

Crash Analysis Studio

Session 12: Rochester, New York

December 15, 2023



Today's Panelists

Preston Buehrer

Evan Lowenstein

James Dietz

Edward Erfurt

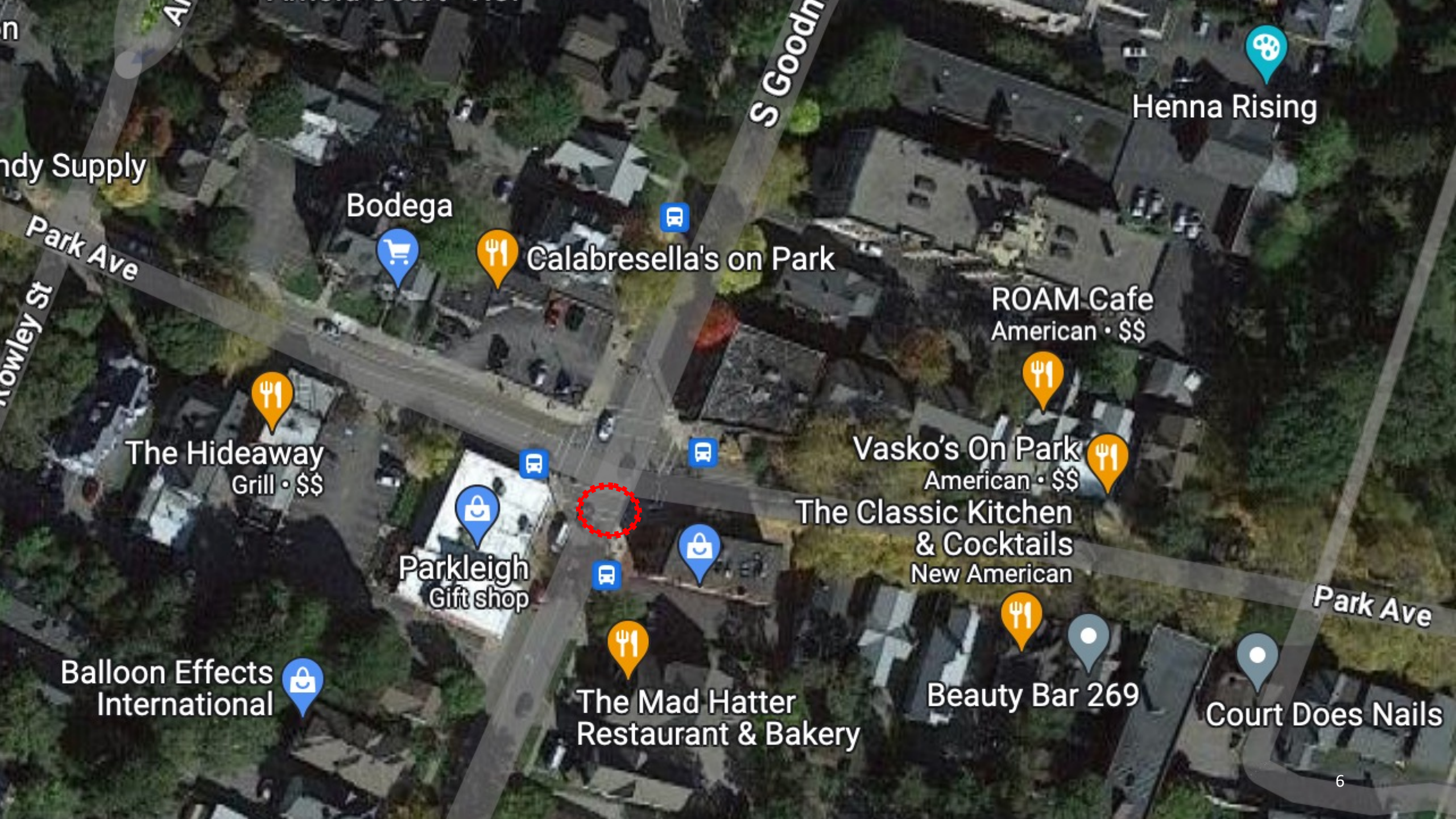


Crash Information

- Edgar Santa Cruz and his dog Rosie were westbound crossing the south side of Park Avenue when they were struck by Master Bevel, who ran a red light while driving northbound on South Goodman Street.
- Crash occurred at 5:51pm on December 22, 2022
 - Santa Cruz was transported to Strong Memorial Hospital; his time of death was listed as 6:28pm. Rosie died at the scene of the crash.
 - Bevel left the scene of the crash and was arrested the next day
- Weather reports indicate it was cloudy, rainy, and dark in Rochester that evening.

Crash Information

- Evan Lowenstein documented the South Goodman Street speed limit is posted at 30 mph
- Crash report diagram indicates that Santa Cruz was struck on the east crossing segment on the south side of the intersection
- Bevel was indicted in March on charges of manslaughter
- An article released on November 29th indicates Bevel pleaded guilty and will serve somewhere between two and six years in prison



ndy Supply

Park Ave

Howley St

S Goodn

Henna Rising

Bodega

Calabresella's on Park

ROAM Cafe
American • \$\$

The Hideaway
Grill • \$\$

Vasko's On Park
American • \$\$

Parkleigh
Gift shop

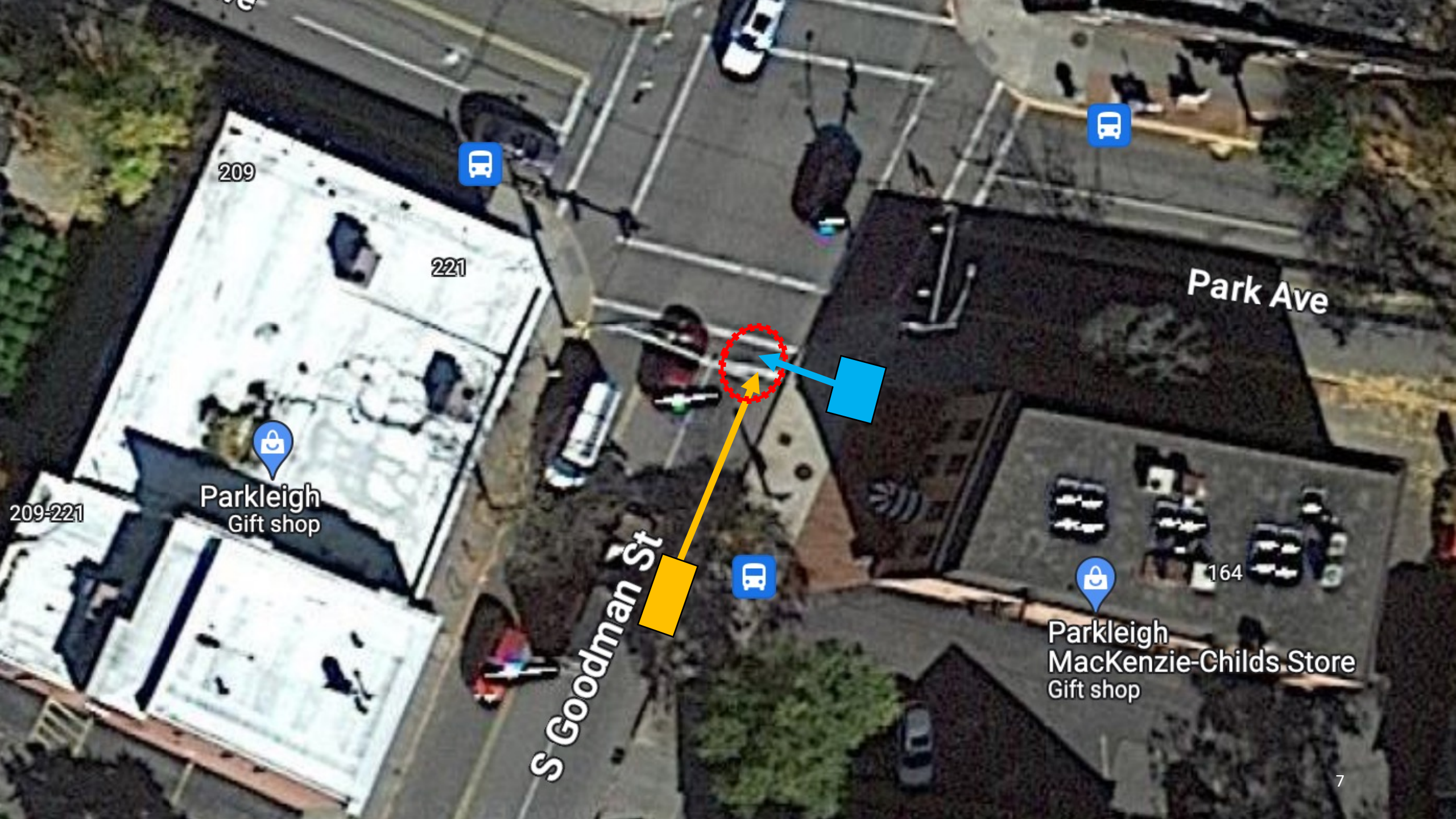
The Classic Kitchen
& Cocktails
New American

Balloon Effects
International

The Mad Hatter
Restaurant & Bakery

Beauty Bar 269

Court Does Nails



209

221

Park Ave

Parkleigh
Gift shop

S Goodman St

Parkleigh
MacKenzie-Childs Store
Gift shop

164

Overall Site Conditions

- The crash location segment of **South Goodman Street** consists of sidewalks on either side, a through traffic lane in each direction (north & south), and a center lane for left-hand turns
- Streetlights are placed over the traffic signals on all four legs of the intersection with Park Avenue
 - Traffic signals do not appear to be back plated
- Crosswalks are painted; pedestrian push buttons and signals are present and easily identified
 - Stop bars are striped at the intersection



Intersection & Collision Location



Crash Location from Southeast Corner



**Northbound Motorist
Approaching Intersection**

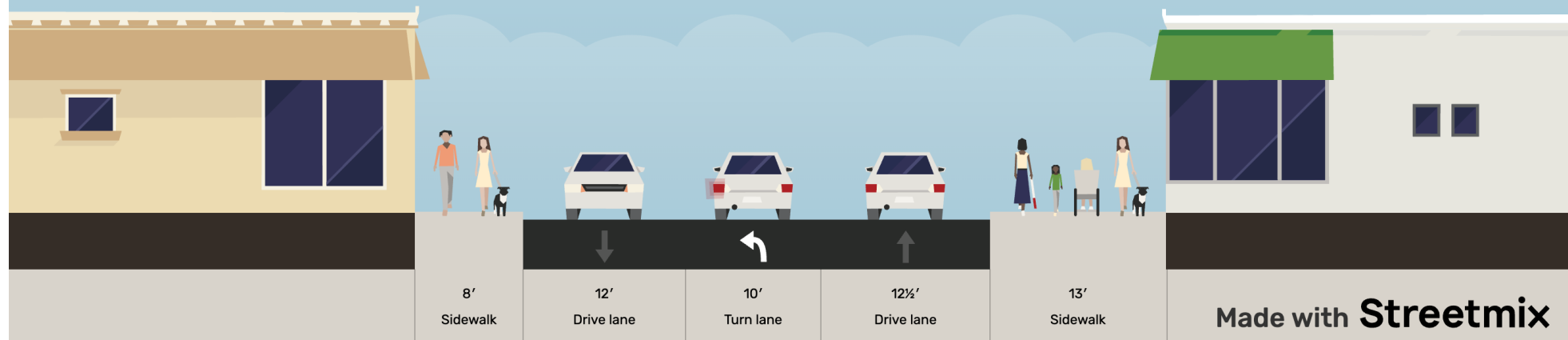


**Northbound Motorist
Entering Intersection**



Intersection View – Looking Southeast

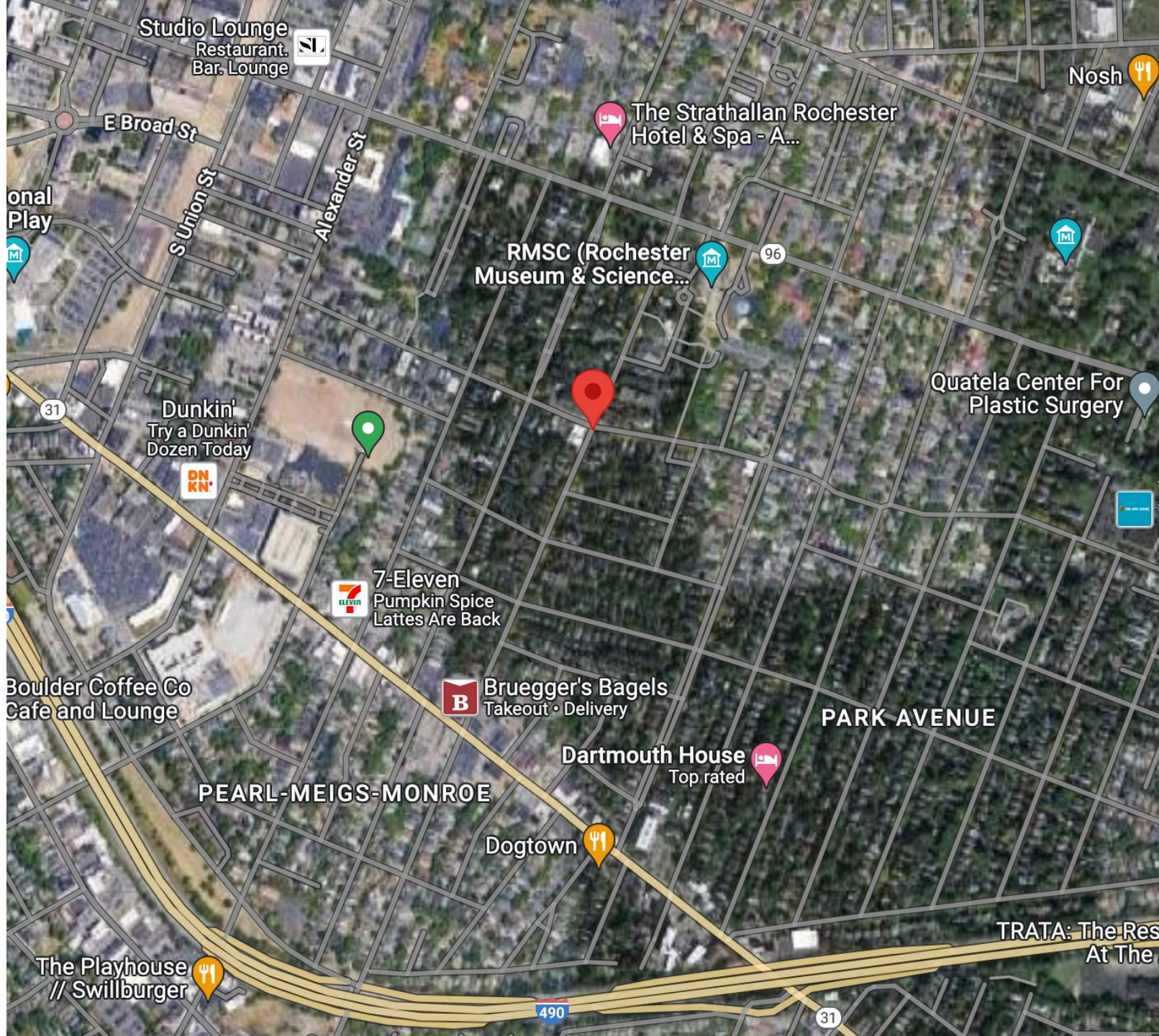
South Goodman Street (NB)



Pavement Width: 34.5'
Sidewalk to Sidewalk – 55.5'

Overall Site Conditions

- Compact walkable urban development pattern
- Crash Location is north of State Route 31 and Interstate 490; south of State Route 96
- Multiple buses stop at this intersection and the area surrounding it
- Mixed residential and commercial uses, including multiple restaurants



Overall Site Conditions - Continued

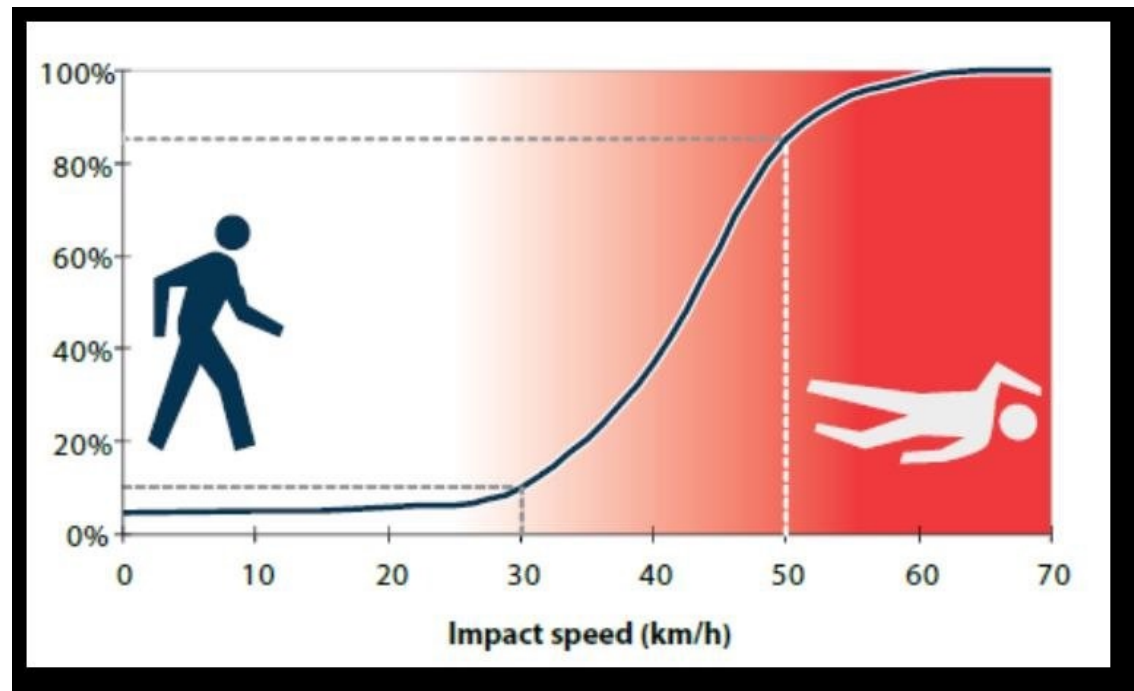
- Park Avenue is due for Milling & Resurfacing Project in 2024
- As part of Milling & Resurfacing, Monroe County Department of Transportation (MCDOT) has recommended:
 - Replacing crosswalks with high-visibility Type L crosswalk markings (to be implemented during this project)
 - Reflective backplates be added to traffic signals to improve visibility
 - Accessible pedestrian signal buttons be installed
- MCDOT did not recommend further changes to lane configuration or traffic signals

Overall Site Conditions

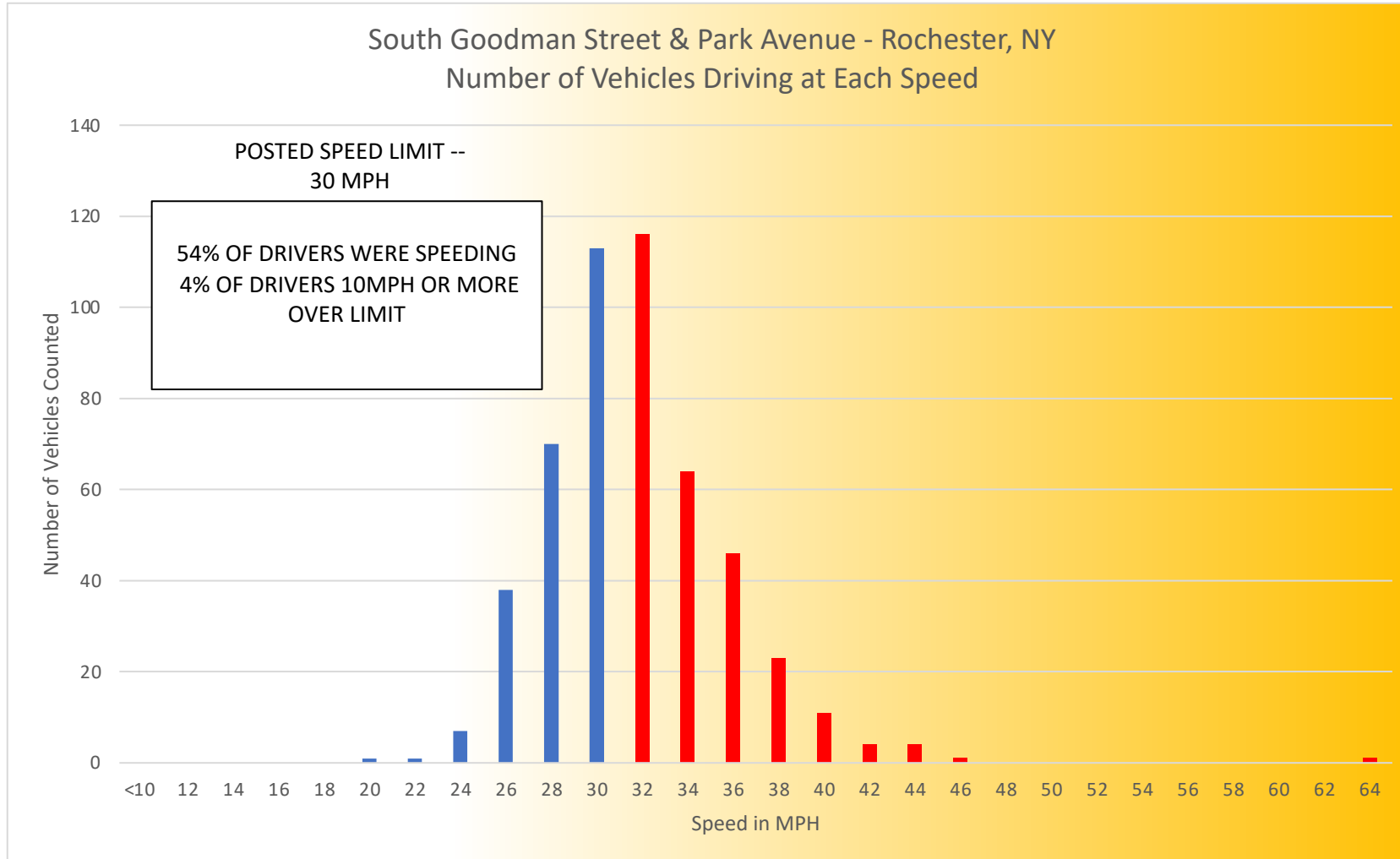
- Preliminary Speed Study indicates significant number of automobiles traveling at fatal speeds

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 = 36 MPH
500 cars tracked

Acknowledgements

- Panelists Preston Buehrer, Evan Lowenstein, James Dietz, and Edward Erfurt
- Special thanks to Evan Lowenstein for nominating this crash, gathering data, and organizing resources
- Rochester city staff, community members, and other colleagues who helped us prepare for this session
- Strong Towns Staff