K CIRCLE
MORRISSEY BLVD
CORRIDOR STUDY

Reunion di Komison #2 di Morrissey Boulevard

The University of Massachusetts, Boston & Virtual via Zoom

30 di Janeru, 2024

Notas di Reunion i Prosedimentus

Notifikason di gravason

Es reunion virtual publiku ta ben ser gravadu. Massachusetts Department of Transportation (Dipartamentu di Transporti di Massachusetts) podi skodji guarda i distribui video, imajens statiku, audio, i/or transkrison di chat.

- Si bu kontinua ta partisipa na es reunion virtual publiku, bu sa ta da konsentimentu di partisipa na un iventu gravadu.All recordings and chat transcript will be considered a public record.
- Tudu gravasons i transkrison di chat ta bai konsideradu un gravason publiku.
- Si bu ka teni vontadi di parsi na gravason, favor disliga bu kamera, manti bu mikrofoni na mudu, i ka bu partisipa na chat na di kaxa di transkrison. Kazu kontrariu, bu podi skodji sai di reunion.

Notas Inportanti

- Bu mikrofoni i webcam ta sta automatikamanti disligadu logu ki bu entra na reunion.
- Reunion ta ben sta abertu pa purguntas i rispostas na fin di aprizentason.

Tudu purguntas i kumentarius e benvindu i apresiadu, mas nu ta pidi ki bu ivita kualker kumentarius ki ta falta rispetu.

Kumandus na Zoom

- Seta pa baxu pa djobi mikrofoni i kulunas
- Fazi un purgunta i partilha kumentarius
- Labanta bu mo
- Si bu ka konsigui asesa interneti o bu sa ta ten prublemas tekniku, favor txoma pa reunion pa 309-205-3325, Webinar ID: 853 4038 4056

Si bu sa ta ten prublema ku teknolojia di aprizentason duranti aprizentason, favor txoma: 1-888-799-9666

Lijendas disponivel jeradu automatikamanti pa Zoom

Agenda

- **Txoma pa Pidi**

- **Aprizentason di Menbrus di Komison**
- **Aprizentason di Studu**
  - **Futurus Kondisons**
  - **Dizenvolvimentus Alternativu**
  - **Kriteriu di Avaliason**
  - **Ajenda / Prosimus Pasus**

- **Andar Abertu pa Diskuson entri Menbrus di Komison**

- **Kumentariu Publiku**

Aprizentasons di Komison

K CIRCLE MORRISSEY BLVD CORRIDOR STUDY

MASSACHUSETTS SENATE

COMMONWEALTH OF MASSACHUSETTS HOUSE OF REPRESENTATIVES

EXECUTIVE OFFICE of ENERGY & ENVIRONMENTAL AFFAIRS

massDOT Massachusetts Department of Transportation

CITY of BOSTON

boston planning & development agency

University of Massachusetts Building Authority

Objetivus di Komison

Midjora mobilidadi pa pedestris, utilizadoris di tranzitu, siklistas, i motoristas

Fortalesi resiliensia klimatiku na seson Dorchester di sidadi di Boston i na Morrissey Boulevard na sidadi

Kria un planu abranjenti i alternativas di konseitu di prujetu pa koredor Morrissey Boulevard

Identifika investimentus di kurtu prazu pa midjora mobilidadi pa pedestris, utilizadoris di tranzitu, siklistas, i motoristas na koredor Morrissey Boulevard

Objetivu di Reunion

- **Aprizenta konseitus ki ta foka prinsipalmenti na aborda reziliensia i pidi opinion sobri abordajens/tratamentus**

- **Risebi orientason pa solusons di mobilidadi i strutura di prujetu**

- **Pidi opinion sobri Kriteriu di Avaliason**

Aprizentason di Studu

Aprizentason Vizon jeral i Kontestu

Stabilesi nisisidadis di koredor - ta konta ku kondisons speradu na futuru

Pamodi – Garanti ma nu ta plania pa manhan ka so pa oji

Ilustra pusivel solusons pa satisfazi nisisidadis

Pamodi - Morrissey Boulevard e arteria kritiku di transporti i barera entri Dorchester Bay i bairus

Difini kriteriu di avaliason

Pamodi – Nisisidadi di stabelesi justificativa pa tomada di desizon i priorizason

Avaiason di Futurus Kondisons

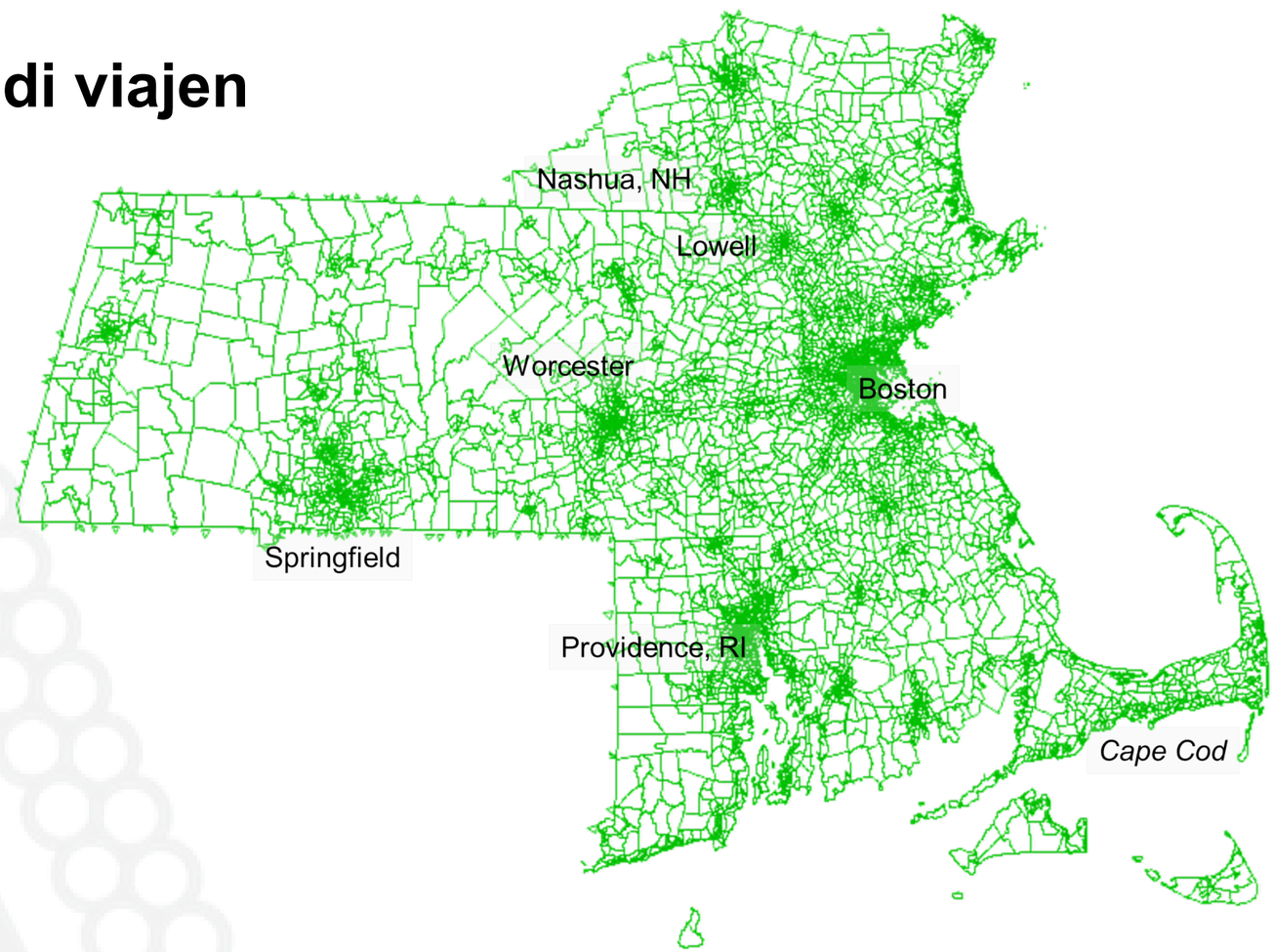
Kordenason di Prujetu di Aria di Studu

Kordenason na prujetus prinsipal di koredor

- Studu Kosciuszko Circle/Morrissey Boulevard
- Dizenvolvimentus di Artigu 80 (Supervizon di Sidadi di Boston)
- Interkanbiu Kosciuszko Circle/I-93 Columbia Rd (MassDOT)
- Beades Bridge (MassDOT)
- Dorchester Resilient Waterfront Project na Tenean Beach / Conley Street (BPDA)
- Dorchester Bay Basin, Davenport Street Stormwater Park Concepts (Boston Water and Sewer Commision, Komison di Agua i Sgotu di Boston, na Kriolu)

Previzon di demanda futuru di viajens

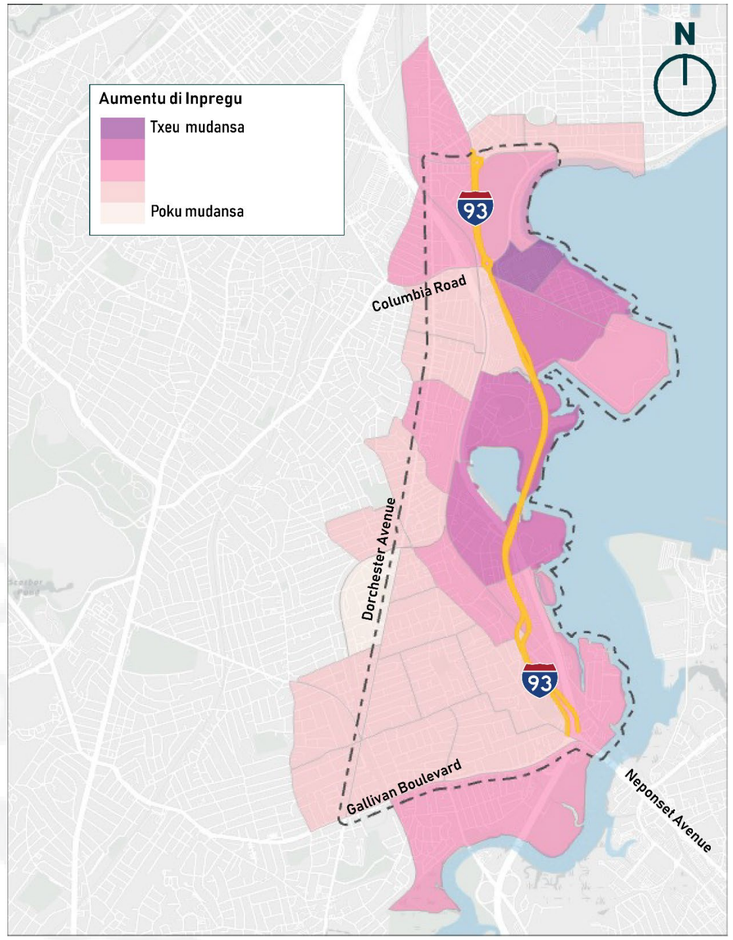
- **Uzu di mudelu stadual di Ekipa Sentral di Planejamentu di Transportis (CTPS)**
- **Kuantidadi di multiplus modus di viajen**
  - **ka so veikular**
- **Baziadu na dadus Socioekonomiku**
  - **Populason**
  - **Familias**
  - **Inpregu**

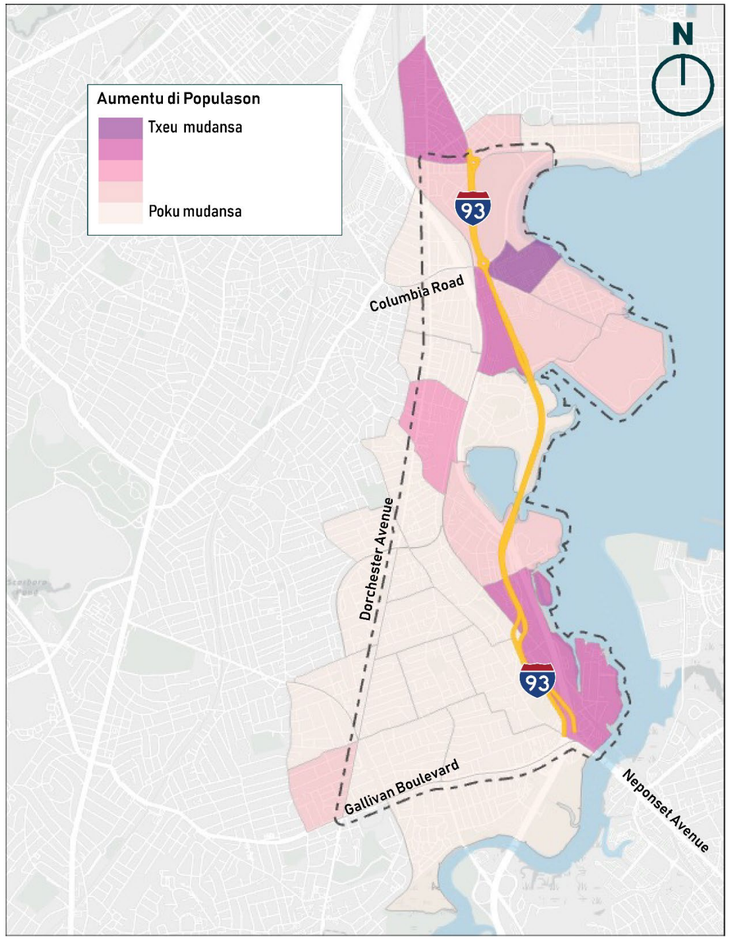


Previzon di Demanda Futuru

- **Baziadu na dadus Socioekonomiku**
- **Populason**
- **Inpregu**
- **Aria di studu konstituidu pa 31 zonas di analizi di tranzitu**

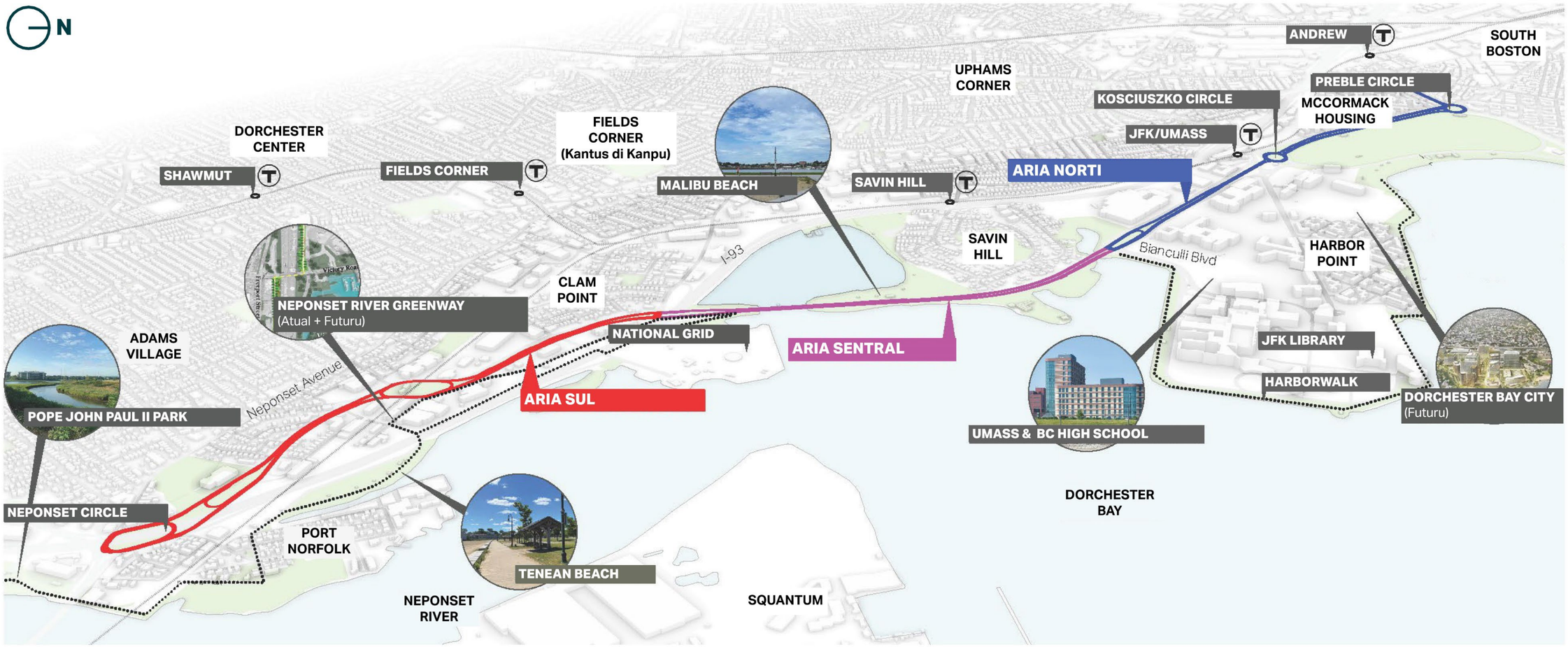
- **Ta sperasu aumenta di aria di studu (ti 2050):**
  - **+ 15,000 populason**
  - **+ 7,000 familia**
  - **+ 7,000 trabadjus**





Futurus
Kondisons
Klimatiku

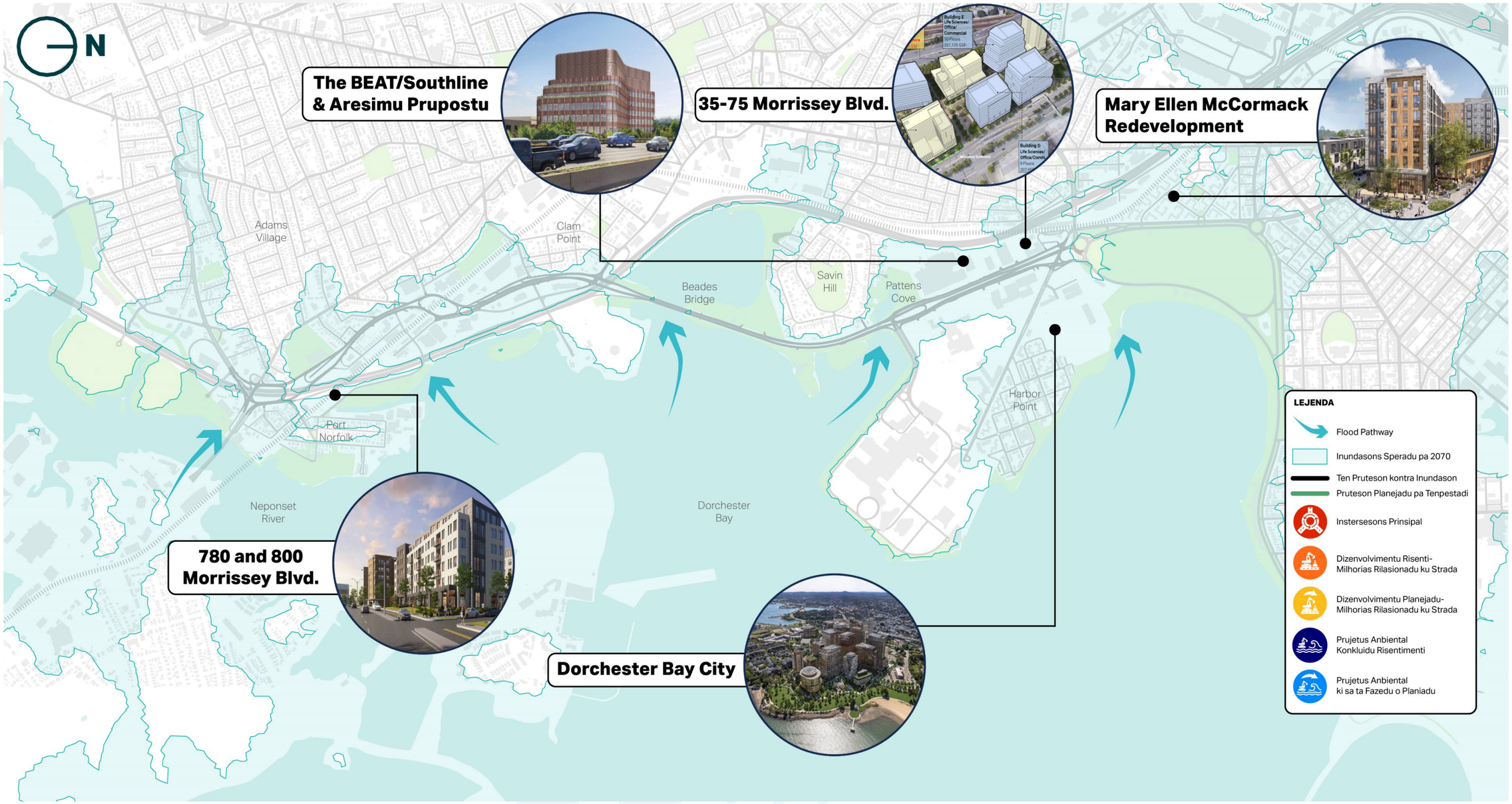
Sesons di Koredor di Studu



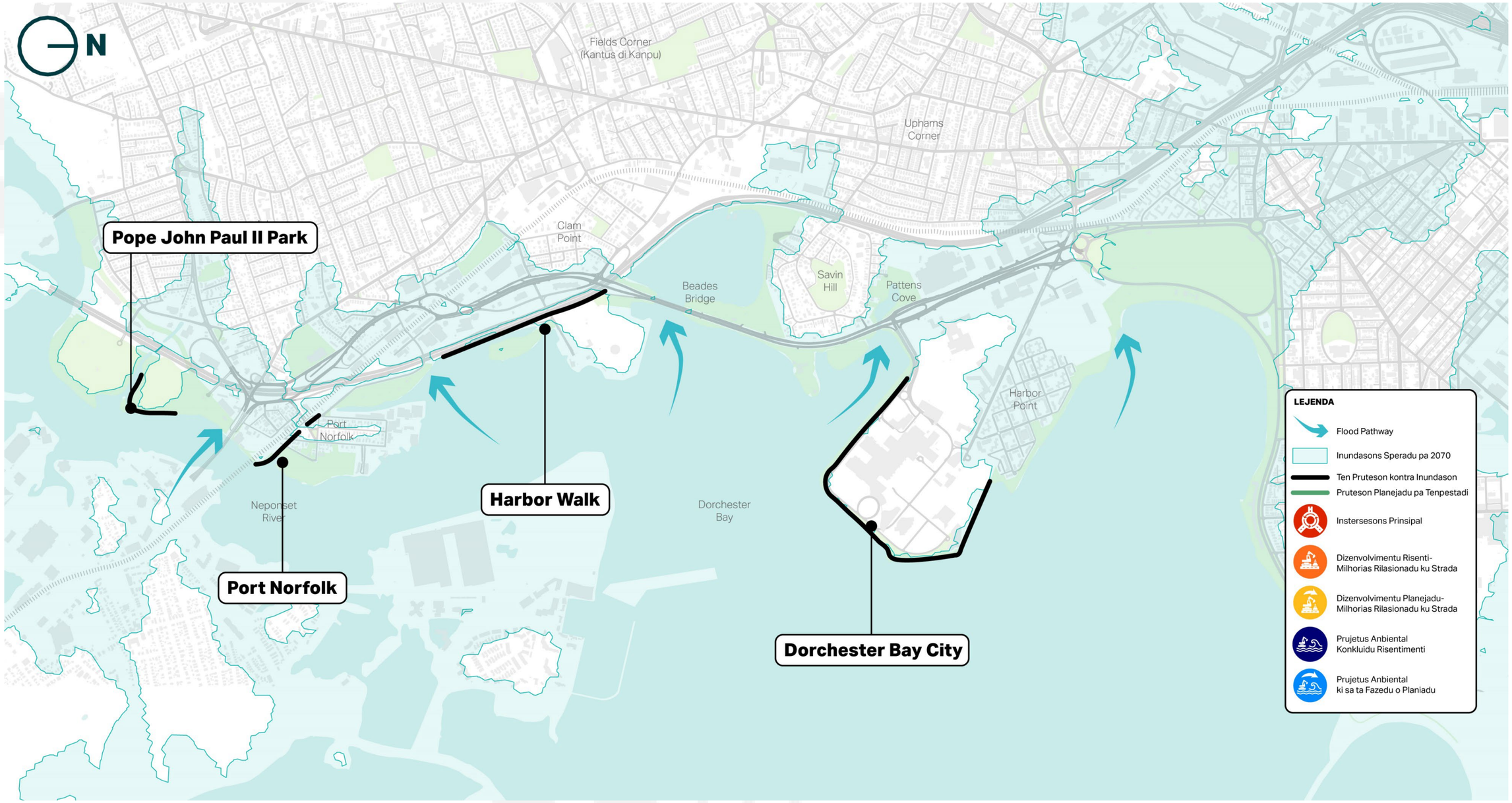
- Aria di studu e aproximadamenti **3.5 milhas** i dididu na **3 zonas distintu**
- **Aria Norti** ta bai di Preble Circle ti UMass Boston
- **Aria Sentral** ta kontinua di Bianculli Boulevard ti Freeport Street
- **Aria Sul** ta bai di Freeport Street ti Neponset Circle

Morrissey Boulevard – Flood Pathways

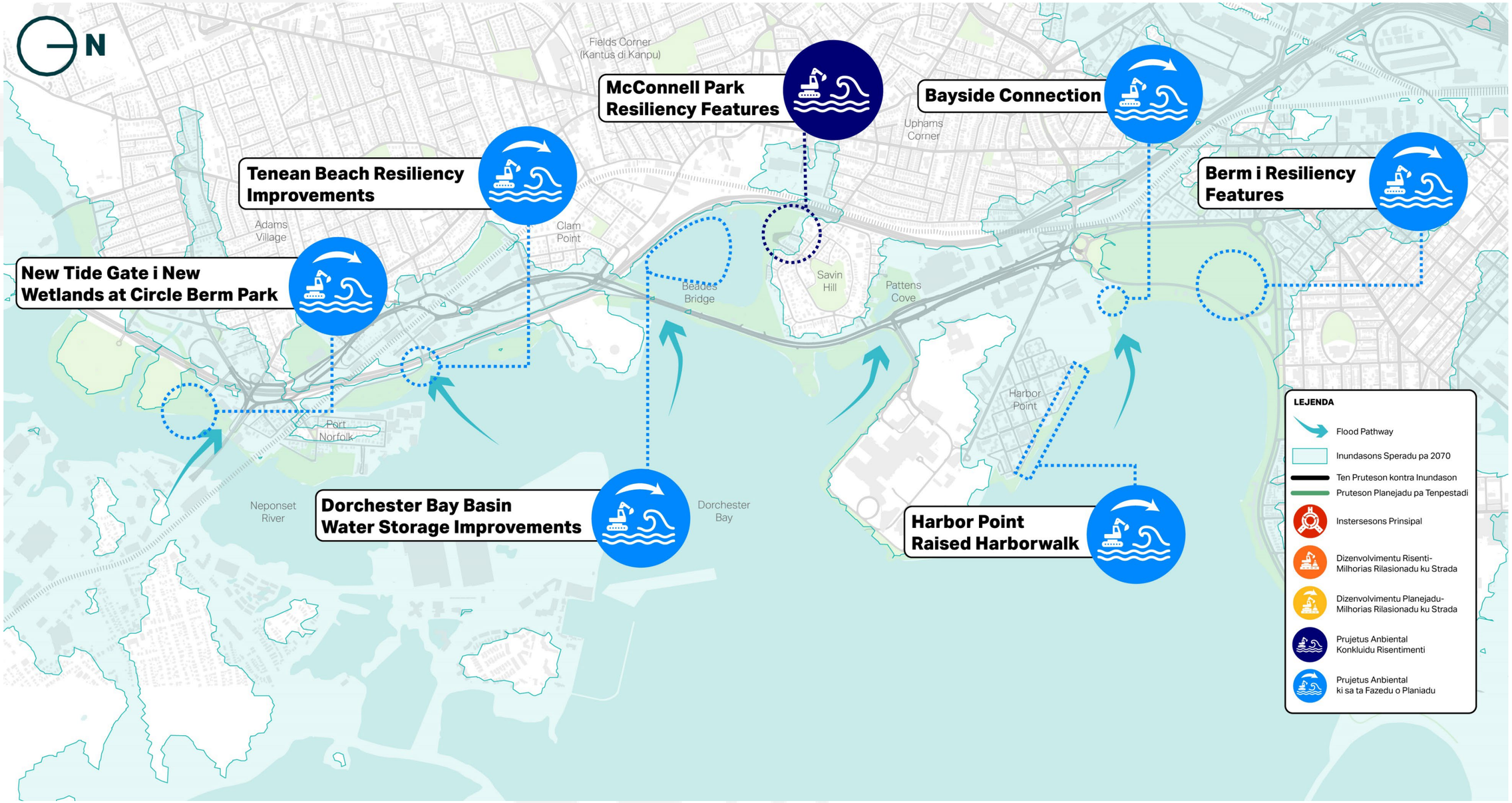
Morrissey Boulevard – Flood Pathways and Developments



Morrissey Boulevard – Ten Pruteson kontra Inundason



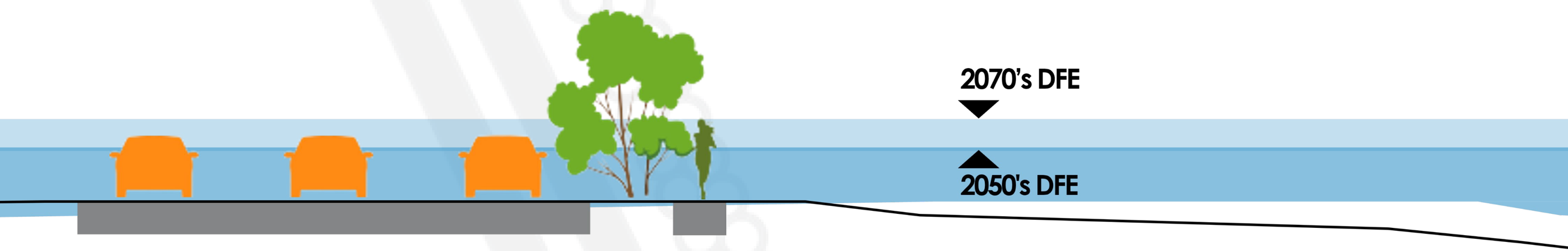
Morrissey Boulevard – Prujetus Anbiental



Morrissey Boulevard – Pruteson Planejadu pa Tenpestadi

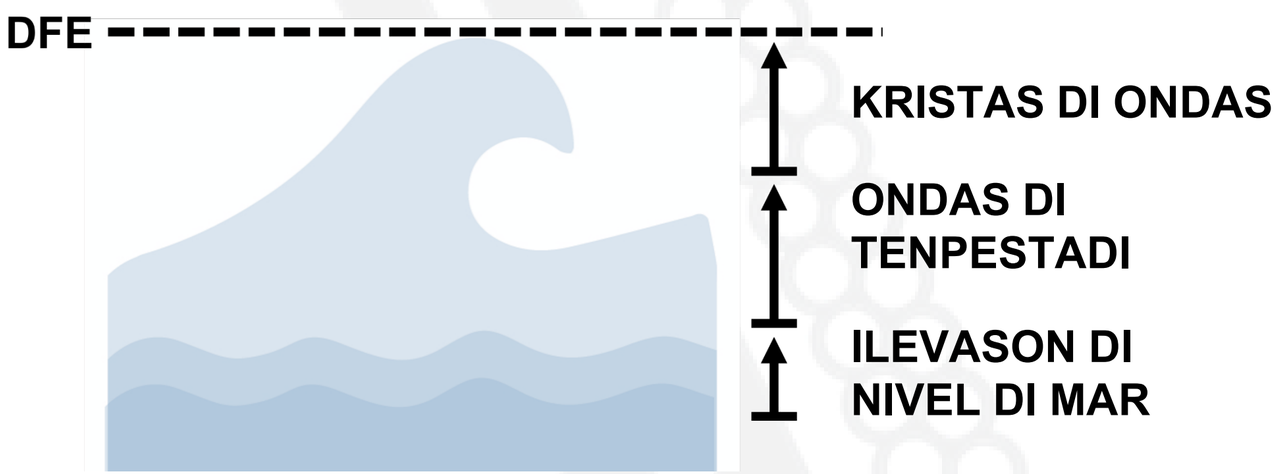
Futurus Kondisons Klimatiku – Prujetu Flood Elevation

“Prujetu Flood Elevation” (DFE) e meta ki nu kre alkansa pa kria solusons di reziliensia na bera mar, pa riduzi risku di inundasons na bera mar a **mediu prazu (dekada di 2050)** i a **longu prazu (dekada di 2070).**



Futurus Kondisons Klimatiku – Prujetu Flood Elevation

- The Massachusetts Coast Flood Risk Model (Mudelu di Risku di Inundason na bera mar di Massachusetts) – feramenta padron di prujetu di resiliensia na bera mar di Commonwealth – uzadu pa difini DFE
- DFE ta bazia na probabilidadi di inundason anual di 1% i ta kontabiliza subida di nivel di mar, tenpestadis i ason di ondas.

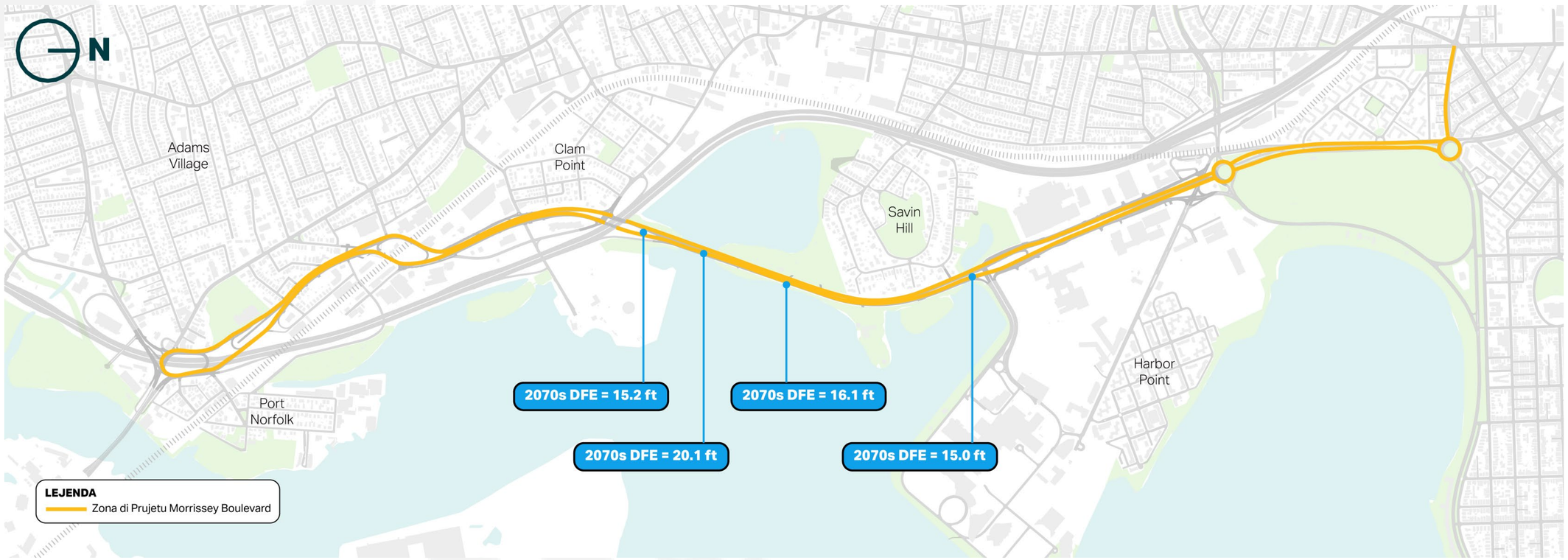


Nor'easters i tenpestadis tropikal mas intensu

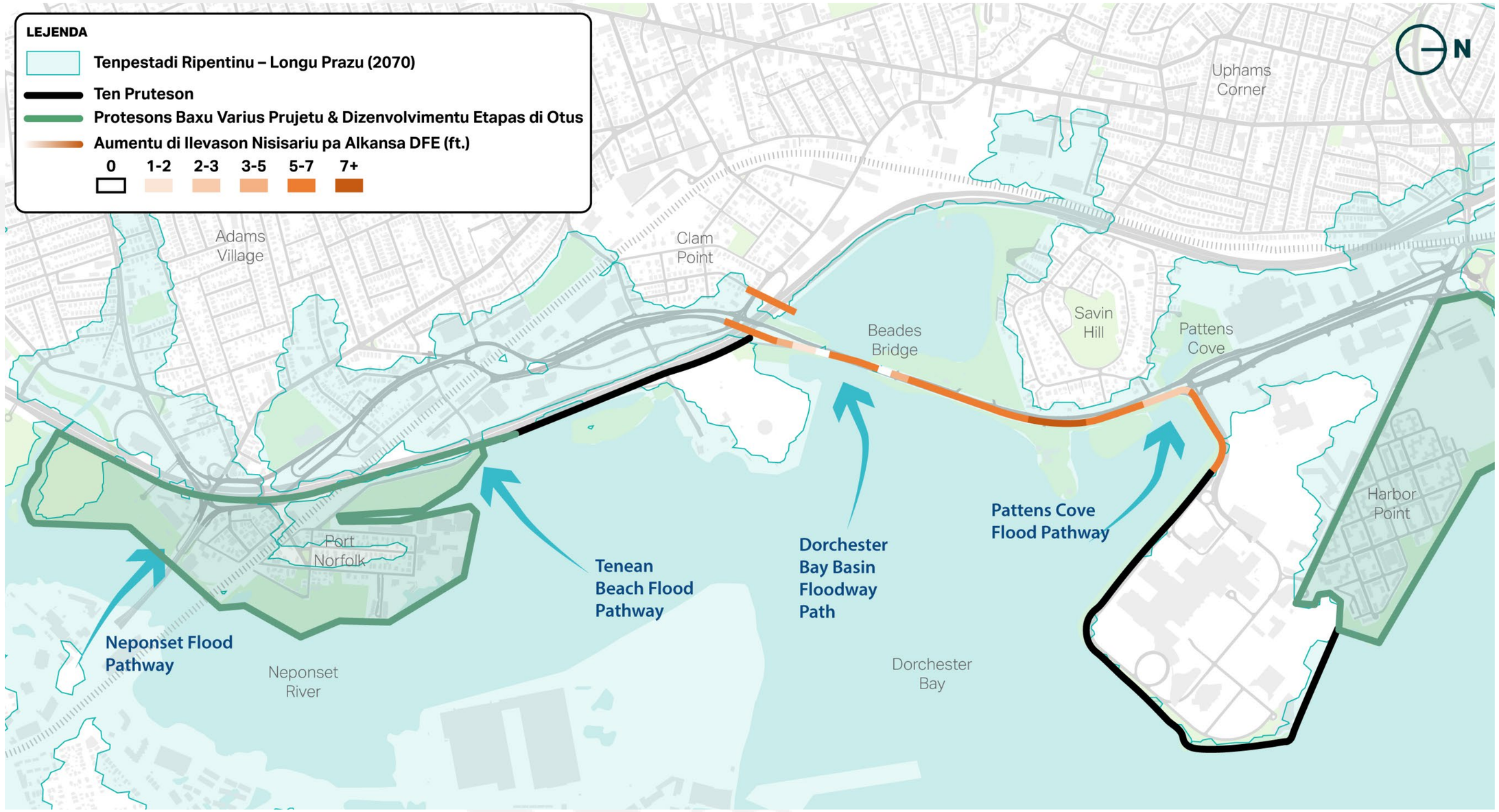
Senariu altu di 2.5 ft na 2050 i 4.3 ft na 2070

Futurus Kondisons Klimatiku – Prujetu Flood Elevation

DFE ta varia duranti koredor di Morrissey Boulevard,
baziadu prinsipalmenti na diferensas na kondisons di onda



Futurus Kondisons – Previzon di Inundasons na Bera Mar



Dizenvolvimentus Alternativu

Objetivus di Abordajen di Prujetu

MOBILIDADI DI KOREDOR

Siguransa i konektividadi redis di sirkulason veikular, pedestri, i di bisikleta midjoradu? Koneksons pedestri ki dja izisti na orla maritima midjoradu i/o sta disponivel novus oportunidadis di asesu a orla maritima?

RESILIENSIA I EKOLOJIA

Risku di inundasond dja sta riduzidu efetivamenti na kurtu i longu prazu? Oportunidadis di midjora ekolojia di bera mar identifikadu i inkorporadu na abordajen di resiliensia?

PRIPARASON DI LUGAR

Impaktus vizual i di sirkulason di sistema di barera kontra inundasons e minimizadu i novus oportunidadis di divirtimentu na orla maritima inkorporadu na abordajen? Abordajen di priparason di lugar sta integradu ku planus a volta i dizenvolvimentus i ta proporsiona benefisius pa kumunidadi a volta?

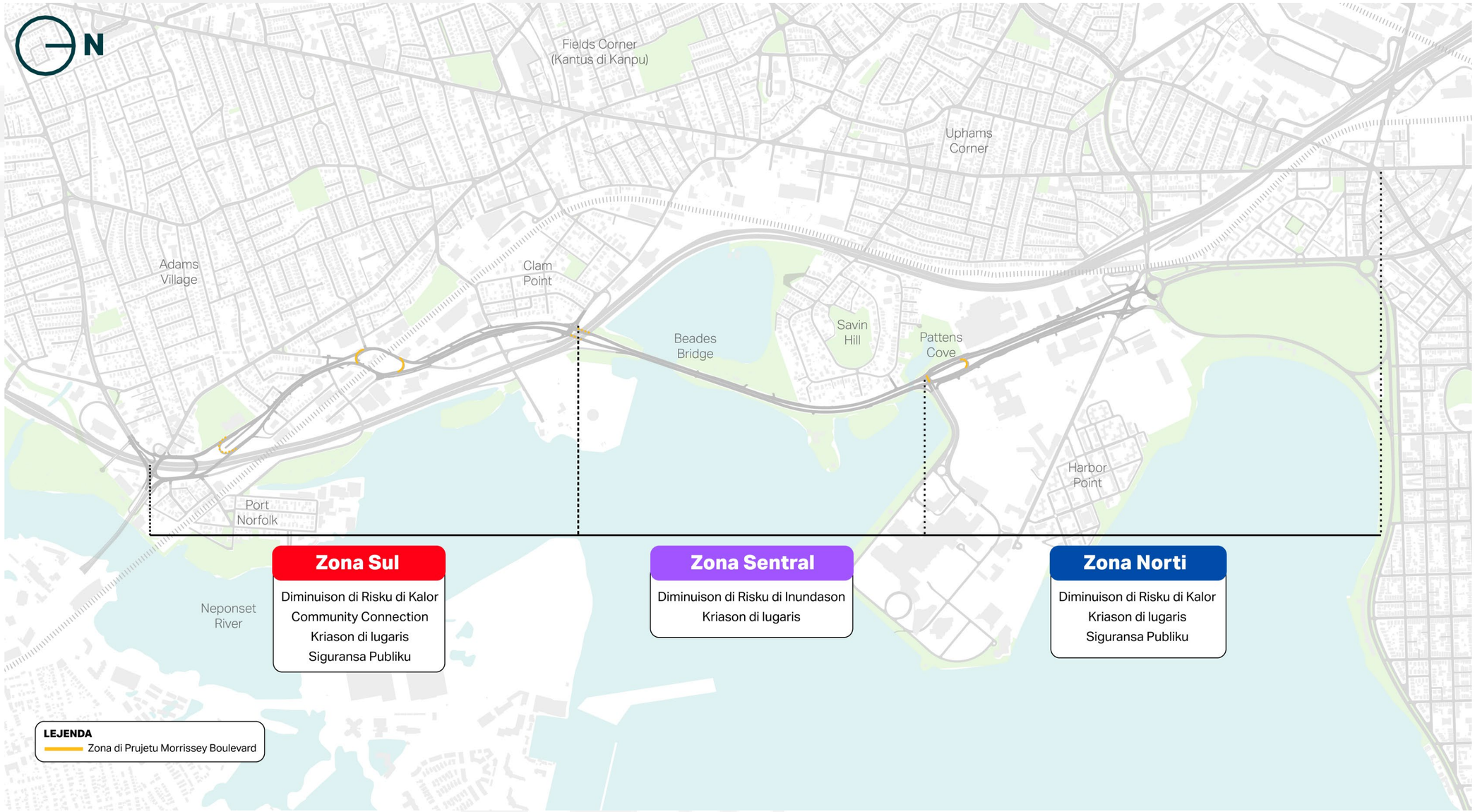
POSIBILIDADI DI KONSTRUSON

Es abordajen ta minimiza difikuldadi di konstruson, kustu i pusivel inpaktus di lisensiamentu/kronograma?

Ki inportansia ki izijensias di operasons i di manutenson ten?

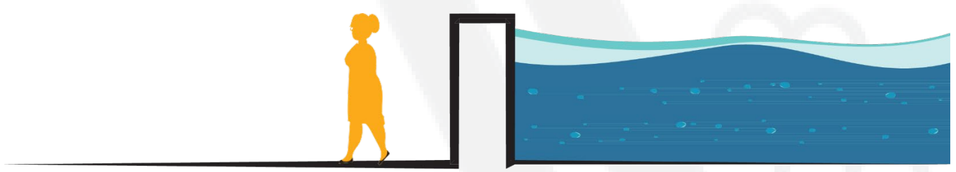
DIFINISON DI PRUJETU

ZONAS DI PRUJETU



Zona Sentral

FOKU DI PRUJETU



+

INFRASTRUTURA

MIDIDAS DI RIDUSON DI RISKU DI INUNDASON TA FAZI PARTI DI SISTEMA DI BARERA (FBS).

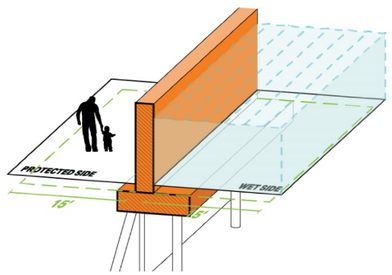
KRIASON DI LUGARIS

INTEGRASON DI SISTEMA DI BARERA DI INUNDASON NA REINU PUBLIKU PA MIDJORA EKOLOJIA, ASESU A BERA-MAR I RIKREASON.

Zona na Bera Mar

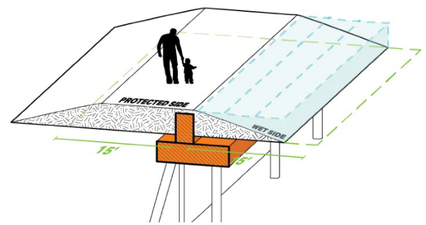
KIT DI FERAMENTAS PA DIMINUISON DI INUNDASONS NA BERA MAR| Sistema Di Barera Pa Inundason

BARERA FIXU KONTRA INUNDASONS



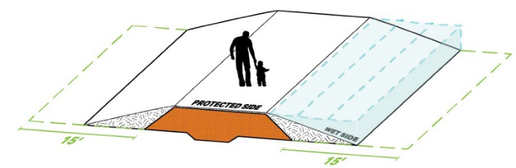
PAREDI DI INUNDASON SPOSTU

Paredi di inundason strutural pa riba nivel ki pudia prujetadu pa spodu o parsialmenti interadu.



PAREDI DI INUNDASON INTERADU

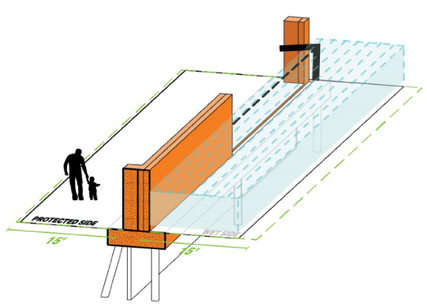
Paredi di inundason strutural interadu di baxu berma paizajistiku.



LEVEE

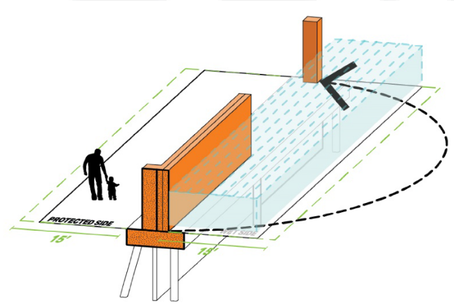
Berma prujetadu, riforsadu

DEPLOYABLE FLOOD BARRIER



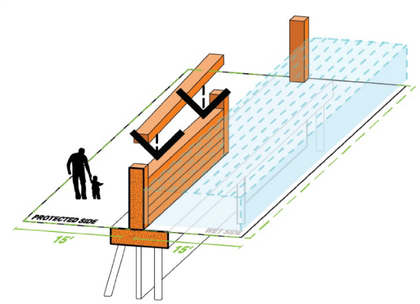
PORTON ROLLER

Porton inplantavel ki fitxadu inroladu antis pa akontesimentu di tenpestadis.



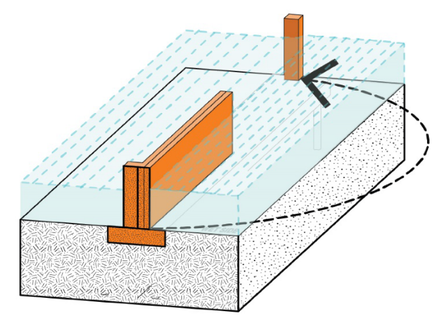
PORTON SWING

Porton inplantavel ki fitxadu pa ladu antis pa akontesimentu di tenpestadis. Pode ser porton sinplis o duplu.



RIJISTUS DI PARAJEN

Paredis disdobravel di paredis riba kunpanheru vigas metalikus podu entri kolunas ki ta podu antis di akontesimentus di tenpestadi.



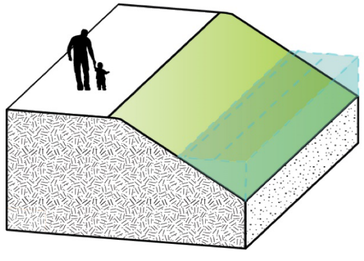
BARERA DI SURTU

Porton implantavel na agua uzadu para ivita ki tenpestadi pasa pa entrada. Porton ta fitxadu antis di akontesimentu di tenpestadis.

Zona na Bera Mar

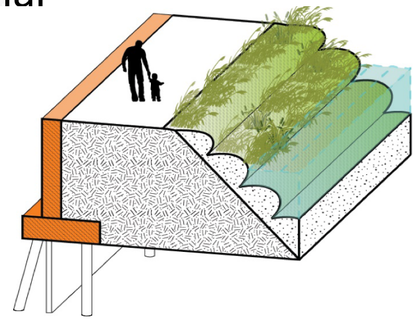
KIT DI FERAMENTAS PA DIMINUISON DI INUNDASONS NA BERA MAR

| Stabilizason, Ilevason i Restaurason di Bera Mar



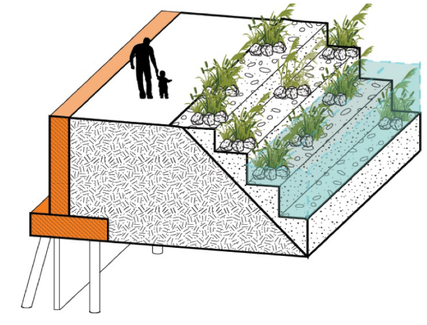
PAISAGEM BERM

Mudansa natural di elevason pa riduzi inpaktus di inundason na bera mar.



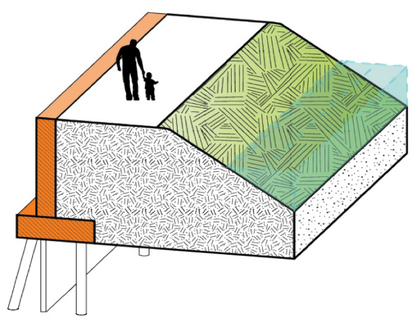
VEGETATED GEOLIFTS

Kamadas di tera konpaktadu ta stabiliza marjens i suporta stabelsimentu di vijetason na kondisons restritu.



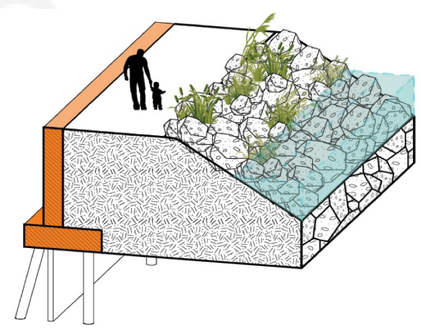
GABIONS

Gaiolas di arami maradu podi da pruteson ekolojiku benefisiu di stabilizason di bera mar na un Paredi di contenson di gravidadi permanenti.



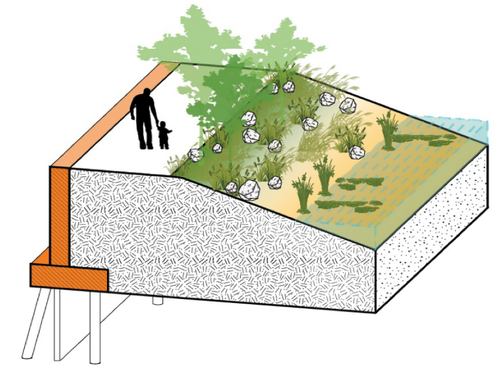
REDI DI KONTROLU DI EROSON KU SIMENTI

Rede di kontrolu di eroson ta uzadu pa stabiliza inkostas timenti ta kontisi stabilizason di vijetason.



RIPRAP

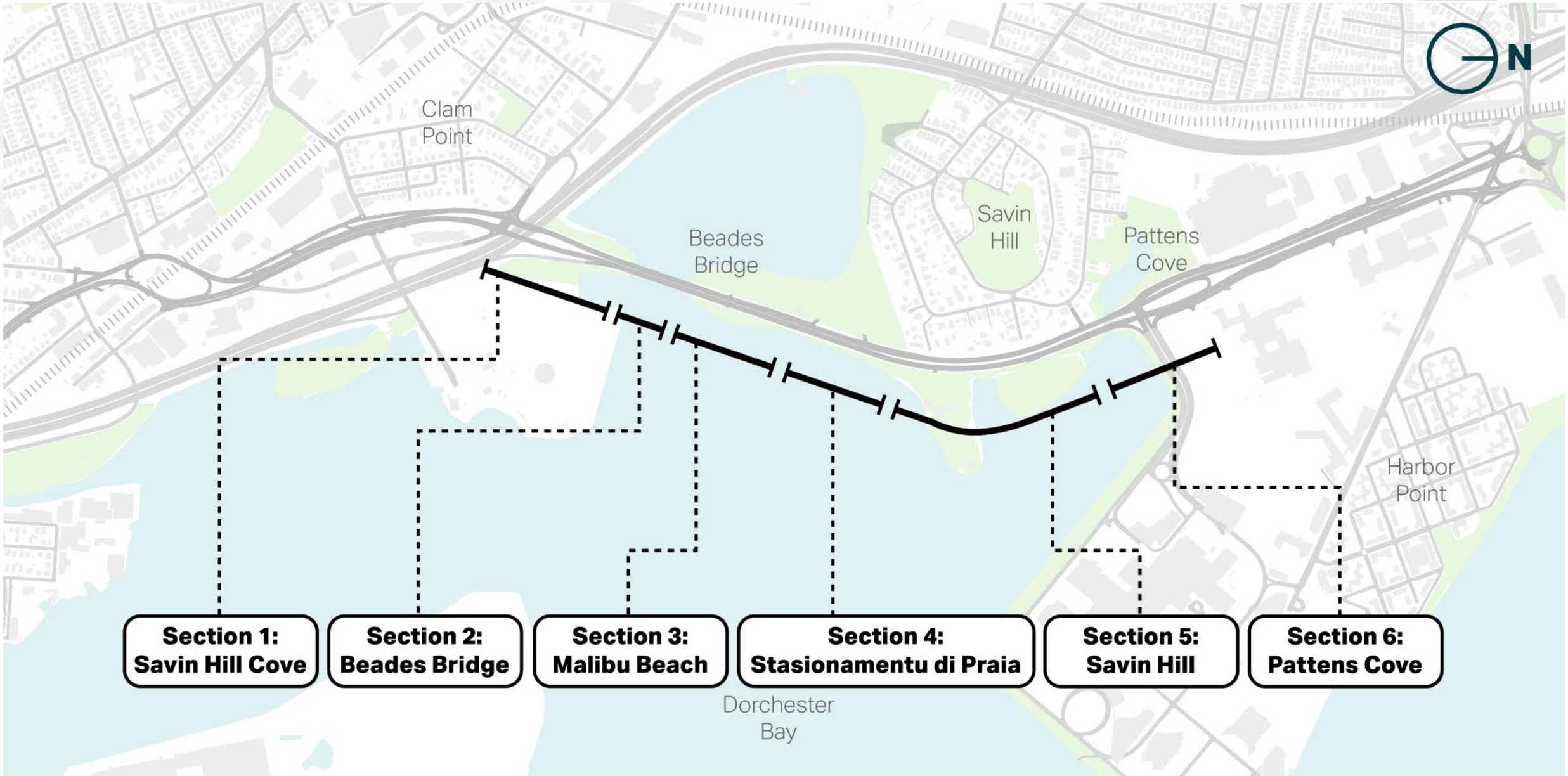
Riprap podi uzadu el so o konbinadu ku otus mididas di feramentas pa riduzi erozon o kria “skadas” pa ilevasons mas baxu.



WETLAND

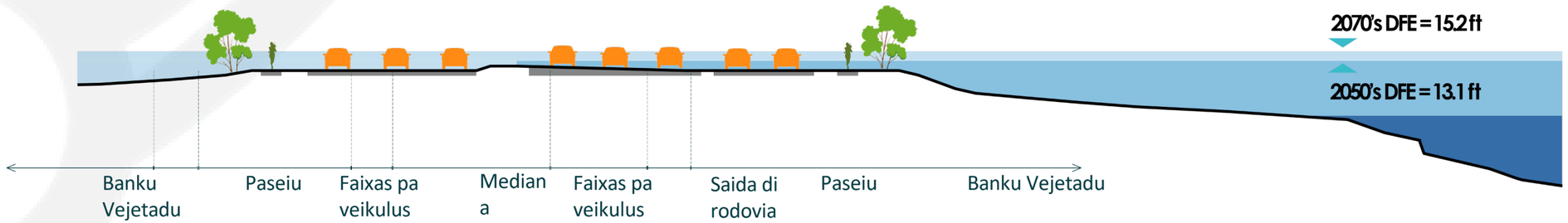
Plantason na zonas umidu, ku txeu tipos di zonas umidu i arias, ta aplikadu midjor undi spasu orizontal ta pirmiti aguas razu inkostas adjasenti na bera di agua.

Foku na Seson Sentral

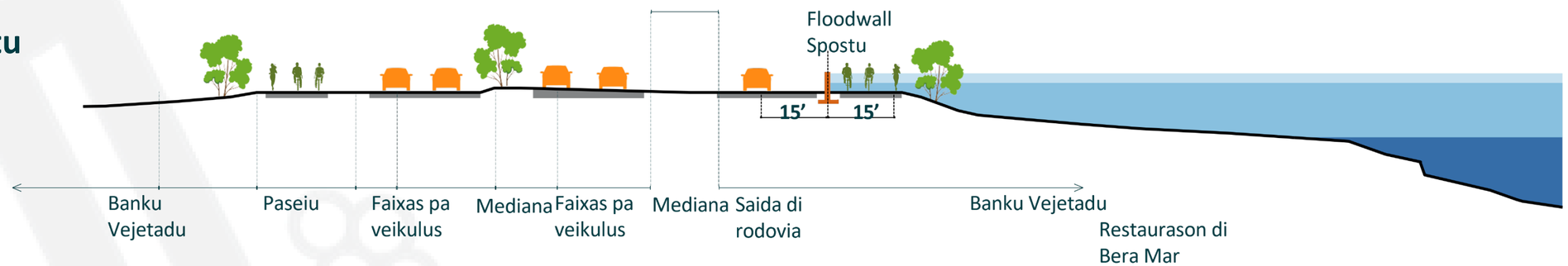


Seson 1: Savin Hill Cove

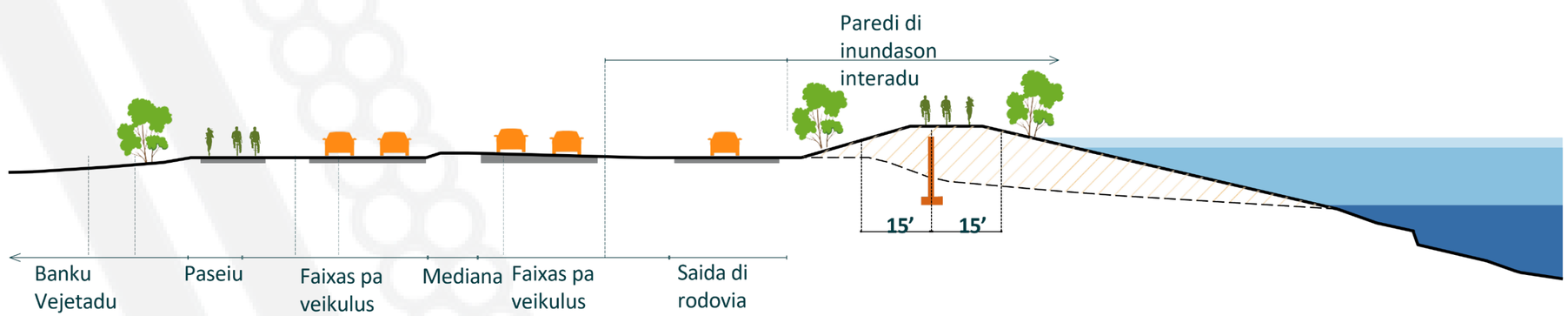
Kondisons Ki Dja Izisti



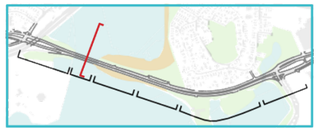
Seson A: Floodwall Spostu



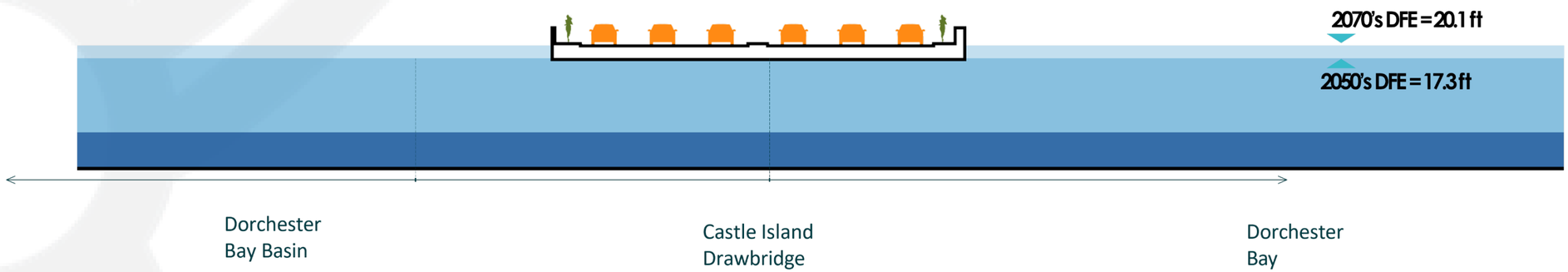
Seson B: Floodwall Interadu



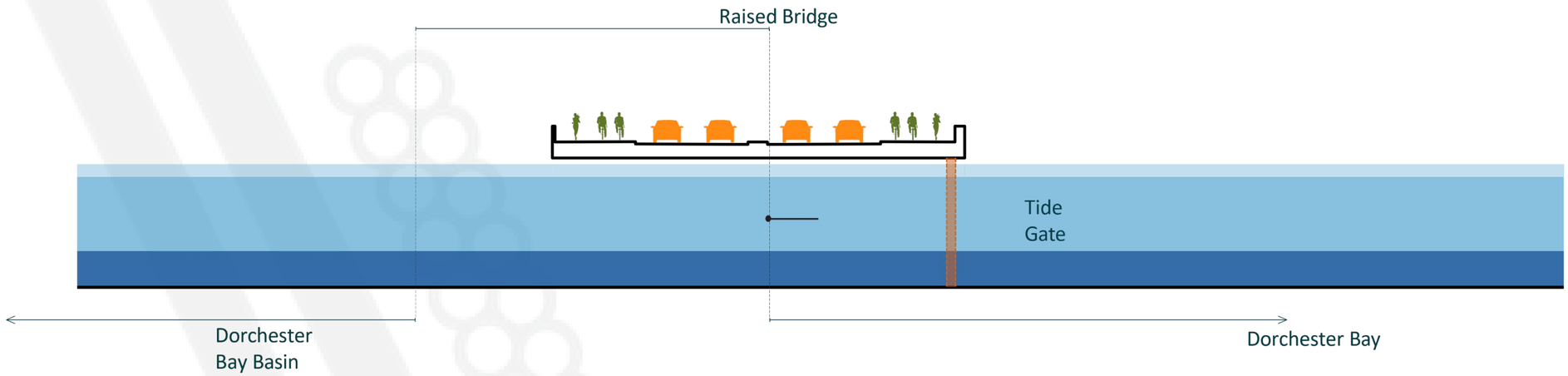
Seson 2: Beades Bridge



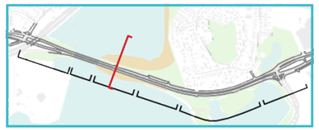
Kondisons Ki Dja Izisti



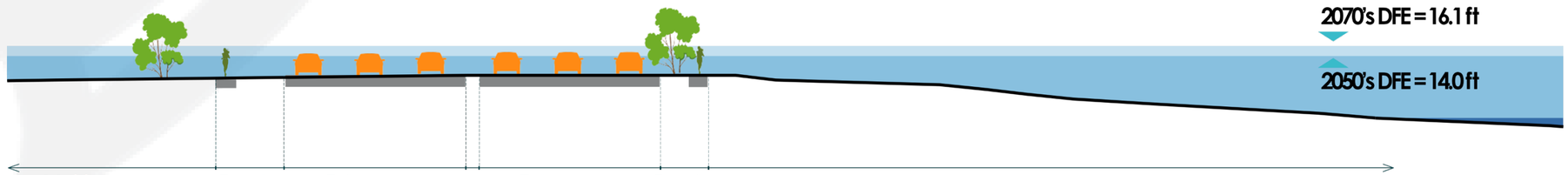
Seson A: Raised Bridge



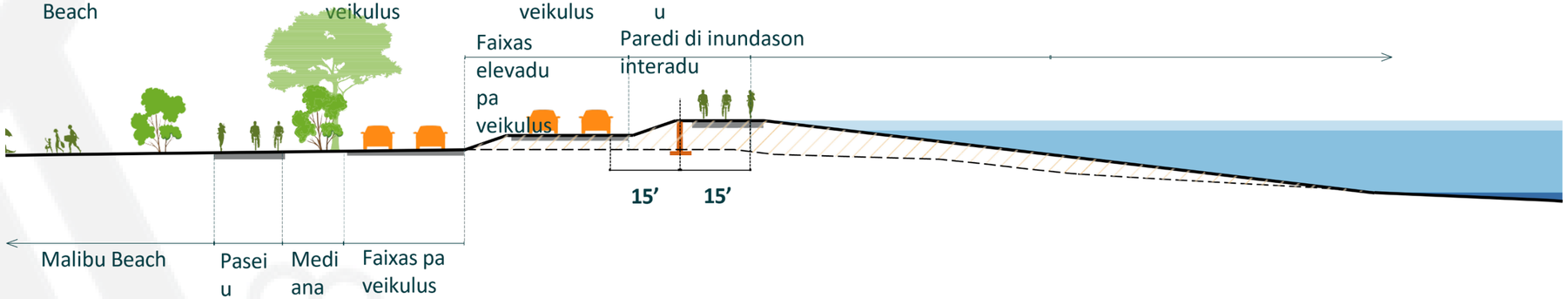
Seson 3: Malibu Beach



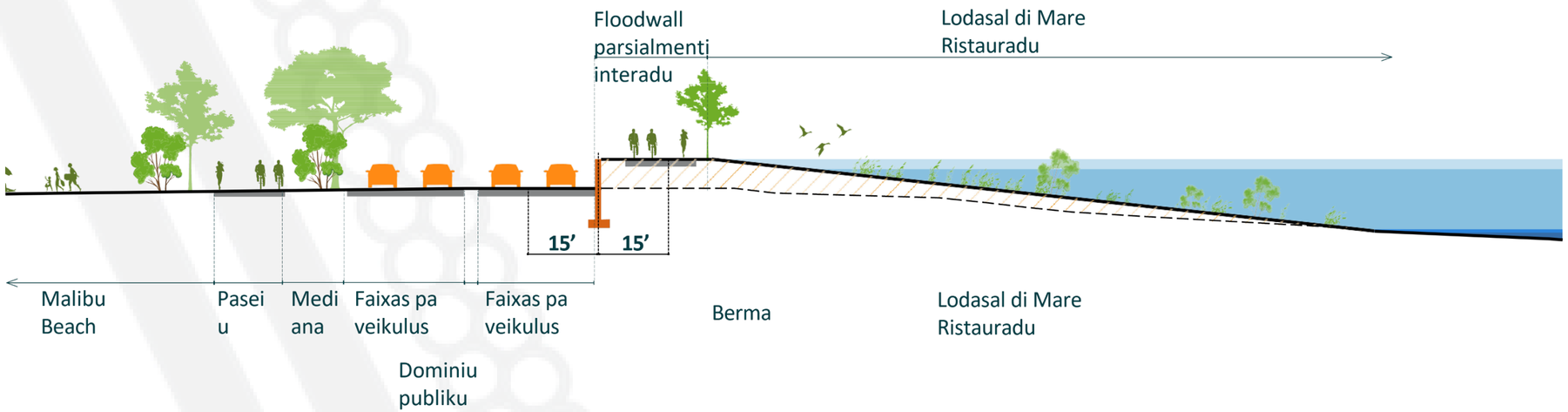
Kondisons Ki Dja Izisti



Seson A: Floodwall Interadu

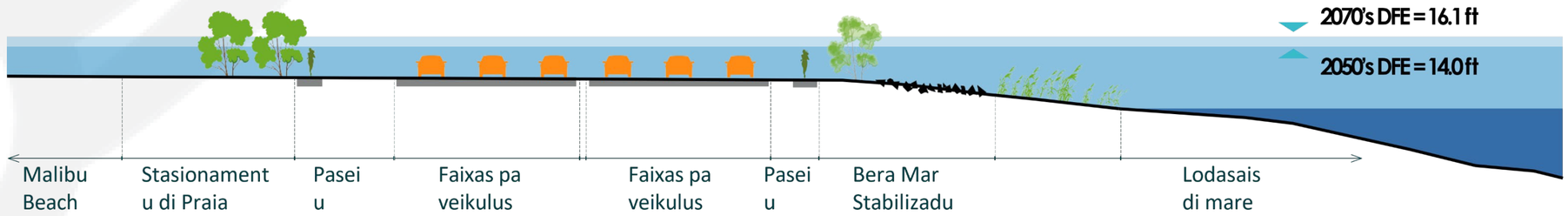


Seson B: Floodwall parsialmenti interadu



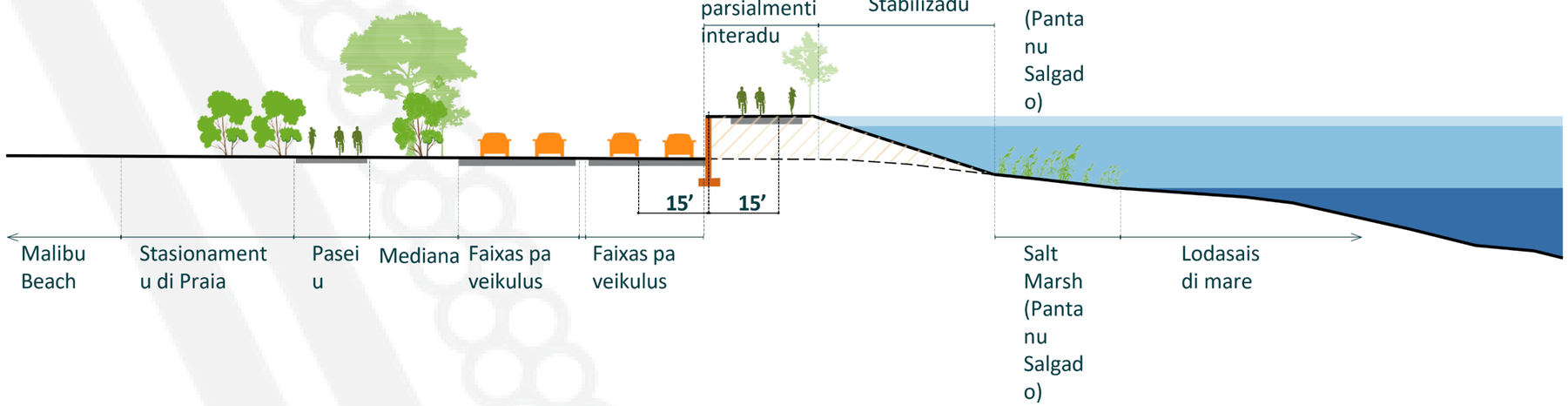
Seson 4: Beach Parking

Kondisons Ki Dja Izisti



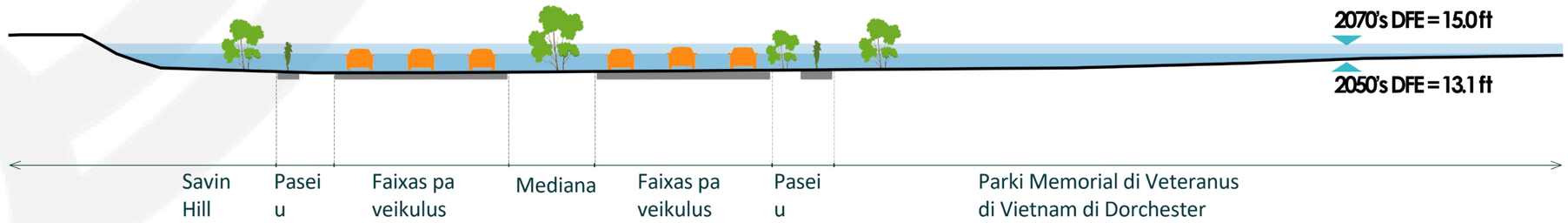
Seson A: Floodwall Interadu

Seson B: Floodwall parsialmenti interadu

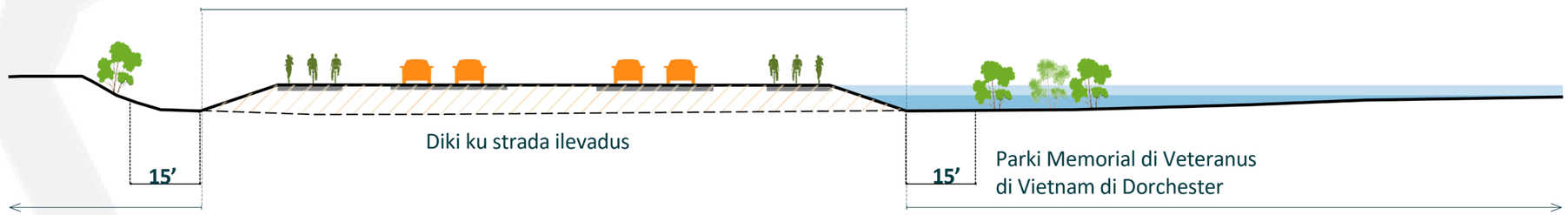


Seson 5: Savin Hill

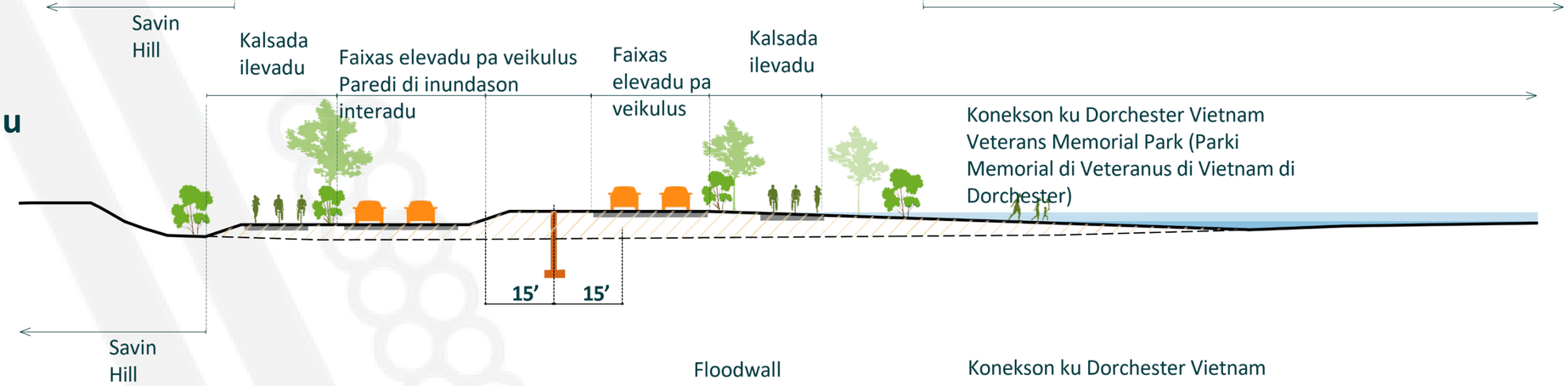
Kondisons Ki Dja Izisti



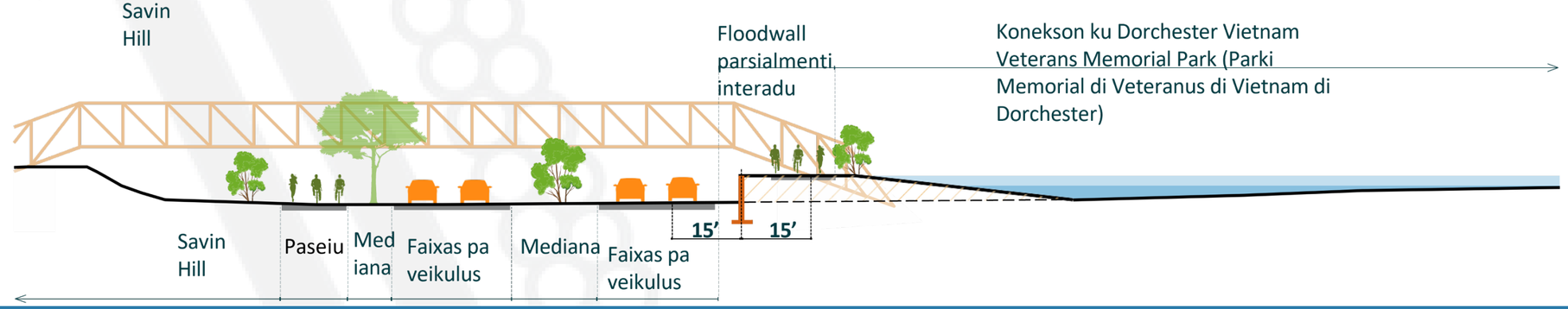
Seson A: Diki ku strada ilevadu



Seson B: Floodwall Interadu

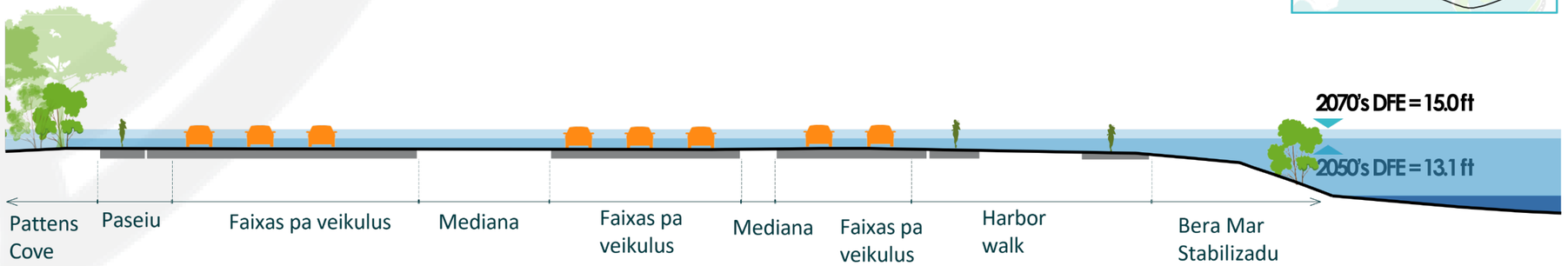


Seson C: Floodwall parsialmenti interadu

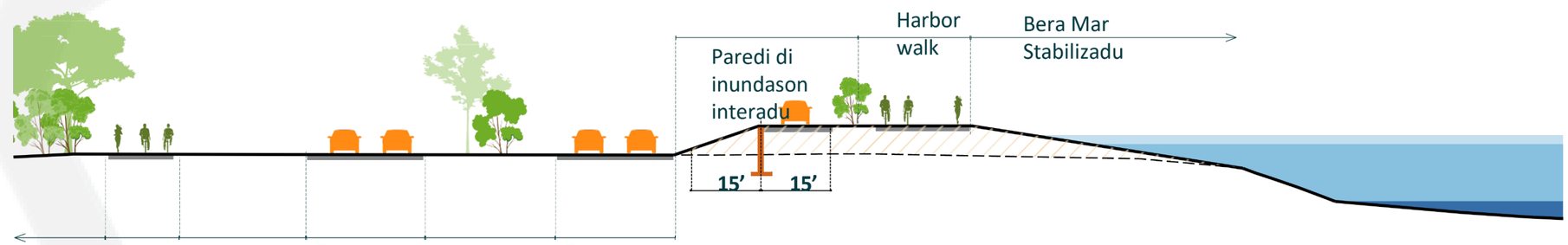


Seson 6: Pattens Cove

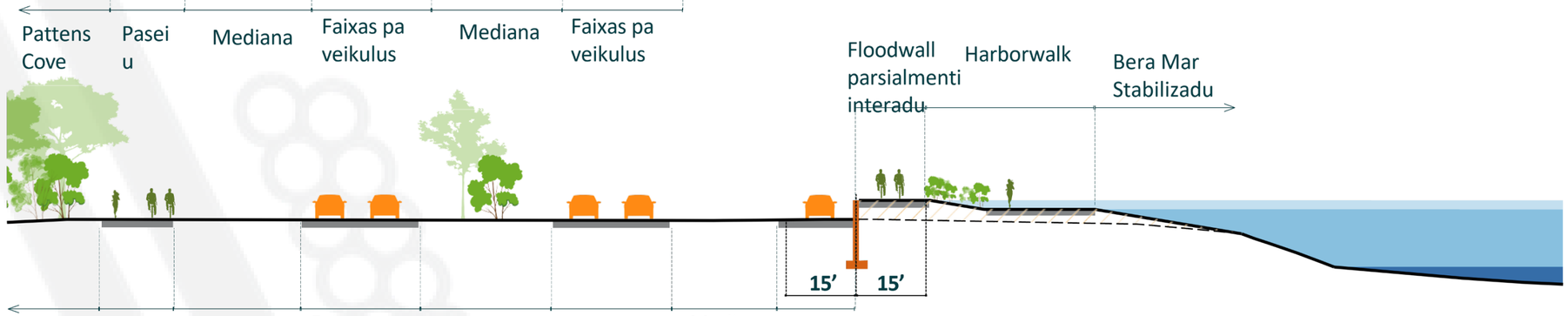
Kondisons Ki Dja Izisti



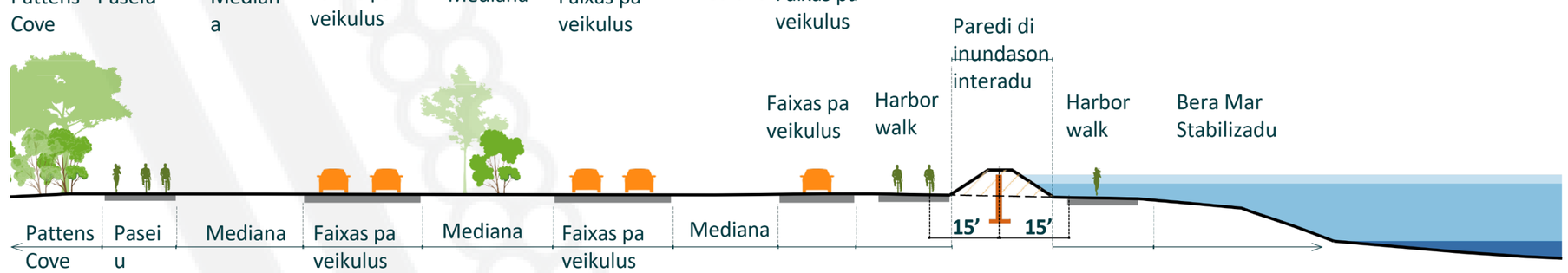
Seson A: Floodwall Interadu



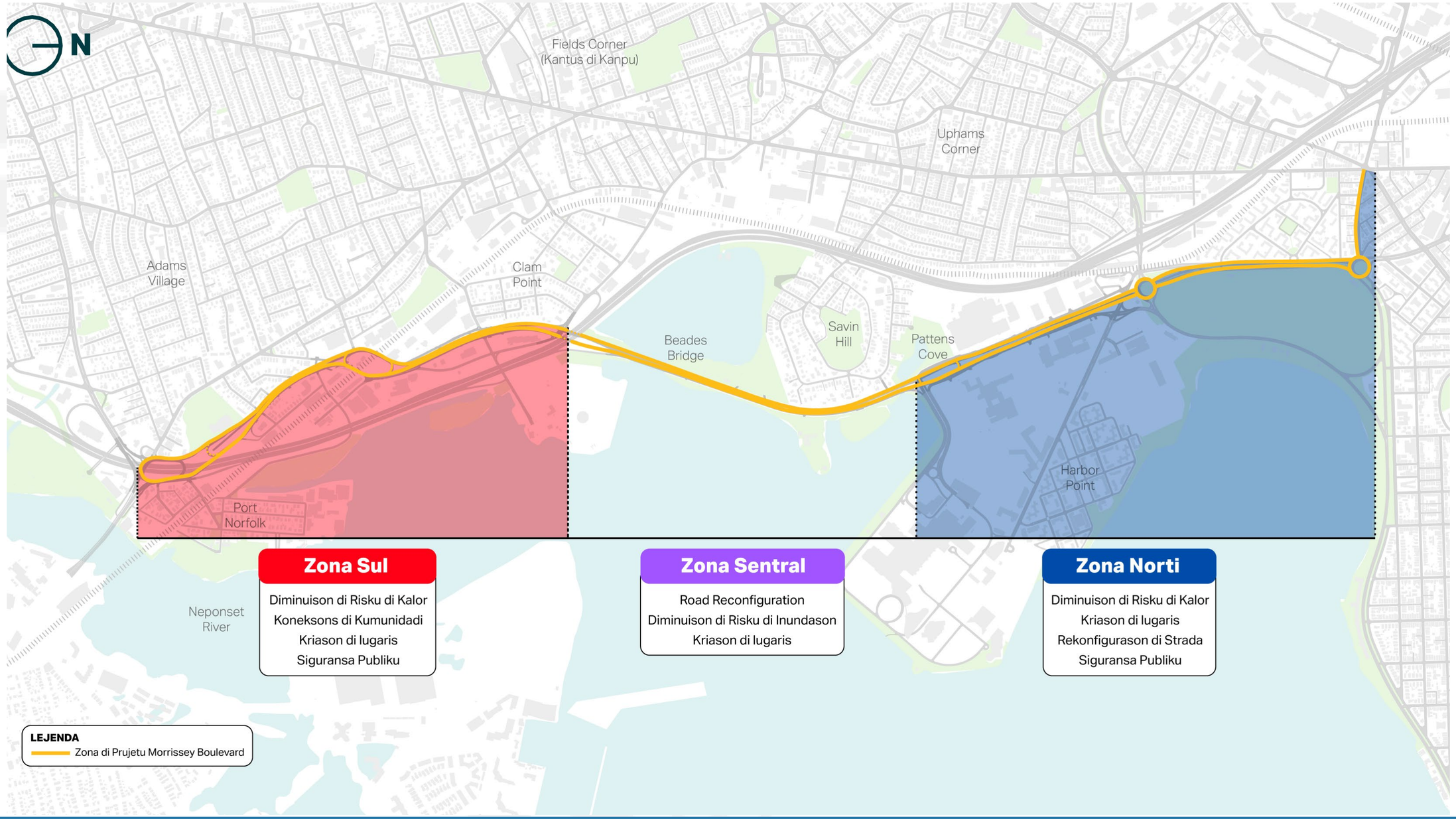
Seson B: Floodwall parsialmenti interadu



Seson C: Floodwall Interadu



Zonas Norti i Sul



Zone Norti i Sul: Abordajen di Prujetu

Priparason di lugar

- Integrason di elementus di prujetu di duminiu publiku ki midjora konektividadi, siguransa i konfortu

Zone Norti i Sul: Abordajen di Prujetu

Infrastrutura

- Integrason de infrastruturas pa riduson di txeias na spasu publiku pa panha skuamentu di agu di txuba i midjora ekolojia i konektividadi.

Zone Norti i Sul: Abordajen di Prujetu

Mitigason Anbiental

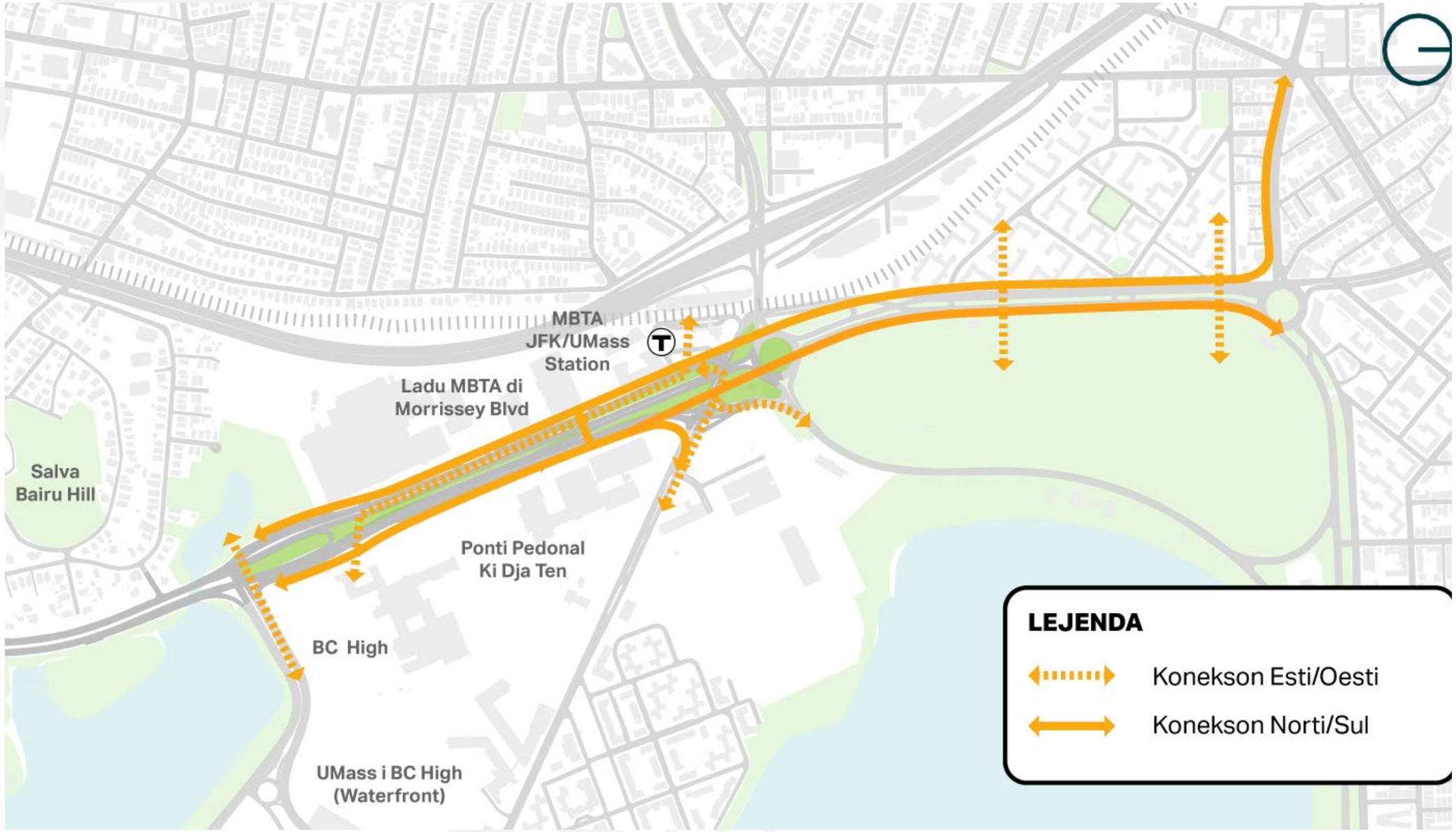
- Spandi spasus verdi pa diminui ifeitos di ilhas di kalor, midjora konfortu e kualidadi di ar i djuda na jeston di skuamentu di agu di txuba

Zonas Norti i Sul

ZONA NORTI: MIDJORA KONEKSONS I SIGURANSA

Zonas Norti i Sul

ZONA SUL: MIDJORA KONEKSONS I SIGURANSA



Kriteriu di Avaliason

Kategorias di Kriteriu di Avaliason

Mobilidadi di Koredor

Reziliencia i Ekolojia

Kriason di Lugaris

Constructability

Kriteriu di Mobilidadi di Koredor

- Total di oras di atrazu di veikulu
- Na fila
- Konfiabilidadi na tempo di viajen
- Durason di Konjestionamentu
- Asesu di veikulu a propriedadis/uzus adjasenti
- Diverson
- Asesu a tranzitu
- Spasus pa pidestris

- Nivel di konfortu di pidestri
- Konektividadi
- Nivel di stress na tranzitu di biskileta
- Riduson di asidentis
- Interseson LOS

Kriterius di Reziliencia i Ekolojia

- Inpaktus na rikursus anbiental
- Inundasons na bera mar
- Akontesimentus di aguas pluvial
- Riduson di ondas
- Superfisie a prova di agua

Kriterius di Kriason di Lugaris

- Kriason di lugaris / Spasu abertu
- Ifeitus vizual
- Konsistensia ku planus
- Pirturbason na bairu
- Asesu a lazer
- Efeitus di Ilha di Kalor

Kriterius di Konstrutibilidadi

- Kustu di Konstruson
- Konstrutibilidadi
- Manutenson
- Konplexidadi di lisensiamentu anbiental

Ajenda

Outonu 2023

- Kumesu
- Kondisons Ki Dja Izisti
- Primeru Reunion di Komison

Reunions di invernu 2023/24

- Dizenvolvimentu di Alternativas
- Analizis di Alternativas
- Dos reunions di Komison

Primavera/Veron 2024

- Rilatoriu Final
- Prujetu Preliminar
- Ultimu Reunion di Komison

Involvimentu Publiku

Diskuson di Komison

Kumentariu Publiku

Partilha Bus Purguntas i Kumentarius: Prusesu di reunion ibridu

- Moderadoris Pesoal i Virtual ta bai trabadja djuntu pa garanti ma partisipantis na tudu spasus podi partilha ses purguntas i kumentarius
- Moderadoris ta bai obi alguns kumentarius di kada bes na un spasu I dipos muda duranti periodu di kumentariu publiku
- Si varius pesoas fazi mesmu purgunta, moderadoris ta bai informa audiensia kantu alguen ki fazi purgunta i rispondi purgunta un bes

Sabi ma tudu Q&A i kumentarius sta sujeitt a partilhadu na rijistus publiku, pur isu uza es funsons so pa nigosius rilasionadu ku prujetu.

Partilha Bus Purguntas i Kumentarius: Partisipantis Virtual

- Poi bus purguntas i kumentarius ku boton Q&A (Alt+H)
- “Labanta bu mo” pa tradu di mute pa fazi ipurguntas verbal, (Alt + Y pa labanta bu mo)
- Favor poi bu nomi antis di bu purgunta
- Favor partilha so un 1 purgunta o kumentarius di kada bes, limitadu a 2 minotu, pa dexa otus partisipa.
- Pa fazi un purgunta via tilifoni, dijita *9 i moderator ta bai txoma ultimus 4-dijitu di bu numeru di tilifoni i tra mute ddi bus om oras ki txiga bu bes.

Sabi ma tudu Q&A i kumentarius podi divulgadu na rijistus publiku, pur isu uza es funsons so pa nigosius rilasionadu ku prujetu.

Partilha Bus Purguntas i Kumentarius: Partisipantis Prezensial

- Uza Mikrofoni ki dadu i favor alinhas ti tres (3) di un bes pa ki partisipantis virtual podi partisipa
- Favor poi bu nomi antis di bu purgunta
- Favor partilha so un **1** purgunta o kumentarius di kada bes, limitadu a **2** minotu, pa dexa otus partisipa.

Sabi ma tudu Q&A i kumentarius podi divulgadu na rijistus publiku

Manera di Kontaktanu

Manda kumentarius skritu pa:

Attention: Office of Transportation Planning
10 Park Plaza, Suite 4150
Boston, MA 02116

Manda kumentarius pa email:
planning@dot.state.ma.us

Pa information di prujetu, vizita site di studu na:
https://www.mass.gov/k-circle-morrissey-study o QR Code:

Kodigu QR di Site di Studu

Obrigadu!