

MEETING DATE
October 12, 2017
Subject: 2018-2022 Capital Improvements Program - Transportation Element Review
Department/Office: Public Works



AGENDA REPORT

AGENDA
Section: New Business
Item #: 1

**Requested Action or Motion:** Review of major transportation projects in the adopted 2018-2022 Capital Improvements Program

**Summary Explanation & Background:**

The five-year Capital Improvements Program (CIP) details the City’s major capital expenditure projects which includes transportation improvements. Per Article II, Section B (4) of the Transportation Advisory Board (TAB) Constitution: “The Board shall provide recommendations for use of Mobility Fees and transportation improvements thru the Capital Improvements Program for the City.” At the January 12, 2017 meeting, TAB began planning for the 2018-2022 Capital Improvements Program (CIP). At this meeting, the 2017-2021 CIP’s major transportation improvements projects were reviewed and the next program update was discussed.

The 2018-2022 Capital Improvements Program was adopted by City Council on September 25, 2017 and the priority listing of major transportation improvements for this five-year program is being provided for informational purposes, no action by the board is required at this time. A brief description these major transportation projects, in order of priority, are:

1. Design and installation of improvements for the extension of Independence Lane north of Horatio Avenue to George Avenue.
2. Planning and implementation of Intelligent Transportation System (ITS) infrastructure to allow remote monitoring and control of traffic flow including fiber optic communication, closed circuit TV (CCTV) cameras, variable message signs, adaptive signal control technology (smarter signals), etc. This will improve safety, mobility, reliability, management and operations of the City’s transportation network consistent with Resolution No. 23-2016 (see Exhibit A).
3. Feasibility and preliminary design of complete streets improvements in the Downtown Core. This preliminary review will advance the recommendation of Maitland Downtown Master Plan updates to prioritize pedestrian and bike travel on Ventriss, Packwood, George and Sybelia Avenues.
4. Upgrade of the traffic signal at Sandspur Road at Maitland Avenue from span wire to mast arms.
5. Feasibility study, design and construction of streetscape and roadway on North Keller Road from Maitland Center Parkway to the City Limits. This project will enhance the aging Maitland

Center.

6. Design and installation of bike trails by Lake Lucien and Lake Harvest. This will provide an alternative mode of transportation and increase the mobility in this area.
7. Entry feature and additional right turn lanes on Thistle Lane and Seneca Trail at Horatio Avenue. This project will include the upgrade of the traffic signal to mast arms. This improvement will reduce congestion, especially for school traffic.
8. Design and construction of the Maitland Center Parkway Loop. This loop will enhance the commercial center and provide for additional mobility in this area.
9. Installation of new traffic signal on US 17-92 at SunRail Station scheduled for FY 21 and will be dependent on traffic warrants. This project is a Joint Participation Agreement project with FDOT.

Hard copies of the 2018 - 2022 CIP will be provided to TAB when available.

**Fiscal Impact:**

N/A

Exhibits: CIP\_Costs\_tables\_18 Final(PDF)  
Exhibit A-Resolution 23-2016 (PDF)

Contact Person: Noel Cooper, Asst. PW Director

Commission/Board: Transportation Advisory Board

Phone #: 407-539-6217

Reviewed by City Attorney

Yes  N/A