




**Transportation Advisory Board
April 8, 2021
Council Chambers
6:30 PM**




- I. Call to Order
- II. Pledge of Allegiance
- III. Approval of Minutes of Previous Meeting
 1. Approve Minutes from January 22, 2020, Transportation Advisory Board meeting
- IV. Public Period
- V. Old Business
- VI. New Business
 1. Nomination and Election of Chairperson and Vice-Chairperson
 2. Northeast Neighborhoods Speed and Cut-Through Traffic Analysis
 3. Discussion of FY 2022-2026 Transportation CIP
 4. Staff Report
- VII. Any Other Business the Board Deems Advisable
- VIII. Adjournment

More than one member of the City Council may be present and speak at this meeting.

Notice: Any person who desires to appeal any decision made at this meeting or hearing will need a record of the proceedings and, for this purpose, may need to ensure that a verbatim record of the proceedings is made which includes testimony and evidence upon which the appeal is to be based. Persons with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk's office (407-539-6219) 48 hours in advance of the meeting.

MEETING DATE		AGENDA
April 8, 2021		Section: Approval of Minutes of Previous Meeting
Department/Office : Administration	AGENDA REPORT	Item #: 1.
Subject: Approve Minutes from January 22, 2020, Transportation Advisory Board meeting		
Requested Action or Motion: Approve Minutes from January 22, 2020, Transportation Advisory Board meeting		
Summary Explanation & Background:		
Fiscal Impact:		
Exhibits: 1. SPW 2nd Flo21040214350		
Commission/Board: Transportation Advisory Board		
Contact Person: Robert Sargent, Public Information Officer 407-539-6223		
Reviewed by City Attorney		

MEETING DATE		AGENDA
April 8, 2021		Section: New Business
Department/Office : Public Works	AGENDA REPORT	Item #: 1.
<p>Subject: Nomination and Election of Chairperson and Vice-Chairperson</p>		
<p>Requested Action or Motion: Election of Chairperson and Vice-Chairperson</p>		
<p>Summary Explanation & Background: Article III, Section E. Officers and Committees of the Constitution states: "The Board shall annually elect a Chairperson and Vice-Chairperson, and may create and fill other offices and committees as needed." Article II, Section A. Nominations of the Bylaws states: "Nominations of officers shall be made from among the members at the annual organization meeting, which shall be held on the first regularly scheduled meeting each calendar year". According to Article I, Section A. Officers of the Bylaws, "All officers shall be eligible for re-election not to exceed two consecutive years." Mr. Blackford has served two terms a chairman, making him ineligible for reappointment. All other members are eligible for appointment. At this meeting a chairperson and vice-chairperson will be elected.</p>		
<p>Fiscal Impact:</p>		
<p>Exhibits: None</p>		
<p>Commission/Board: Transportation Advisory Board</p>		
<p>Contact Person: Kimberley Tracy, Public Works Director 407-539-216</p>		
<p>Reviewed by City Attorney</p>		

MEETING DATE		AGENDA
April 8, 2021		Section: New Business
Department/Office : Public Works	AGENDA REPORT	Item #: 2.

Subject:
Northeast Neighborhoods Speed and Cut-Through Traffic Analysis

Requested Action or Motion:
Move to accept the Northeast Neighborhoods Speed and Cut-Through Traffic Analysis and forward to City Council.

Summary Explanation & Background:
After receiving complaints on speeding and cut-through traffic from the Northeast Neighborhoods (Dommerich Estates, Dommerich Hills, and surrounding subdivisions), City staff engaged one of our continuing engineering consultants, Neel-Schaffer, Inc., to perform a traffic analysis of the area.

The study area included the area east of Lake Minnehaha, north of Horatio Avenue, west of Temple Trail and count of the Seminole County line. The first portion of the study addressed the issue of speeding in the study area. Three main sources of data were reviewed. These include traffic counts from 2018, speed and volume study performed in 2019, and speed sign studies performed in 2020-2021. Also, speed and volume counts were performed as part of this study.

The second portion of the study addressed the issue of cut through traffic. To address this, information was gathered to determine origin and destination of traffic in the neighborhood. StreetLight Data is a mobility analytics provider that processes trillions of geospatial data points to measure how pedestrians, bicycles and vehicles interact. StreetLight Data offers an interactive transportation analytics platform for quickly visualizing and downloading mobility data in the US and Canada in order to understand travel behavior. Information like trip origins, destinations, routes, travel times, speeds, distances, Annual Average Daily Traffic (AADT), and trip purpose is provided within the platform. StreetLight Data uses a proprietary analytic processing engine to derive the analytics the user needs. This engine algorithmically integrates trillions of spatial data points from millions of devices—cell phones, connected cars, fleet management systems, smart phone applications, and more— into trips and activities. It also incorporates dozens of additional spatial and statistical data sets like census and land use information, which enhances the contextual richness of their metrics. With this tool, virtual detector zones were established for this study to record the number of trips crossing certain locations, and the origins/destinations of trips through those locations. StreetLight Data does this by aggregating travel throughout the network using “pings” from smartphone data and reporting aggregate trip records based on the characteristics of the travel path and starting/stopping points. The results of this analysis are provided in this report.

The traffic analysis found that based on the data available, there is not a significant systematic or significant speeding or cut-through problem within the study area. Based on these findings, the recommendations from the report are as follows:

- No changes to the posted speed should be made at this time.
- The City should continue collecting annual traffic count data and add traffic count stations in the vicinity of Kewanee Trail at Saginaw Trail and Tuscarora Trail at Thunder Trail.
- Speeds should continue to be monitored as part of the annual traffic count program.
- The City should perform outreach to determine the extent of support for a traffic calming effort in order to understand the scope of the problem as perceived by the community.

Staff recommends the TAB move to accept the Northeast Neighborhoods Speed and Cut-Through Traffic Analysis and forward to City Council.

Fiscal Impact:

N/A


Exhibits:


1. FINAL DRAFT NE neighborhoods traffic 2021-03-23 (002)

Commission/Board: Transportation Advisory Board

Contact Person: Kimberley Tracy, Public Works Director 407-539-216

Reviewed by City Attorney

MEETING DATE		AGENDA
April 8, 2021		Section: New Business
Department/Office : Public Works	AGENDA REPORT	Item #: 3.
Subject: Discussion of FY 2022-2026 Transportation CIP		
Requested Action or Motion: Discussion of Transportation CIP FY 2022-2026		
Summary Explanation & Background: Summary Explanation & Background: <p>As part of their responsibility, the Transportation Advisory Board annually reviews the five year Transportation Capital Improvement Program. At the January 22, 2020 meeting, TAB reviewed the planned CIP for FY 21. Improvements are based on priority and funding, as these projects are funded through Mobility Fee revenues and supplemental sources of revenue (grants, CRA Trust Fund, Special Assessment Districts, Joint Participation Agreements, General Fund, etc.)</p> <p>Projects prioritized in the CIP over the next five years include:</p> <ul style="list-style-type: none"> • Downtown Corridor - Planning and implementation of improvements including traffic, roadway, streetscape, hardscape, feasibility studies, and parking enhancements for the City's downtown corridor - FY 2022-2026 • Keller Road Improvements - Feasibility study, design and construction of streetscape from Maitland Center Parkway to the City Limits and from Fennel Road south to the City Limits. This will make needed enhancements to Maitland Center. • Seneca and Thistle Improvements - If feasible, includes enhancements at the intersections at Thistle Lane and Seneca Trail at Horatio Avenue. This may also include mast arm and signal enhancements • US 17-92 @ SunRail Station - Installation of new traffic signal at the SunRail Station. Project is dependent on traffic warrants and is a Joint Participation Agreement project with FDOT 		
Fiscal Impact:		
Exhibits: 1. TAB FY2022 CIP		
Commission/Board: Transportation Advisory Board		
Contact Person: Kimberley Tracy, Public Works Director 407-539-216		
Reviewed by City Attorney		

MEETING DATE		AGENDA
April 8, 2021		Section: New Business
Department/Office : Public Works	AGENDA REPORT	Item #: 4.
Subject: Staff Report		
Requested Action or Motion:		
Summary Explanation & Background: Staff Report: Bike-Ped Master Plan Implementation Update <ol style="list-style-type: none"> 1. Dommerich/Choctaw Sidewalks 2. Sandspur Trail 3. Mohican Sidewalk Improvements 		
Fiscal Impact:		
Exhibits: None		
Commission/Board: Transportation Advisory Board		
Contact Person: Kimberley Tracy, Public Works Director 407-539-216		
Reviewed by City Attorney		