



The Underline

10-mile linear park, urban trail and living art destination

WHY THE UNDERLINE?

ECONOMIC IMPACT

Increase property value, job creation, attract & retain talent

ALTERNATIVE TRANSPORTATION & SAFETY

*Attract new users to transit, provide safe alternative
Transportation Solution*

PUBLIC SPACE

Adding over one hundred acres open space

PUBLIC ART & PROGRAMMING

Civic Engagement

WHY THE UNDERLINE?

HEALTH IMPACT

Promote mobility, mobility, recreation

CONNECTIVITY

Miami-Dade Parks Regional trail system masterplan

ECO-TOURISM

Serve as a destination for bicyclists and tourists

SUPERLATIVE

The longest biking, walking corridor in the country running below transit

IT TAKES A VILLAGE

Public Private Partnership

Miami-Dade County –

Parks, Recreation & Open Spaces Department

Transportation & Public Works Department

FTA, FDOT, State of Florida

Miami Dade Metroropolitan Planning Organization

Rails to Trails

Cities of Miami, Coral Gables, South Miami

Friends of The Underline 501C3

THE UNDERLINE

10 MILES

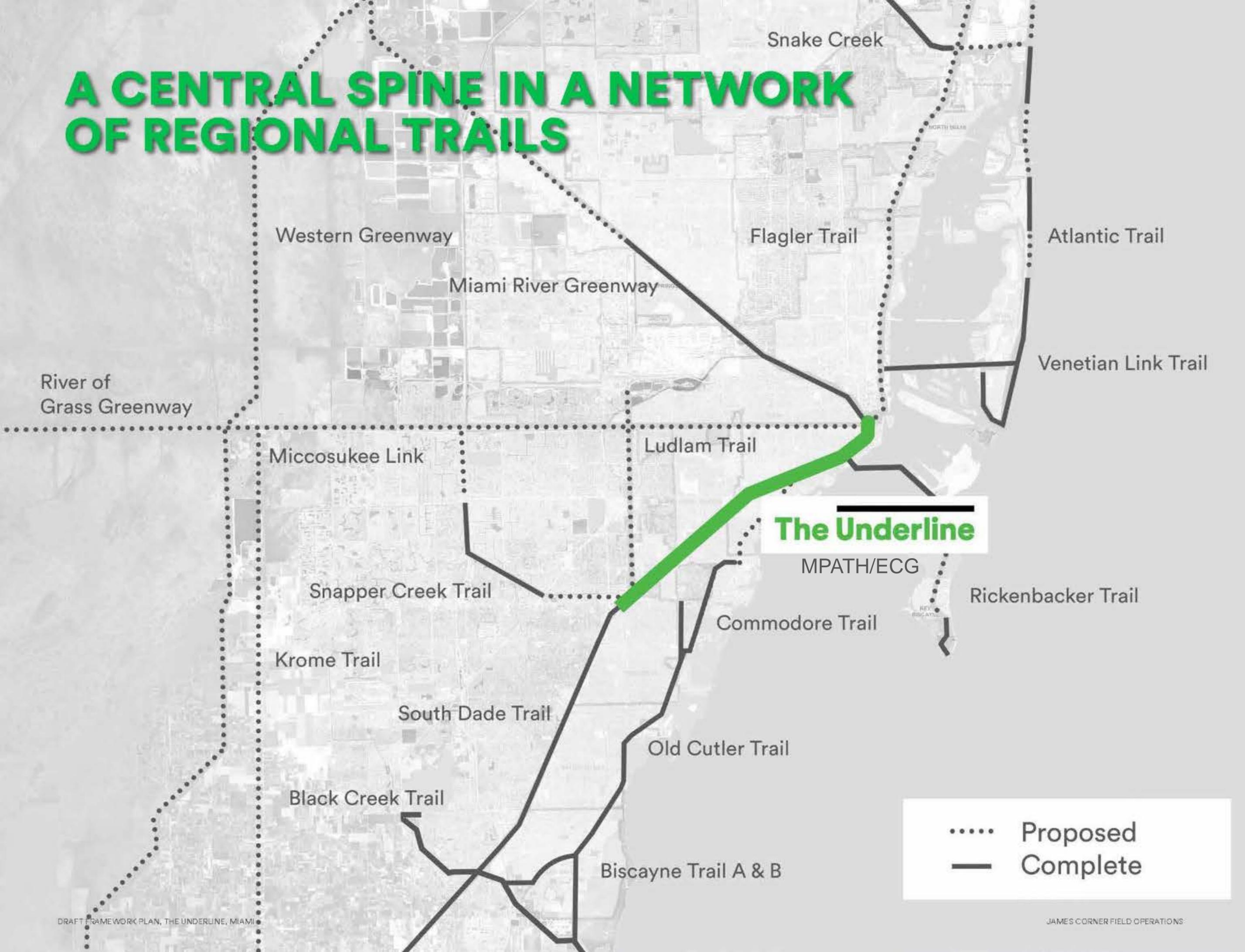
8 STATIONS

3 MUNICIPALITIES

1 LINE



A CENTRAL SPINE IN A NETWORK OF REGIONAL TRAILS

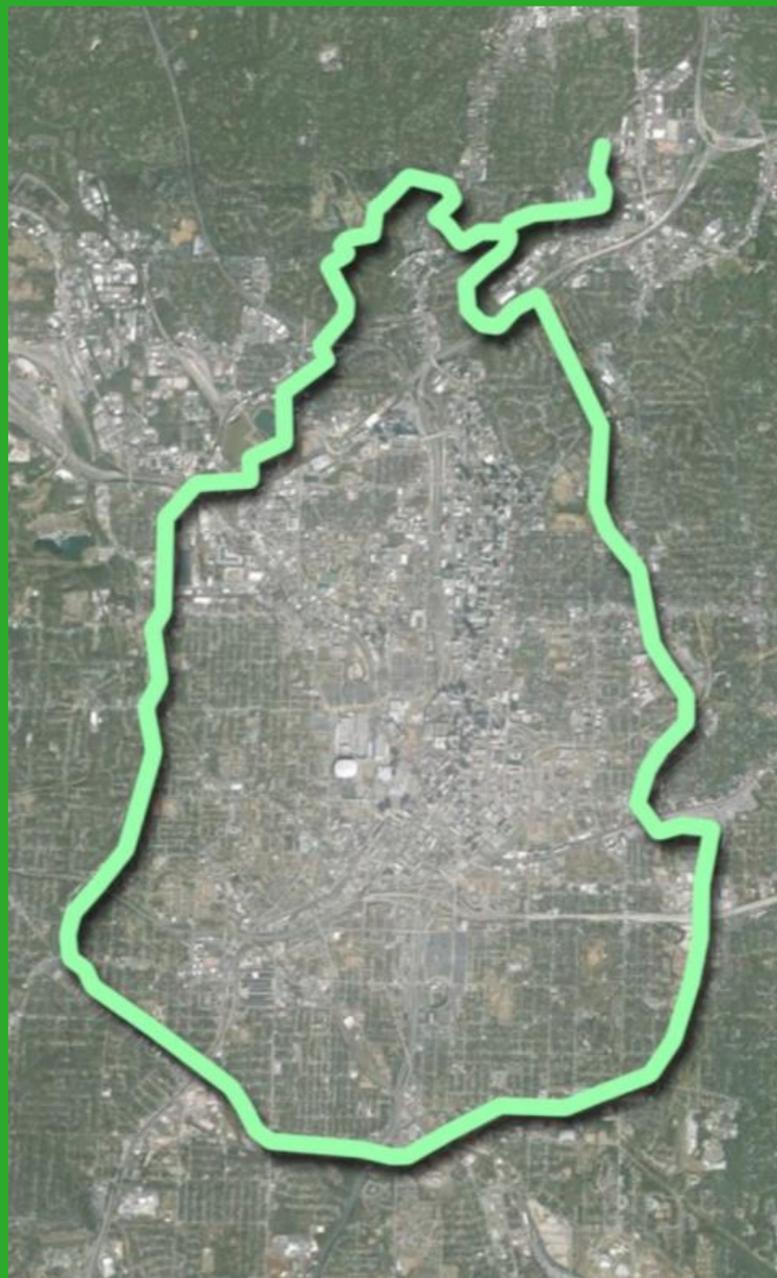


The Underline

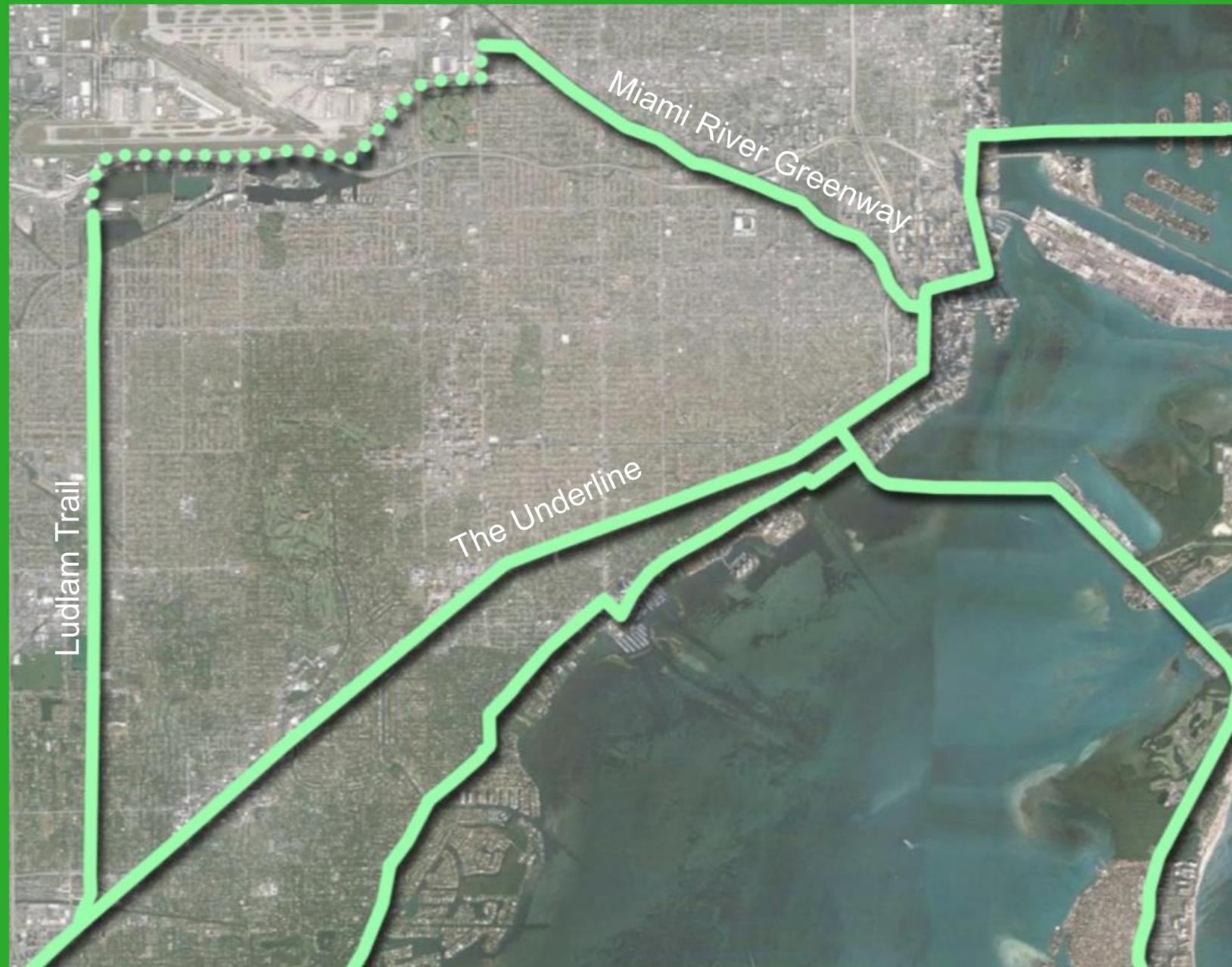
MPATH/ECG

- Proposed
- Complete

22 MILES+ OFF-ROAD CONNECTED URBAN TRAILS



Atlanta Beltline



Miami-Dade Loop

The Atlanta Beltline is the largest trails-and-transit infrastructure project in the USA. Only a fraction is complete, but the Beltline has already had billions of dollars of economic impact. Imagine the transforming potential of a "Miami Loop."

A SAFE HAVEN FOR WALKING & BIKING



CREATE A MULTI-MODAL CORRIDOR WITH DEDICATED PATHS AN ACCESSIBLE & SAFE TRANSPORTATION ALTERNATIVE

MAIN OBJECTIVES:

SEPARATE CYCLISTS AND PEDESTRIANS

ESTABLISH CLEAR PATHS AT STATIONS

ENCOURAGE ALTERNATIVE MODES OF TRAVEL TO CARS:

-  BIKE
-  PEDESTRIAN
-  METRORAIL
-  TROLLEYS + BUSES



CREATE A CONTINUOUS GREEN CORRIDOR

- 1 DEVELOP PLANTING PALETTE INSPIRED BY NATIVE PINE ROCKLAND AND HARDWOOD HAMMOCK ECOLOGIES
- 2 ENRICH EXISTING CANAL AND CREEK ECOLOGIES, WHILE ACCOMMODATING STORMWATER RUNOFF
- 3 RETAIN EXISTING, HEALTHY, AND ESTABLISHED TREES
- 4 MINIMIZE MAINTENANCE



ROCKLAND COMMUNITY

INSPIRED BY THE PINE ROCKLANDS



HAMMOCK COMMUNITY

INSPIRED BY THE HARDWOOD HAMMOCK



RIVER + CANAL CROSSINGS

INSPIRED BY FRESHWATER MARSHES & WET PRAIRIES



BUTTERFLY GARDENS

(THROUGHOUT)



EXISTING VEGETATION

(THROUGHOUT)



IMPROVE INTERSECTIONS

ESTABLISH THREE TYPES OF INTERSECTION APPROACHES:

+ MAJOR IMPROVEMENTS : 5 OR MORE INTERSECTIONS

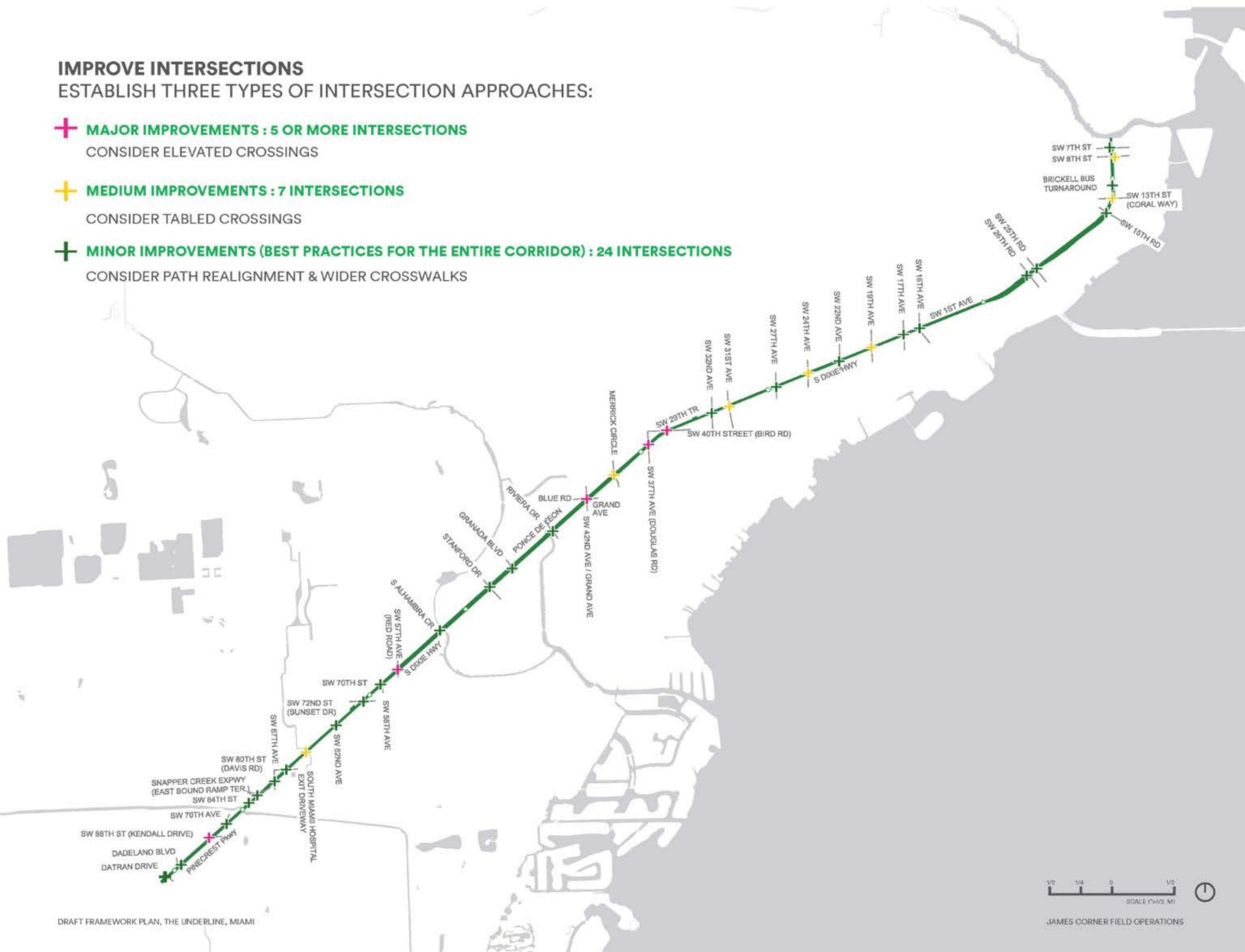
CONSIDER ELEVATED CROSSINGS

+ MEDIUM IMPROVEMENTS : 7 INTERSECTIONS

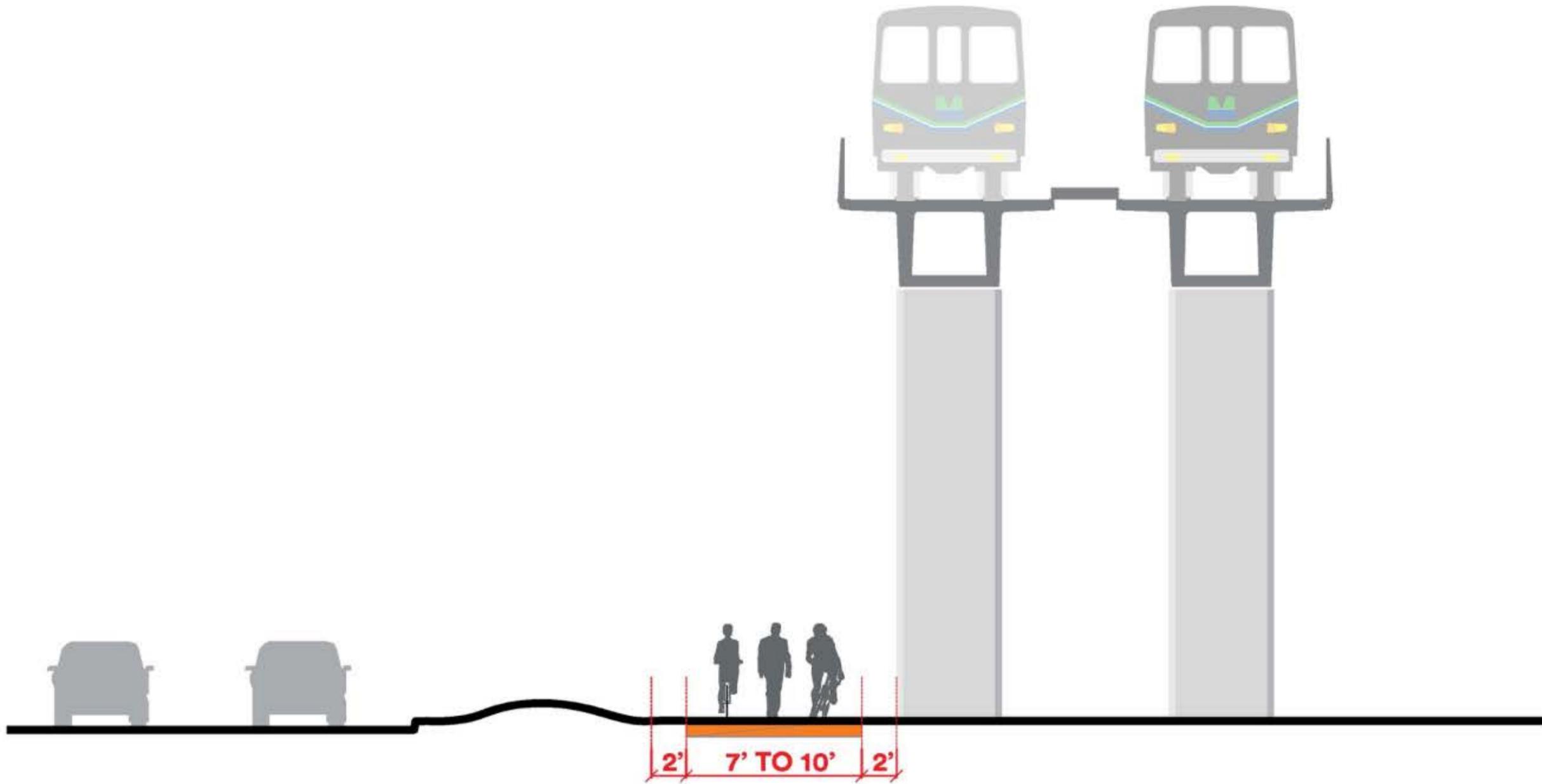
CONSIDER TABLED CROSSINGS

+ MINOR IMPROVEMENTS (BEST PRACTICES FOR THE ENTIRE CORRIDOR) : 24 INTERSECTIONS

CONSIDER PATH REALIGNMENT & WIDER CROSSWALKS



TYPICAL UNDERLINE | EXISTING



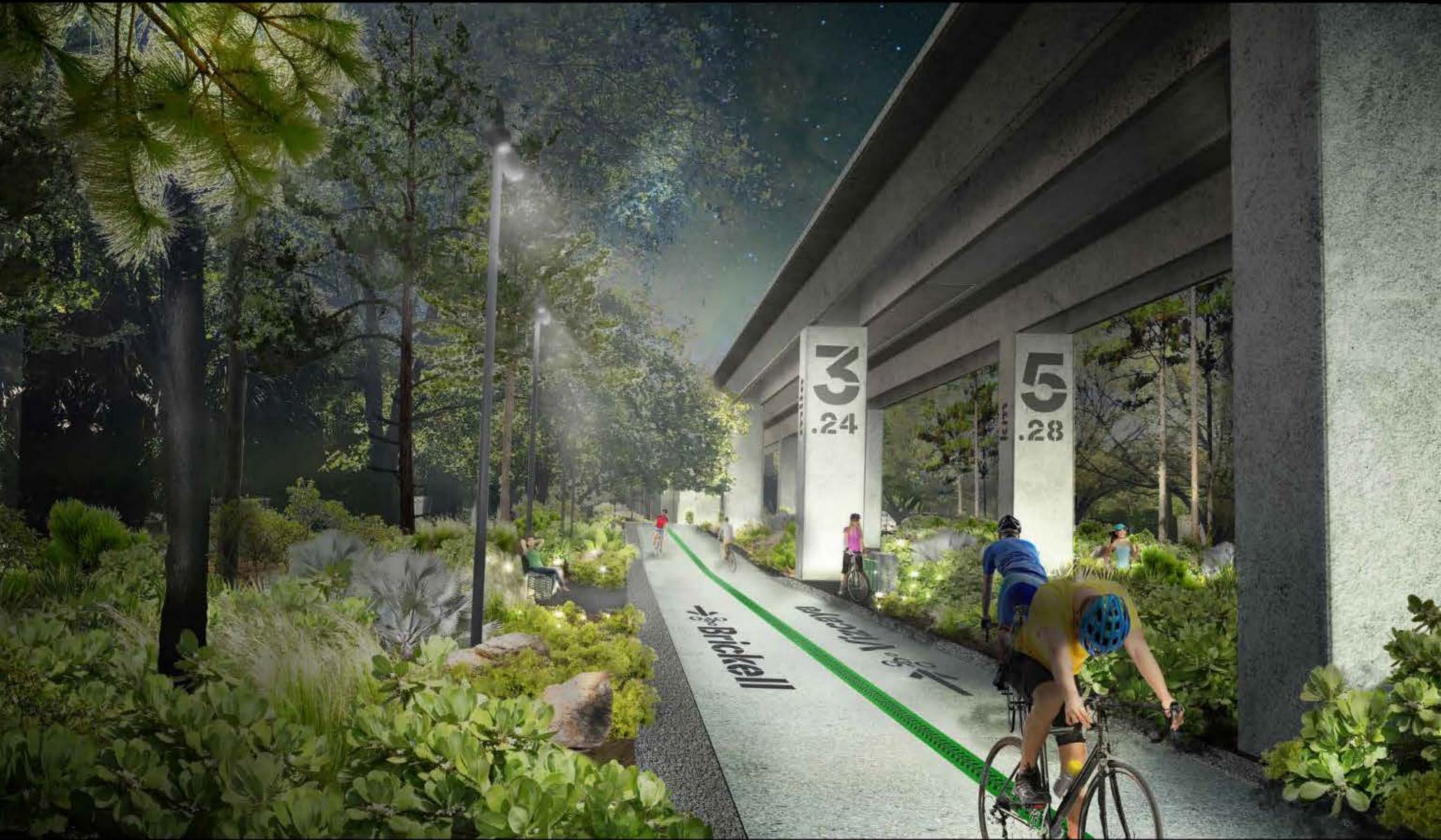
**ADJACENT
ROADWAY**

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

THE UNDERLINE | PROPOSED



THE UNDERLINE | BY NIGHT



**THE BRIDGE | THE SW 57TH AVE BRIDGE
PROPOSED**



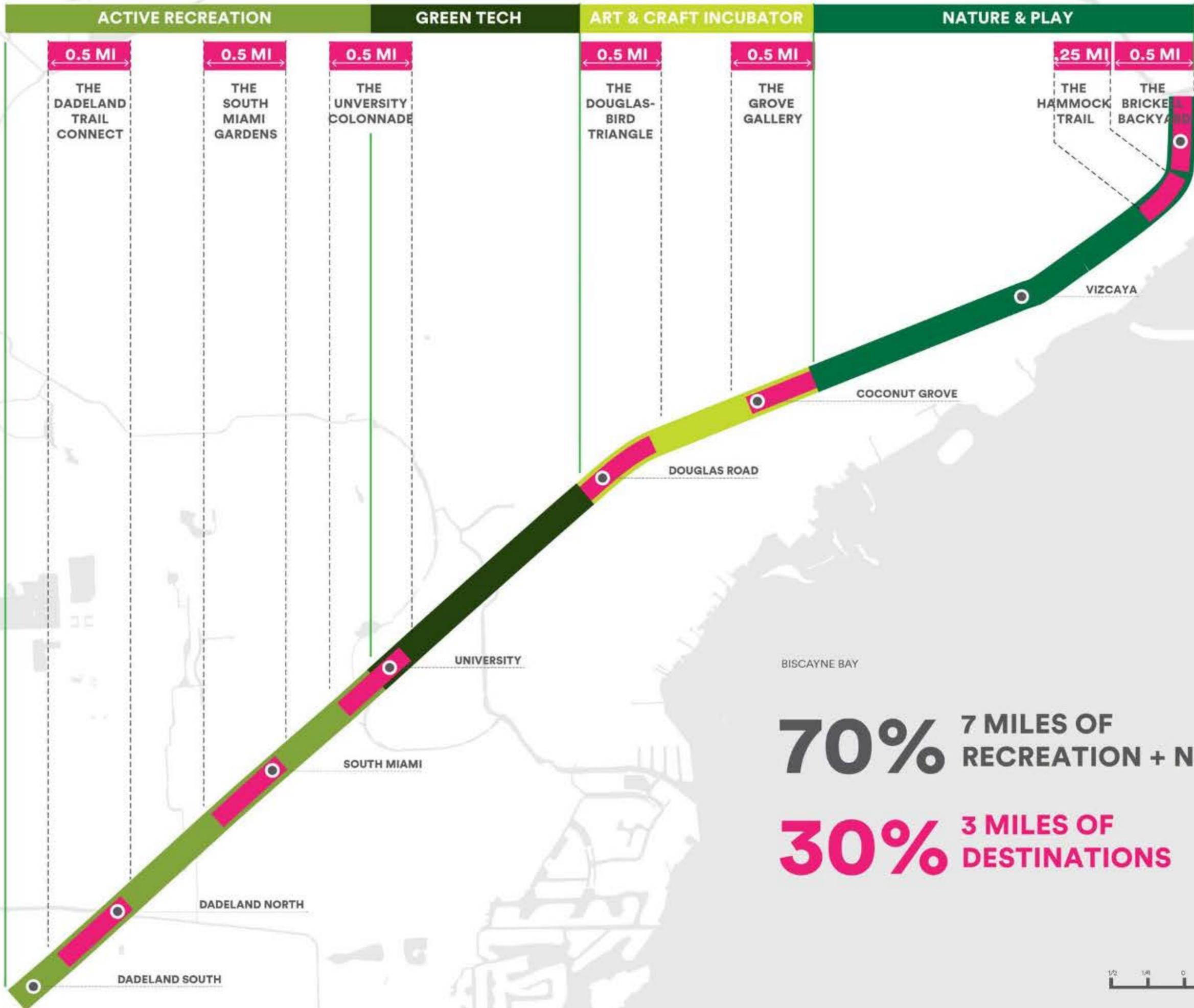
UNIVERSITY OF MIAMI

FRAMEWORK PLAN, THE UNDERLINE, MIAMI



SOUTH MIAMI

JAMES CORNER FIELD OPERATIONS



70% 7 MILES OF RECREATION + NATURE

30% 3 MILES OF DESTINATIONS

THE RIVER ROOM | AT THE MIAMI RIVER
EXISTING



THE RIVER ROOM | AT THE MIAMI RIVER
PROPOSED



MIAMI RIVER WALK

FRAMEWORK PLAN, THE UNDERLINE, MIAMI

BRICKELL STATION



JAMES CORNER FIELD OPERATIONS

THE GYM | BETWEEN SW8TH ST TO SW 9TH
EXISTING



THE GYM | BETWEEN SW8TH ST TO SW 9TH
PROPOSED



BRICKELL STATION

FRAMEWORK PLAN, THE UNDERLINE, MIAMI

SW8TH ST



JAMES CORNER FIELD OPERATIONS

THE BRICKELL BACKYARD | MIAMI RIVER TO SW 17TH RD
EXISTING



THE BRICKELL BACKYARD | MIAMI RIVER TO SW 17TH RD PROPOSED



DOWNTOWN



BRICKELL

THE HAMMOCK PLAY ZONE | BETWEEN SW 15TH RD TO SW 17TH RD
EXISTING



**THE HAMMOCK PLAY ZONE | BETWEEN SW 15TH RD TO SW 17TH RD
PROPOSED**



SIMPSON PARK HAMMOCK

FRAMEWORK PLAN, THE UNDERLINE, MIAMI

THE ROADS



JAMES CORNER FIELD OPERATIONS

THE GROVE GALLERY | SW 24TH AVE TO SW 31ST
EXISTING



THE GROVE GALLERY | SW 24TH AVE TO SW 31ST
PROPOSED



FRAMEWORK PLAN, THE UNDERLINE, MIAMI



JAMES CORNER FIELD OPERATIONS

THE DOUGLAS-BIRD TRIANGLE | BIRD ROAD TO SW 38TH AVE
EXISTING



**THE DOUGLAS-BIRD TRIANGLE | BIRD ROAD TO SW 38TH AVE
PROPOSED**



← VILLAGE OF MERRICK PARK

FRAMEWORK PLAN, THE UNDERLINE, MIAMI

SOUTH WEST COCONUT GROVE →

JAMES CORNER FIELD OPERATIONS

THE UNIVERSITY COLONNADE | STANFORD DRIVE TO SW 57TH AVE
EXISTING



THE UNIVERSITY COLONNADE | STANFORD DRIVE TO SW 57TH AVE
PROPOSED



← **CORAL GABLES**

UNIVERSITY OF MIAMI →

GREEN TECH GALLERY | UM STATION PLAZA
EXISTING



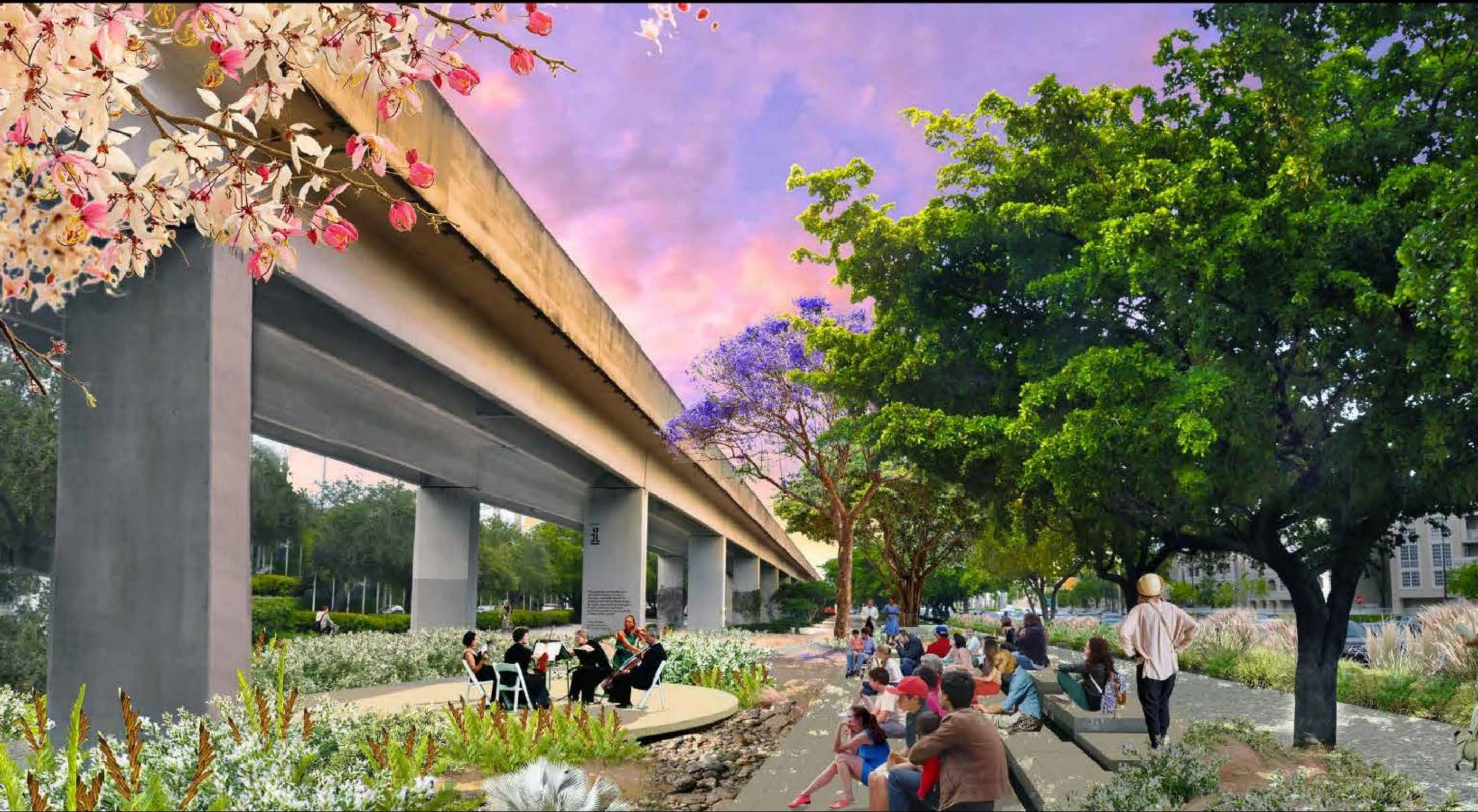
GREEN TECH GALLERY | UM STATION PLAZA
PROPOSED



 **UM METRORAIL STATION**

PONCE DE LEON BLVD 

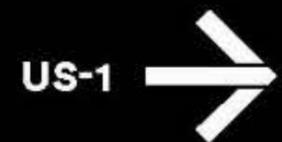
THE RAIN GARDEN | CABALLERO BLVD TO S ALHAMBRA CR
PROPOSED



THE SOUTH MIAMI GARDENS | SW 72ND ST TO SW 62ND AVE
EXISTING



THE SOUTH MIAMI GARDENS | SW 72ND ST TO SW 62ND AVE
PROPOSED



DADELAND TRAIL CONNECT | SNAPPER CREEK EXPWY TO SW 88TH STREET
EXISTING



DADELAND TRAIL CONNECT | SNAPPER CREEK EXPWY TO SW 88TH STREET
PROPOSED



FRAMEWORK PLAN, THE UNDERLINE, MIAMI



JAMES CORNER FIELD OPERATIONS

HEALTH IMPACTS

- **Over 50% of Miami-Dade County residents don't exercise 20 minutes/day**
- **Car-centric design**
- **Walk, bike, take transit, it's good for your health**
- **Exercise decreases risk of major disease**
- **Incorporating Active Design Principles into standards & requirements for adjacent development**

The Underline

What we have done

What we need to do



TEMAS

Ecology +
Natural Habitats
Ecología +
Habitats Naturales

Art + Culture
Arte + Cultura

Health + Fitness
Ejercicio +
Bienestar Físico

ACCOMPLISHMENTS

Incorporated 501C3 non-profit Jan. 2014

Master Plan

Cost Estimate

Economic Impact Study

Management & Maintenance Plan

NEPA Compliance

Design Phase 1 Brickell

BUILD THE UNDERLINE

First phase – Brickell Backyard

\$7.250 Million for construction raised:

Miami-Dade County \$3 Million

State of Florida \$2 Million

City of Miami \$1 Million

FDOT \$1 Million

Knight Foundation \$250,000

BUILD THE UNDERLINE

Additional commitments

CITY OF MIAMI

Up to \$50 Million from park impact fees
from nearby development

GABLES STATION DEVELOPER

Will build 1/3 mile in Coral Gables

TRANSIT ORIENTED DEVELOPMENT

Douglas Road, Coconut Grove and South Miami Stations

SOUTH MIAMI HOSPITAL PARK

EXHIBIT P PH1 Scope of Work Diagram

UNDERLINE PHASE 1 MIAMI RIVER ST TO SW 13TH ST- \$7.2 BUDGET

- 6 ACRE PROJECT AREA
- 261,954 SQ FT
- 2,549 LF BIKE PATH OR 0.5 MILES
- 4 RE-DESIGNED INTERSECTIONS

TOTAL BUDGET = \$9.9M*

BASE BUDGET OF \$7.2

ADDITIONAL BUDGET REQUIRED= \$2.7 M*

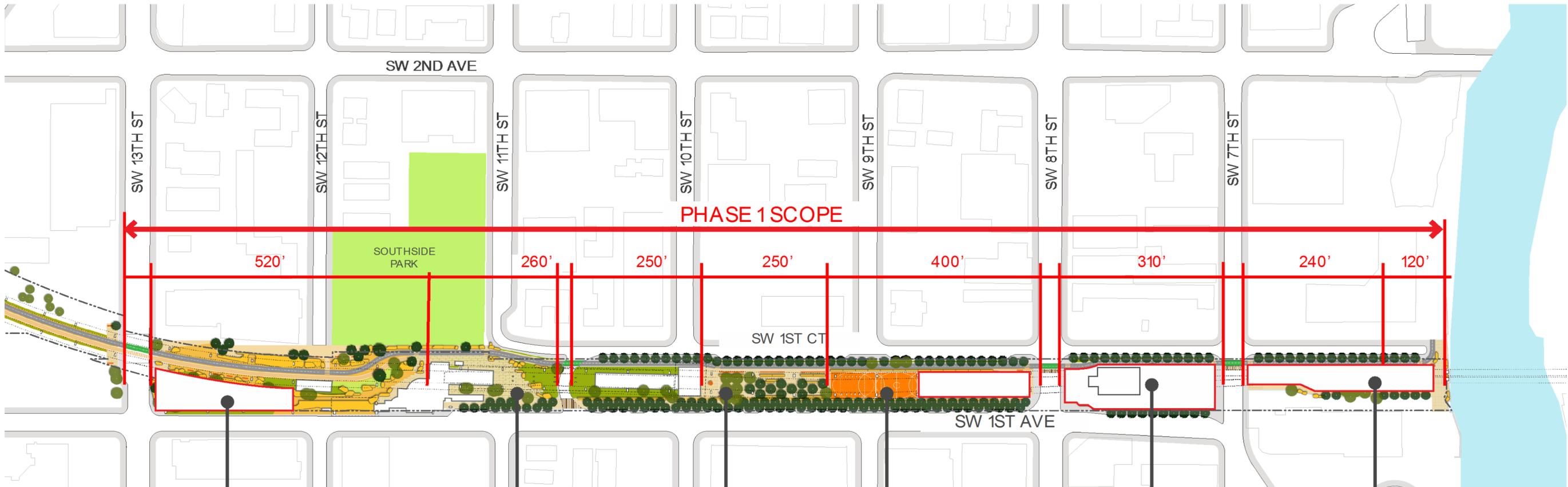
*COSTS INCLUDE ALL MARK-UPS

BUDGET OF \$7.2* INCLUDES=

- BIKE + PED ASPHALT PATHS W/ SHOULDER + MARKINGS
- + OOLITE STONE STRIP
- ALL COLUMN + PATH SIGNAGE & GRAPHICS
- ALL PATH LIGHTING (2 POLES EVERY 40')
- UP-LIGHTING FOR COLUMNS WITH SIGNAGE
- ALL INTERSECTION ELEMENTS
- INTERSECTION PLAZA PAVING (ASSUME CONCRETE)
- NEW STATION PLAZA PAVING (CONCRETE)
- ALL SIDEWALK ADJUSTMENTS AT SW 1ST CT AND SW 1ST AVE
- BENCHES (34)
- DRINKING WATER FOUNTAINS (4)
- BIKE PARKING (30)

- TRASH RECEPTACLES (12)
- BIKE REPAIR STATIONS (2)
- ALL TREES AND PLANTING ALONG PATH AND SIDEWALK
- HALF OF GYM WITH VOLLEYBALL COURT AND OUTDOOR EXERCISE AREA ONLY
- OOLITE SEAT WALLS
- REQUIRED UTILITIES
- NEW TRAFFIC SIGNAL AT SW 8TH ST

*COSTS INCLUDE ALL MARK-UPS



THE OOLITE ROOM

- INCLUDES:
BIKE + PED TRAILS
LIGHTING
PLANTING
FURNITURE
- NOT INCLUDED:
CLIMBING WALLS = \$314,433

THE STATION PLAZA

- INCLUDES:
BIKE + PED TRAILS
LIGHTING
NEW CONCRETE PLAZA
PLANTING ALONG TRAILS
FURNITURE
OOLITE SEATING WALLS
- NOT INCLUDED:
ART
STATION LIGHTING = \$131,014

THE GYM

- INCLUDES:
BIKE + PED TRAILS
LIGHTING
PLANTING ALONG TRAILS
1/2 COURT SURFACE
+ FENCE
VOLLEYBALL COURT
OUTDOOR EXERCISE ROOM
- NOT INCLUDED:
1/2 COURT SURFACE
+ FENCE
BASKETBALL COURT
HANDBALL COURT
TOTAL: \$448,376

THE DOG PARK

- INCLUDES:
BIKE + PED TRAILS
LIGHTING
PLANTING ALONG TRAILS
- NOT INCLUDED:
ENTIRE PARK
TOTAL: \$542,188

THE RIVER ROOM AND PICNIC POCKETS

- INCLUDES:
BIKE + PED TRAILS
LIGHTING
PLANTING ALONG TRAILS
- NOT INCLUDED:
ADD. TREES
LAWN
PICNIC TABLES
OOLITE STONE BOULDERS
OOLITE SEAT WALLS
OOLITE SEATING STEPS
TOTAL: \$725,307

FUNDING & USES

TEN-MILE TRAIL

\$80 MILLION

75% public grants, 25% private

36 INTERSECTION IMPROVEMENTS

\$20 MILLION

100% public grants

THREE MILES OF DESTINATION PARKS

\$20 MILLION

100% private

CREATE VALUE & ROI

- \$3 Billion pipeline of new development near corridor
- \$450-\$600 million incremental assessed value
- \$180-\$260 million in new tax revenue over 20 years
- \$170 million in total economic output during construction
- \$50 million in economic activity annually after completion
- 1,400 jobs from construction & operations

#TRANSFORM MIAMI

MIAMI SPENDS LESS ON PARKS THAN PEERS

\$80 per resident/yr vs.

\$160/resident in San Jose, New York, LA, Austin

URBAN AMENITIES ATTRACT BUSINESS & TALENT

Quality of life assets including parks and cultural attractions

attract high-impact industries and

Information tech and creative design workers

COMPARABLE PROJECTS



COMPARABLE

Atlanta Beltline

Total Beltline: 22 miles planned, 6 miles built
Transforming Atlanta “A Soulless Parking Lot”
\$3 billion investment, 1 Million+ users/year
\$14 Million/mile

Chicago 606

Total 606: 2.7 miles
Opening day: 50,000 people attended
\$35 Million/mile

Indianapolis Cultural Trail

Total Cultural Trail: 8 miles 30' wide
\$865 Million economic impact
11,000 jobs
\$8 Million/Mile

The Underline

THANK YOU!

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[#biketheunderline](https://www.instagram.com/biketheunderline)
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