

Byenveni!



THE UNDERLINE PHASE 3

PUBLIC MEETING CYCLE #3- OCTOBER 10 AND 11, 2023

PRESENTED BY

MIAMI-DADE COUNTY DEPARTMENT OF
TRANSPORTATION AND PUBLIC WORKS (DTPW)

Ajanda

Direktiv Reyinyon yo

Entwodiksyon

Prezantasyon Konsepsyon ak Konstrikasyon

Sesyon Kesyon ak Repons

Afichaj Konsepsyon Final la

Direktiv

Nan yon efò pou kenbe yon fowòm ki sekiritè e respektab, nou mande patisipan yo pou yo respekte direktiv annapre yo pandan pòsyon kesyon ak repons ki mansyone a.

- Itilize yon kat endèks pou w ekri kesyon w lan.
- Pase li bay yon volontè.
- Nou va seleksyone kesyon ak kòmantè yo pou diskisyon apre prezantasyon an.

Byenveni

Meg Daly

Fondatè / PDG Friends of The Underline

Byenveni

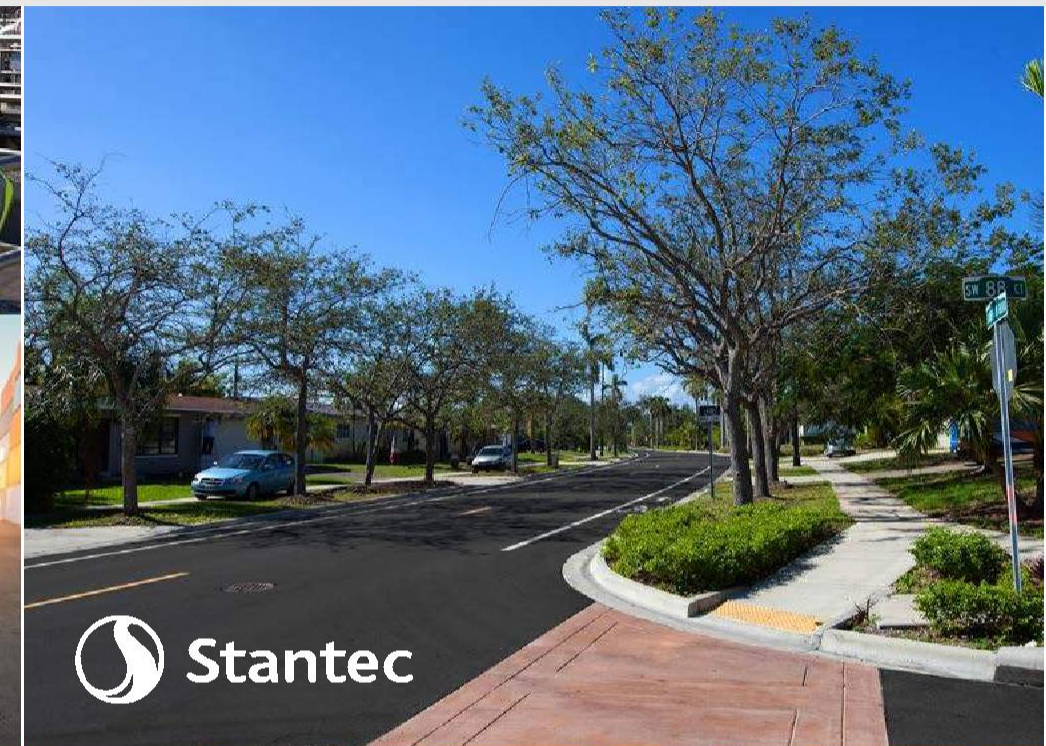
Irene Hegedus

Chèf Amelyorasyon Transpò + Pwojè Espesyal
Depatman Transpò ak
Travo Piblik Konte Miami-Dade

Antrepriz Konsepsyon-Konstriksiyon Konjwen



Ekip Konsepsyon e Jeni



**The Underline is transforming
the land below Miami's
Metrorail into a 10-mile linear
park, urban trail, and public art
destination.**

3 priyorite Prensipal pou Underline lan:

- transpò multimodal sekirite
- lanati
- kominote

Brickell



9
.60

15
.30

The Underline





Lanati: vejetyasyon natif natal enspire nan kominote plant lokal nan Sid Florid yo.



Kominote: konekte moun avèk anviwònman yo epi moun youn ak lòt.

Poukisa nou isit la?

PHASE 3

7.36 miles

SW 19 Avenue to Dadeland Boulevard

PHASE 1-2

2.5 miles

Brickell Station

Vizcaya Station

Coconut Grove Station

Douglas Road Station

University Station

South Miami Station

Dadeland North Station

Dadeland South Station

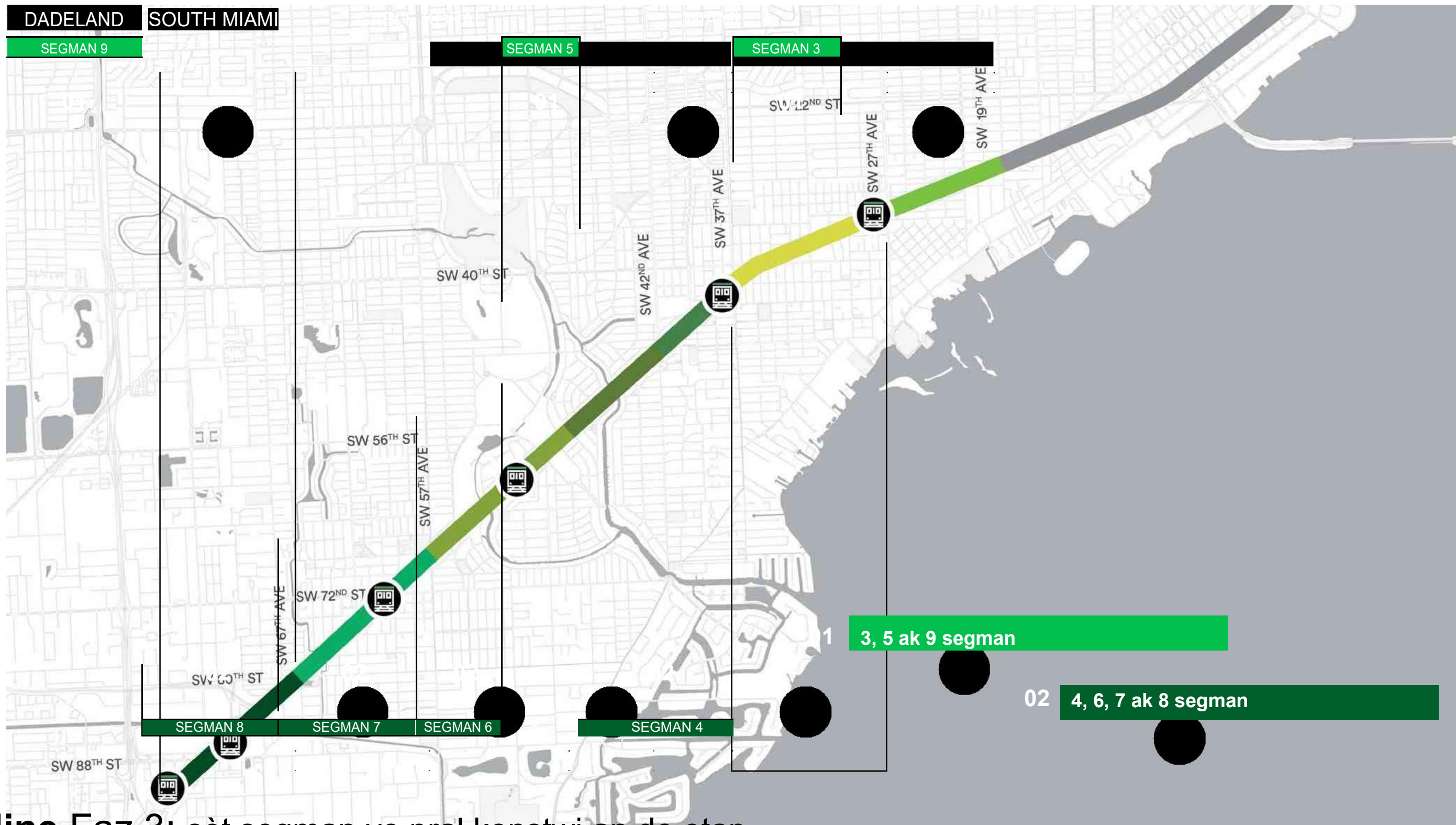
Nou te kòmanse Faz
3 Konsepsyon an
desanm 2022 e
nou pare pou
konstriksyon!

DADELAND SOUTH MIAMI

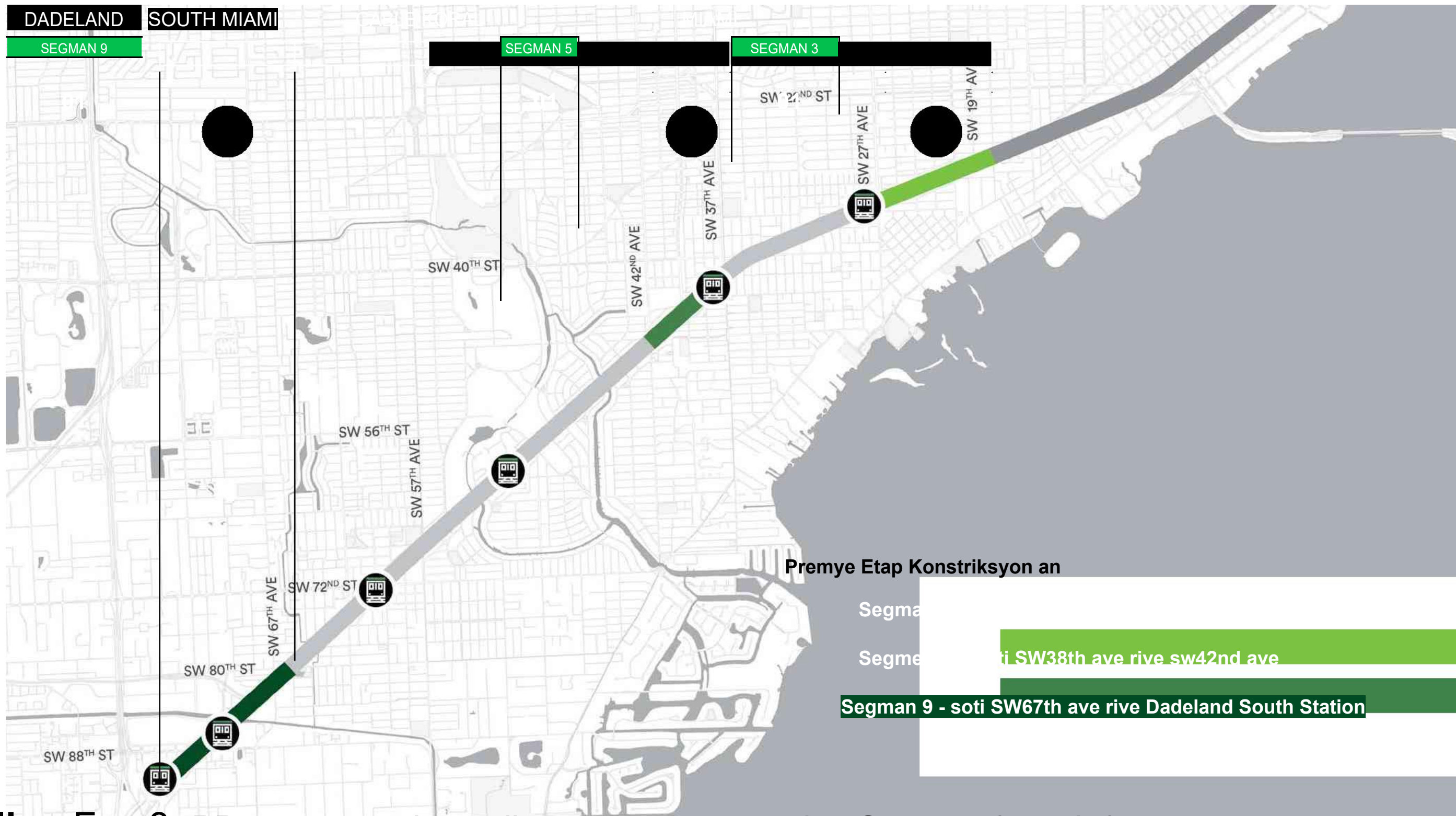
SEGMAN 9

SEGMAN 5

SEGMAN 3



Underline Faz 3: sèt segman yo pral konstwi an de etap



Underline Faz 3: PPremye etap konstriksyon an ap gen ladan Segman 3, 5 ak 9

Twa seri reyinyon piblik an total:

- 1: odisyon (fini an desanm 2022)
2. premye ide yo (fini an me / jen 2023)
- 3: enfòmasyon final sou konsepsyon ak konstriksyon pou segman 3, 5 ak 9 (jodi a!)



BOARD 5: WHAT ELSE?

Give us your feedback on priorities, opportunities, constraints and concerns for Phase 3.

PHASE 3
V 19 Avenue to Dadeland

making the general pathways skateboard and rollerskate friendly

Impact reducing surfaces
Elevation changes hills
Clear glass separator between us1 and underline for a section

...parking lot between library and city hall can be enhanced to be a great public space for special events, also places to read with wifi, with seating

...Bicycle safety and flow. Overpasses work for bicycles.

Pickleball in Dadeland please

...connection to ludlam trail thru 70th ave please!

...also there is a street that terminates on the underline to the west by somi hospital, opportunity for public area

...Reduced turn radii

No turn on red ...

Refugees for crossings ...

South Florida has a great need for concrete skateparks!!! skateparks bring in diverse demographics and a lot of traffic

Safety of pedestrians and bikers

Safety

...Safety

...believe there is little clearance for bridge at somi metro rail station, better to cross at grade

...safe crossings to our somi main street, thanks, diagonal crosswalk at south miami station to red rd and sunset place

Overpasses will be safest solution to crossing safely while still allowing car traffic turns without delay.

Univ...

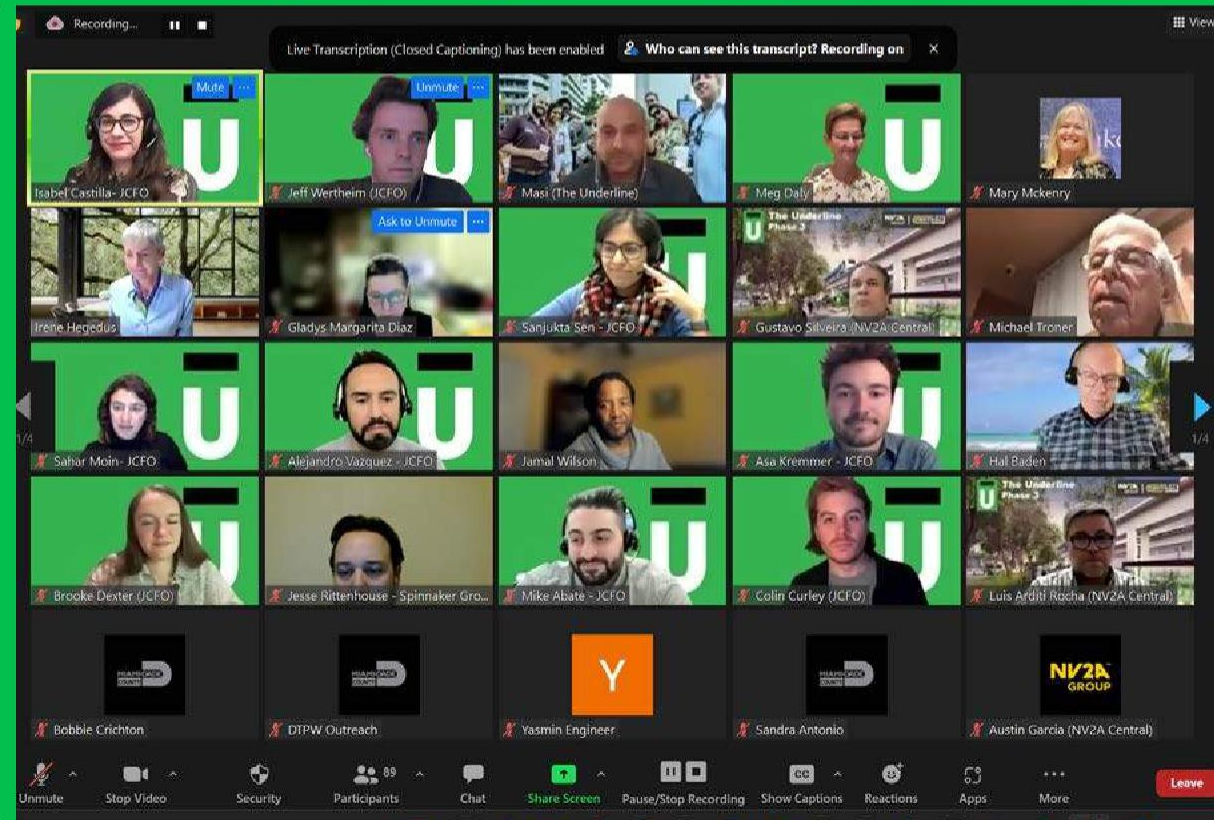
Cocunut Grove Station

Douglas Road Station

South Miami

Dadeland So

The Underline



Te gen twa reyinyon piblik ki te fèt nan mwa desanm 2022.



Te gen twa reyinyon piblik nan mwa me/jen 2023.

Sa ou te di nou sou Faz 3 a.

Tèm esansyèl pou faz 3 Underline lan:

- **yon koridò iben a pwofil anviwònmanal**
- **aktive avèk aktivite atistik ak kiltirèl entèaktif**
- **ki gen ladan zòn pou egzèsis fizik ak espò**
- **avèk eksperyans alimantè**
- **bay priyorite a sekirite**

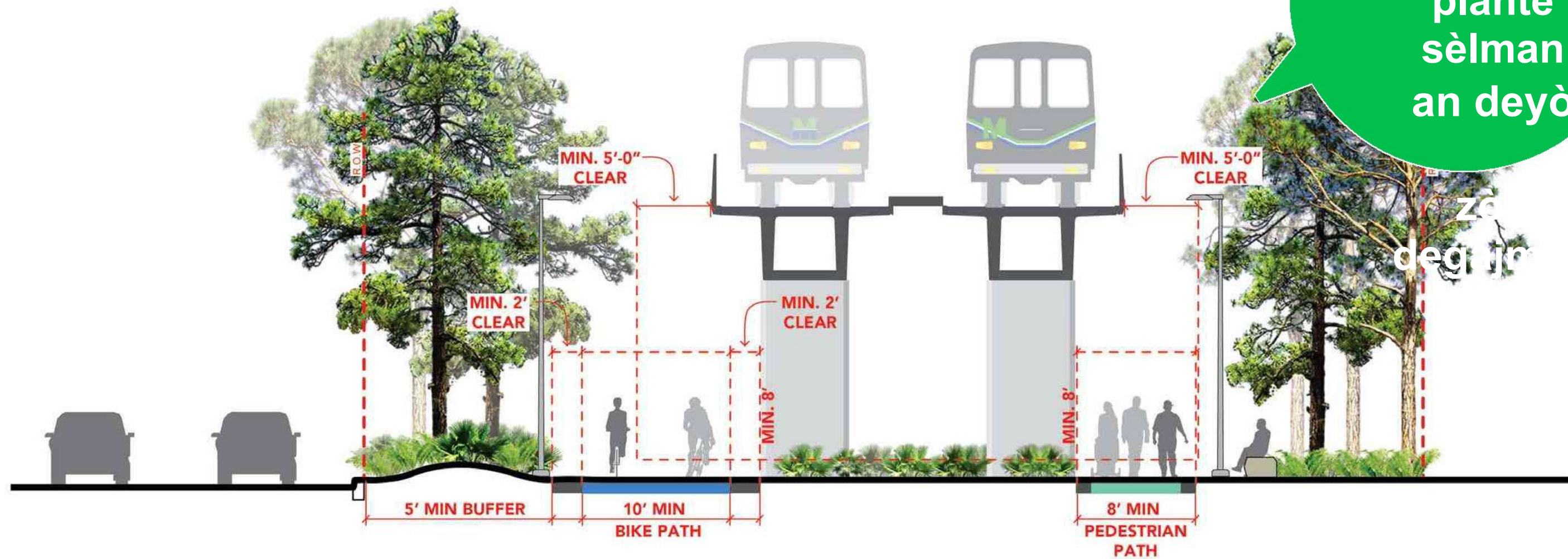
DADELAND SOUTH MIAMI

SEGMAN 9	SEGMAN 8	SEGMAN 7	SEGMAN 6	SEGMAN 5	SEGMAN 4	SEGMAN 3
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Santyr ak Entèseksyon: santye espesyal pou bisiklèt ak yon santye pou pyeton ak 25 entèseksyon amelyore

Pyebwa
kapab
plante
sèlman
an deyò



zò
degajr

ADJACENT
ROADWAY

DEDICATED OFF-ROAD
TWO-WAY BICYCLE PATH
W/ PAVED SHOULDERS

DEDICATED PED PATH
W/ PAVED SHOULDERS

ADJACENCY VARIES
(ROADWAY, COMMERCIAL
OR RESIDENTIAL)



zòn absòbsyon plante sou US-1

santye pou pyeton

santye pou bisiklèt

2'

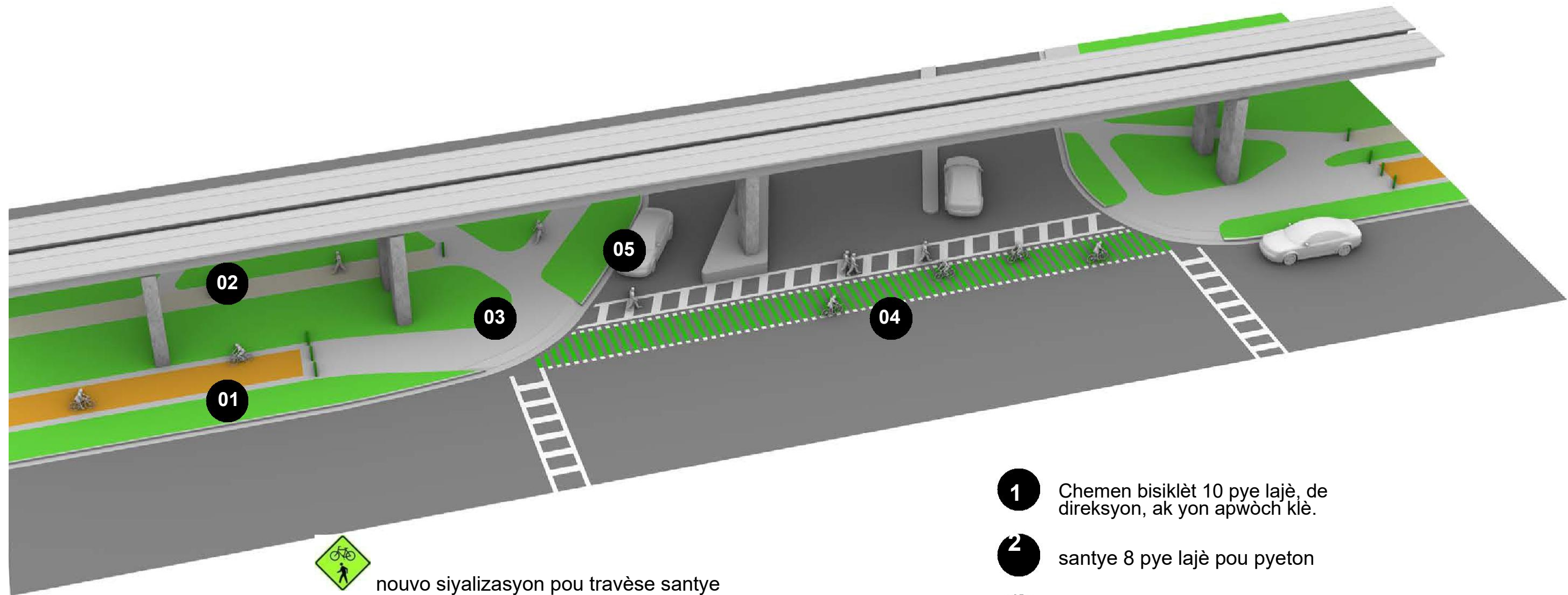
10'

2'

Santye Bisiklèt: yon santye pou bisiklèt, de direksyon, 10 pye lajè avèk yon zòn absòsyon avèk plant minimòm 5 pye sou tout US-1



Santye pyeton: yon santye 8 pye lajè pou pyeton avèk zòn pou moun chita



nouvo siyalizasyon pou travèse santye



3 a 5 segonn entèval pyeton/bisiklèt ki alatèt

1

Chemen bisiklèt 10 pye lajè, de direksyon, ak yon apwòch klè.

2

santye 8 pye lajè pou pyeton

3

plaza entèseksyon avèk anpil espas atant

4

pasaj pou pyeton ak bisiklèt ki ale tou dwat

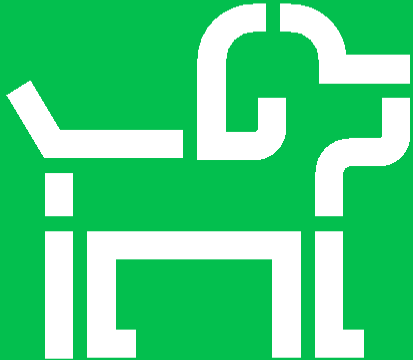
5

twotwa a soti nan wout la avèk yon zòn absòbsyon plante

Entèseksyon: Amelyorasyon yo pwopoze sou SW 22nd Avenue



Underline Faz 3: 12 nouvo espas kominotè

A- GROVE GALLERY 	B- THE UNDERLINE PLAZA 	C- BARK PARK 	D- SAL EGZÈSIS FIZIK 
E- WATER BALCONY * * Alavni, va gen ladan yon lansman kayak nan yon pwojè PROS. 	F - RAIN GARDENS 	G - STORMWATER PONDS 	H- PINELAND COURTS 
I- ROCK RIDGE PLAZA 	J- THE U SKATE PARK**  ** Espas ki ap tann finansman	K- PLAY FOREST 	L- BUTTERFLY GARDENS 

A- GROVE GALLERY



B- THE UNDERLINE PLAZA



C- BARK PARK



D- SAL EGZÈSIS FIZIK



E- WATER BALCONY *



* Alavni, va gen ladan yon lansman kayak nan yon pw...

F - RAIN GARDENS



G - STORMWATER PONDS



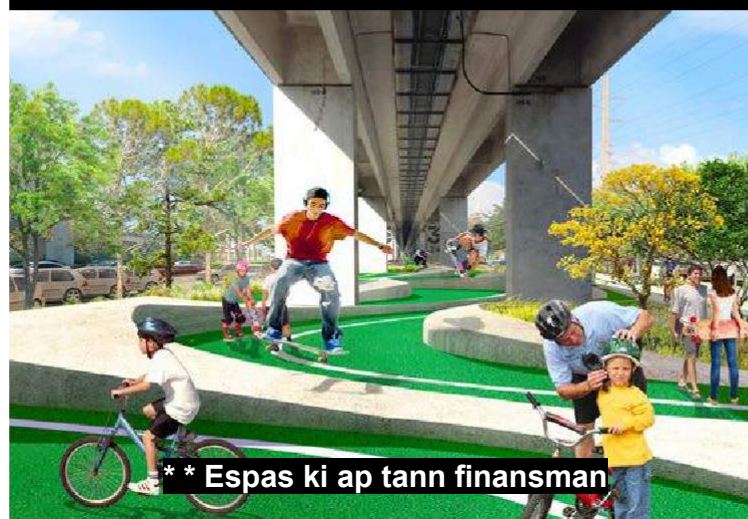
H- PINELAND COURTS



I- ROCK RIDGE PLAZA



J- THE U SKATE PARK**



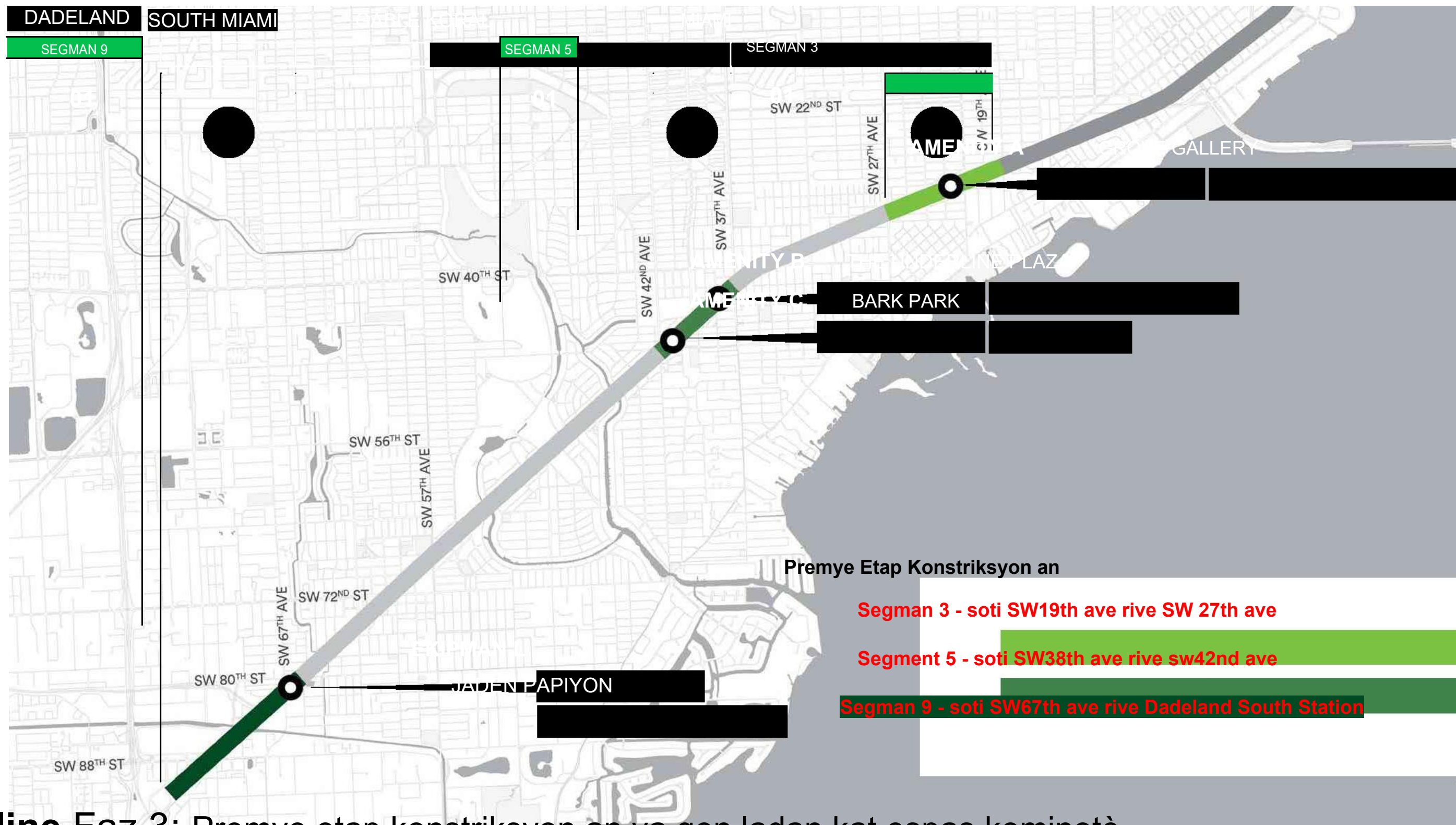
** Espas ki ap tann finansman

K- PLAY FOREST



L- BUTTERFLY GARDENS





Underline Faz 3: Premye etap konstriksyon an va gen ladan kat espas kominotè

A- GROVE GALLERY



B- THE UNDERLINE PLAZA

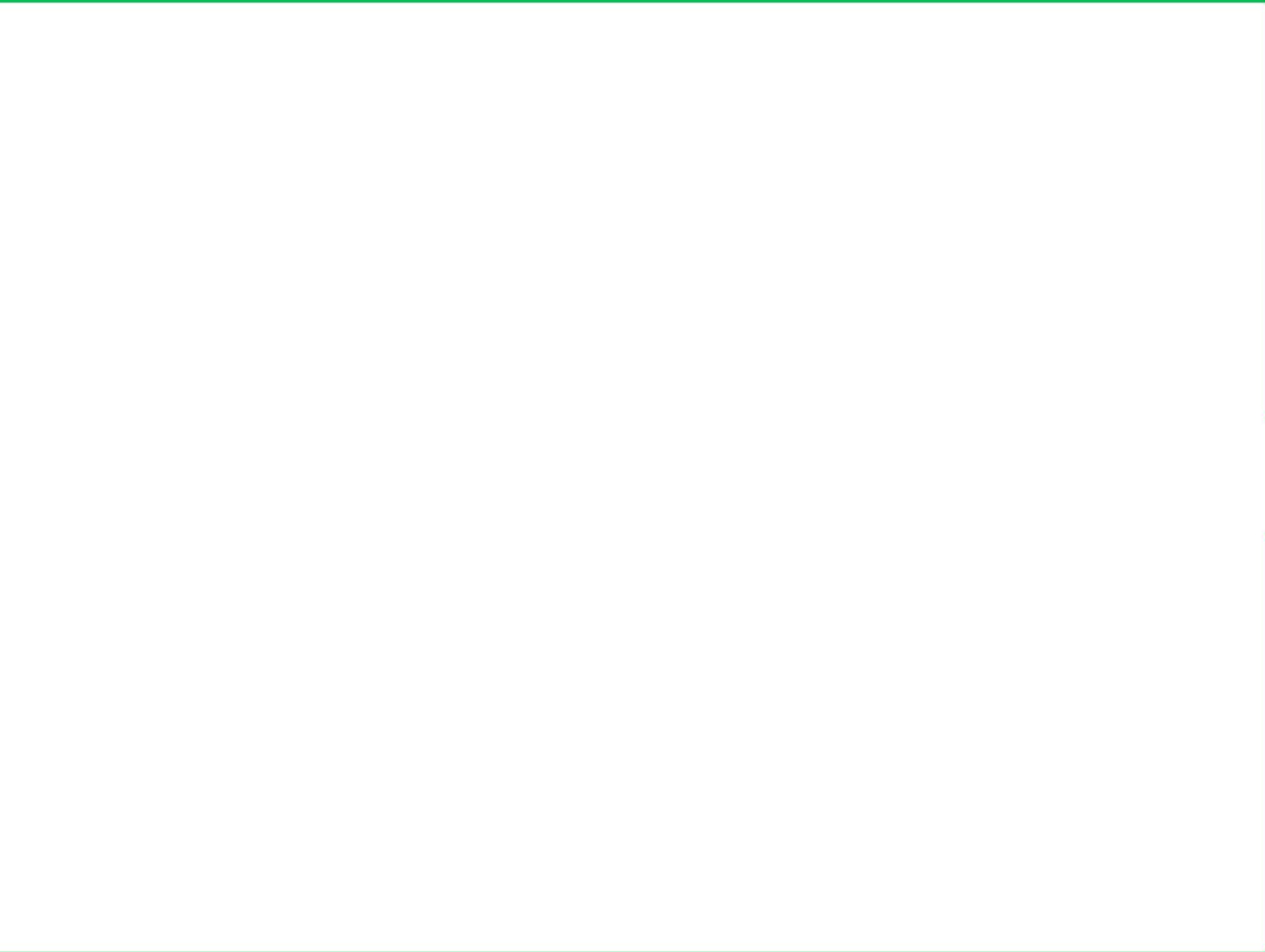


C- BARK PARK



L- BUTTERFLY GARDENS





Faz 1 Brickell Backyard - Anvan



Faz 1 Brickell Backyard - Apre

Plantezon: kreye yon nouvo koridò ekolojik iben

Underline faz 3

Objektif prensipal plantezon an gen ladan:

#1

prezèvasyon kouvèti vejetal ki deja egziste e an sante +
yon nouvo kouvèti vejetal

#2

re-entwodiksyon kominote plant natif natal

#3

amelyore rezilyans sit la avèk byoretansyon
ak jaden nan bafon ki sèvi ak dlo lapli

#4

sipòte fonksyon ekolojik yo avèk nouvo abita

Lè li fini, Underline faz 3 a ap gen
ladan 3,960 pye bwa ak palm!

- 1,688 ap gen pou rete an plas
- 472 va relokalize sou plas
- 1,800 nouvo pyebwa ak palm

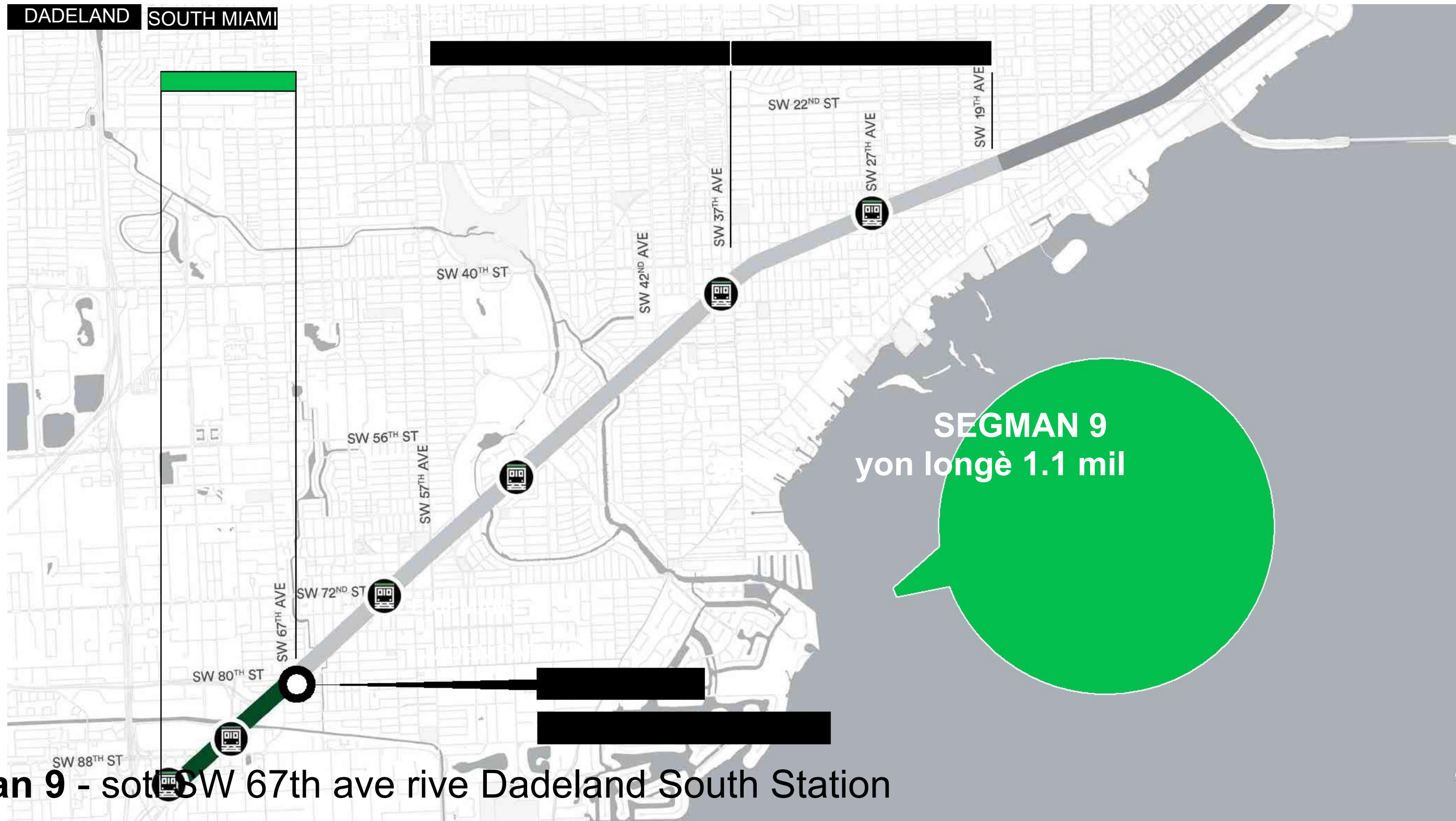
Ogmante pyebwa ak palm pa 62.5%!



Plantezon: De estrateji pou kreyasyon yon nouvo koridò ekolojik iben

Segman 9

Jesyon Pyebwa ak Estrateji Plantezon



SEGMAN 9
yon longè 1.1 mil

Segman 9 - sot SW 67th ave rive Dadeland South Station

KONDISYON KI EKZISTE

349 PYEBWA



KONDISYON PWOPoze

543 PYEBWA (56% OGMANTASYON)

- 264 PYEBWA KI VA RETE
- 76 PYEBWA KI VA RELOKALIZE
- 9 PYEBWA KE YO DWE RETIRE



- 264 PYEBWA KI VA RETE
- 76 PYEBWA KI RELOKALIZE



Yo p ap retire okenn echantiyon pyebwa.

2 mouri, entèdi oubyen pa an sante.

7 an konfli avèk eleman konsepsyon

- 203 NOUVO PYEBWA

Yo bezwen 24 pou di,minisyon.

179 yo anplis egzijans diminisyon!

- 2 MIKWO FORÈ

1,279 echantiyon!

SEGMAN 9: Pyebwa ki deja egziste pa rapò a yebwa yo pwopoze yo



1 ESPAS PYEBWA A MATIRITE
BÒ PAKIN YO



2 SABAL PALM e BWASON KLUSIA

SNAPPER

CREEK

EXPY

SW 80yè
m ST

AVE

67TH
SW

BLV

DADELAND MALL

DADELAND



KENDALL

DR.

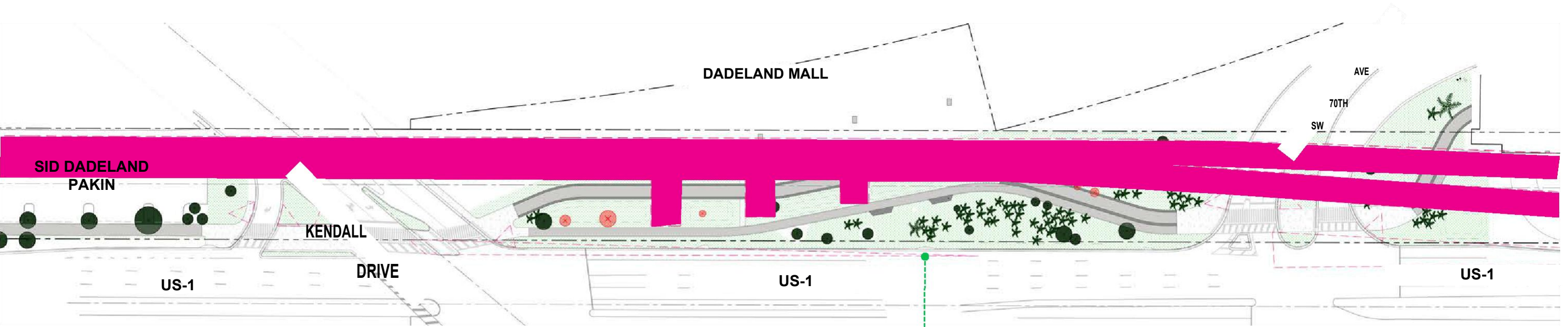


BLACK OLIVE GROVE
TOUPRE SOMI BIKE STORE

SEGMAN 9: 349 Pyebwa ki deja egziste ke yon espesyalis nan zafè pyebwa evalye



- LEJANN
- PYEBWA KI VA RETE OSWA RELOKALIZE
 - PYEBWA POU YO RETIRE
 - ▭ TRIYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON



PREZÈVE PALM SABAL LA
AK CLUSIA THICKET

SEGMAN 9: Sipèpozisyon plan pyebwa ki deja egziste yo sou konsepsyon yo pwopoze a



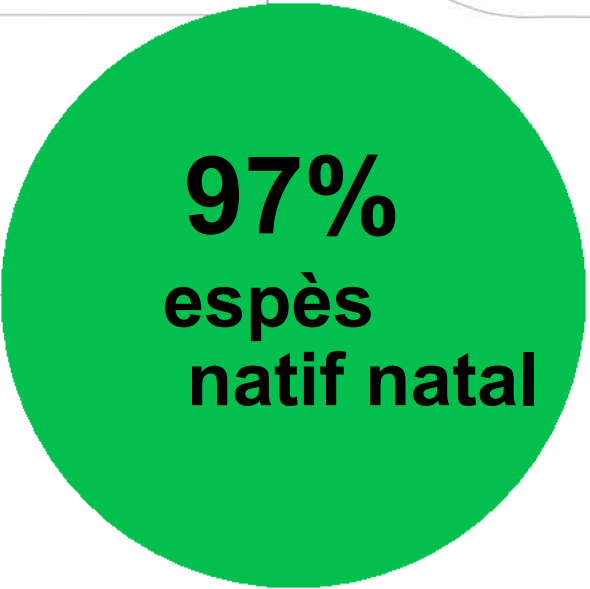
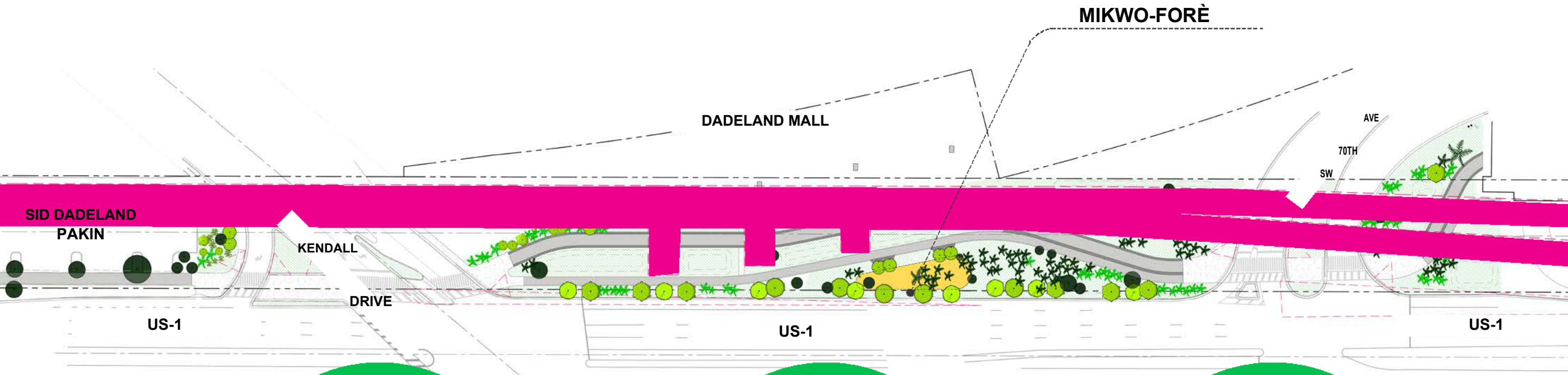
LEJANN



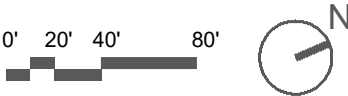
NOUVO PYEBWA YO PWOPOZE

PYEBWA KI VA RETE OSWA RELOKALIZE

TRİYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON

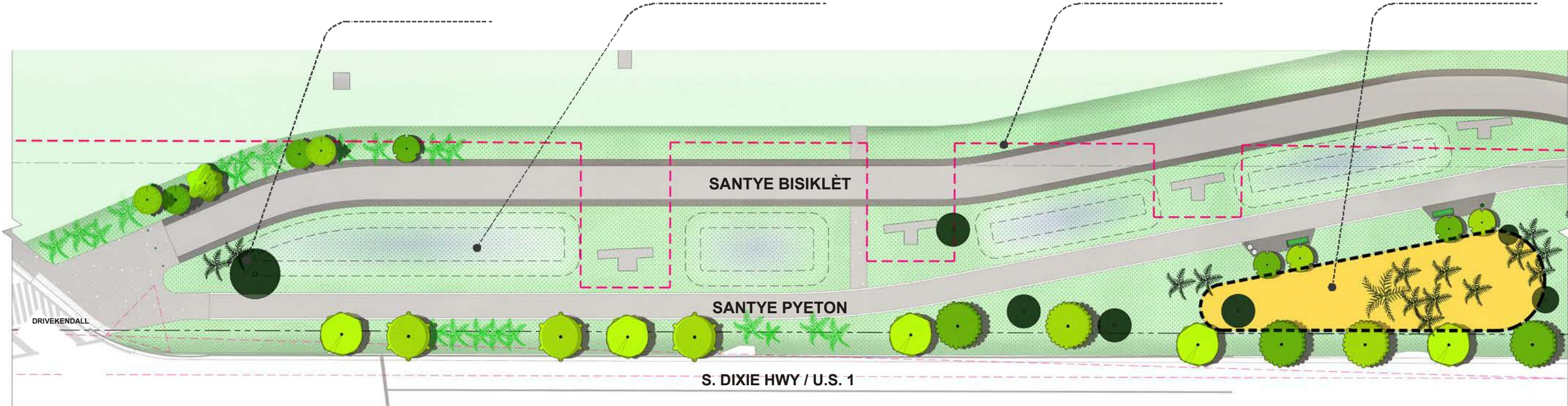


SEGMAN 9: Nouvo Plan Kouvèti Vejetal



BASEN BYORETEASYON KOUVÈTI VEJETAL, DISTANS DEGAJMAN VWA GIDAJ 2,000 PYE KARE POU RETE.

MIKWO-FORÈ 1



Juncus effusus
Presipitasyon dous



Spartina bakeri
Zèb kòd



Hymenocallis latifolia
Lily arenye



Simarouba glauca
Pyebwa Paradi



Clusea rosea
Pyebwa otograf

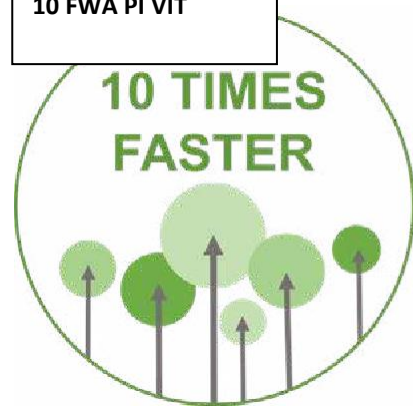


Prunus myrtifolia
Serix antiyè

SEGMAN 9: Konpozisyon tipik pou nouvo plantezon

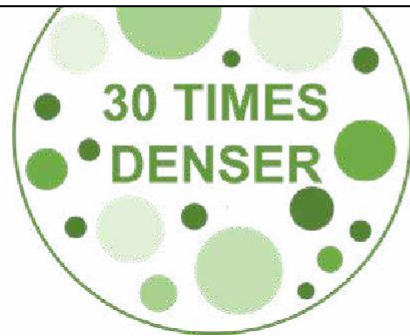


10 FWA PI VIT



GRANDI PI VIT
PI BYEN KE
TRADISYONÈL
FORESTASYON
ESTRATEJI

30 FWA PLIS DANSITE



DENSITE A PÈMÈT
POU ESPÈS YO KA PWOSPRE
AVÈK TRÈ FÈB
ANTRETYEN

20 FWA PLIS BYODANSIRE



BAY TRÈ
BIYODIVÈSITE ELVE
NAN YON TRÈ LIMITE
ANPRENT

Lokal



PLANTEZON NATIF NATAL
BAY REFIG POU
POLINIZATÈ, LÒT
ANIMAL AK CHANPIYON

PATISIPATIF



BAY ESANSYÈL EKOLOJIK
SÈVIS POU ZÒN NAN ALANTOU
KÒMINOTE AK
OPÒTINITÉ POU APRANTISAJ



"ZILE" AMAKA AN BWA DI



EGZANP MIKWO-FORÈ



ANKOURAJE YON SANS EMTANDANS!

Mikwo-forè: premye nan Sid Florid la! (Metòd forestasyon Miyawaki)

KOUCH VEJETASYON MIKWO-FORÈ



Reseptè Lav
Dina Jòn



Sideroxylon foetidissimum
Fo Mastik



Chrysophyllum oliviforme
Fèy saten



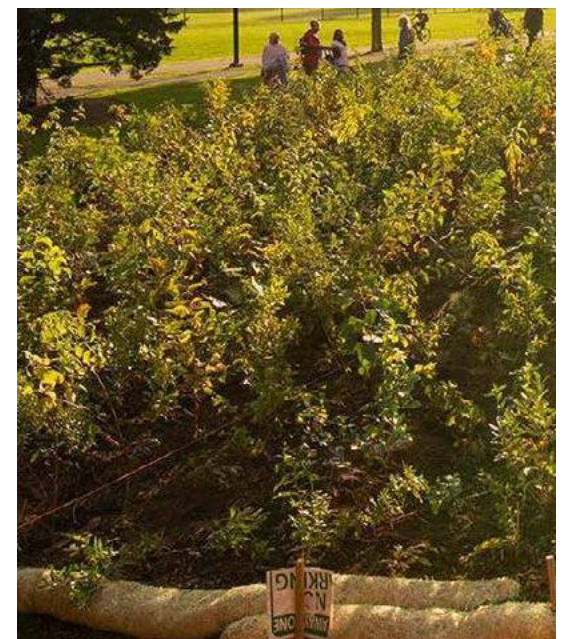
Myrcianthes fragrans
Simpson's Stopper



Picramnia pentandra
Touf bwa anmè



3 GALON PO

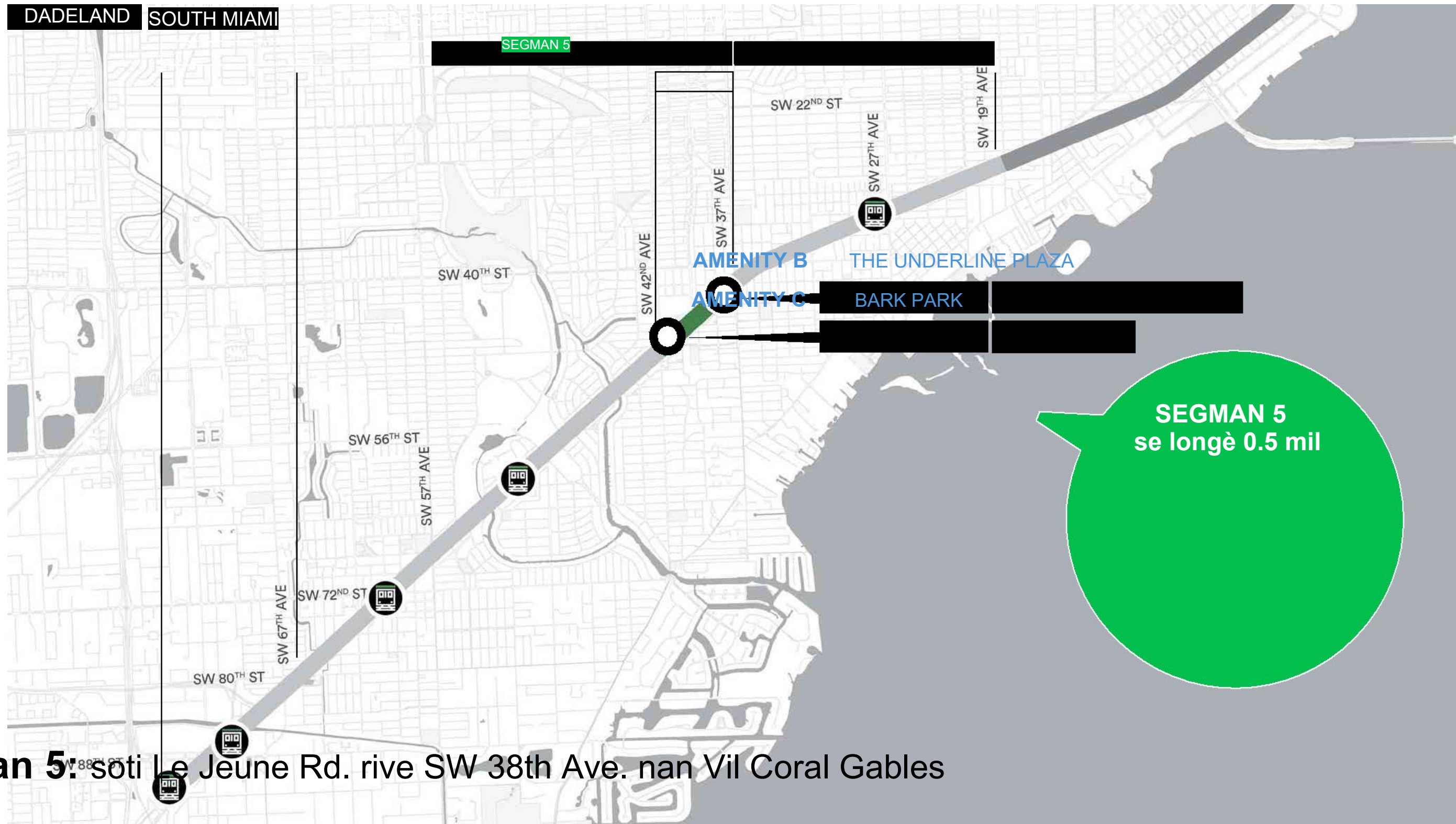


Mikwo-forè: Konpozisyon

Segman 5

Jesyon Pyebwa ak

Estrateji Plantezon



Segman 5: soti Le Jeune Rd. rive SW 38th Ave. nan Vil Coral Gables

KONDISYON KI EKZISTE

93 PYEBWA

- 68 PYEBWA KI VA RETE
- 23 PYEBWA KI VA RELOKALIZE
- 3 PYEBWA KE YO DWE RETIRE

Yo p ap retire okenn echantiyon pyebwa.

1 mouri, entèdi oubyen pa an sante.

2 an konfli avèk eleman konsepsyon



KONDISYON PWOPOZE

332 PYEBWA (260% OGMANTASYON)

- 68 PYEBWA KI VA RETE



- 23 PYEBWA KI RELOKALIZE

- **241 NOUVO PYEBWA**

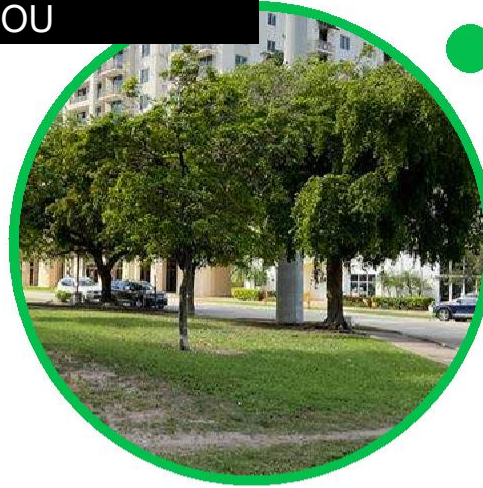
Règleman Konte a egzije 1 pou diminisyon.

240 yo anplis egzijans diminisyon!



SEGMAN 5: Pyebwa ki deja egziste pa rapò a yebwa yo pwopoze yo

OLIV NWA KI A MATIRITE AK
BWA AKAJOU



FÈK PLANTE
ESPÈS BWAPENN TANKOU
WÒCH

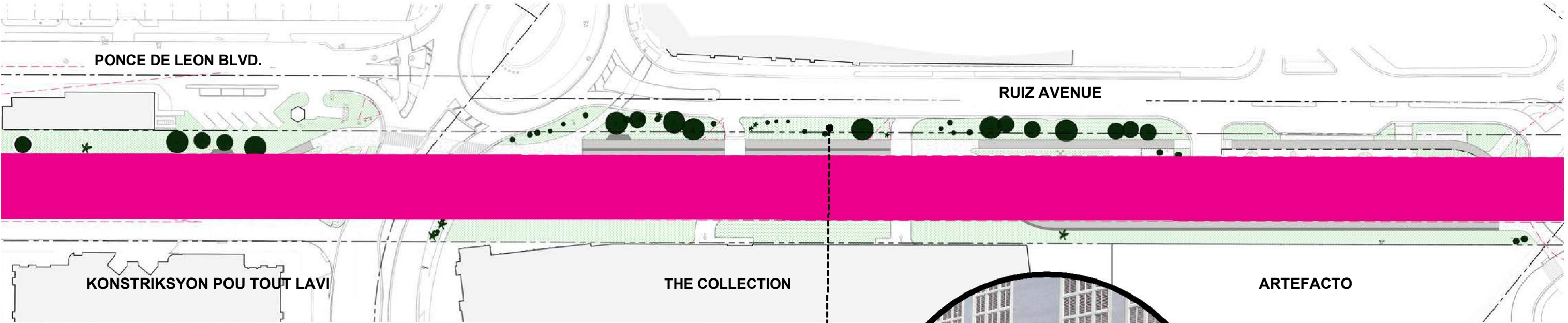


SEGMAN 5: 93 Pyebwa ki deja egziste ke yon espesyalis nan zafè pyebwa evalye



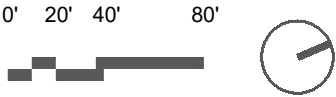
LEJANN

-  PYEBWA KI VA RETE OSWA RELOKALIZE
-  TRIYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON



PREZÈVE ESPÈS PYE PEN KI TE PLANTE
DÈNYEMAN NAN TEREN KI GEM WÒCH YO

SEGMAN 5: Sipèpozisyon plan pyebwa ki deja egziste yo sou konsepsyon yo pwopoze a





LEJANN



NOUVO PYEBWA YO PWOPOZE



PYEBWA KI VA RETE OSWA RELOKALIZE

TRIYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON

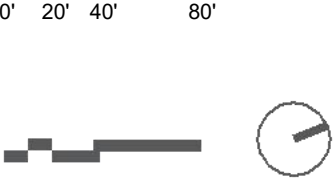


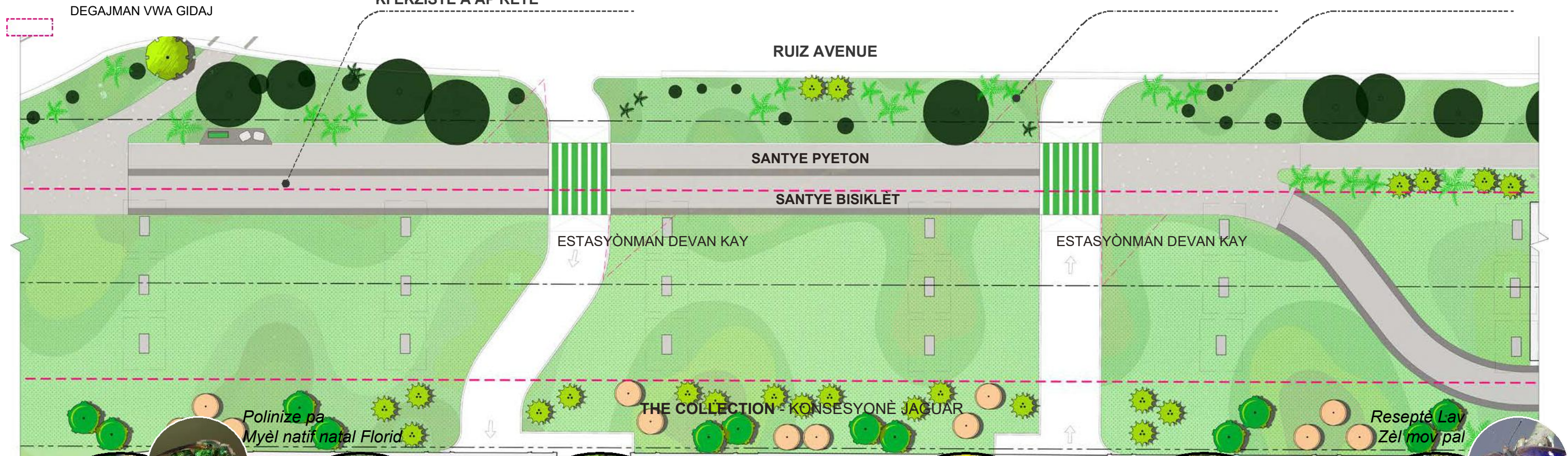
260%
ogmantasyon nan
kantite pyebwa

33
diferan espès
pyebwa, ti pyebwa rabougri
ak kouvèti tè

94%
espès
natif natal

SEGMAN 5: Nouvo Plan Kouvèti Vejetal





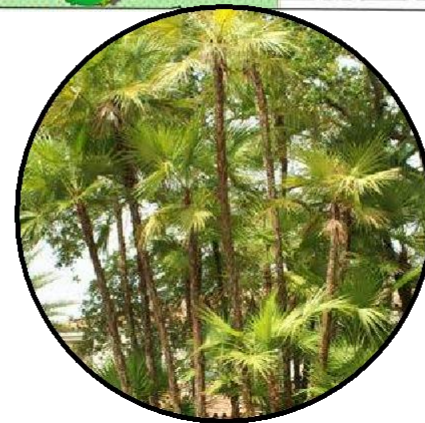
Ilex krugiana
Krug's Holly



Rhapidophyllum hystrix
Palmis zegwi



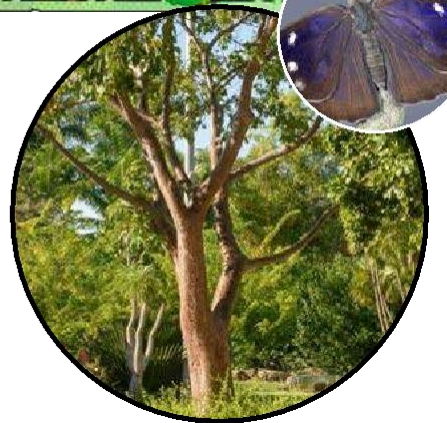
Nephrolopsis biserrata
Macho Fern



Acoelorrhaphe wrightii
Palmis Everglades



Exothea paniculata
Bwa lank



Bursera simaruba
Gombo Limbo

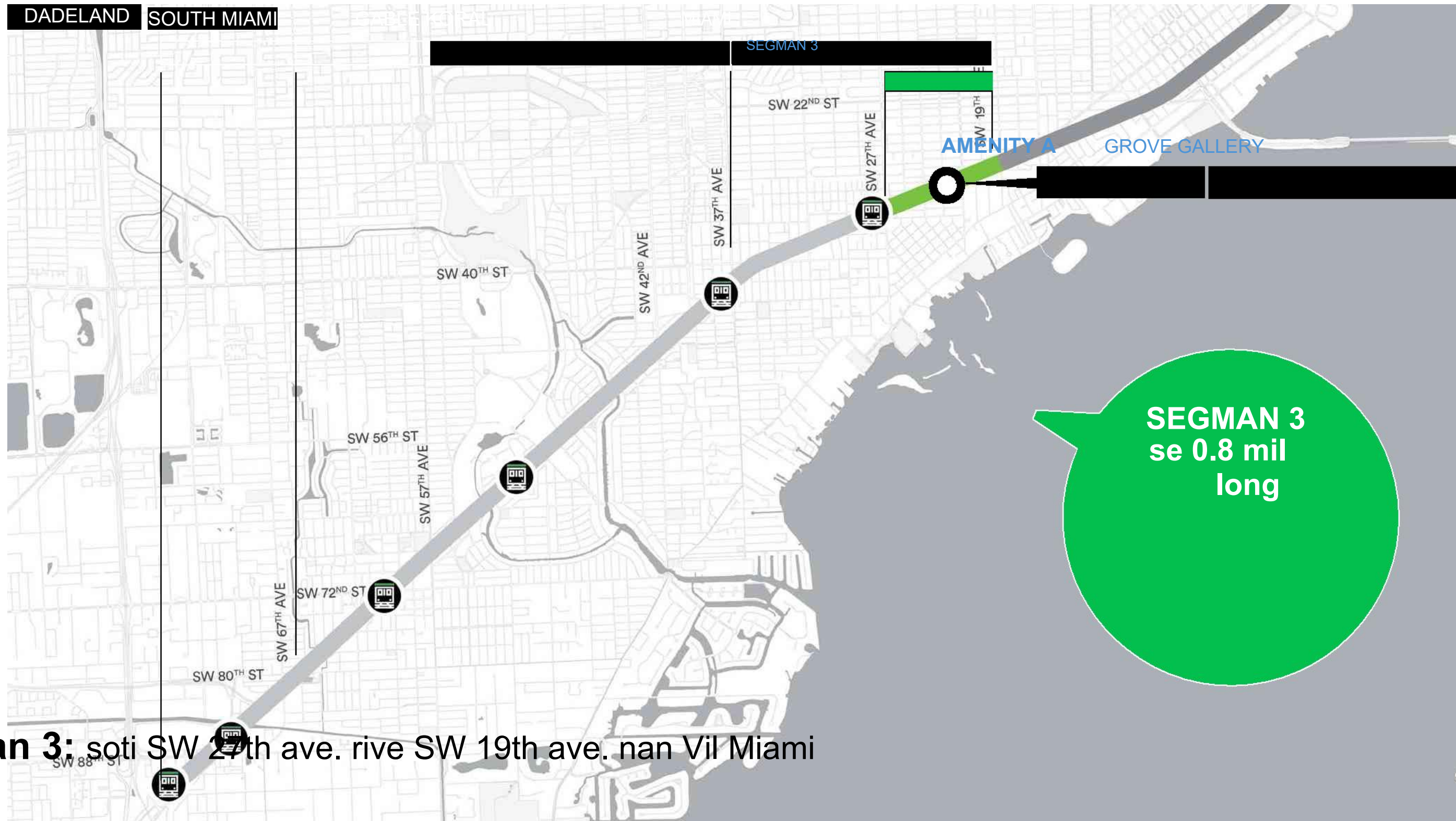
SEGMAN 5: Konpozisyon tipik pou nouvo plantezon



Segman 3

Jesyon Pyebwa ak

Estrateji Plantezon



Segman 3: soti SW 27th ave. rive SW 19th ave. nan Vil Miami

KONDISYON KI EKZISTE

288 PYEBWA



KONDISYON PWOPAZE

480 PYEBWA (67% OGMANTASYON)

- 200 PYEBWA KI VA RETE
- 31 PYEBWA KI VA RELOKALIZE
- 57 PYEBWA KE YO DWE RETIRE



- 200 PYEBWA KI VA RETE

- 31 PYEBWA KI RELOKALIZE

- **249 NOUVO PYEBWA**

Règleman Konte a mande 20 pou diminisyon.
229 yo se egzijans anplis diminisyon yo!



SEGMAN 3: Pyebwa ki deja egziste pa rapò a yebwa yo pwopaze yo



1 PYE OLIV NWA KI A MATIRITE



2 ESPESIMEN AKAJOU KI A MATIRITE



**VEJETASYON KI KOKOBE AVÈK
VALÈ EKOLOJIK MEDYÒK**

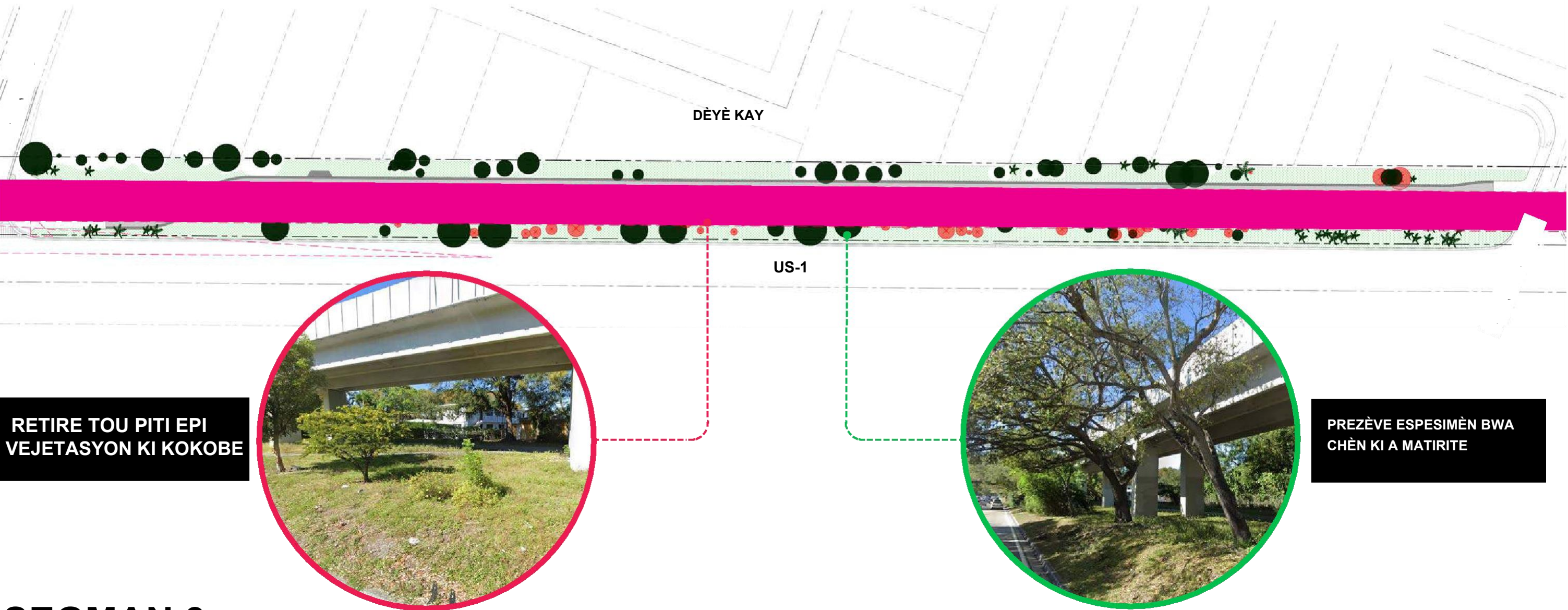


**ESPESIMÈN KI A
MATIRITE
PYE NWA CHÈN**

SEGMAN 3: 288 Pyebwa ki deja egziste ke yon espesyalis nan zafè pyebwa evalye



- LEJANN
- PYEBWA KI VA RETE OSWA RELOKALIZE
 - PYEBWA POU YO RETIRE
 - TRIYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON



SEGMAN 3: Sipèpozisyon plan pyebwa ki deja egziste yo sou konsepsyon yo pwopoze a



LEJANN

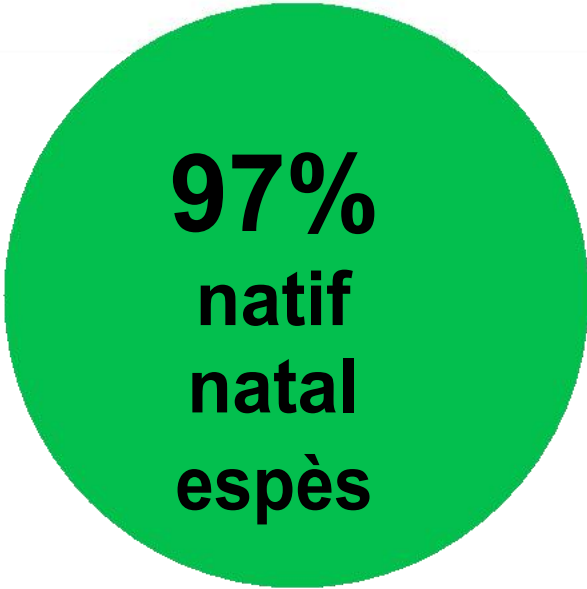
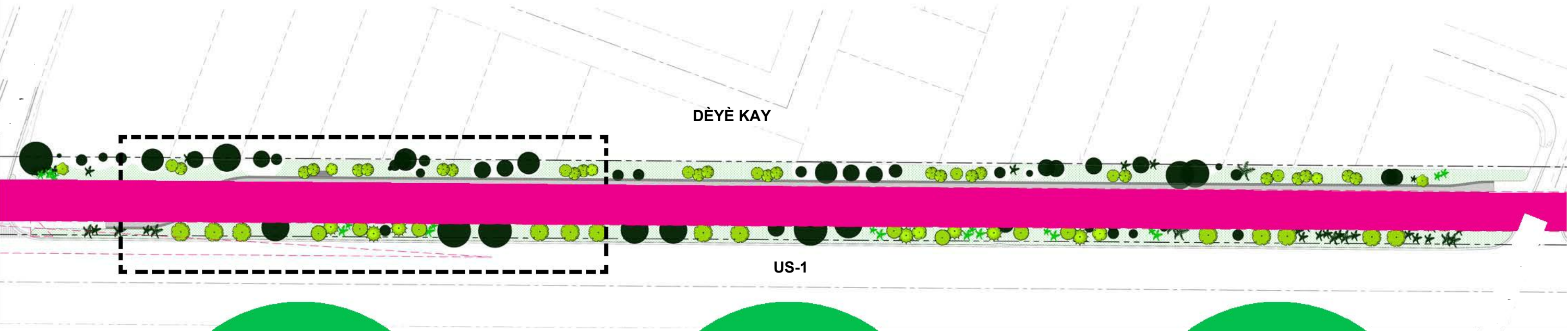


NOUVO PYEBWA YO PWOPOZE

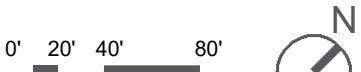
PYEBWA KI VA RETE OSWA RELOKALIZE



TRIYANG VWA GIDAJ AK TRAFIK OBSÈVASYON SIKILASYON



SEGMAN 3: Nouvo Plan Kouvèti Vejetal



Callicarpa americana
Beautiberry



Citharexylum spinosum
Fiddlewood

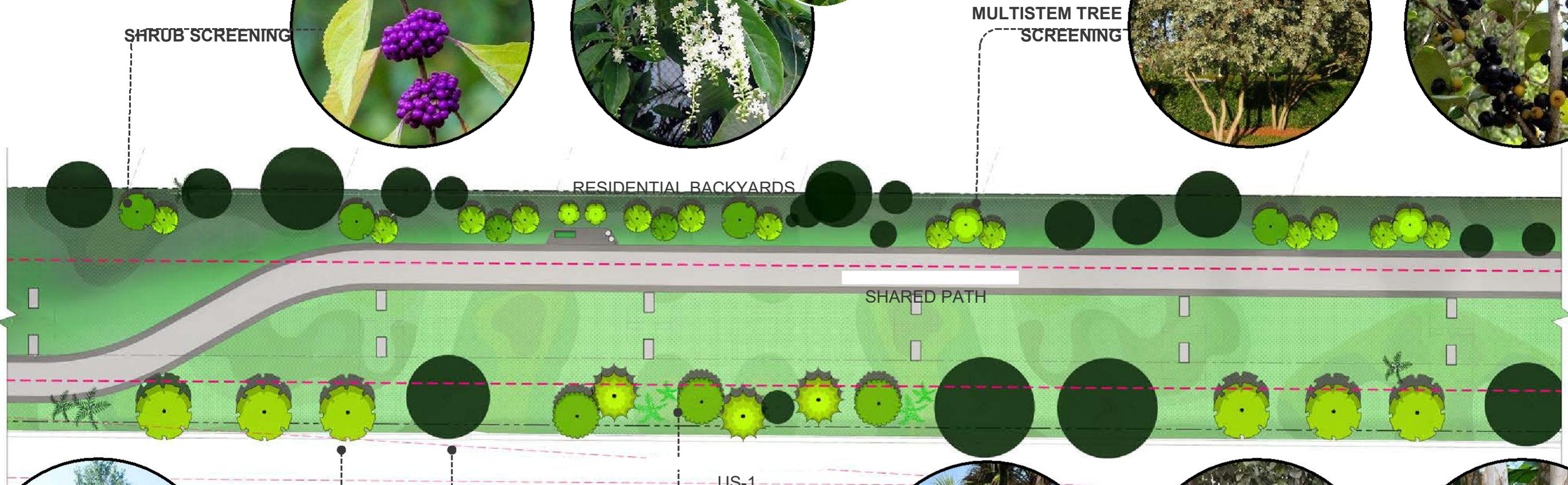


Resepte Lav
Fiddlewood

Conocarpus erectus var sericeus
Silver Buttonwood



Eugenia foetida
Spanish Stopper



Quercus virginiana 'Cathedral'
'Cathedral' Live Oak

Sabal Palmetto
Sabal Palm

Cordia sebestena
Orange Geiger Tree

Pimenta racemosa
Bay Rum

SEGMAN 3: Nouvo Konpozisyon Tipik Kouvèti vejetal





Segman 3, 5 ak 9 yo pral gen ladan **693** nouvo pyebwa ak plis pase **98,000** nouvo plant rabougri!

Bonjou yon lòt fwa ankò...

Konvèsasyon sou konstriksyon

- 01 • Ekip la
- 02 • Kalandriye
- 03 • Sekans ak Aktivite Konstriksyon Tipik
- 04 • Sekirite: MOT
- 05 • Pwoteksyon pyebwa
- 06 • Kominikasyon

Sa nou ye

1



NV2A™
GROUP

CENTRAL

45+ konstriktè ki ranpòte gwo pri pandan plizyè ane nan Sid Florid

Yom ekip

NV2ATM
GROUP

CENTRAL



**JAMES
CORNER
FIELD
OPERATIONS**

 **Stantec**

 **ACE**
Assurance Consulting Engineers, LLC

300 ENGINEERING GROUP, P.A.

 **Nova Consulting**

V₂E
GLOBAL



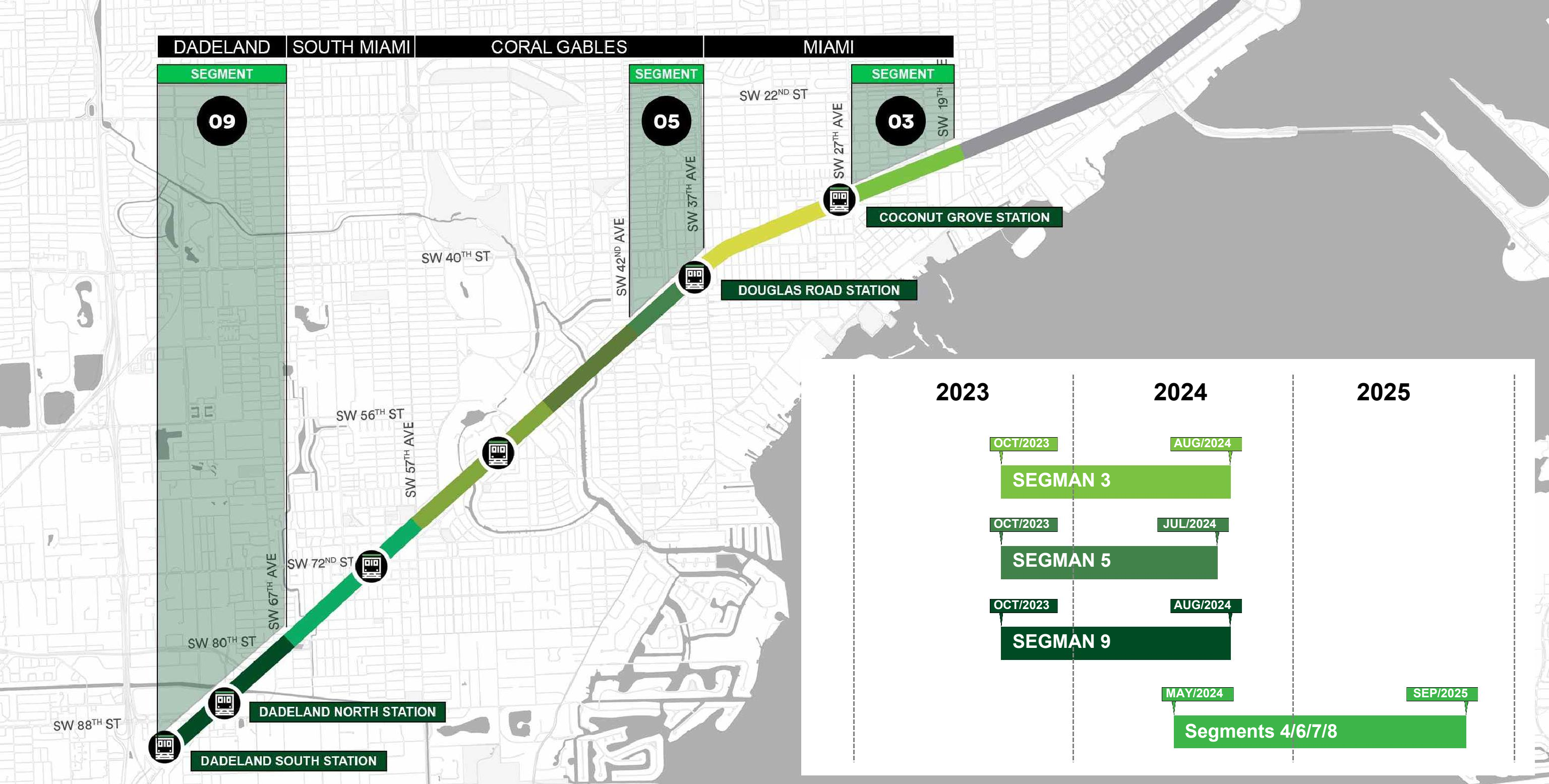
Ekip Konsepsyon-Konstriksiyon an

Seremoni Lansman Travay Faz 3

University Metrorail Station / 12 septanm 2023

Ann pale de kalandriye

2



Underline Faz 3: Kalandriye pwojè

Sa ou ka espere pandan konstriksyon an

3

Sekans Konstriksyon Tipik

- 1 Preparasyon sit
- 2 Pwoteksyon ak debranchaj
- 3 Mezi sekirite: MOT (Siy ak detou)
- 4 Travay enfrastrikti sou tè e souteren
- 5 Santye ak enfrastrikti sou tè
- 6 Entèseksyon e ekipman
- 07 Amenajman peyizaje



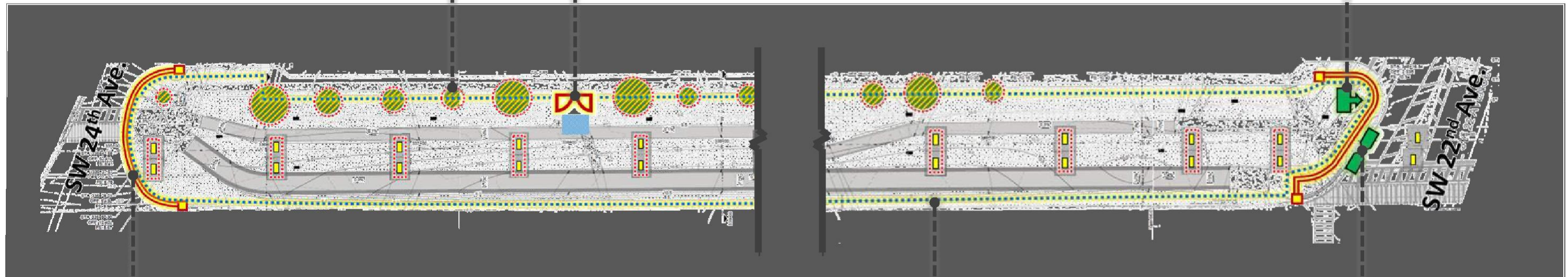
Pwoteksyon pyebwa



Baryè antre



DTPW
Afichaj pwojè a



Kloti fildefè nan
entèsèksyon



Kloti anti limon



Afichaj pwojè

Sekans Konstriksyon Tipik: PREPARASYON SIT



SEKANS KONSTRIKSYON TIPIK: **PWOTEKSYON PYEBWA**



SEKANS KONSTRIKSYON TIPIK: **MEZI SEKIRITE - MOT**



Sekans Konstriksyon Tipik: **ENFRASTRIKTI SOUTEREN**



Sekans Konstriksyon Tipik: **SANTYE**



Sekans Konstriksyon Tipik: **EKLERAJ AK EKIPMAN**



Sekans Konstriksyon Tipik: **AMENAJMAN PEYIZAJE**

Sekirite w se pi gwo priyorite nou

4

MOT – Antretyen sikilasyon

PYETON AK SIKLIS

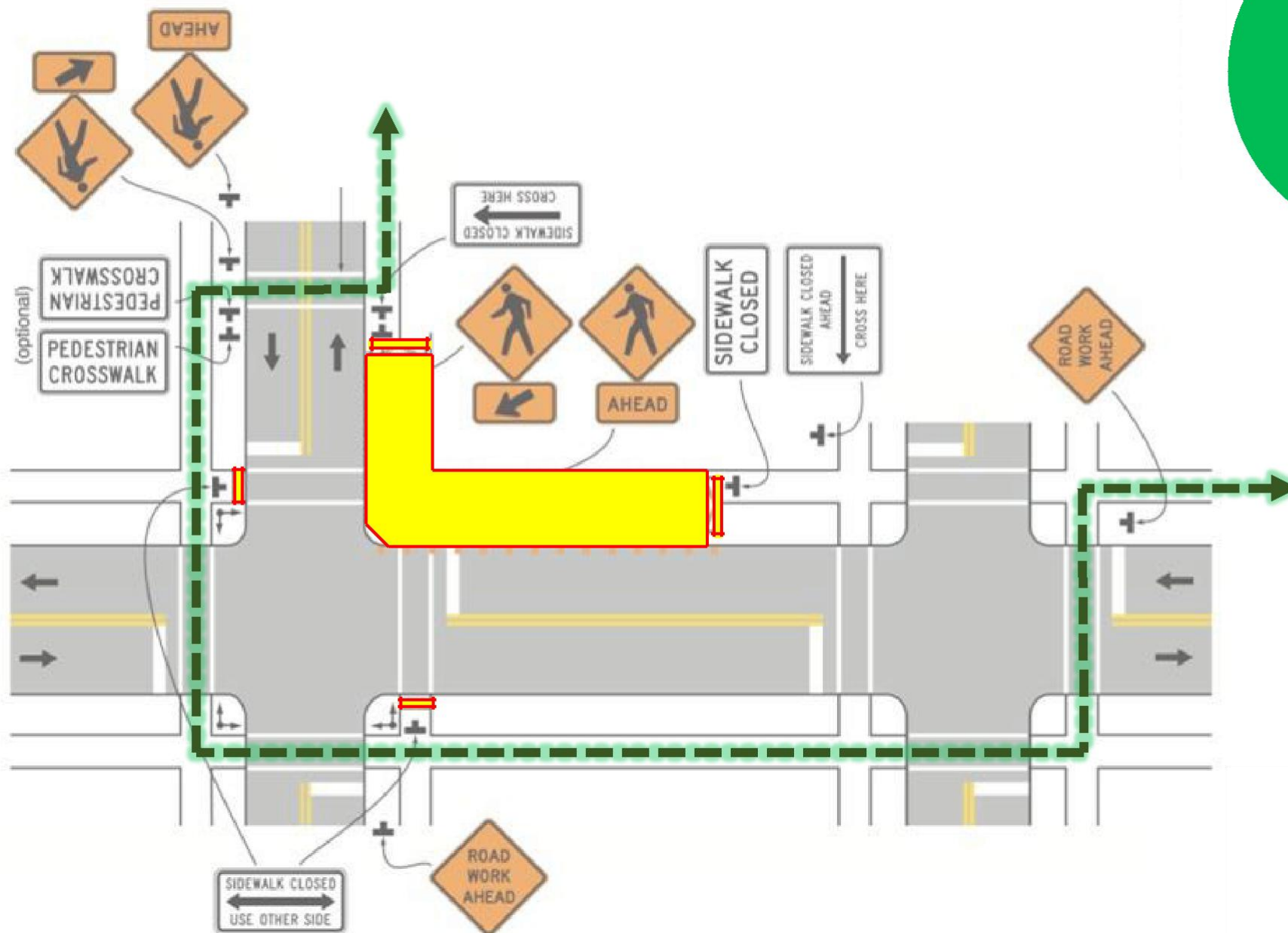


VEYIKIL



- **Egzijans ak direktiv FDOT**
- **Plan ke enjenyè sikilasyon siyen e sele**
- **Revi e apwouve pa FDOT / DTPW / (FoU)**
- **Kowòdinasyon 'Fèmti' nan ta apwopriye ak Notifikasyon a piblik la**

Plan tipik
MOT pou
pyeton



Underline Faz 3: Plan Tipik MOT – MEZI SEKIRITE

Bati avèk anviwònman nan lespri w

5

Jodia:

2,474 pyebwa ak plant

- **68% va rete an plas**
- **18% va relokalize**
- **13% va deplase**

Lè li fini:

3,960 pyebwa ak plant

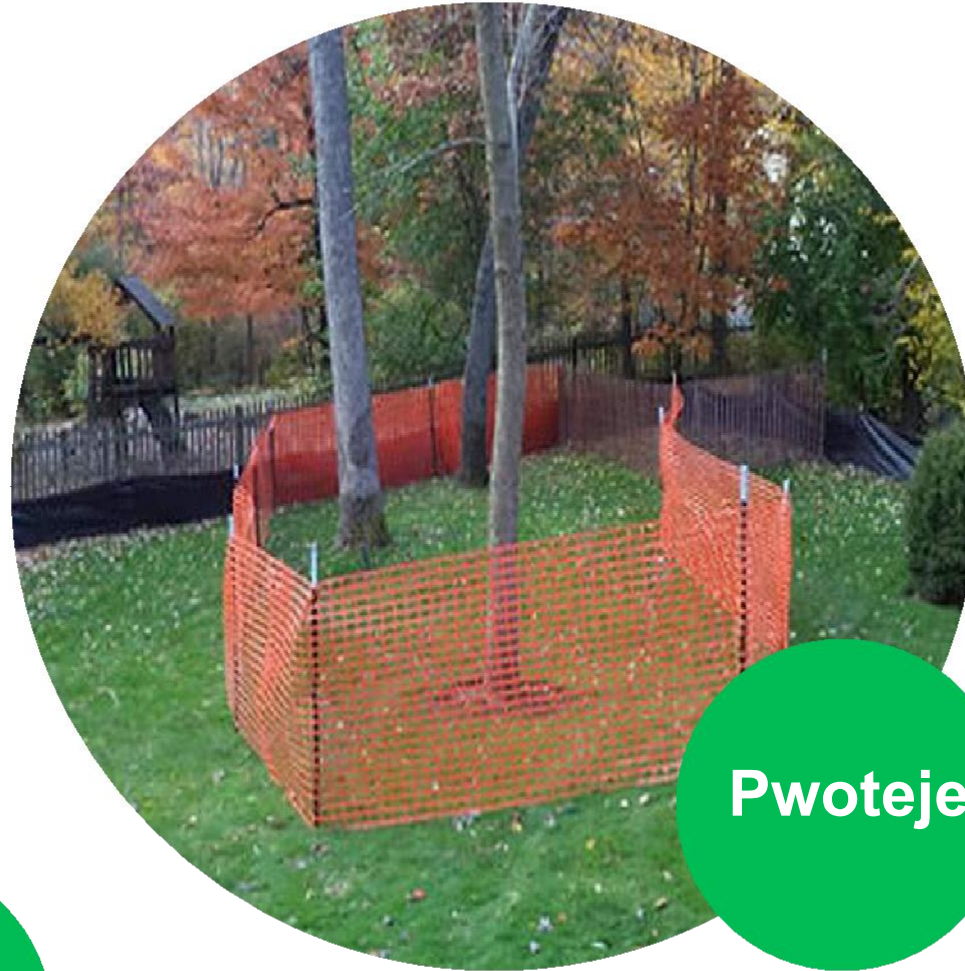
- **1,800 nouvo pyebwa ak plant**
- **62.5% ogmantasyon**



Idantifikasyon, pwoteksyon, relokalizasyon pyebwa



Idantifye



Pwoteje



Relokalize

- Plan ki siyen e sele
- Revize e apwouve pa DTPW / DERM

Nou isit la

6

Fason pou w kontakte nou.

- **Web**

The Underline

[Miamidade.gov/TheUnderline](https://miamidade.gov/TheUnderline)

DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

miamidade.gov/transportation

- **Phone**

 @GoMiamiDade



Mèsi!