

Crash Analysis Studio

Session 5: Bradenton, Florida

May 26, 2023



Today's Panelists

Ellen Zavisca

Danny Williams

Loren Lysen

Carl Jones

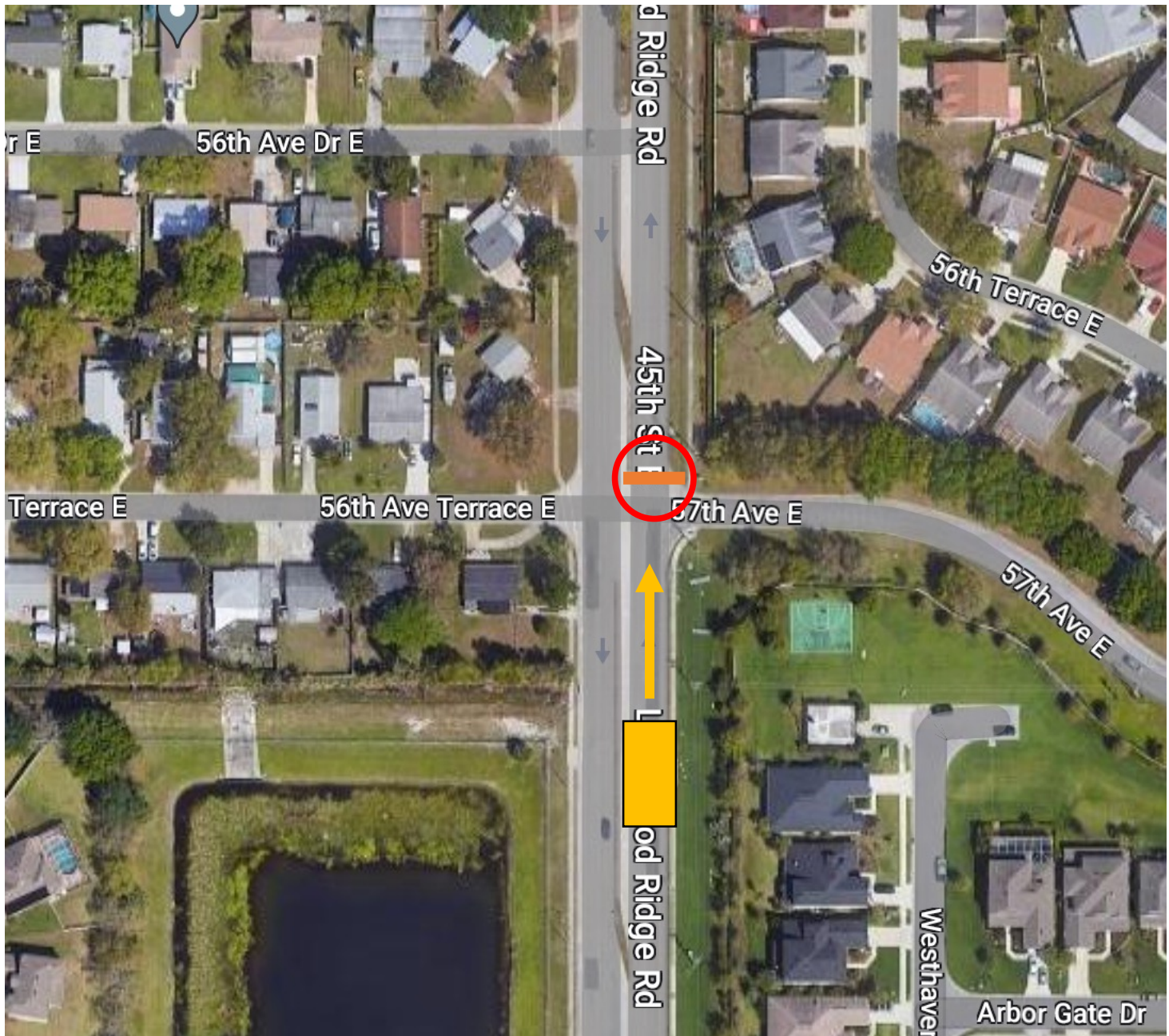
Chuck Marohn

Crash Information

- Bradenton man (76 y/o) fatally struck by a sedan after he crossed into the NB lanes of Lockwood Ridge Road
 - Pedestrian had been walking west on 57th Avenue East
 - Motorist was traveling in the left NB lane of Lockwood Ridge Road
- Occurred at approximately 9:09am on January 2, 2023
- Crash report indicates clear weather, and that the roadway was dry

Crash Information

- The posted speed limit documented by both the crash report and our nominator is 40MPH
- Pedestrian was crossing west – without a marked crosswalk – from 57th Avenue East to 56th Avenue Terrace East
- Collision occurred in the left (inner) northbound lane of Lockwood Ridge Road
- Pedestrian pronounced deceased at the scene at 9:19am
- Pedestrian's body came to final rest in the right (outer) northbound lane of Lockwood Ridge Road
- Motorist (80 y/o) suffered minor injuries



Crash Information

- No Driver's statement was included in the report
- Crash report indicates that:
 - Impairment tests were not administered
 - Two witnesses were present at the crash, though statements from them were not included in the document
- Media coverage makes no mention of charges or citations

Overall Site Conditions

- **Northbound & Southbound Lockwood Ridge Road**

- Each direction has 2 thru traffic lanes with one left turn lane at 57th Avenue intersection
- No marked crosswalks; 40mph speed limit
- Some areas have no sidewalks along the streets
- A stop sign is present on the north side of 57th Avenue East and the south side of 56th Avenue Terrace East (2-way traffic on both avenues)
- 3 weeks after this crash, another serious collision happened on Lockwood Ridge Road approximately 2 blocks north near 55th Avenue



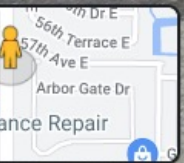


**Northbound View
Lockwood Ridge Road**



Alton Reserve

**Northbound Left Lane
Lockwood Ridge Road
750 feet south of Intersection**



Google

Motorist POV
Approaching Intersection w/ 57th Ave East



Lockwood Ridge

Motorist POV
Entering Intersection w/ 57th Ave East



**Nominator as NB Motorist
At Intersection w/ 57th Ave East**

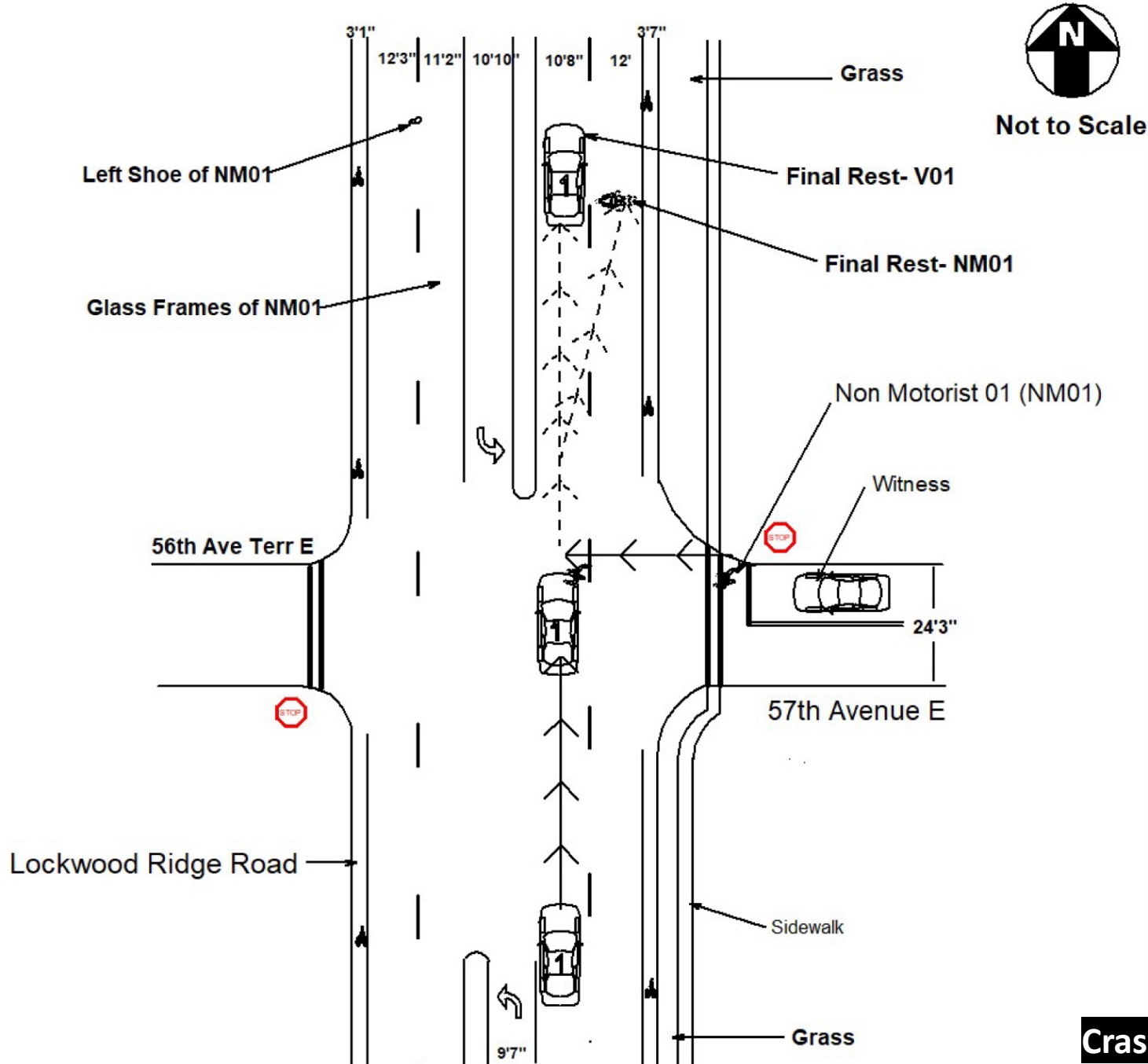


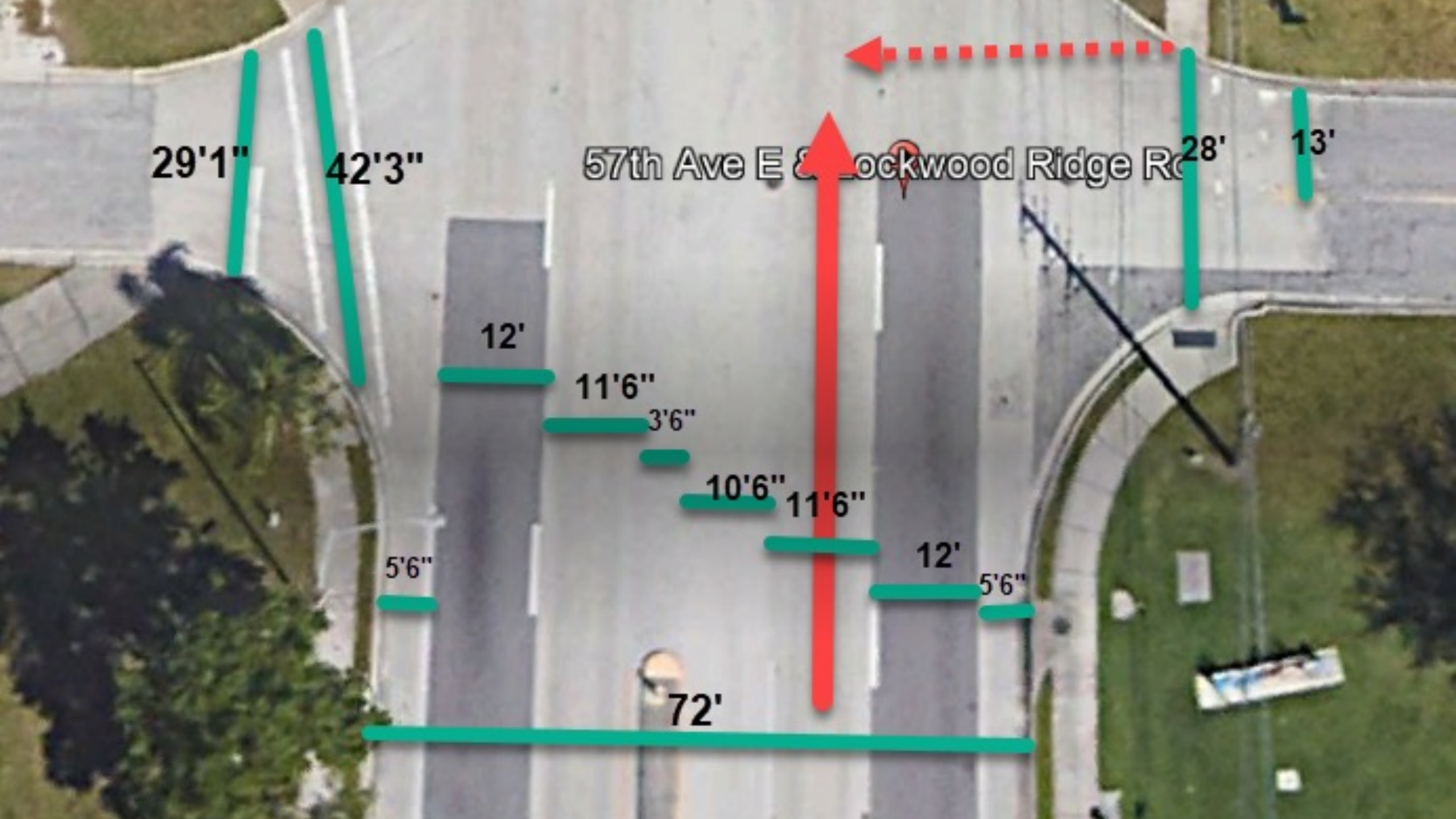
Westbound View

57th Avenue East



**Pedestrian POV Facing Southwest
Across Intersection**





29'1"

42'3"

57th Ave E & Lockwood Ridge Rd

28'

13'

12'

11'6"

3'6"

10'6"

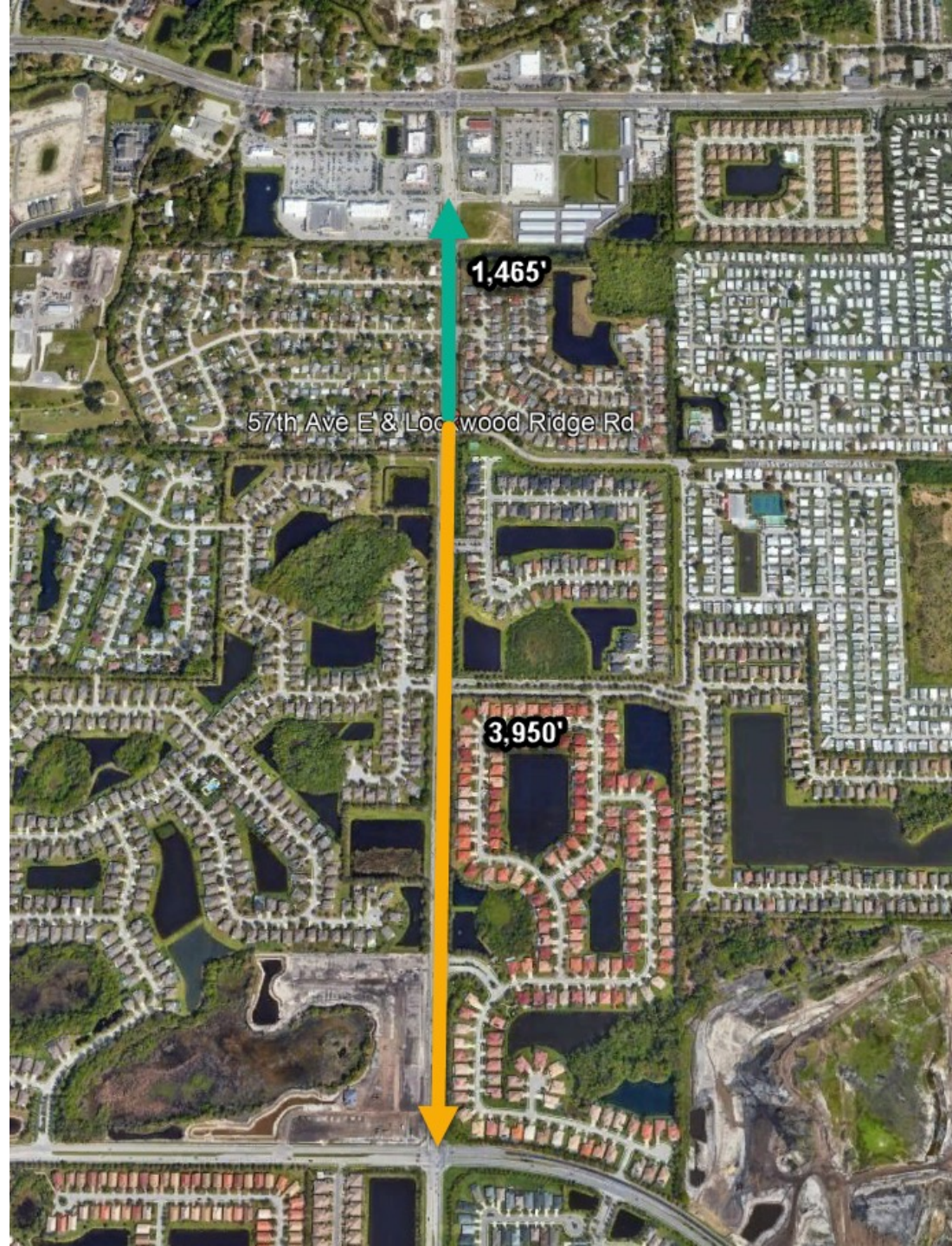
11'6"

12'

5'6"

5'6"

72'



57th Ave E & Lockwood Ridge Rd

1,465'

3,950'

Nearest East-West Crosswalks

1,465 feet to the North

3,950 feet to the South

Nearest Signalized Intersections

(Google Maps)

1,465 feet to the North

Appx. 4224 feet to the South



**Pedestrian POV
Full Intersection (SE → NW)**



**Pedestrian POV Facing West
Across Intersection**

Overall Site Conditions

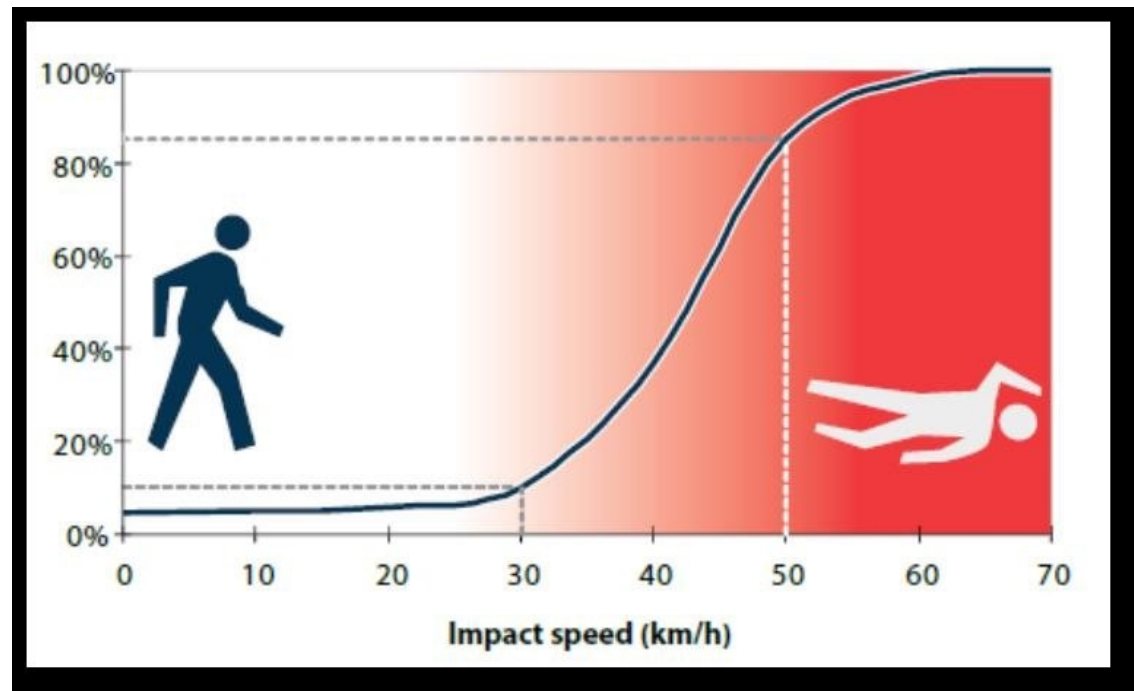
- Suburban development pattern; primarily residential with some retail use
 - Proximity to Publix, Walmart, Aldi, Wawa
 - Crash location adjacent to Gold Tree, a resident-owned community
- Street Blocks surrounded by major roadways on three sides
 - I-75 to the East
 - State Road 70 (53rd Ave E) to the North
 - State Road 301 to the West
- Significant distances between marked (E ->W) crosswalks across Lockwood Ridge Road

Overall Site Conditions

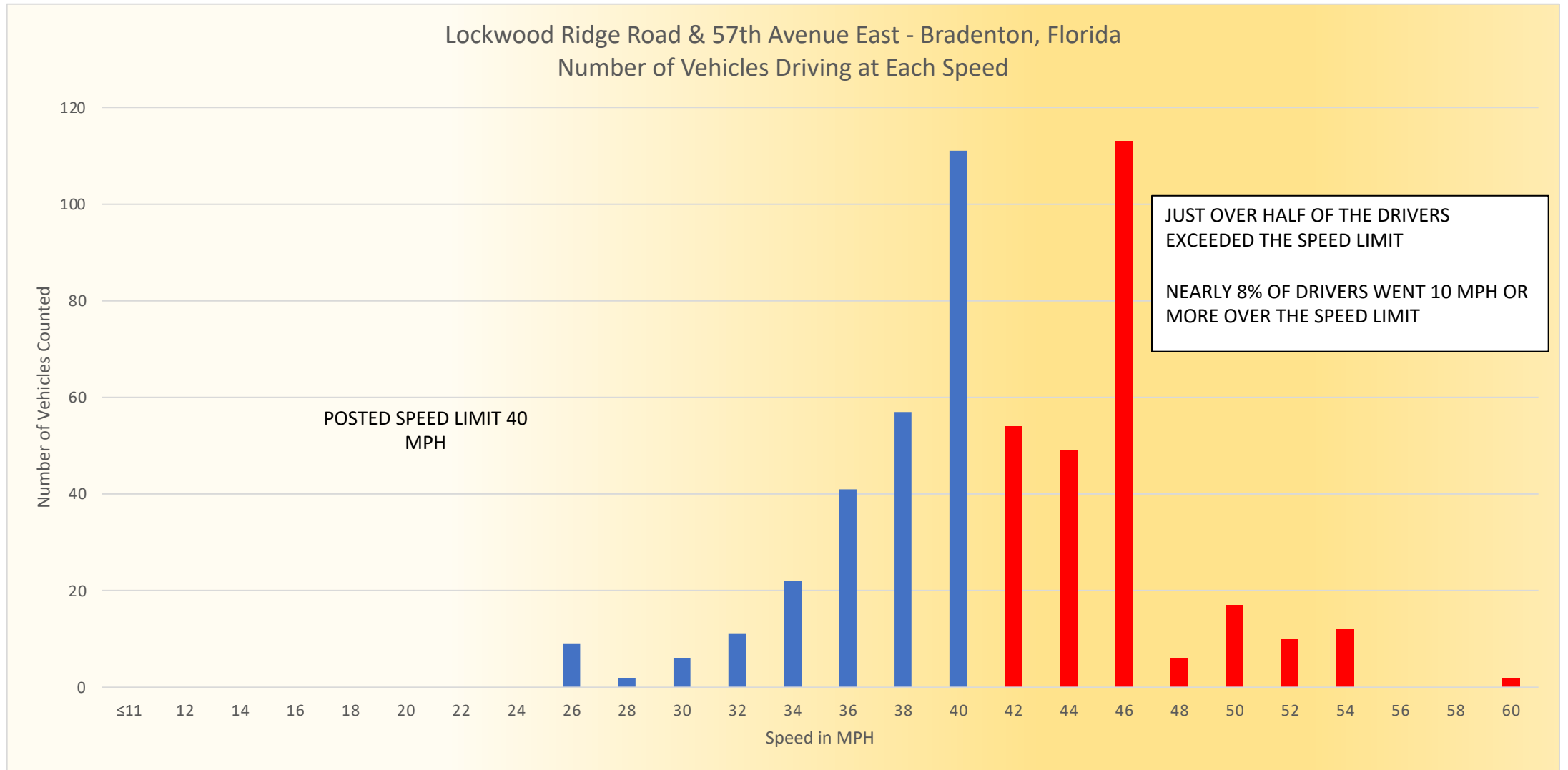
- Preliminary Speed Study indicates significant number of automobiles traveling at fatal speeds

The effects of higher speed limits on traffic fatalities in the United States, 1993–2017.

-Insurance Institute for Highway Safety



Speed Data



*85th percentile speed = 46 MPH

Acknowledgements & Special Thanks

- Our Panelists
- Sarasota Strong Towns member, nominator, and panelist Danny Williams
- Brian Toone (brtoone@samford.edu) for his assistance with the speed study and radar data
- Strong Towns Staff