

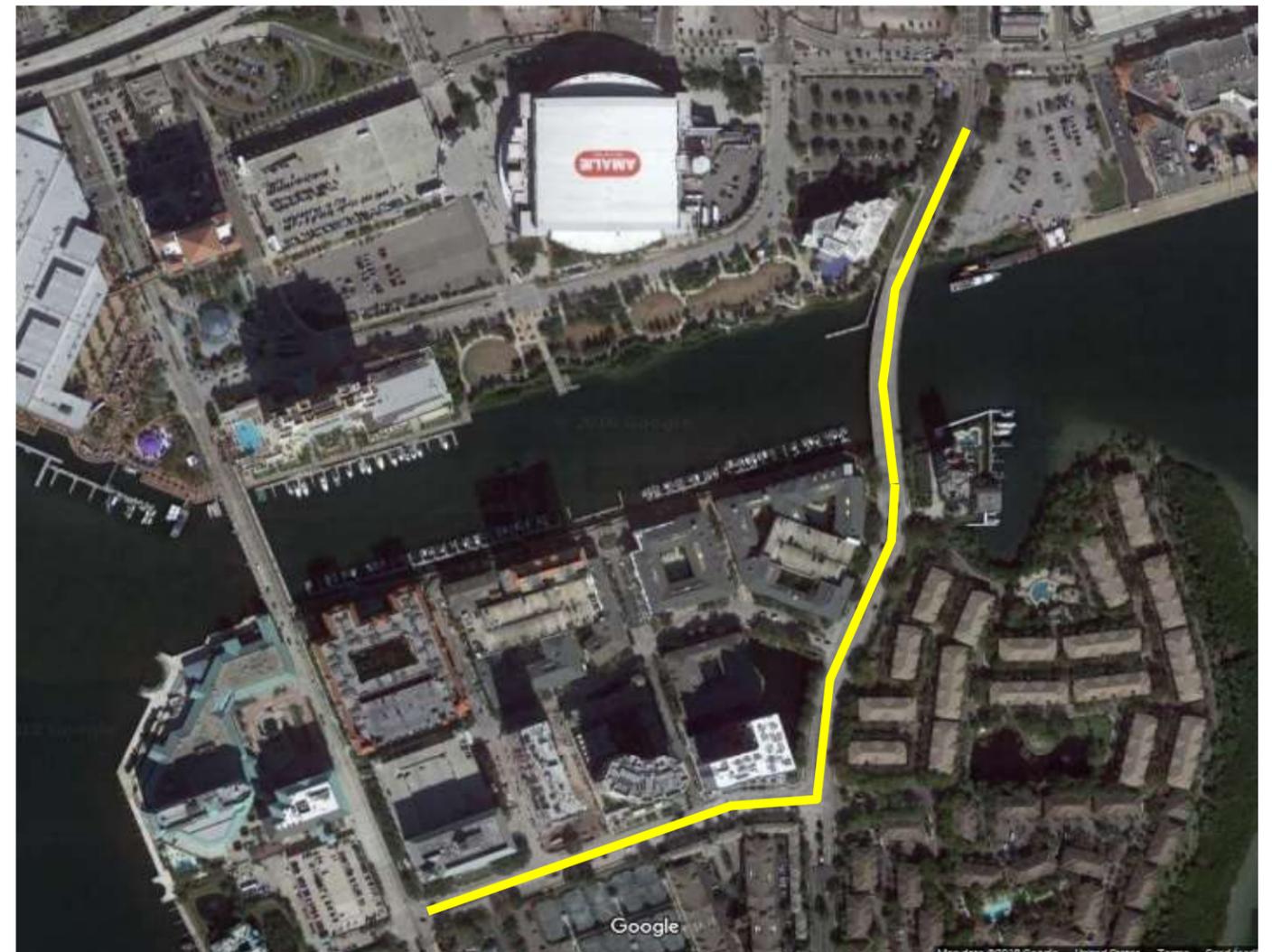
HARBOUR ISLAND COMPLETE STREETS – City Project #1001162

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- Jean Duncan, P.E., Director
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Knights Run Ave and Beneficial Dr

WHAT IS THIS PROJECT?



What it is...

- Rehabilitates the pavement
- Calms traffic by narrowing lanes and lowering posted limit
- Provides for multi-modal transportation by installing bike lanes.
- Install multiple raised pedestrian crosswalks to make the area safer for pedestrians.

What it isn't...

- This is not a project to install sidewalks.
- This is not related to the Wastewater Pipeline project.

EXISTING PAVEMENT CONDITIONS

Knights Run Ave



Beneficial Dr



- Traffic Volumes:
 - Beneficial Dr. (2015)= 16,560 AADT
 - (2010)= 5,238
 - Knights Run Ave. (2015)= 10,500-15,389 AADT

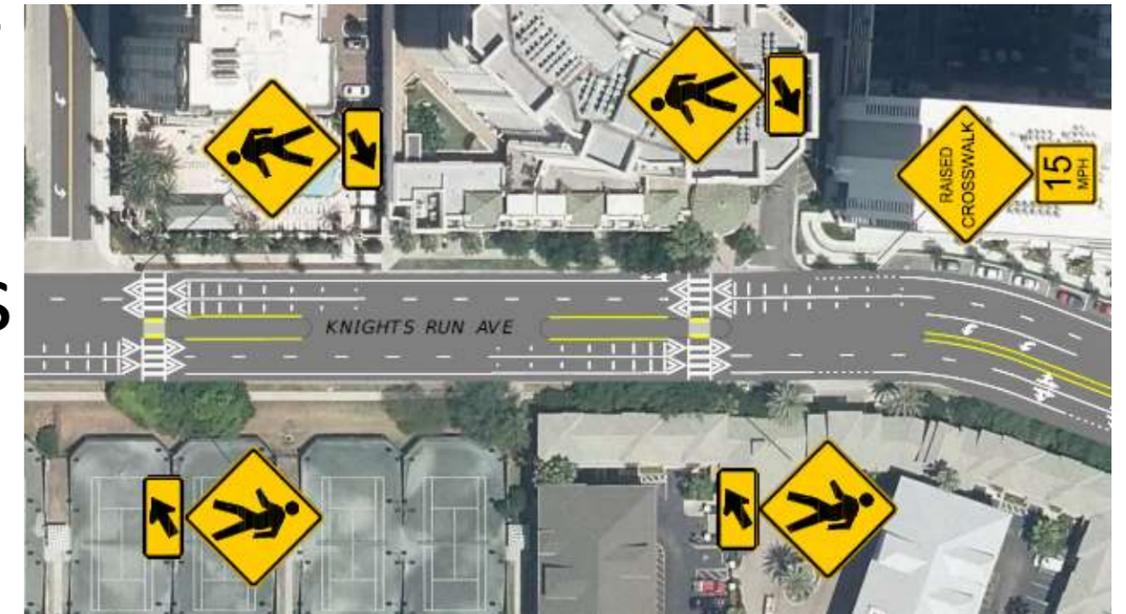
PROJECT INITIATION & BACKGROUND

- The City has received many requests to provide traffic calming on the island, improve pedestrian and bike safety.
- Resurfacing was not scheduled for this year. The multimodal features of the design actually justified the resurfacing.



TRAFFIC CALMING & COMPLETE STREETS PROPOSED IMPROVEMENTS

- Raised Pedestrian Crossings, enhancing pedestrian safety
- Narrowing travel lanes to ten (10) feet
- Lowering Posted Speed Limit
- Bicycle Facilities – Installing bike lanes
- On Beneficial Bridge – Installing bike lanes and adding a 2-ft buffer to the proposed bike lane



Provided concept plans at the public meeting held on October 2, 2018.

Provided Raised Pedestrian Crosswalk layout, locations and design

Provided 60% plans at the public meeting held on October 2, 2018.

Public Meeting held October 2, 2018 Tampa Bay History Center.

Below are some of the comments that were received from the public:

- Vehicles emerging from Beneficial Bridge travel at a high rate of speed and within the Beneficial corridor. Could an additional raised crossing be added on Beneficial Dr. south of the bridge?
- Can a physical barrier between vehicular lanes and bike/pedestrian facilities be added on Beneficial Bridge?
- Could fencing or railing be installed to deter pedestrians from crossing south of Channelside Dr from the Riverwalk and Tampa Bay History Center to Garrison Street Parking Lot?
- Can the speed limit be lowered?

ADDITIONAL CROSSINGS/CALMING ON BENEFICIAL DR

Public Comments:



Cars speeding over the bridge make left turns difficult.

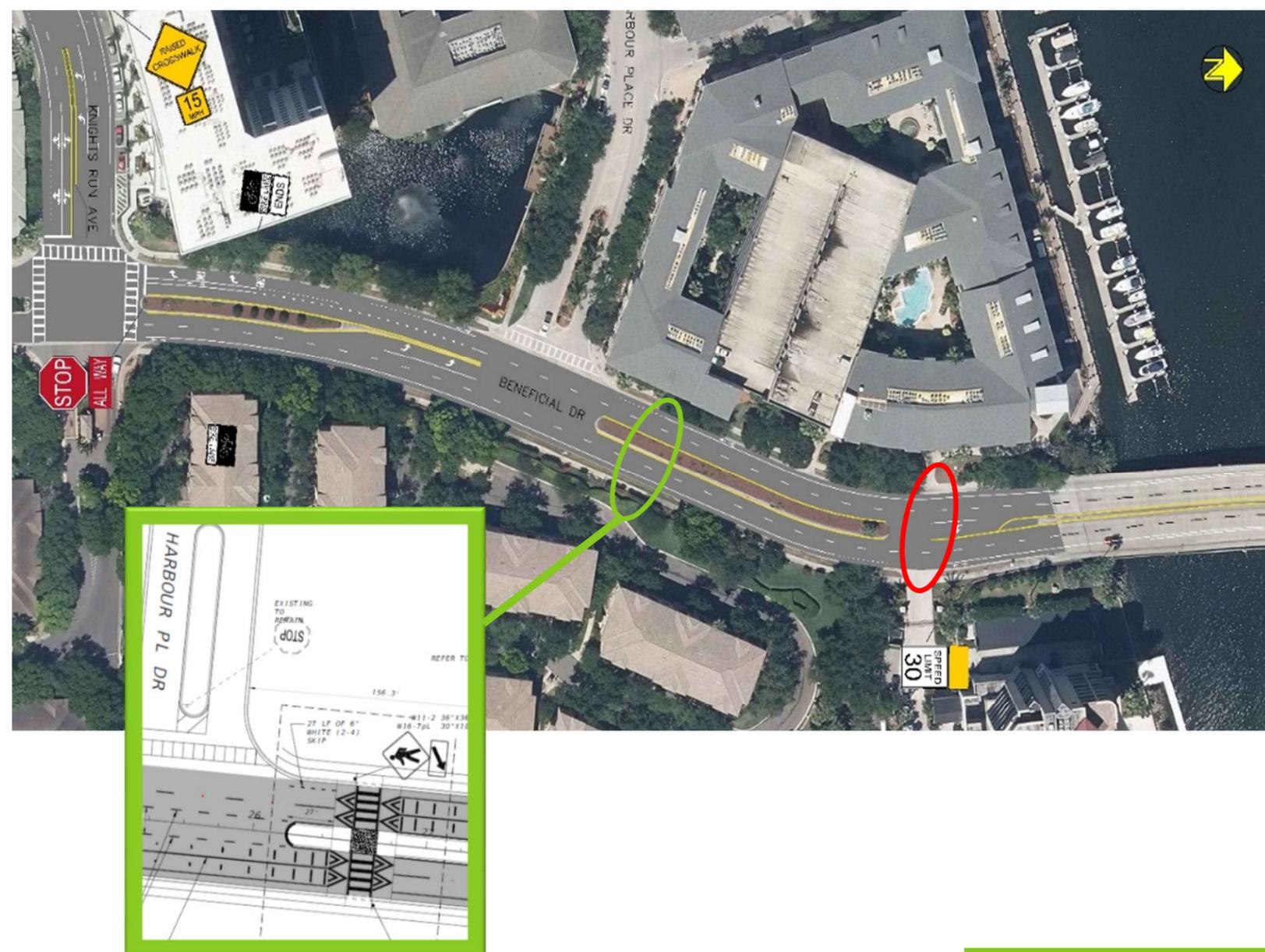
Many pedestrians cross here.

People speed on Beneficial Dr.

Response:

The City evaluated the two crossing locations, shown on the right

- The northern location, shown here in red, did not meet approach sight distance requirements. In other words, vehicles approaching the crosswalk would not have clear sight of the crosswalk and would not have enough time to react to a pedestrian in the crosswalk.
- The southern location did meet the sight requirements. The City is proposing a raised crosswalk at this location.



PHYSICAL BARRIER ON THE BRIDGE

Public Comment:

Can a physical barrier between vehicular lanes and bike/pedestrian facilities be added on Beneficial Bridge?

Response:

Unfortunately, there is insufficient width to provide a concrete barrier and maintain two vehicular lanes in each direction. That said, the City is currently planning a pilot project to test a new type of tubular delineator. These delineators are not as substantial as concrete barrier, but they have been shown to increase the “shy distance” of passing vehicles. The City will add this bridge to the list of pilot locations.



Public Comment:

Could fencing or railing be installed to deter pedestrians from crossing south of Channelside Dr from the Riverwalk and Tampa Bay History Center to Garrison Street Parking Lot?

Response:

The City recognizes the issue. However, considering the rapidly changing nature of the district, the City would like to coordinate more with the CRA and City Planning officials before adding any railing. Therefore, the City is not proposing any railing with this project but will continue to monitor the location.

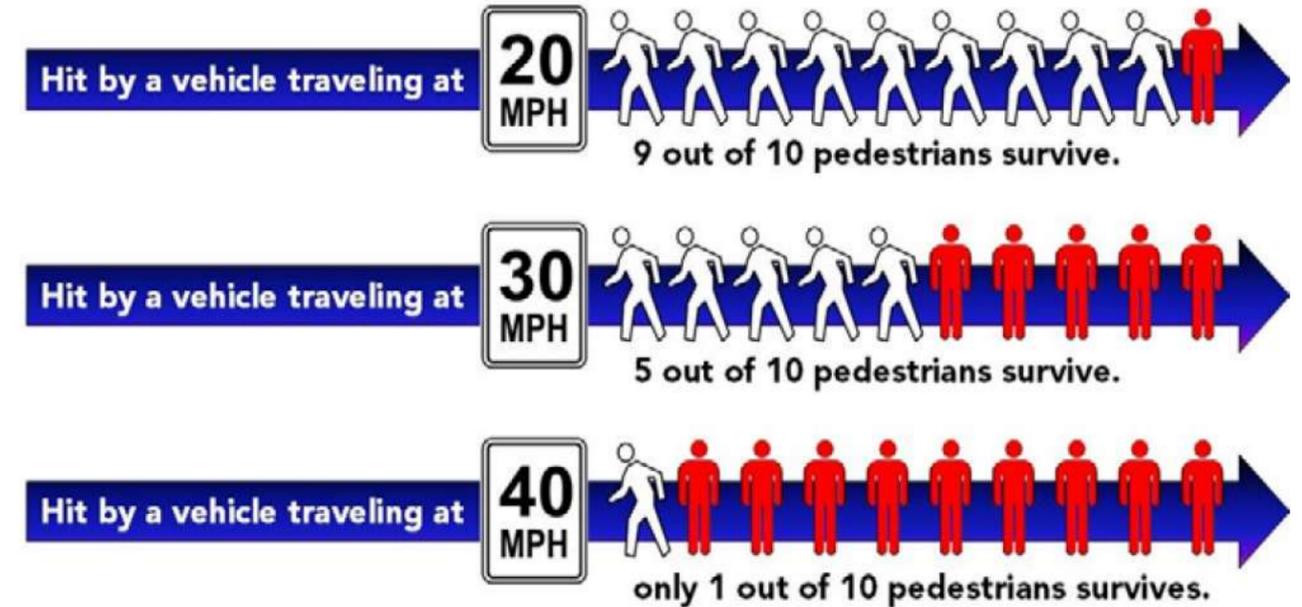
LOWER SPEED LIMITS

Public Comment:

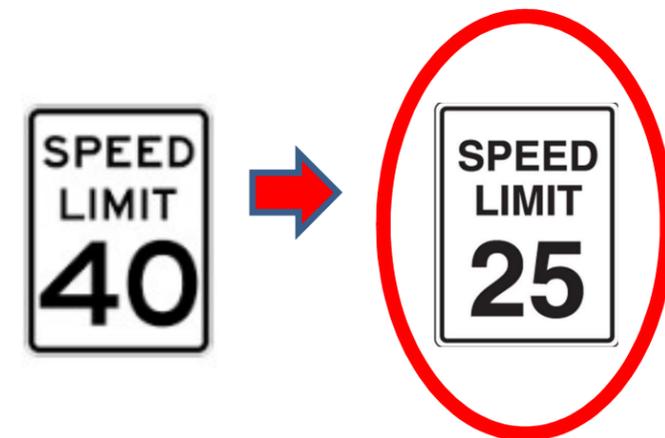
Can the speed limits be lowered?

Response:

Considering the surrounding context and the proposed design changes, it is appropriate to lower the speed limits of both Beneficial Dr. and Knights Run Ave. to 25 mph.



REDUCED SPEED SAVES LIVES



Proposed Speed Limit Reduction

DESIGN AND CONSTRUCTION SCHEDULE



Design was completed in January 2019.

Construction will occur with the City's Wastewater Pipeline project.

CONTACT INFORMATION



PLEASE PROVIDE EMAIL ADDRESS TO BE PUT ON
OUR PROJECT SPECIFIC MAILING LIST

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Project Website:

<https://www.tampagov.net/tss-transportation/projects/hicompletestreets>

