



2050 LRTP Equity Needs Assessment

November 8th, 2023

Agenda

- ❑ Equity Needs Assessment Overview
- ❑ TDTA Areas and Analysis Methods
- ❑ Results

What is an Equity Needs Assessment?

- Uses **data** and **community input** to identify existing **barriers** in the **transportation system**
- **Synthesizes** this data into LRTP **performance measures** to be included in the 2050 update
- Provides a list of **projects** and **goals** to achieve through transportation planning, specifically focused on **removing** these **barriers**
- Encompasses a methodology **consistent** with **Federal** guidelines for funding



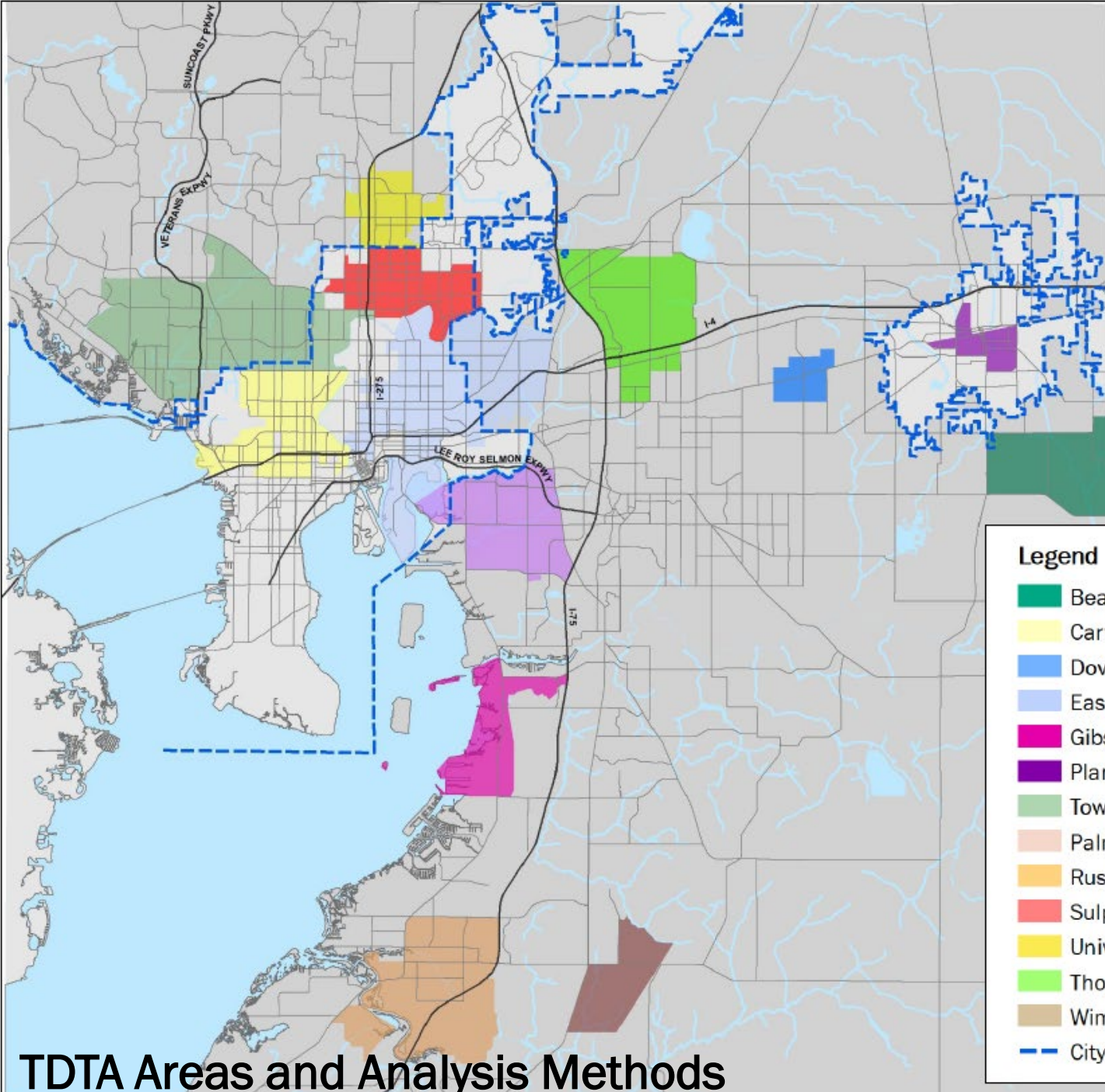
How is an Equity Needs Assessment Conducted?

1. Identify the **Transportation Disadvantaged Areas**
2. Analyze existing transportation disparities:
 - Geographic data and GIS modeling
 - Task Force Input
3. Generate project recommendations and costs to incorporate into the Long Range Transportation Plan (LRTP)

Why Now?

- ❑ Racial and ethnic minority communities and low-income neighborhoods have historically absorbed the negative impacts of our transportation infrastructure
- ❑ These impacts will continue to affect these communities today and in the future
- ❑ The Equity Needs Assessment is focused on equalizing investment in these communities, and will be a new component to the LRTP that will carry into future updates

Transportation Disadvantaged Areas



TDTA Areas and Analysis Methods

Data Overview

Good Repair and Resiliency

Sidewalk Gaps
Pavement Condition
Tree Canopy and
Multimodal Comfort

Vision Zero

Number Of Fatal And
Serious Injury Crashes
High Injury Network Miles
Average Posted Speed
Signalized Intersections
as Safe Crossings

Traffic and Air Quality

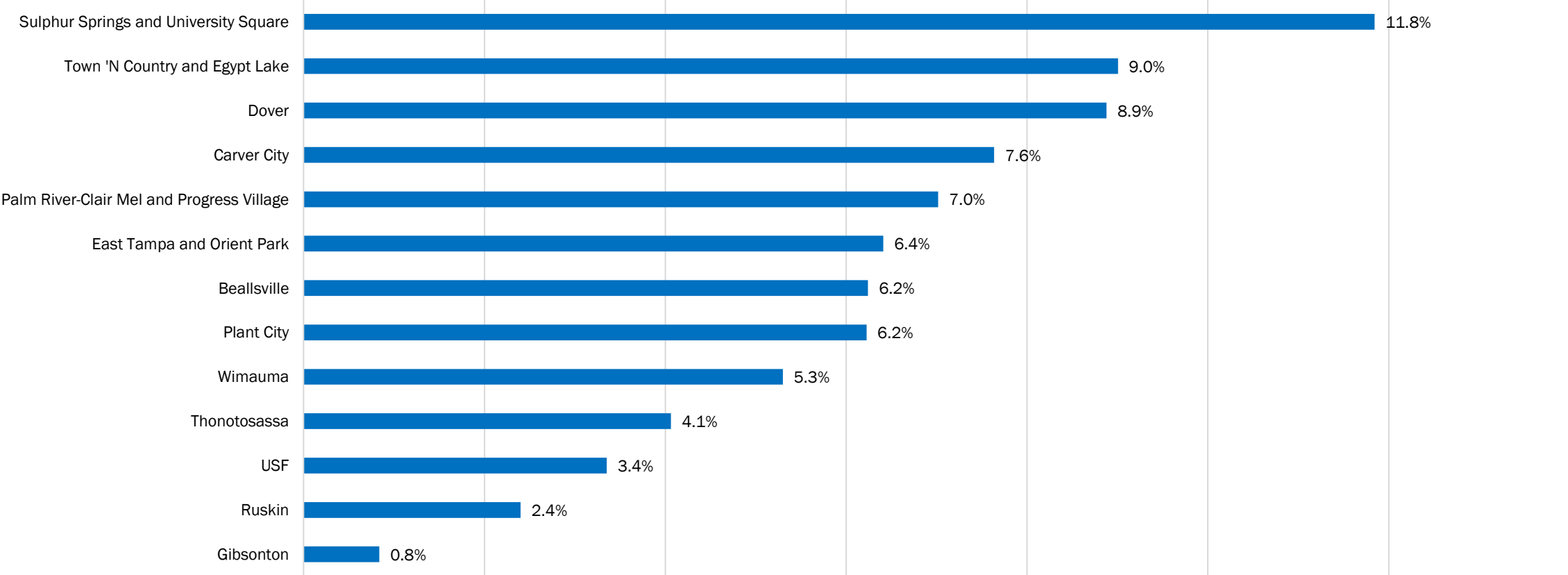
PM 2.5 ($\mu\text{g}/\text{m}^3$)
Annual Average Daily
Traffic (AADT)

Real Choices & Chronic Disease

Jobs and People Served
by Transit
Walking and Bicycle Level
of Traffic Stress (LTS)
Levels of Chronic Disease

TDTA Areas Ranked by TDTA Disparities

Mean % Change Across All Performance Measures (Weighted)



Project Recommendations

- ❑ Recommended projects close critical infrastructure gaps in each TDTA
- ❑ Roughly 1,300 miles totaling nearly \$1 billion

TDTA	Bicycle Lanes (Assumed done via resurfacing)	Resurfacing	Sidewalk Build	Tree Canopy
Beallsville	5.62	6.01	0.5	3.00
Carver City	59.19	1.99	17.7	41.00
Dover	1.47	4.22	1.19	0.00
East Tampa and Orient Park	129.65	8.37	17.79	47.00
Gibsonton	9.85	4.08	4.30	1.50
Palm River-Clair Mel and Progress Village	31.13	30.58	5.02	13.00
Plant City	7.56	0.00	2.54	4.65
Ruskin	16.16	18.48	3.06	11.00
Sulphur Springs and University Square	43.31	0.32	4.70	31.00
Thonotosassa	19.65	12.60	3.38	11.00
Town 'N' Country and Egypt Lake	79.33	77.63	6.81	56.00
USF	15.91	9.95	2.04	13.00
Wimauma	0.00*	3.78	0*	2.13

*Pending project updated on SR 674

Study Recommendations

Corridor Safety Studies

Among the TDTAs, crashes and safety were among the largest disparities when compared to the County. Granular and individual studies are needed to mitigate safety hazards along the roadway, particularly those along the High Injury Network.

Multimodal Health Care Access

Chronic disease was noted as a top disparity among TDTAs. Enhancing access to healthcare facilities through various transportation modes by integrating walking, biking, and public transit the project will improve the accessibility of healthcare services for all members of the community.

Transit Improvements in Underserved Areas

A large factor in the disparity analysis were limited routes and transit access among most of the TDTA communities. Enhancing transit services in areas currently lacking such options will provide support for more convenient and efficient transit solutions

Trail Studies

While the TPO planning area houses nearly 170 miles of trails, not all lengths are accessible from TDTAs. Trail Studies provides the opportunity to assess existing and potential trail networks for expansion.

COMMITTEE RECOMMENDATIONS

Technical Advisory Committee (TAC)

Unanimous Approval

Citizen's Advisory Committee (CAC)

Unanimous Approval

Thank you!

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