

EXECUTIVE BRIEF WORK SESSION

AGENDA DATE: July 5, 2022

DEPARTMENT: Public Works

TITLE:

Resolution No. 32-2022 – Support for Additional Traffic Calming Measures on Federal Highway

SUMMARY:

There have been many conversations about Federal Highway at the Commission, staff, and resident level for the past few years. Based on discussion regarding the upcoming FDOT projects at the May 9, 2022 City Commission work session, Resolution No. 32-2022 is being brought forward.

BACKGROUND AND JUSTIFICATION:

Last year at the September 21, 2022 regular City Commission meeting, Public Works brought forth an agenda item for the joint funding of a Federal Highway traffic study with the Palm Beach County Transportation Planning Agency (TPA). The background for this study involved two upcoming Florida Department of Transportation (FDOT) Resurfacing Restoration & Rehabilitation (RRR) projects:

- 10th Ave South to 6th Ave North in 2024
- 6th Ave North to Arlington Rd in 2025

In previous City meetings, traffic concerns and possible calming measures have been discussed and Public Works as been adamant in requesting additional traffic calming measures on Federal Highway including:

- Addressing the inconsistent speed limit between the City's northern and southern borders
- Creation of a vertical deflection by raising the existing signalized pedestrian crosswalk adjacent to Sacred Heart School between 4th Ave North and 5th Ave North (would be one of the first on a State road)
- Creation of a vertical deflection by the addition of a raised pedestrian crosswalk east of South Grade Elementary in the vicinity of 7th Ave South to 8th Ave South OR 8th Ave South to 9th Ave South (per FDOT, creating a raised intersection at 7th Ave South is a possibility – also would be one of the first on a State road)
- Use of Rectangular Rapid-Flashing Beacons (RRFB), which the City has recently received approval to utilize from the Federal Highway Administration (letter included in backup material)

The four options mentioned above are currently in discussion on this state project. Resolution No. 32-2022 is an endorsement of the aforementioned traffic calming measures. While FDOT reviewed the aforementioned joint study submitted by the City/TPA and determined mini roundabouts were not the appropriate speed management technique in this particular corridor, they did review the suggestions raised at the 5/09/22 Commission Work Session such as narrowing the roadway with striping, narrowing the roadway by relocating the curbs, the addition

of landscaping to give the appearance of narrowing, horizontal shifting, and the addition of a bike lane. Unfortunately, it was determined that due to the right-of-way width these measures are not feasible. FDOT is, however, currently researching another topic of discussion from that May meeting. The elimination of the center turn lane north of Lucerne and the east/west access impacts are being analyzed. Being that this effort is in the data collection phase and no answer is available at the moment, it stands independent of the aforementioned traffic calming measures.

Resolution No. 32-2022 also directs the Public Works Director or designee to coordinate with FDOT on all upcoming roadway projects within the City limits to ensure appropriate detours are in place to best accommodate traffic flows and reduce to the extent practical negative impact on neighborhoods. This direction will help to further the coordination process with FDOT and provide localized knowledge to all detour considerations.

DIRECTION:

Move to approve/disapprove Resolution 32-2022 - Support for Additional Traffic Calming Measures on Federal Highway.

ATTACHMENT(S):

Resolution No. 32-2022