFÒMASYON SOU ETID LA**



<https://forms.gle/accbLWV33Ze4t93T7>



Pran yon randevou

**ANLIY
(AK VIL LA AK KÒ YO)**



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Sesyon pou kesyon ak repons



City of Boston
Climate Resilience

Kijan pou fè n konnen kòmantè w yo:



Vini nan lè biwo

ANLIY, CHAK VANDREDI

Vandredi 20 jen

10am - 12pm

<https://calendar.app.google/qScfkdc9zqMwxB3n6>

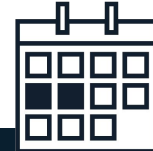


Soumèt kòmantè anliy

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Pran yon randevou

**ANLIY
(AK VIL LA AK KÒ YO)**



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