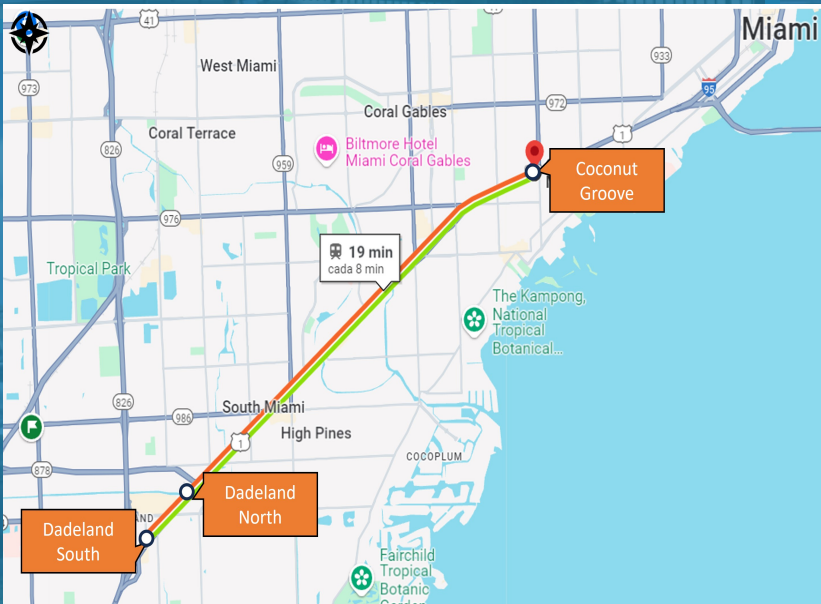


# US-1 BICYCLE AND PEDESTRIAN BRIDGE FEASIBILITY STUDY

SEPTEMBER 2024

## FACT SHEET



Metrorail Study Stations Map

### OBJECTIVE

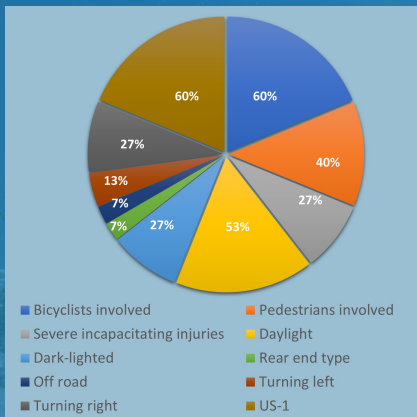
The study aims to evaluate the feasibility of constructing bicycle and pedestrian bridges across US-1 at key Metrorail station intersections to improve safety and accessibility for non-motorized users.

### LOCATION

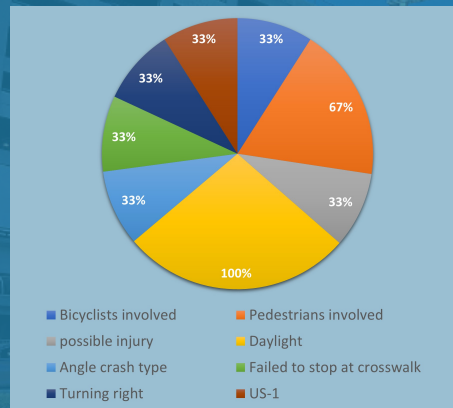
Coconut Grove, Dadeland North, and Dadeland South Metrorail Stations, Miami-Dade County, Florida

## CRASH DATA FOR MAIN INTERSECTIONS

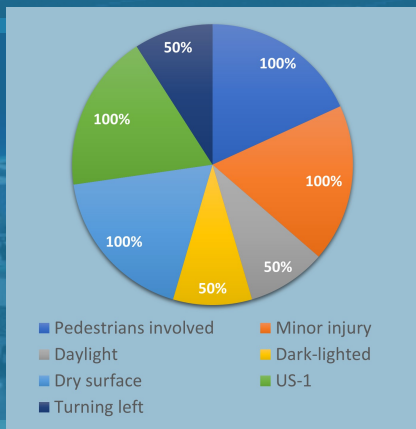
### US-1 & SW 27th Ave



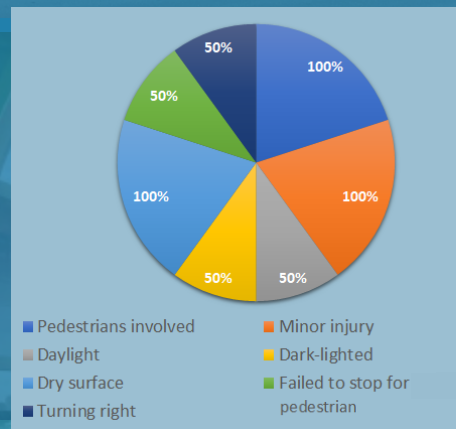
### US-1 & SW 84th St.



### US-1 & Dadeland Blvd.



### US-1 & Datan Dr.





## ALTERNATIVES AND COST ESTIMATE

Alternative No.	Alternative Description	Opinion of Probable Cost
<b>Coconut Grove Station</b>		
1	Second Level Pedestrian Bridge Over US-1 & SW 27th Avenue	\$5M-\$10M
2	Third Level Pedestrian Bridge Over US-1 & SW 27th Avenue	\$5M-\$10M
3	At Grade Improvements at US-1 & SW 27th Avenue	\$200K-\$260K
<b>Dadeland North Station</b>		
1	Pedestrian Bridge west of SW 84th Street	\$7M-\$10M
2	Pedestrian Bridge west of SW 84th Street Modified	\$7M-\$10M
3	Pedestrian Bridge east of SW 70th Avenue	\$7M-\$10M
4	At-Grade Improvements across US-1 between SW 68th Court and SW 84th Street at landing adjacent to Snapper Creek Canal and Bomnin Chevrolet.	\$420K-\$546K
<b>Dadeland South Station</b>		
1	Pedestrian Bridge a Dadeland Boulevard	\$8M-\$10M
2	Pedestrian Bridge west of Datran Drive	\$8M-\$10M
3A	Pedestrian Bridge to accommodate new development at 9300 Plaza & Shorty's BBQ – Bridge Connection directly into South Tower	\$8M-\$10M
3B	Pedestrian Bridge to accommodate new development at 9300 Plaza & Shorty's BBQ – Bridge Connection west of South Tower	\$8M-\$10M
4	At-Grade Improvements at Dadeland Blvd and Datran Drive.	\$100K - \$130K

## RECOMMENDATIONS

### Coconut Grove Metrorail Station:

- At- Grade Improvements: wider high-emphasis crosswalks, wider pedestrian curb ramps, realign median to accommodate the new crosswalk width, implementation of a "No Right Turn on Red" policy.
- Construction of a second or third level truss bridge to span over US-1, just west of SW 27th Avenue to be further evaluated.

### Dadeland North Metrorail Station:

- At- Grade Improvements: new pedestrian signals, new pedestrian curb ramps, new pedestrian refuge area in the median, combined high emphasis crosswalks with bicycle crossing, upgraded pavement markings, No Turn on Red Signal, and new lighting.
- Identify and evaluate the existing bike network in order to provide a connected Bikeway. Complete, connected bicycle networks increase transit ridership and improve safety for all modes of traffic.

### Dadeland South Metrorail Station:

- At-Grade Improvements: upgraded pavement markings, reconstructed ADA-compliant pedestrian curb ramps, and "Use Crosswalk" signs.
- Construction of a pedestrian bridge over US-1 at the Transit-Oriented Mixed-Use new development location.