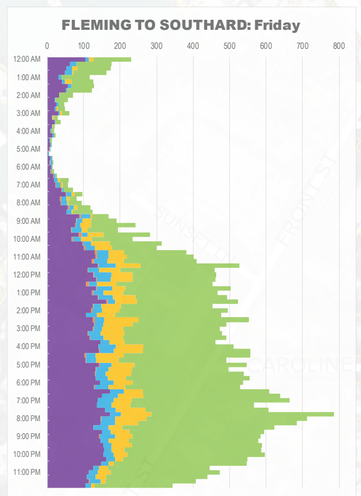
HOW PEOPLE TRAVEL ON DUVAL STREET

The Duval Street corridor is one of Key West's most heavily traveled, but most people are traveling on foot. This map and diagrams illustrate how many people travel by what mode, and how this changes across the day and at a variety of locations on a typical high-season Thursday and Friday.

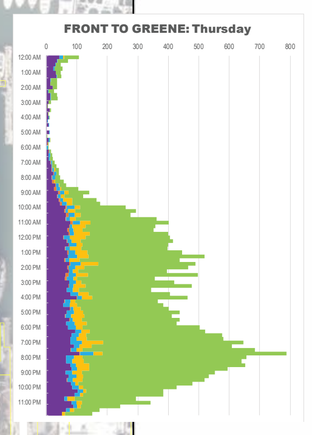
READING THIS POSTER'S GRAPHS

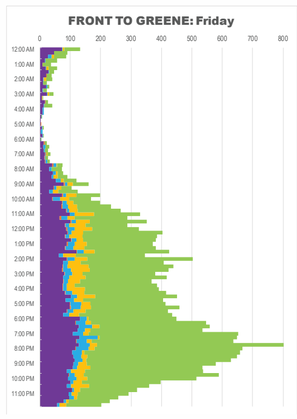
The graphs on the right illustrate the number of people moving in both directions on Duval Street by major travel mode. These are stacked bar graphs—so the total number is all travel modes taken together—and each bar represents a 15-minute period of time.

Across the top is the total number of people traveling.

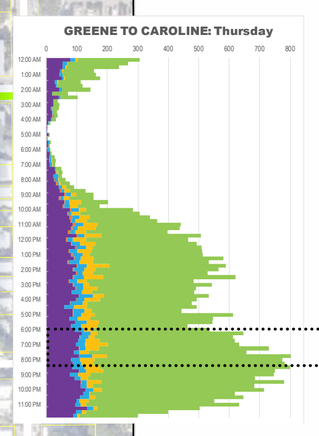


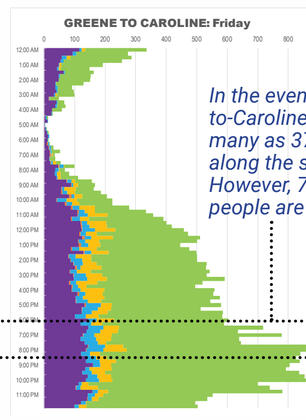
Between Front and Greene Streets
4,700 - 6,100 travelers in cars
16,600 - 18,100 travelers on foot





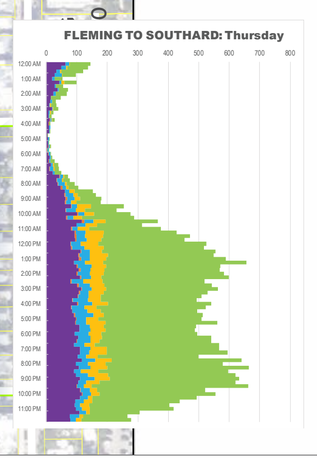
Between Greene and Caroline Streets
6,200 - 8,000 travelers in cars
24,200 - 24,500 travelers on foot

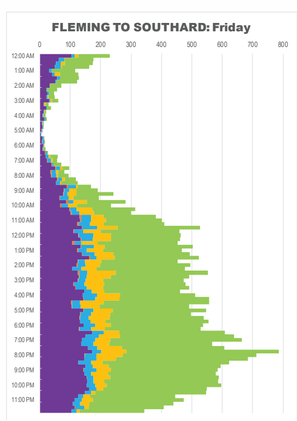




In the evening, the Greene-to-Caroline block features as many as 3700 people moving along the street in a single hour. However, 75 percent of these people are traveling on foot.

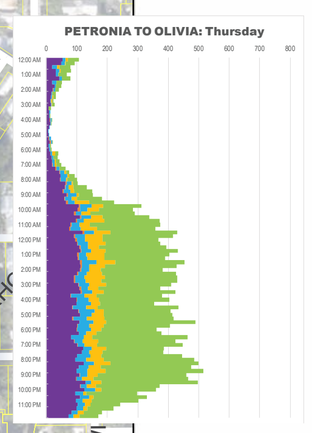
Between Fleming and Southard Streets
6,600 - 8,800 travelers in cars
18,000 - 19,700 travelers on foot

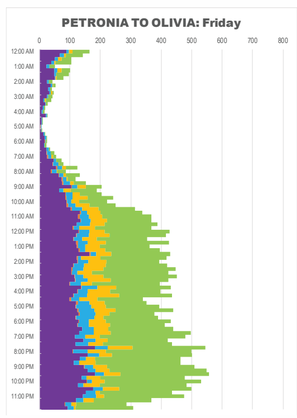




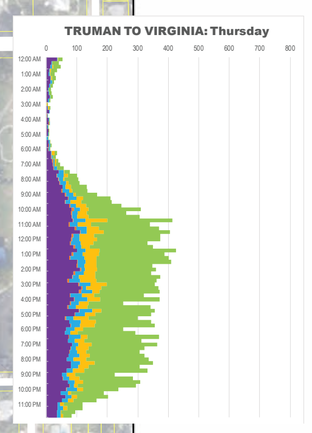
WHAT THE GRAPH COLORS REPRESENT

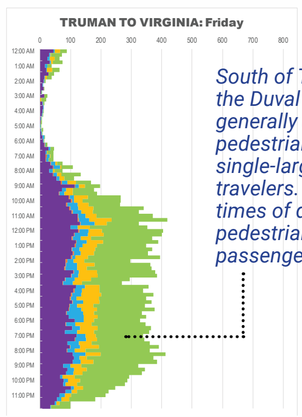
Between Petronia and Olivia Streets
6,800 - 8,600 travelers in cars
12,600 - 12,900 travelers on foot





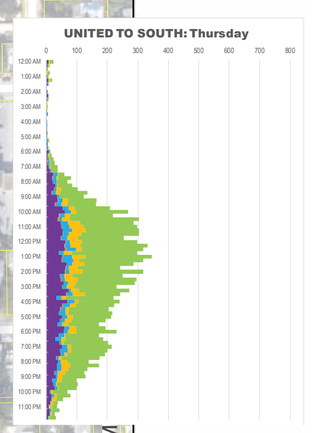
Between Truman and Virginia Streets
5,100 - 6,400 travelers in cars
10,000 - 10,500 travelers on foot

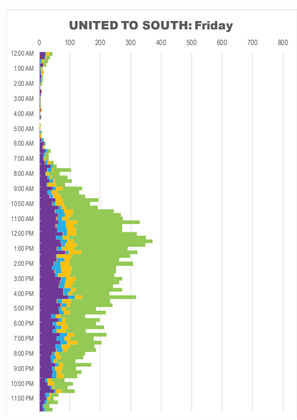




South of Truman Avenue, the Duval Street corridor is generally less busy, though pedestrians are still the single-largest group of travelers. In the busiest times of day, there are two pedestrians for every car passenger.

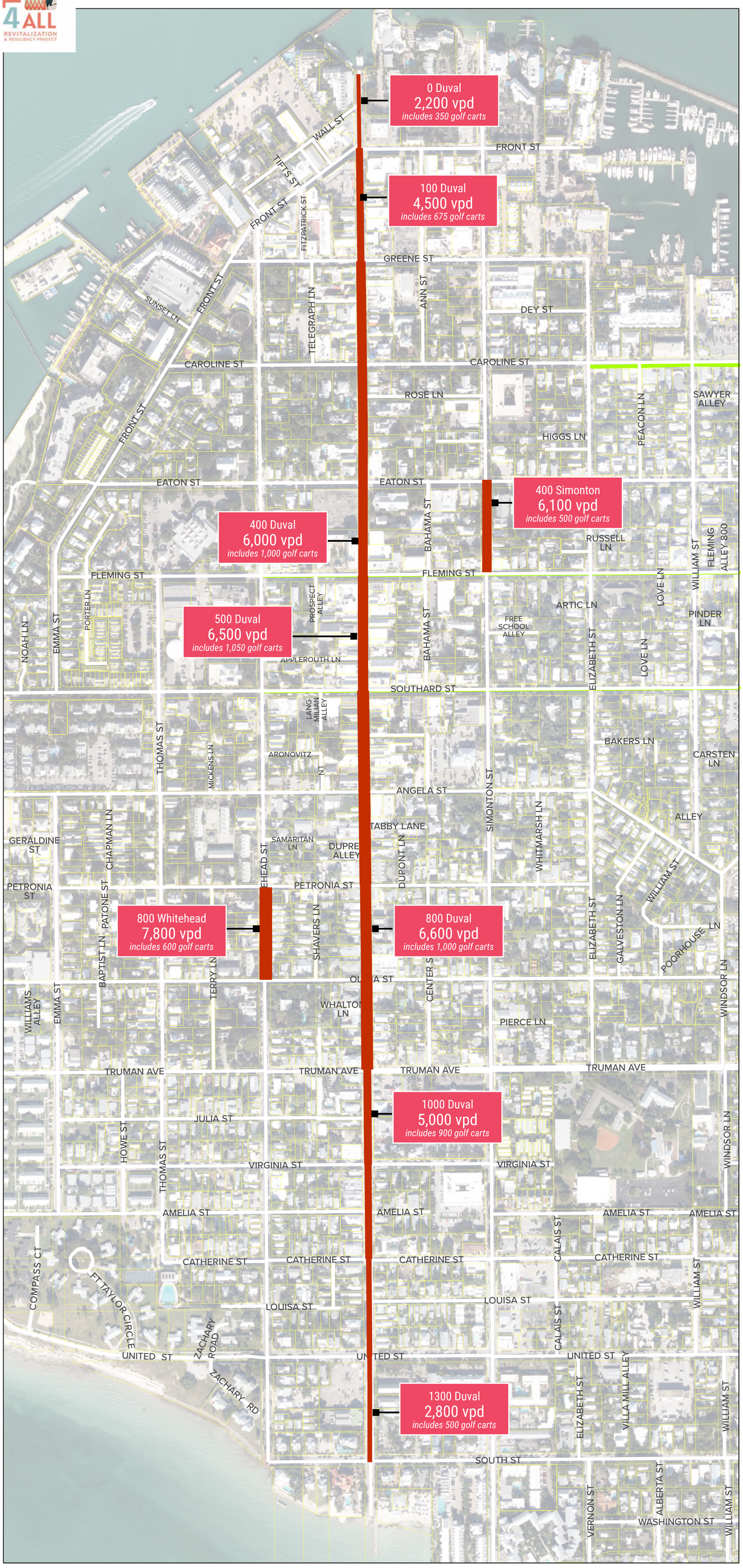
Between United and South Streets
2,700 - 3,400 travelers in cars
7,200 - 7,800 travelers on foot





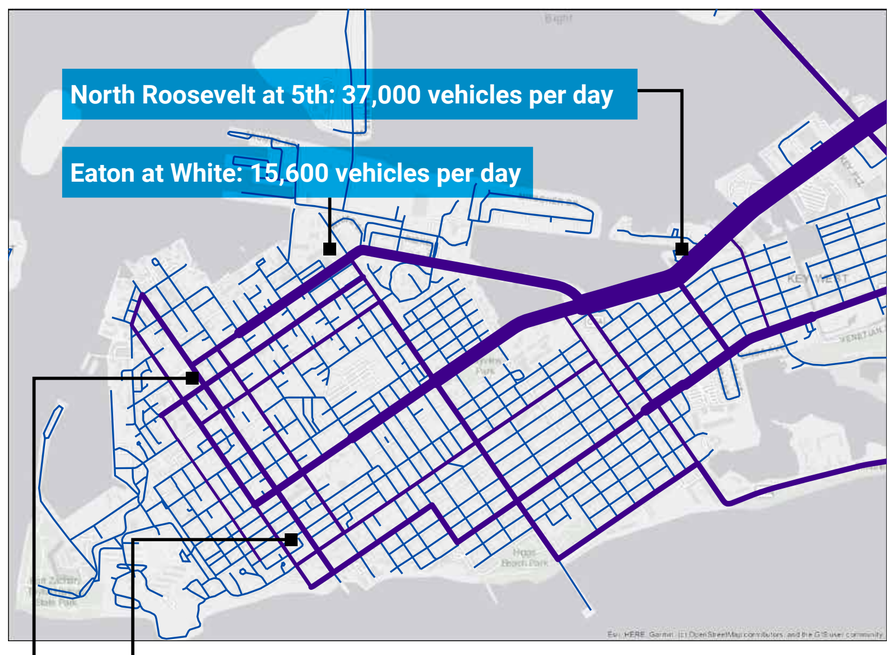
Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

DUVAL STREET TRAFFIC IN CONTEXT



Lower Duval Street carries around 5,000 cars and vehicles per day, and Upper Duval carries generally fewer (2,500 to 3,000).

What is the significance of that? Is it a lot? A little? The diagram here provides more detail on what that means and how other Key West streets compare—as well as other historic main streets in comparable Florida communities.



Las Olas Boulevard | Fort Lauderdale
10,000 vehicles per day

Park Avenue | Winter Park
5,500 vehicles per day

First Street | Fort Myers
7,200 vehicles per day

These comparable examples are in similar downtown Main Street environments to that of Duval Street. In general, when there is a well-connected grid of streets and blocks, traffic volumes tend to be more distributed than when all traffic relies on a few thoroughfare connections.

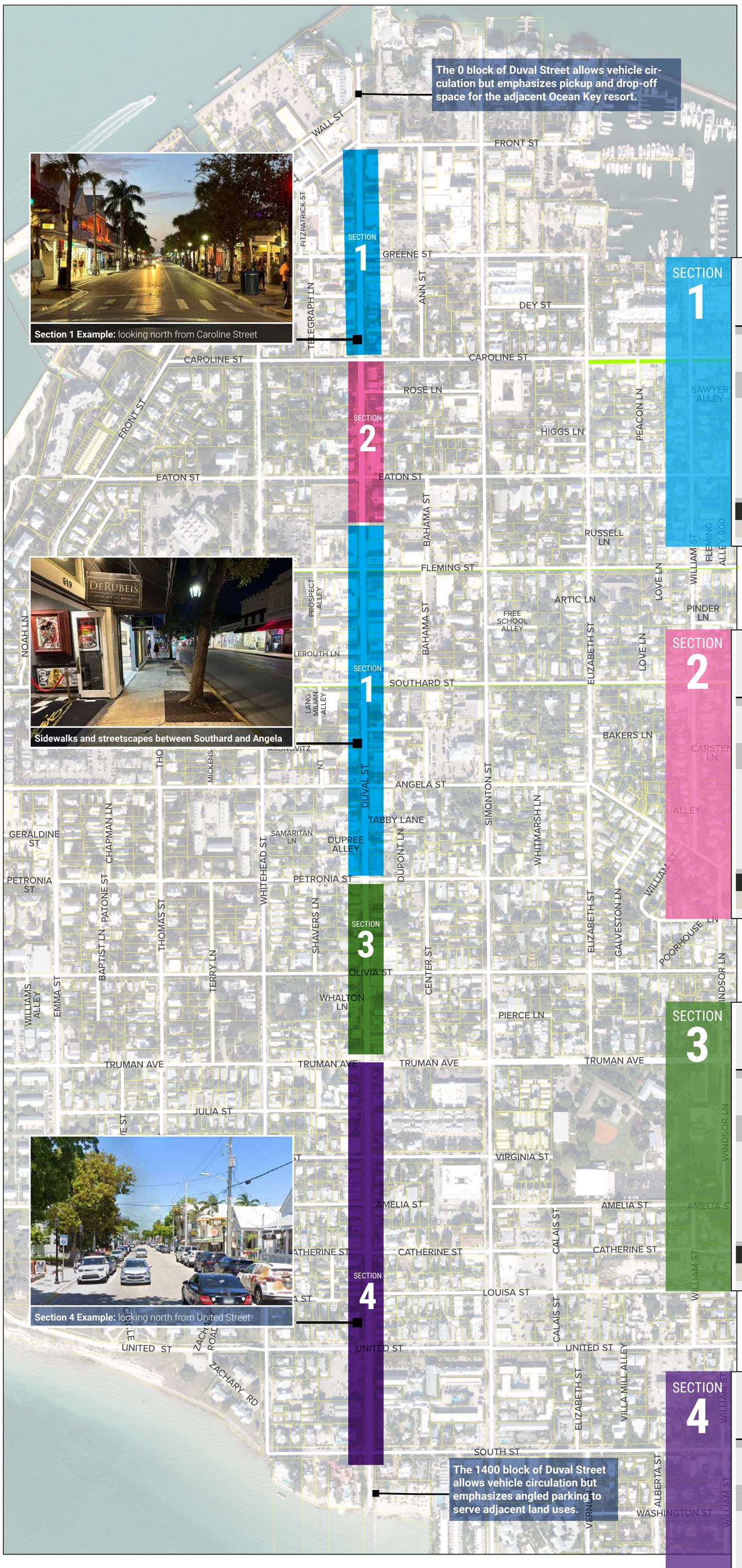
Duval Street Traffic Data Sources: Stantec Team/Quality Counts; counts taken March 2024

Florida Cities Traffic Data Sources: Florida Department of Transportation (2022)

Seventh Avenue | Ybor City, Tampa
5,900 vehicles per day

Fifth Avenue | Naples
5,000 vehicles per day

DUVAL STREET'S EXISTING STREET DESIGN



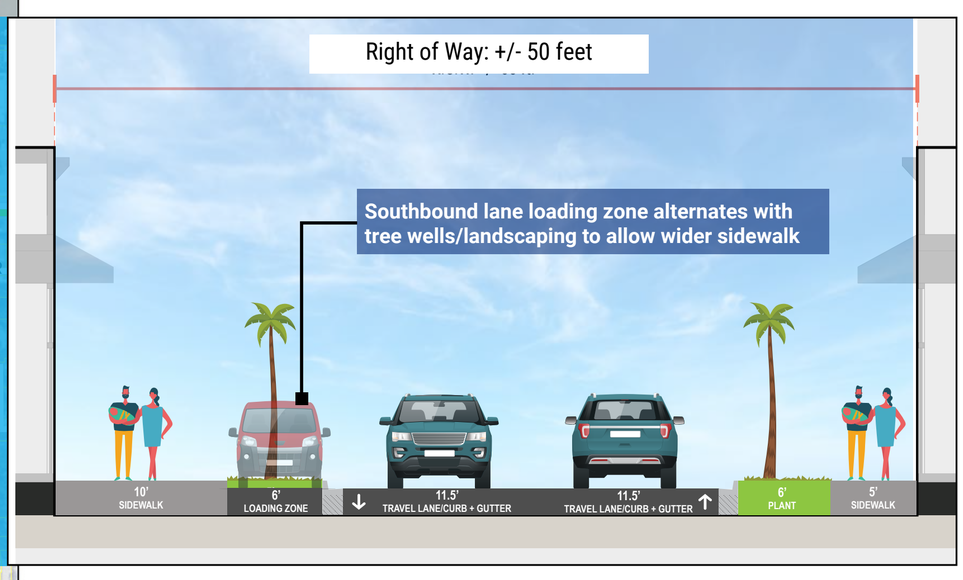
Section 1 Example: looking north from Caroline Street

Sidewalks and streetscapes between Southard and Angela

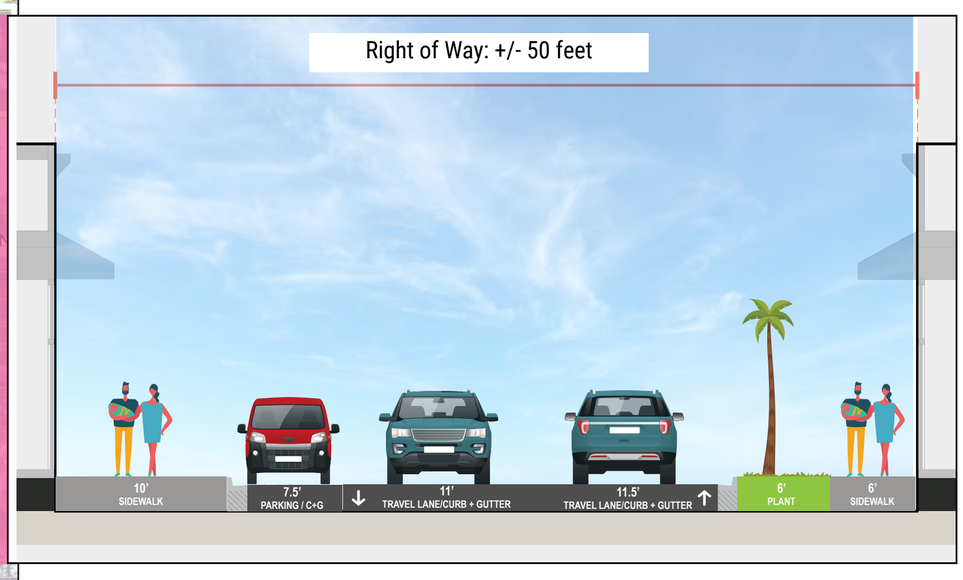
Section 4 Example: looking north from United Street

Although Duval Street's travel patterns change throughout the corridor, the street has a constant 50-foot right-of-way width from one end to the other. The way this 50 feet is allocated to different users changes throughout the corridor, as shown in the following section illustrations.

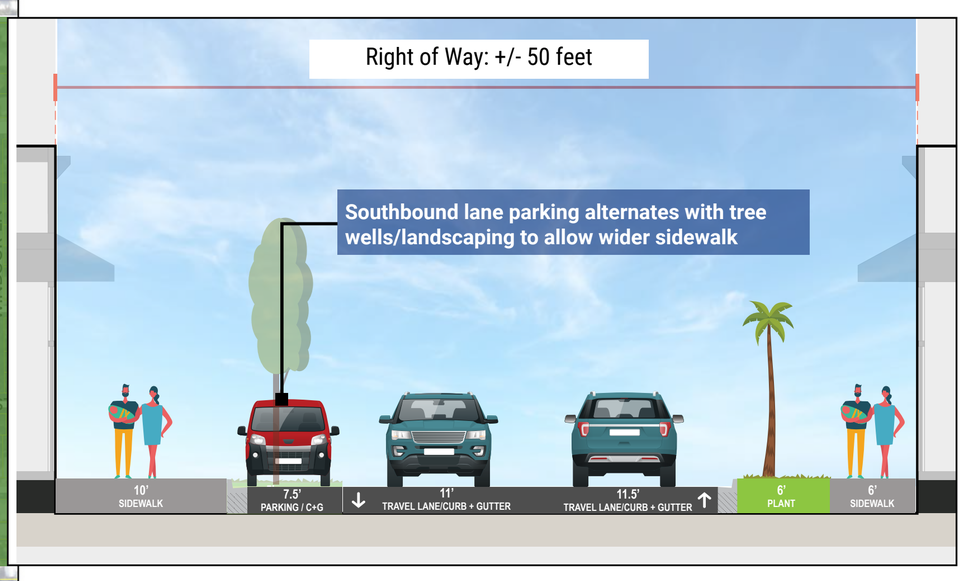
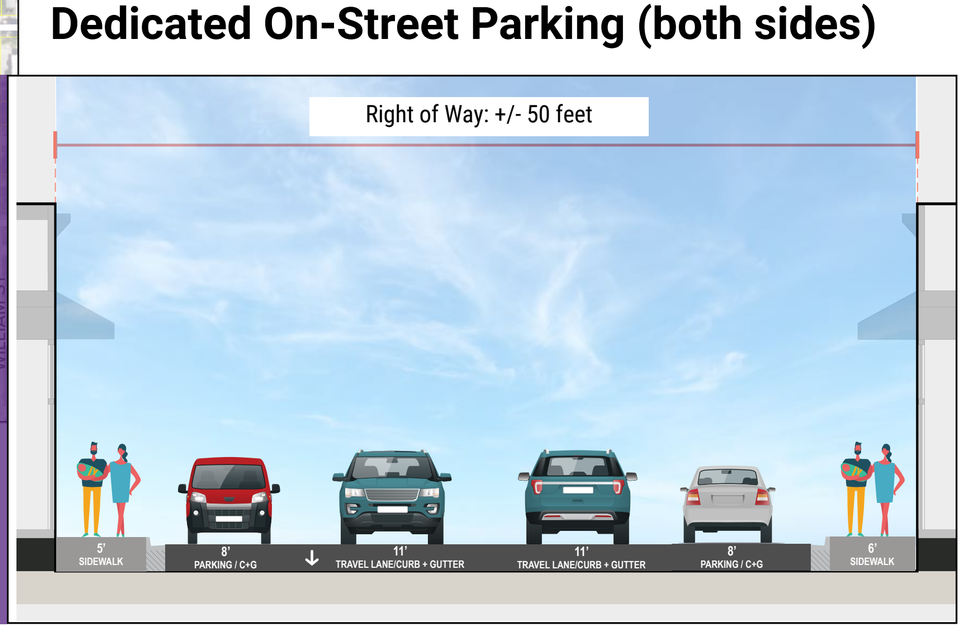
Loading Zones Alternating with Streetscape



Dedicated On-Street Parking (southbound)



Parking Alternating with Streetscape



Dedicated On-Street Parking (both sides)