Advanced Air Mobility Conference

Tampa International Airport
September 12, 2023

TAMPA BAY
SMART CITIES
ALLIANCE

Welcome and Opening Remarks

Vik Bhide
Director of
Mobility
City of Tampa

Core Team

CUTR Center for Urban Transportation Research · FDOT · City of Tampa Florida

Leadership Team

Pinellas County · Hillsborough County Florida · Pasco County Florida · City of Tampa Florida · st.petersburg www.stpete.org · CUTR · Plan Hillsborough planhillsborough.org · Forward Pinellas · FDOT

TAMPA BAY SMART CITIES ALLIANCE

Public

TBARTA · Tampa Bay Regional Planning Council · Port Tampa Bay · City Seal of Clearwater, Florida · PSTA · HART · Expressway Authority · Hillsborough MPO Metropolitan Planning for Transportation

Private

tampaBAY partnership · TechData · Tampa Downtown Partnership · TECO Energy · Metrolab · Innovation Place · Westshore Alliance · verizon · St. Pete Innovation District · AT&T · SPP Strategic Property Partners · Spectrum

Vendors

Technology Manufacturers
Software Companies
Consultants
OEMs

IMPLEMENTATION STRATEGY

		3 MONTHS	12 MONTHS	24 MONTHS	36 MONTHS	
THEME	DESCRIPTION	SAMPLE PROOF OF CONCEPT	SAMPLE PROJECT	SAMPLE PROJECT	SAMPLE PROJECT	VISION
Mobility as a Service	Building on local efforts, Mobility as a Service (MaaS) brings every kind of transportation together into a single intuitive mobile app. It seamlessly combines transportation options from different providers, handling everything from travel planning to payments	The first MaaS solution will be based in one geographic area, such as USF or one of our [illegible] of solutions based on the outcomes of the i2a workshop	Develop business case, funding and full commercial strategy together with a RFP based on the learning on the Proof of Concept	Secure supplier and extend the MaaS solution across the region building on the foundations of the USF proof of concept	Introduce a one account payment system that is inter-operable with all partner modes and enables for flow of money based on mode use	To provide a MaaS solution citizens and visitors for the Tampa region, it will include a one account type payment solution and be open and inclusive of all modes of transportation both public and private
Data Platform	The fusion and analysis of data from across the region brought together in one platform to enable the maximum amount of insight to be collected and shared among all participating agencies	Introduce a cloud based data platform that is focused on road and transit data sets throughout the region	Develop business case, funding and full commercial strategy together with a RFP based on the learning on the Proof of Concept	Secure supplier and transition the proof of concept to the new platform and extend [illegible]	Introduce private sector data sets through new collaborative agreements enabling use of less physical sensors on the network	To use 'big data' to optimize mobility movement across the region, inform our future planning strategies and drive efficiency savings
Re-imagining Infrastructure	Applying the benefits of technology and innovation to our existing infrastructure in bold and creative ways to improve lives, improve [illegible], promote resilience, and increase efficiency.	Build on the Tampa Connected Vehicle Pilot by THEA by expanding further into the Tampa [illegible]	Develop a series of users cases for CV/AV solutions that cover air, land and sea in order to design a [illegible]	Run a global competition to attract the worlds leading CV/AV companies to Tampa to address the [illegible] economic growth	Develop a ICM strategy and implement a CV enabled variable speed corridor that shares data through the CV platform to [illegible]	To be the world's leading urban lab for the deployment of connected and autonomous vehicle solutions that make a real difference to peoples lives

Mobility as a Service

Regional Data Platform

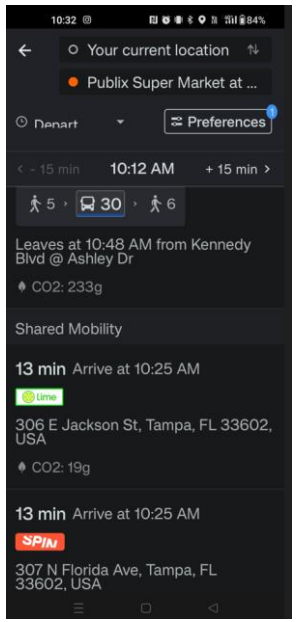
Re-imagining Infrastructure

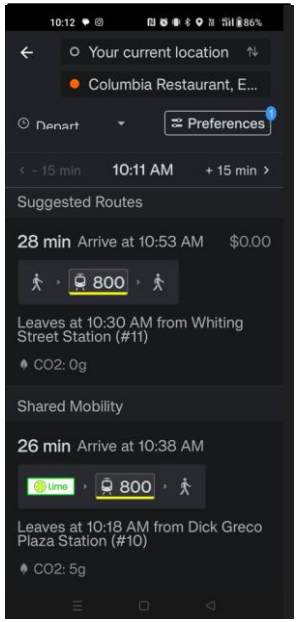
*Proof of concept to be selected at July 2018 workshop by Action Teams.

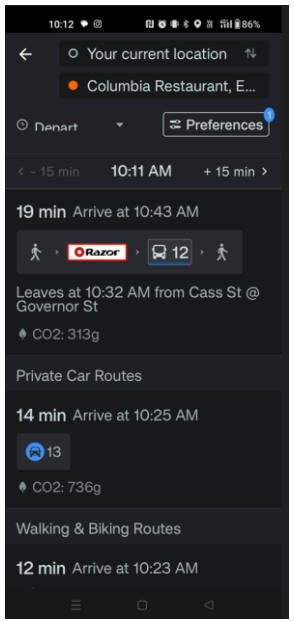
Mobility as a Service – MaaS

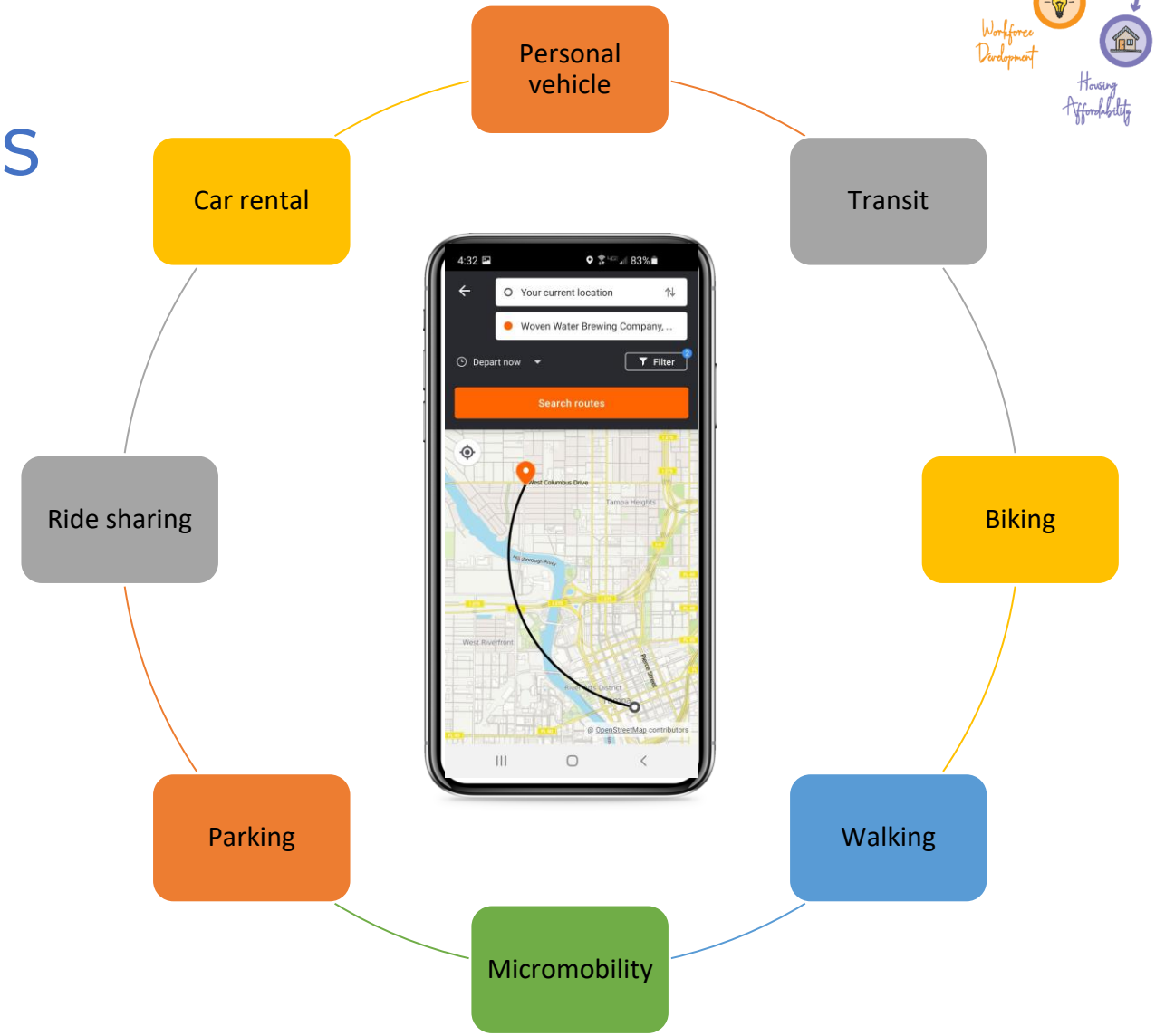
Multimodalism in Tampa

Transportation access and flexible choices

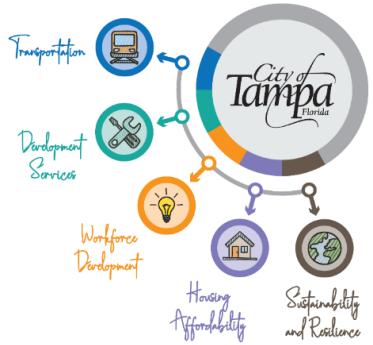








City of Tampa - Mobility as a Service (MaaS) App



Multimodal Trip Planner

AV

On Demand

Real-Time

Transit Data Manager

Plan

Transit Data & People's Movement Data

Fare Payments Integrations

Account-Based Wallet

Pay

Live Arrival Times

Service Alerts

Rider Dashboard

Accessibility Indicators

Crowdedness Updates

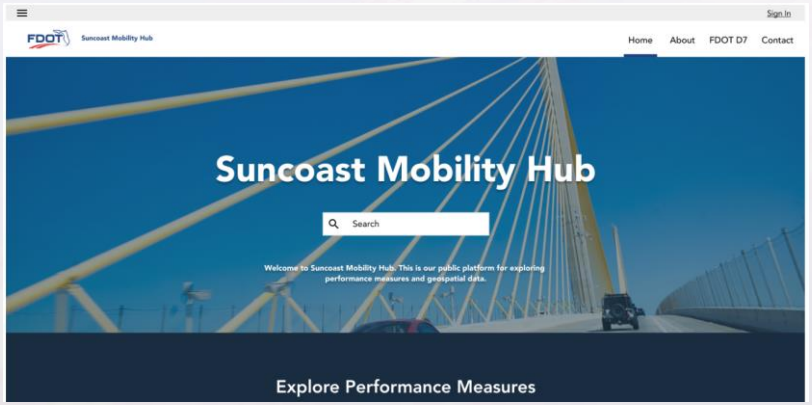
User Communication Manager

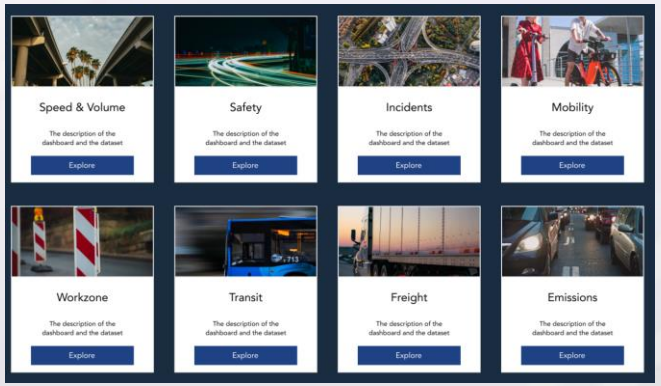
Ride

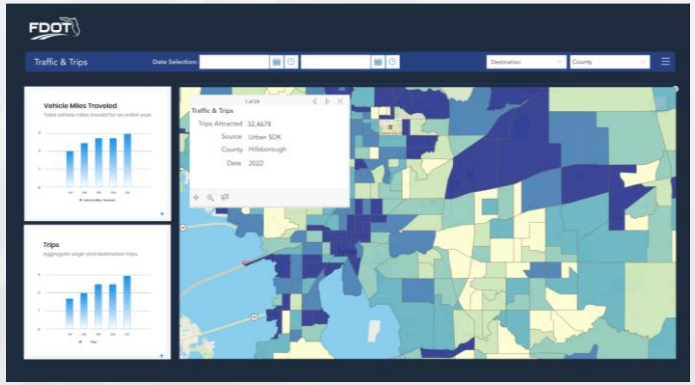
Live Directions & Get Off Notifications

moovit

Suncoast MobilityHub
A Regional Data Platform for Tampa Bay







FDOT

In partnership with:

Plan Hillsborough

Pasco County MPO Florida

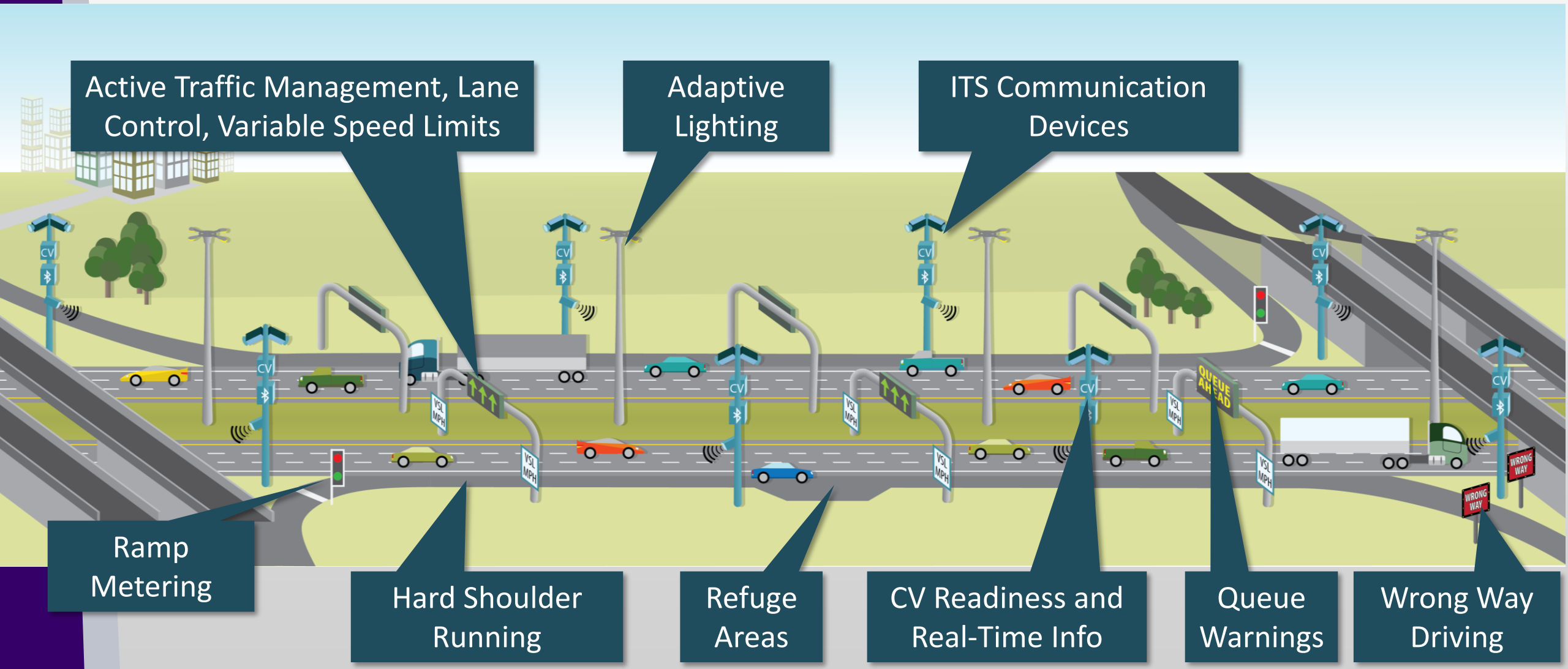
Polk Transportation Planning Organization

FORWARD PINELLAS

MPO Metropolitan Planning Organization Hernando/Citrus

Sarasota MPO Manatee

What is SMART?



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On the Horizon

MaaS Phase 2

City of Tampa
FDOT District 7
TBARTA
Transit Agencies

Smart Corridor Phase 2 (incl TSP and SWZ)

FDOT District 7
Hillsborough County
Pinellas County
City of Tampa
City of St. Petersburg
Transit Agencies

Click and Fix and Work Zone Mapping

FDOT District 7
Region-Wide

Smart Parking

City of St. Petersburg
City of Tampa
City of Clearwater
FDOT District 7
TPA

Alternative Fuel Corridors

Hillsborough TPO
Forward Pinellas
FDOT District 7

Advanced Air Mobility

Tampa International Airport
St. Pete-Clearwater Airport
City of Tampa
City of St. Peterburg
FDOT
Many Others