

## Abstract

Traffic leaving the area of Laishley Park located north of the intersection of E Marion and Nesbit St is commonly congested due to one right-turn lane and a no ROR rule. It is proposed that the existing space on Nesbit be repurposed to include a 3-lane configuration with a dedicated right turn lane onto Marion in order to alleviate the congestion. Two additional solutions for future growth are suggested.

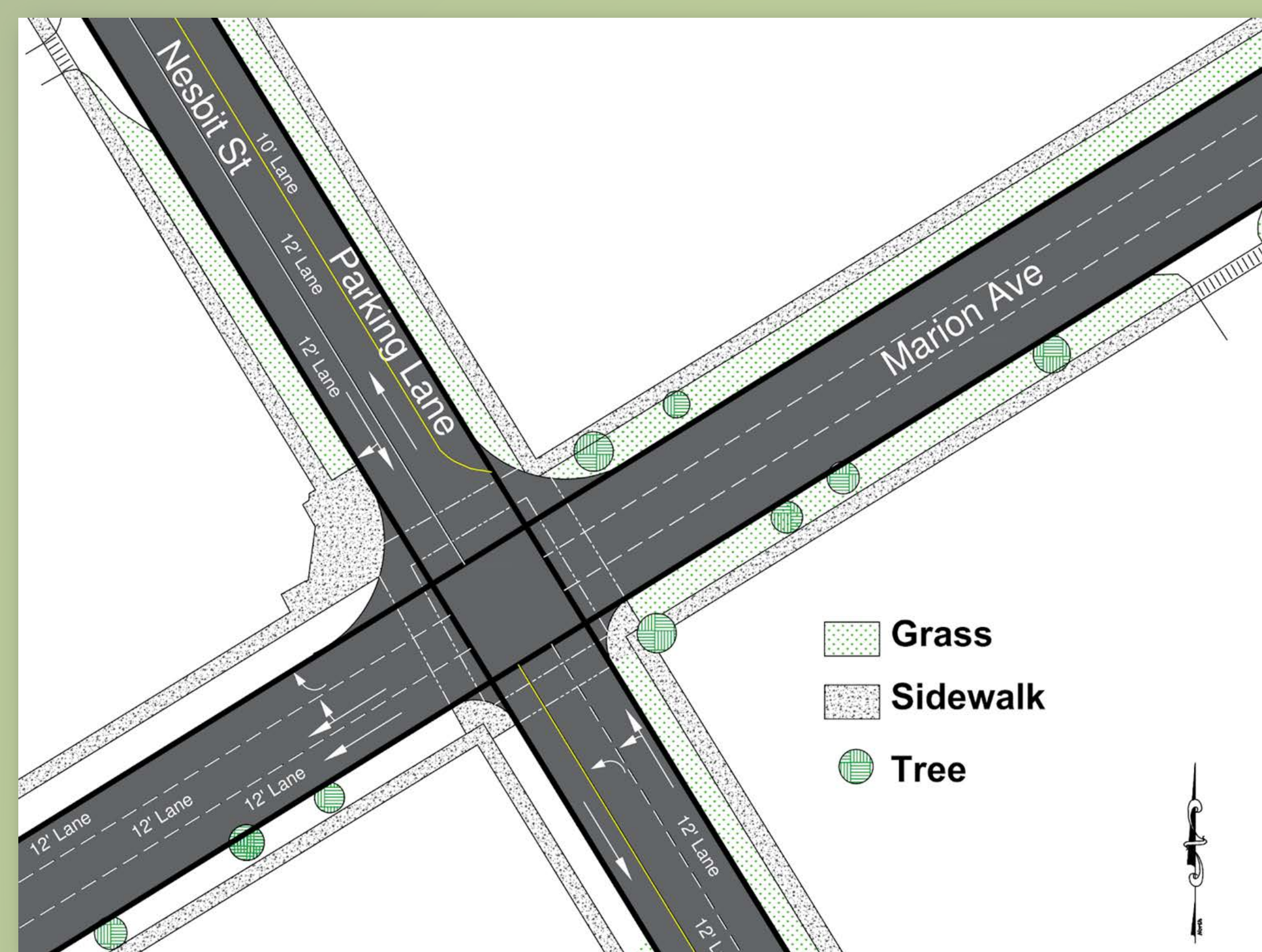
## Problem

Congestion at E Marion Ave. & Nesbit St.

- Laishley Park
- 50 Events a year
- Post Office
- No Right-on-Red rule
- **800 parking space capacity**

## Current Configuration

- **2 Lane Road**
- Parking Lane – 10 ft
- Northbound Nesbit Center Lane – 12 ft
- Southbound Nesbit Lane – 12 ft



Current Conditions of Intersection of E. Marion and Nesbit St.

## Traffic Flow (Before)

**8 veh/1.5 min**  
 5.33 veh/min  
 300 veh = **56 min**

## Traffic Flow (After)

**16 veh/1.5 min**  
 10.67 veh/min  
 300 veh = **28 min**

## Proposed Changes

- **3 Lane Road**
- Northbound Nesbit Lane – 12 ft
- Southbound Nesbit Center Lane – 10 ft
- Southbound Nesbit Lane – 12 ft



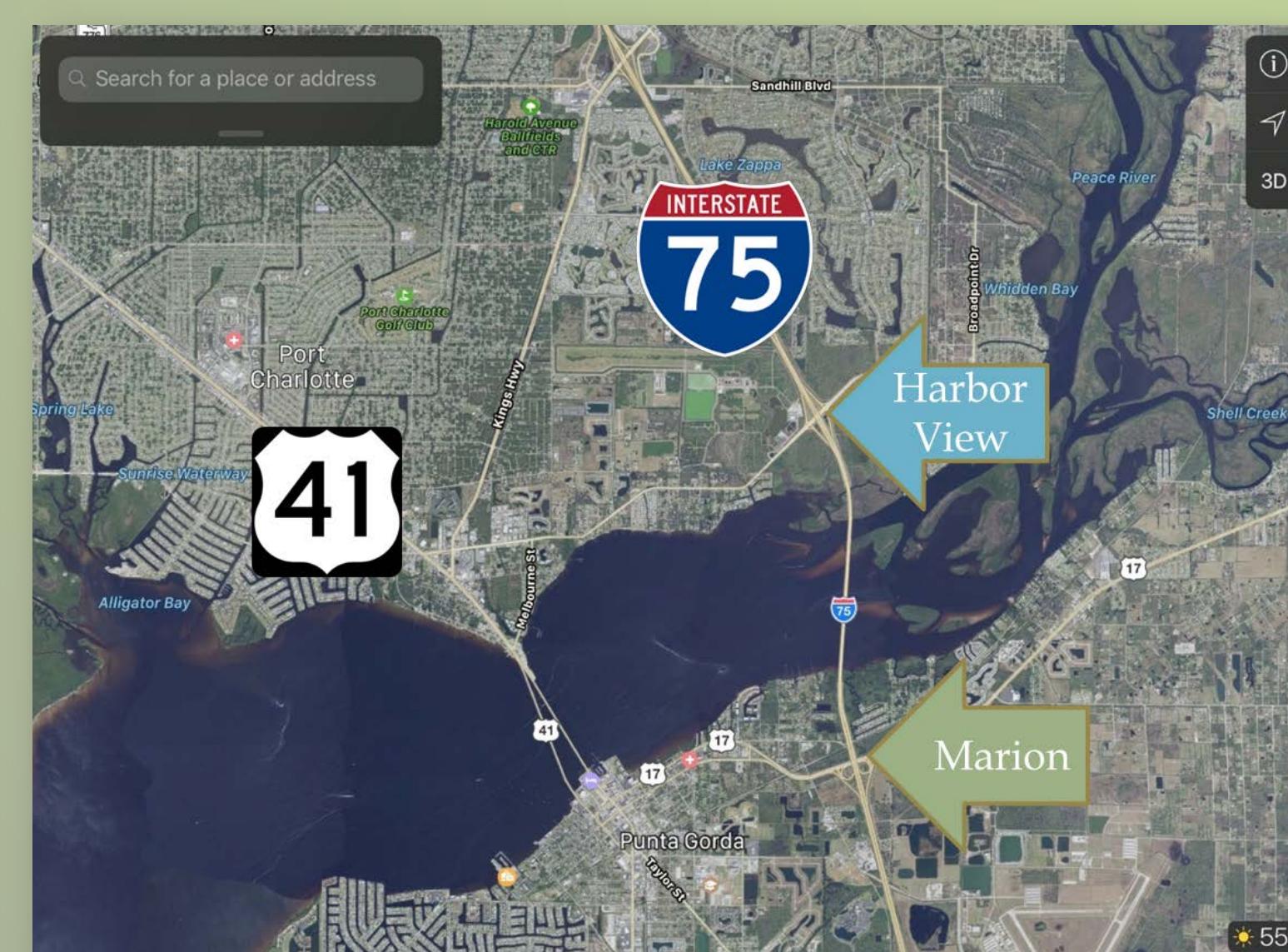
Proposed Conditions of Intersection of E. Marion and Nesbit St.

## Additional Solution 1

### Improve Harborview Rd.

**1000** more cars traveling N on 41 from Marion

- Leads to Charlotte Harbor in Port Charlotte
- Narrow, 2-lane Road
- Many drop-offs



I-75 Exits



Harborview Rd. Heading Towards I-75



E Marion Heading Towards Nesbit St.

## Additional Solution 2

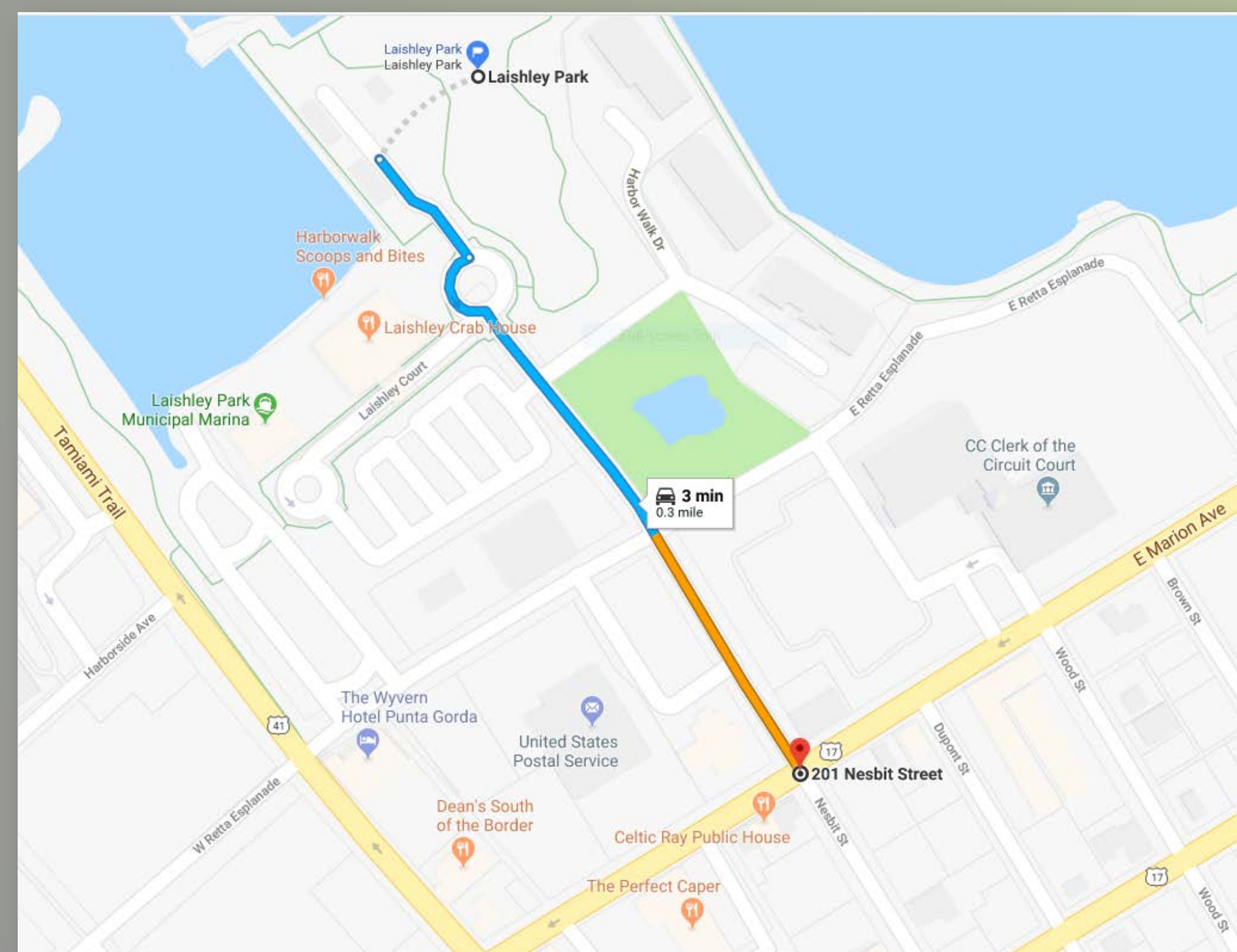
### Water Taxi

- Less than a mile across Peace River
- DOT owned parking on N side of bridge
- 3 Taxis (15 ppl.) = 60 ppl. in 40 min.

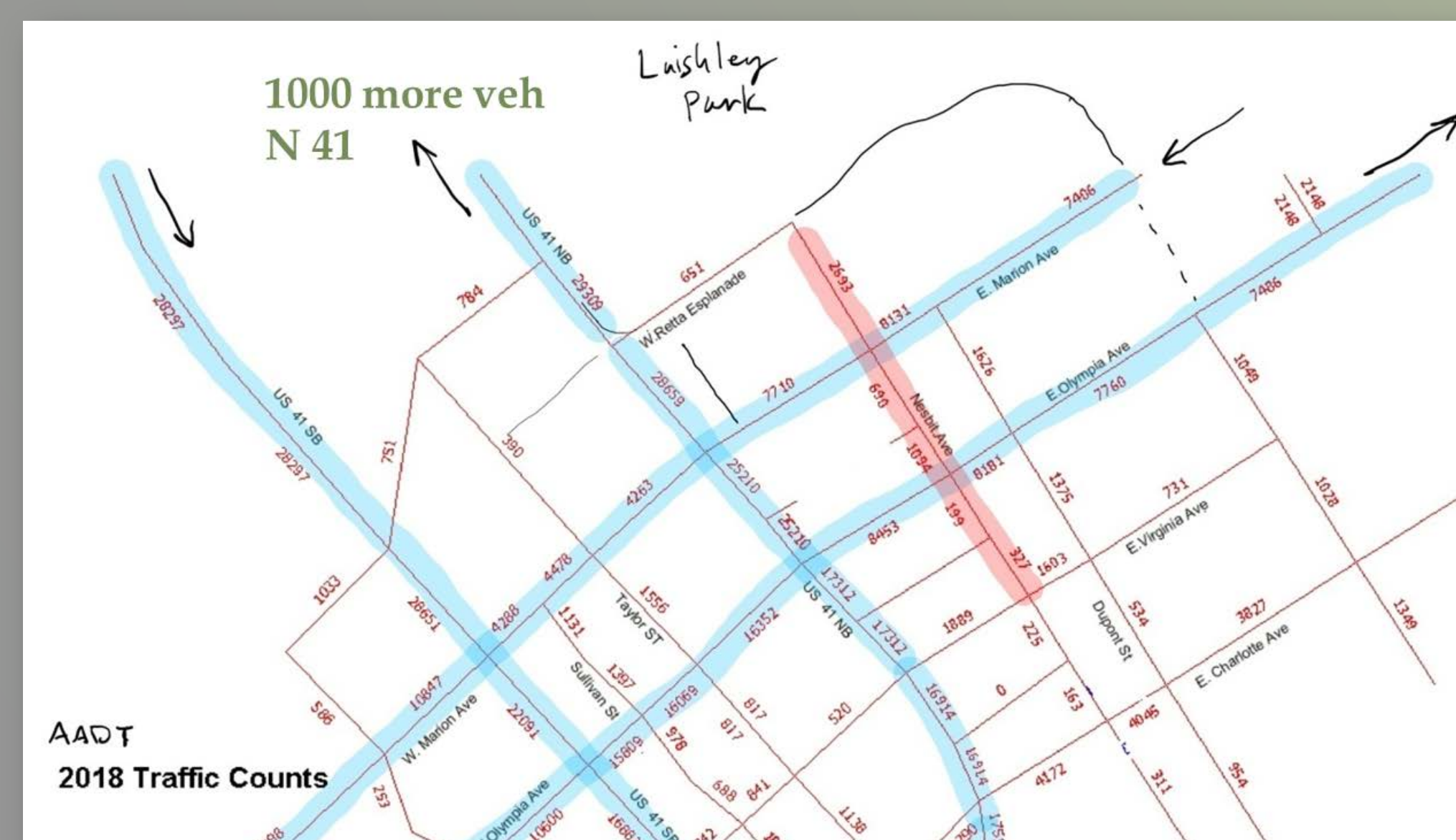


Propose Water Taxi Route – Laishley Park, Fisherman's Village and DOT Parking

Special thanks to our Mentor, Mitchel Austin, who helped us find a reasonable solution to a real problem in our community, and to: Lakshmi Gurram & Dr. Ashraf Badir



Aerial View of Laishley Park and intersection of E. Marion and Nesbit St



AADT Counts for Surrounding Area, 2018