



Spring 2024 FMPP

April 5, 2024

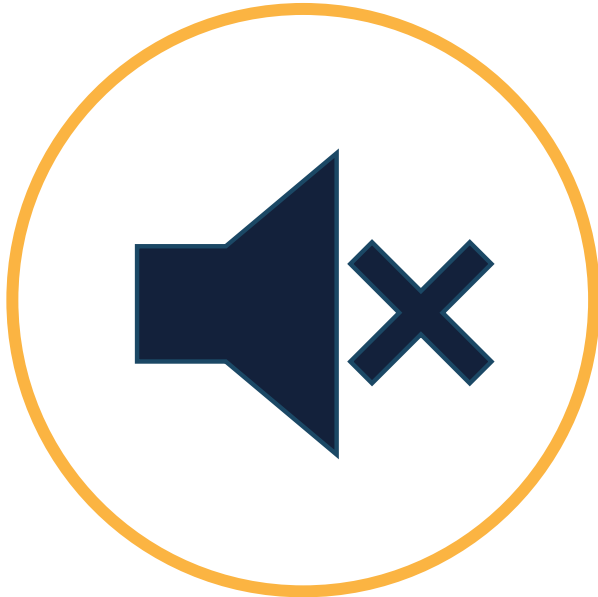


Welcome & Introductions

Donna M. Green, OPP



Housekeeping



**Please keep
yourself muted**



**Please hold questions
until end of each
presentation, and place
in the chat**



**Please put any questions
or comments in the chat**

AICP Certification Maintenance (CM) / Professional Engineer (PE) Credits

- AICP members can earn CM credits for this activity (2.0 hours)
 - **Course number:** 9287795
 - **Course name:** Florida Metropolitan Planning Partnership Statewide Collaboration Meeting
- More information can be found at www.planning.org/cm
- PE credit information will be shared via email following the meeting (1.0 hours)



Certification
Maintenance



Agenda

Time	Topic	Speaker
10:00 am – 10:05 am	Welcome & Introductions	Donna M. Green, OPP
10:05 am – 10:20 am	GHG Update	Huiwei Shen, Chief Planner & Dana Reiding, FTO
10:20 am – 10:35 am	FHWA Update	Cathy Kendall, AICP, FHWA
10:35 am – 10:55 am	MPOAC Coordination Workshop Results	Jennifer Fortunas, P.E., OPP
10:55 am – 11:25 am	FDOT OIG Office	OIG Office
11:25 am – 11:55 am	North Florida TPO	Jeff Sheffield, NFTPO
11:55 am – 12:00 pm	Closing Remarks	Jennifer Fortunas, P.E., OPP

GHG Update

Huiwei Shen, FDOT Chief Planner and
Dana Reiding, Manager
Systems Forecasting & Trends Office



FHWA Update

Cathy Kendall, AICP, FHWA



MPOAC Coordination Workshop Results

Jennifer Fortunas, P.E., OPP



January MPOAC Coordination Workshop

- FDOT and MPOs discussed how to enhance coordination and collaboration
- 1-hour workshop on project prioritization and programming



Common Themes Question 1

What do you like about the existing process for identifying priority projects and selecting projects for federal funding?

- **Opportunities to set priorities**
- **Process and approaches**
- **Coordination with FDOT**
- **Timeline**
- **Data driven**



Feedback

“

- ∴ MPOs have the **flexibility to prioritize their projects** in a way that **matches their planning areas' goals, strategies, and unique features.**
- ∴ Sounds like the process may vary across the State - perhaps consistency would be a positive change. We like **taking the lead on setting our priorities and working with the District to get them programmed.**
- ∴ Our MPO process is **data analytics driven and performance based**, so the **priorities** adopted are valid and **will implement the LRTP and assist FDOT in meeting its stated goals.**
- ∴ The formal follow up by the District confirming receipt of the list and **meeting the FDOT Secretary and staff to review and discuss priorities and local/regional insights.**

”

Feedback

“

- ∴ The **Liaisons meet with MPO staff before the Draft Tentative goes public**. This meeting is for FDOT to show the MPO which priorities are being funded. This is extremely helpful and transparent and **gives MPO staff the chance to comment and ask questions** before the public.
- ∴ **FDOT** begins programming at the top of the MPO priority list and works its way down. **Providing explanation for any project stopped**. This provides a **level of predictability** to the MPOs and how we manage the priority list.
- ∴ The MPO as a whole has a call for projects which staff likes to do, then we rank internally and provide to FDOT via the LOPP. FDOT comes back with the TWP. The process between the TWP and TIP is good as well. **There are multiple meetings and staff involvement from MPO and FDOT.**

”

Common Themes Question 2

How would you enhance the existing process for identifying priority projects and selecting projects for federal funding?

- **Understanding each other**
- **Coordination after submitting the priority list**
- **More interaction with each other (FDOT & MPO)**
- **Consistent list – format and categories**
- **Funding flexibility**
- **Large v. small projects**



Feedback



- ⋮ **Consistency of process** across districts and state
- ⋮ **Follow up consultative-type meetings** to further discuss project priorities and options being considered by the District. Through this process, there may be opportunities for more local partnerships or other options reviewed to implement projects.
- ⋮ **Enhance coordination after the submittal of the draft LOPPs.** After the MPO submits its draft LOPP in March, we often do not see a draft programmed project list until the release of the District TWP. MPOs can be caught off guard and have little time to react to needed changes.
- ⋮ **Improve transparency in the application of federal funds.** Maintain cost feasibility by only applying FF to projects in LRTP. Provide MPO with necessary resources (variance reports, MADDOG, etc.) regarding funding availability and movement from project to project.





Feedback

“

- ⋮ **Have district liaisons and work program staff work in concert with MPO staff.**
- ⋮ Develop a draft programmed list of projects prior to the release of the District TWP. We have found that the District TWP is not the ideal place to make changes on proposed programmed projects and we would like **more time to read** so we don't disturb the District's work program staff.
- ⋮ **Coordination between liaisons and work program staff.** This results in the different staffs being familiar with each others' processes.

”

Survey Results

MPOAC Workshop - Closing Survey			
	Existing Process	Availability of Funds	Partnerships
Unfavorable	13%	52%	9%
Neutral	26%	26%	4%
Favorable	61%	22%	87%

Next Steps

Recap @ April FMPP



Conduct follow up interviews in April through July

Develop guiding principles and notable practices

New workshops coming!

FDOT OIG Office

Kim Likens, Larry Burns, & Anthony Jackson,
FDOT OIG





FDOT Office of Inspector General Ethics and Accountability

**Presentation to the
2024 Spring Florida Metropolitan Planning Partnership**



Kim Likens, Director of Investigations

Larry Burns, Deputy Director of Investigations-Training

Anthony Jackson, Deputy Director of Investigations-Accreditation



Agenda

1. **OIG'S MISSION AND AUTHORITY**
2. **Audits and Investigations**
3. **Audit and Case Examples**
4. **Your Role**
5. **Ethics and Accountability**
6. **Closing Thoughts/Questions**





OIG Mission

Provide **independent** and **objective** investigative and audit services that promote **accountability, integrity,** and **efficiency** within the Department of Transportation and its partners.



Inspector General's Authority

Section 20.055, F.S., states that an Office of Inspector General (OIG) is established in each state agency to provide a central point of coordination and responsibility for activities that promote **accountability, integrity,** and **efficiency** in government.



Agenda

1. **OIG's Role**
2. **AUDITS AND INVESTIGATIONS**
3. **Audit and Case Examples**
4. **Your Role**
5. **Ethics and Accountability**
6. **Closing Thoughts/Questions**



What is an OIG Audit?

- An oversight activity performed by the OIG that involves employees, management officials, and affected Departmental programs and operations.
- Audit objectives include:
 - ❖ Assessments of program effectiveness, economy, and efficiency.
 - ❖ Internal controls, which include the plans, policies, methods, and procedures adopted by management to meet its goals and objectives.
 - ❖ Compliance with laws and regulations.



OIG Audits

- Based on each year's risk assessment plan, which can be modified based on unanticipated requests and issues.
- Performed in accordance with the Institute of Internal Auditors *International Professional Practices Framework*, known as the "Red Book."



What does an audit accomplish?

- Provides an independent and objective review of agency programs.
- Promotes economy, efficiency, and effectiveness in programs and operations to detect fraud, waste, and abuse.
- Ensures activities are in compliance with applicable policies, laws, and regulations.



What is an investigation?

- A systematic process of searching for, gathering, analyzing, and evaluation information or evidence to uncover facts and reach conclusions.
- Looks into possible violations of law, regulation, or policy which may lead to criminal sanctions, civil penalties, or administrative actions against individual(s), contractors, companies, recipients, and/or their staff.



What do we investigate?

- Employee misconduct
 - Misuse of agency resources – purchasing card, vehicle for personal use
 - Falsification of documents
 - Theft of agency resources
- Contract fraud
- Bid rigging



Why do we Investigate?

- To establish relevant facts to prove or disprove allegations of fraud, waste, abuse, and mismanagement
- Provide independent and objective investigations to add value, improve operations, and preserve public trust



What is the difference between an investigation and an audit?

Generally, an investigation is conducted to resolve specific allegations, complaints, or information concerning possible violations of law, regulation, or policy.

In contrast, an audit is conducted to examine organizational program performance or financial management matters, typically of a systemic nature.



Agenda

1. **OIG's Role**
2. **Investigations**
3. **AUDIT AND CASE EXAMPLES**
4. **Your Role**
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Audit Example – Gainesville Metropolitan Transportation Planning Organization

The objective was to determine whether Gainesville MTPO submitted invoices for planning grants G0U69 and G1N92 to the District in accordance with federal and Department governing directives.



Finding – Financial Management

- The OIG determined that Gainesville MTPO submitted invoices to the District in compliance with federal and Department governing directives.
- Gainesville MTPO's expenses are allowable, necessary, reasonable, and allocable in accordance with Title 2, Part 200, Code of Federal Regulations (C.F.R.)-Unified Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, Subpart E-Cost Principles.
- Gainesville MTPO has an Agreement for Professional Staff Services in compliance with subsection 339.175 (2)(b), Florida Statutes, (F.S.) (2021), and contractual agreements with the Department in compliance with subsection 339.175(10)(a)(1), F.S., (2021).

Case Example: Acceptance of Gifts

- A Program Manager was accepting gifts from consultants who he supervised (Meals, drinks, tickets to sporting events)
- The Program Manager was a long-term (26-year) Department employee.



Acceptance of Gifts

Results:

- OIG conducted investigation, and Program Manager admitted to accepting gifts.
- Program Manager resigned in lieu of termination.



Agenda

1. **OIG's Role**
2. **Investigations**
3. **Audit and Case Examples**
4. **YOUR ROLE**
5. **Ethics and Accountability**
6. **Closing Thoughts/Questions**



What is your role?



- **Place** the interests of the public ahead of personal interests
- **Maintain** high standards of honesty, integrity, and impartiality
- **Cooperate** with OIG and MPO administrators
- **Assist** with providing documents under your control

History of Florida's Ethics Laws

- Florida's state constitution was revised in 1968 to require a code of ethics prohibiting conflict between public duty and private interests.
- The Code of Ethics for Public Officers and Employees is found in Chapter 112 (Part III) of the Florida Statutes.
- The intent of the Code is to promote the public interest and maintain the respect of the people for their government.
- The Code is also intended to ensure that public officials conduct themselves independently and impartially, not using their offices for private gain other than compensation provided by law.



Commission on Ethics

- **The Legislature created the Commission on Ethics in 1974 to “serve as the guardian of the standards of conduct” for public officials, state and local.**
- **The Commission:**
 - ❖ Renders advisory opinions to public officials;
 - ❖ Prescribes forms for public disclosure;
 - ❖ Makes recommendations to disciplinary officials when appropriate for violations of ethics and disclosure laws;
 - ❖ Maintains financial disclosure filings of constitutional officers and state officers and employees; and
 - ❖ Administers automatic fines for public officers and employees who fail to timely file required annual financial disclosure.



FDOT's Ethics Policy

Ethics (001-010-020)

- No employee may accept a benefit of any sort when it could *reasonably* be inferred that the benefit was intended to influence a pending or future decision of the employee, or to reward the employee's past decision.
- Employees should also avoid any conduct (whether in the context of business, financial, or social relationships) that might undermine the public trust, regardless of whether that conduct is unethical or lends itself to the *appearance* of unethical behavior.

Remember, people's perception is their reality!!



FDOT's Ethics Policy

Ethics (001-010-020) Gifts (regardless of value)

- Gifts include, but are not limited to:
 - Money
 - Food or Beverage
 - Flowers
 - Event Tickets
 - Loans
 - Promise of Future Employment
 - Services
- It is not considered a gift or expenditure if the employee fully reimburses the other person or entity for the cost of the item.
- Generally, full reimbursement is considered to be the cost of the item to the person providing it.

NO FREE MEALS!!!



Seven truths of Accountability:

- **Accountability starts with you.**
You need to model the behavior you want to see in others.
- **You are accountable.**
As a leader, you are accountable for any failures and successes your organization may have.
- **Accountability is not a one-time thing.**
It is not a one-time, sometimes thing, it is an *all-time* thing.
- **Accountability applies to one and all.**
You cannot play favorites, accountability has to be requested of everyone.
- **Accountability cannot be delegated.**
It has to be accepted for a person to feel accountable and take ownership.
- **Accountability is the difference between success and failure.**
When people don't take accountability, and things go awry, they don't take ownership and go into "spectator" mode.
- **You have to hold people accountable.**
You can't just tell people they are accountable and then leave them to it, you have to set up review sessions and check in to see how they're doing.

Source: Gordon Tregold, *Leadership Principles, Inc. Magazine*



Promoting Ethics in Your Organization – Five Steps

- **Commitment from Leadership.**
 - ❖ Management must be committed to ethics.
- **Code of Ethics**
 - ❖ Have a clear, communicated code of ethics.
- **Central Source**
 - ❖ Have a central source for reference, training, and advisory.
- **Enforcement**
 - ❖ Violations of the code should be addressed.
- **Formal Monitoring**
 - ❖ This information is useful to determine weaknesses and repeat violations.



Source: Steven Nguyen, Ph. D., Business Ethics Resource Center

Simple ethics “tests” for when you are unsure

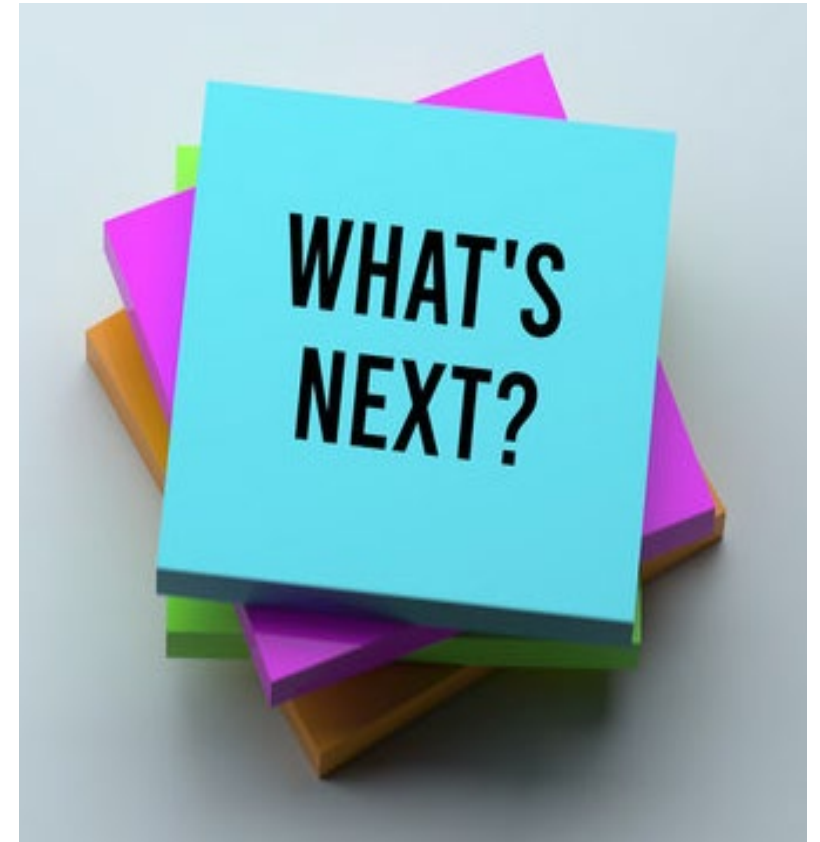
- **Front Page Test:** “Imagine reading about the decision in the headlines, with your name and photo prominently displayed. How would you look and feel, and what effect would it have on your reputation, relationships, and business prospects?”
- **Consequences Test:** “The consequences of unethical decisions can be severe, so it is wise to consider them in advance. Think not only of the potential monetary costs associated with certain causes of action but also the reputational costs (brand equity), relationship costs, and psychological costs (the burden of regret).”
- **Mirror Test:** “Imagine making the decision and then look at yourself in the mirror. How do you feel? What do you see in your eyes? Does it trigger alarm bells, violate your principles, or summon a guilty conscience?”
- **Universality Test:** “Imagine if your course of action were to become standard practice for all people in all times (a universal maxim). Would that be a good and just outcome?”
- **Role Model Test:** “Given the choice before you, what would your role model (or someone you admire, such as a parent, sibling, friend, mentor, or coach) say or do? Have you asked him or her?”

Source: Gregg Vanourek, Triple Crown Leadership



Agenda

1. **OIG's Role**
2. **Investigations**
3. **Audit and Case Examples**
4. **Your Role**
5. **Ethics and Accountability**
6. **CLOSING THOUGHTS/QUESTIONS**



Closing Thoughts

Despite the best prevention and risk-management practices, misconduct and fraud incidents will continue to occur, as will practices contrary to our collective missions.

When you hold yourself and others accountable, you help create an ethical culture that will have a major impact on performance and results.



“A public office is a public trust.”

We all must work together to maintain this trust because once it's lost, it is hard to regain.

Source: ARTICLE II – GENERAL PROVISIONS, SECTION 8. Ethics in Government



Questions?





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Anthony.Jackson@dot.state.fl.us / 850-410-5802



North Florida TPO

Jeff Sheffield, NFTPO

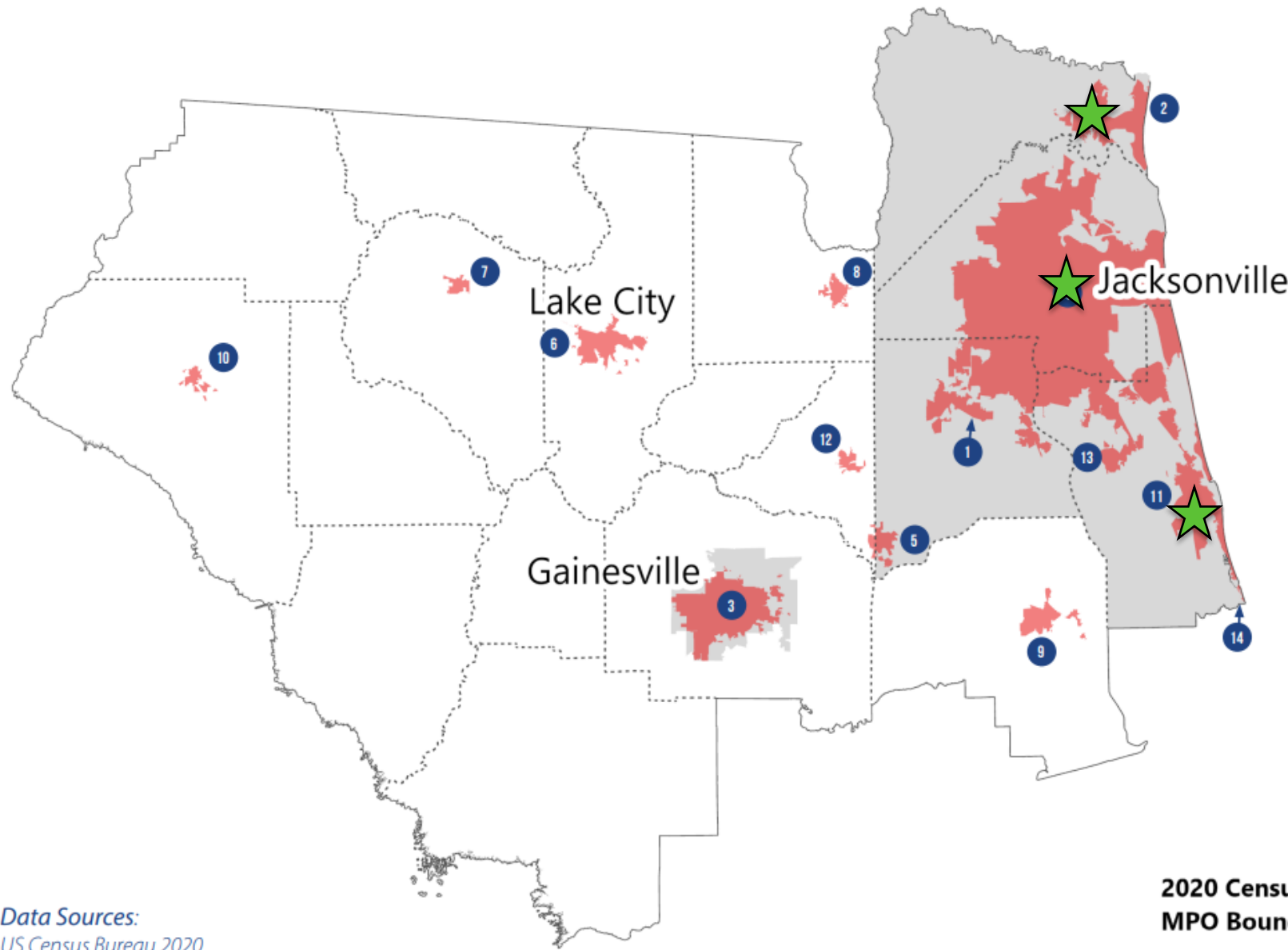


“Leveraging Transportation, Technology & Energy”



North Florida Transportation Planning Organization





**CENSUS URBAN AREAS
(2020 Population)**

1. Asbury Lake-Middleburg (23,649)¹
2. Fernandina Beach-Yulee (50,805)²
3. Gainesville (213,748)³
4. Jacksonville (1,247,374)
5. Keystone Heights (8,218)
6. Lake City (25,334)
7. Live Oak (6,668)
8. Macclenny (10,881)
9. Palatka (20,032)
10. Perry (6,531)
11. St. Augustine (91,786)
12. Starke (6,486)
13. World Gold Village (19,679)
14. Daytona Beach-Palm Coast-Port Orange (402,126)⁴

¹ Was part of 2010 Jacksonville UA
² Fernandina Beach and Yulee were separate urban areas in 2010
³ New Transportation Management Area (TMA)
⁴ Daytona Beach-Palm Coast-Port Orange Urban Area: One census block is in FDOT District 2 (coordinate with District 5)

**2020 Census Urban Areas and
MPO Boundaries**

- Census Urban Areas (2020)
- MPO Boundary

Data Sources:
US Census Bureau 2020



NORTH FLORIDA TRANSPORTATION PLANNING ORGANIZATION



501(c)(3)

UNIFIED PLANNING WORK PROGRAM

FISCAL YEARS 2022/23 THROUGH 2023/24

UPWP

501(c)(3)

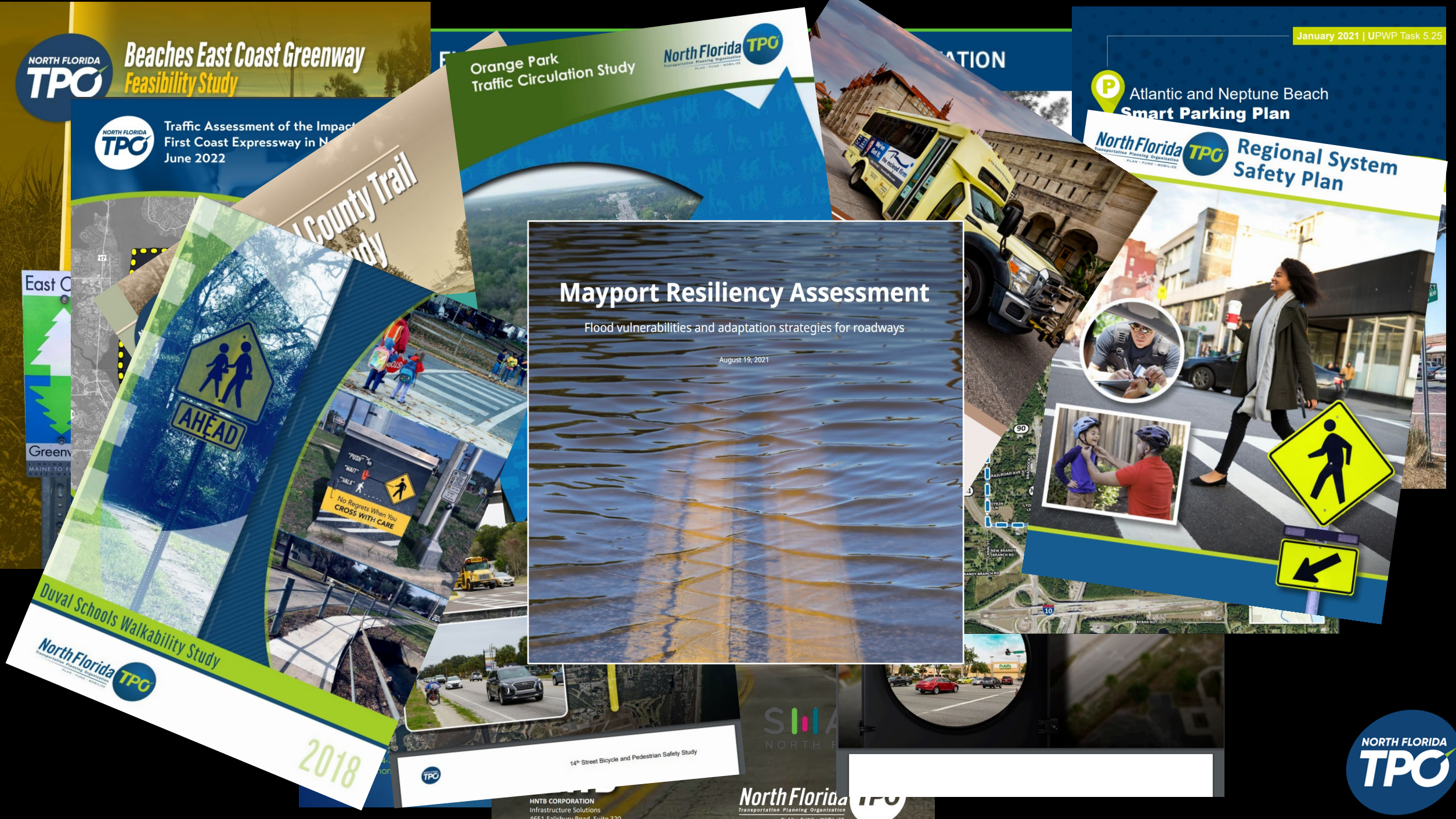
Clean Fuels Coalition

Smart North Florida

Mayport Resiliency Assessment

Flood vulnerabilities and adaptation strategies for roadways

August 19, 2021



North Florida Clean Fuels Coalition



Biofuels



Electricity



Hydrogen



CNG



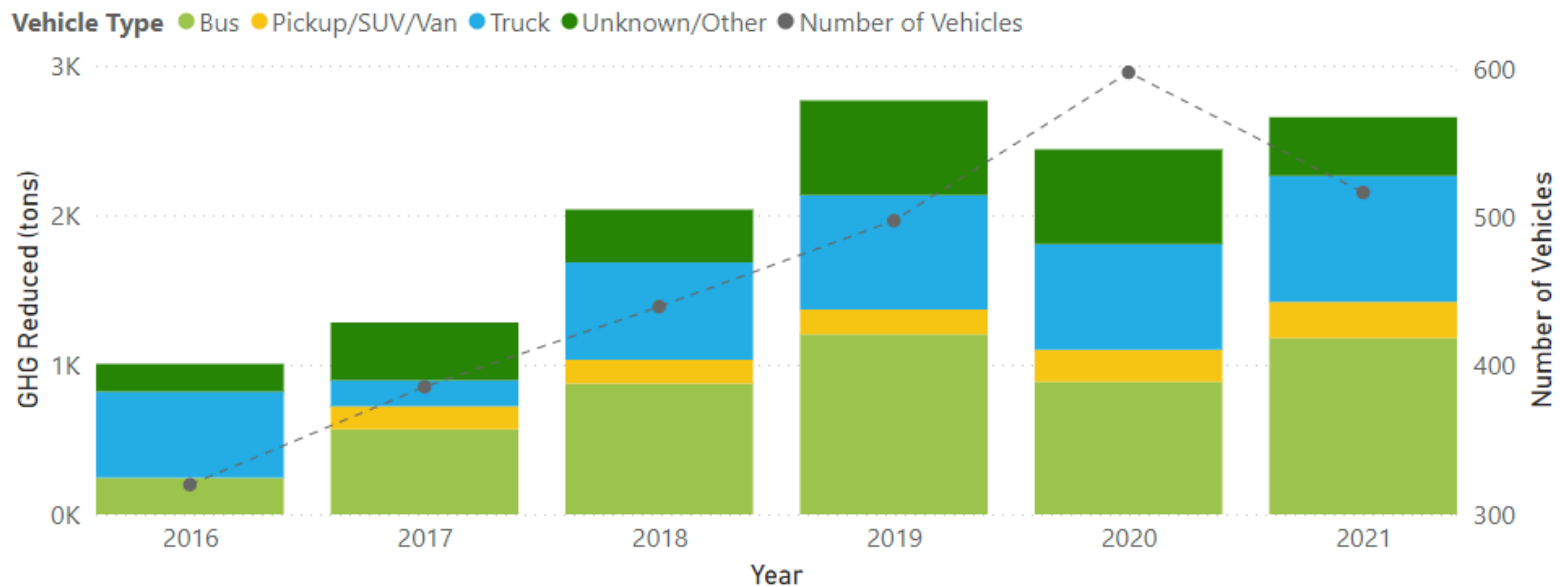
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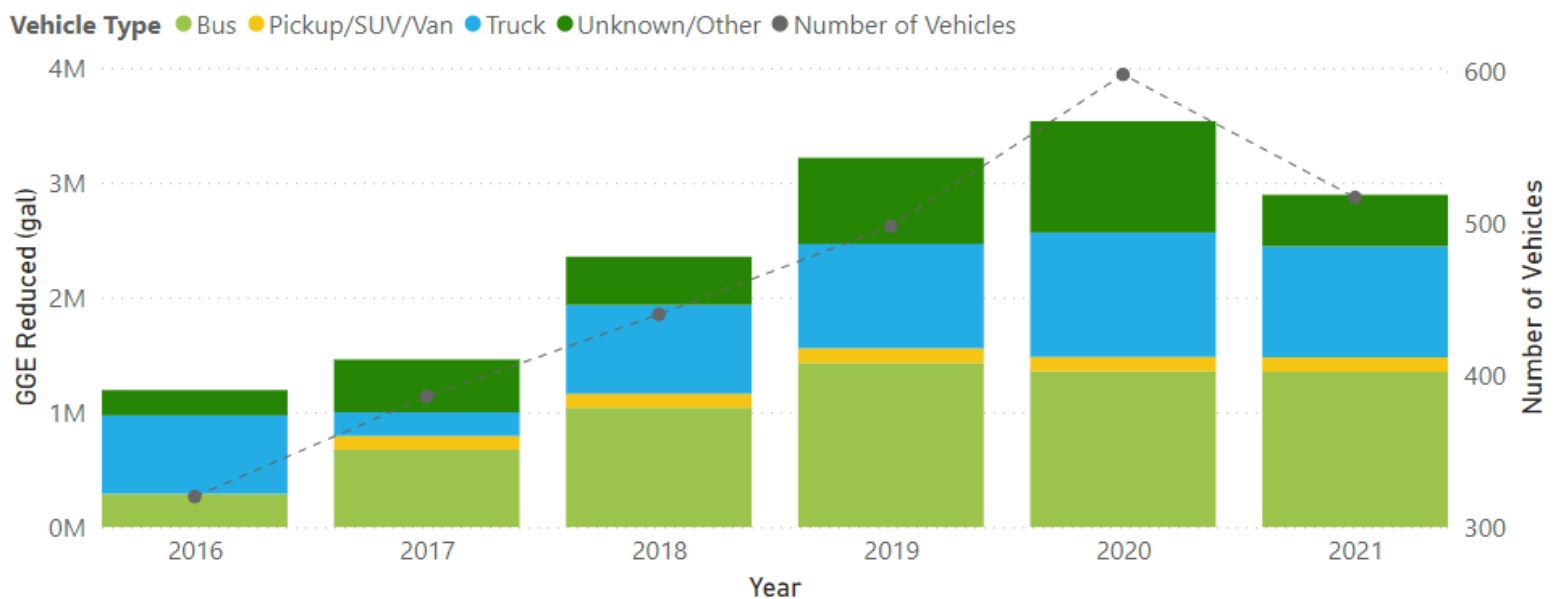
Propane



GHG Reduced (tons) and Number of Vehicles by Year and Vehicle Type



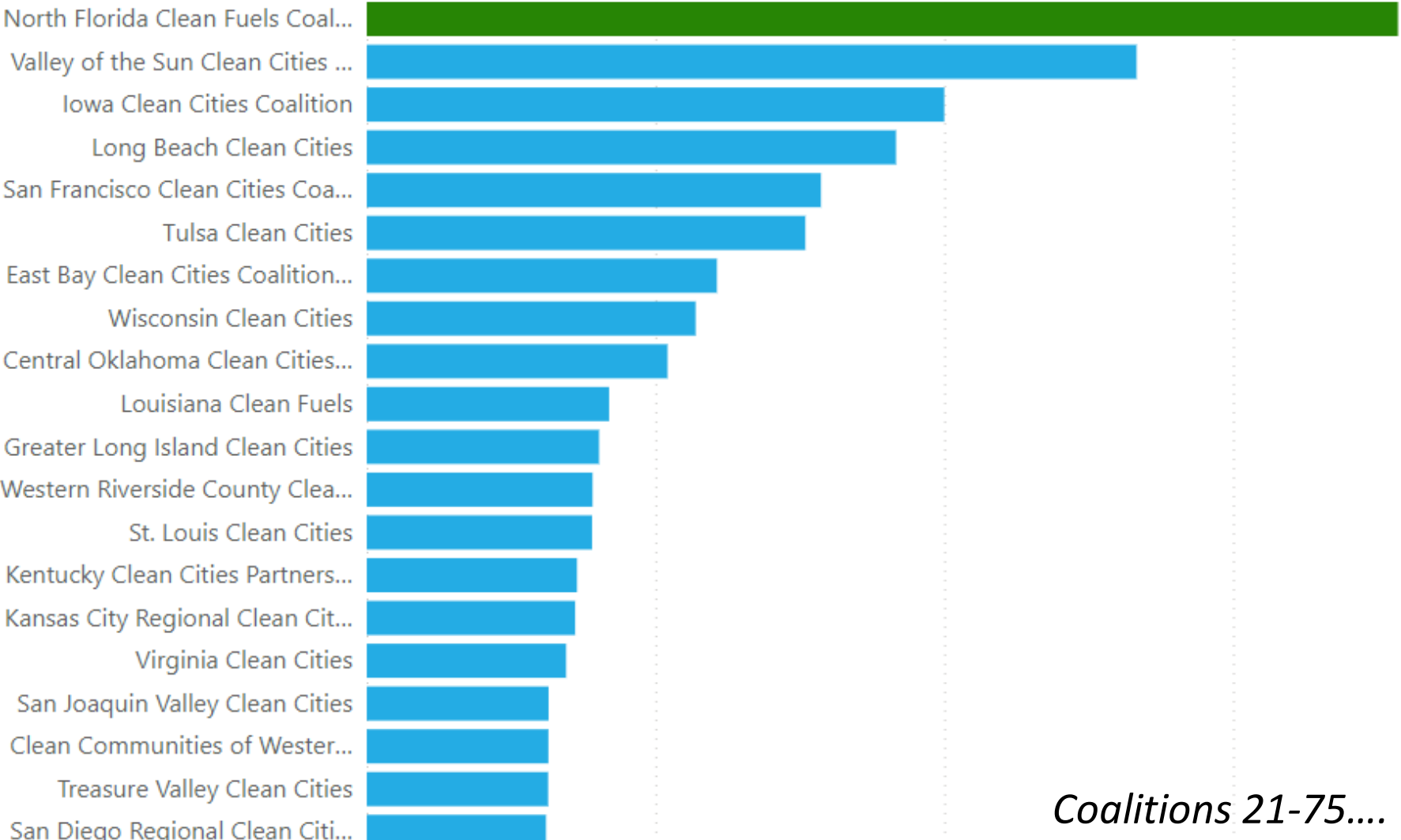
GGE Reduced (gal) and Number of Vehicles by Year and Vehicle Type





What's Happening with other Coalitions Across the Country?

2020 Energy Impact from Alternative Fuel Vehicles



Coalitions 21-75....



SMART NORTH FLORIDA

Harnessing the power of **Smart Technologies**,
Coordinated Data, and **Regional Collaboration**
to improve North Florida's economic competitiveness,
sustainability and quality of life.

Barriers ^{To} Innovation

- Public Sector Bandwidth
- Procurement Processes
- GovTech Venture \$\$





Is It Good Enough?



WHAT YOU CAN EXPECT

SCOUTING TECH SOLUTIONS

— Scout tech options
Match solutions

SANDBOXING THE TECH

— Understand the tech
Accelerate adoption

FOLLOWING THE DATA

— Analyze, Visualize, Report

SCALING THE SOLUTION

— Help leaders lead
Scale smart

TELL THE STORY

— Case studies
Scalable adoption

WHAT WE'RE DOING NOW



ROADBOTICS

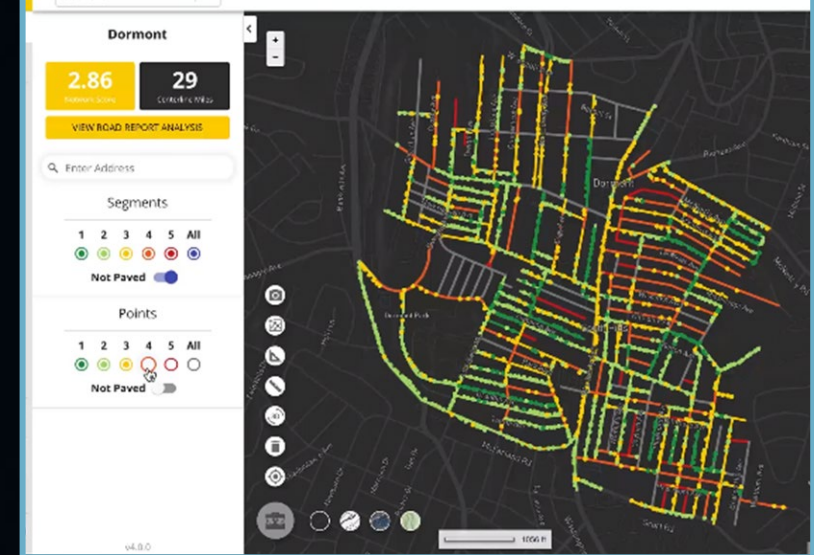
FILLING REAL POTHOLES WITH ARTIFICIAL INTELLIGENCE (A.I.)

Pilot – Clay Co.

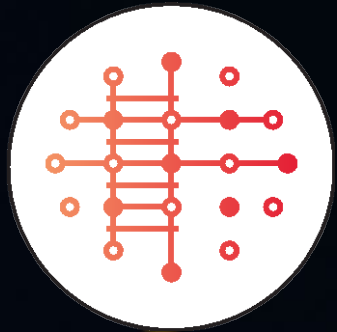
20-year plan – Nassau Co.

Deploying – St. Augustine, Keystone Heights, Bunnell, Neptune Beach

Jax-Baldwin Rail Trail Pilot D2



WHAT WE'RE DOING NOW

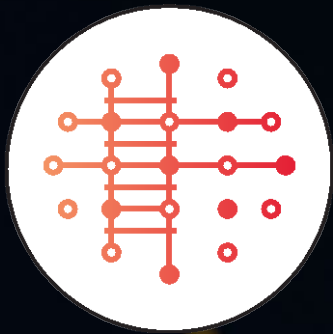


TRAININFO

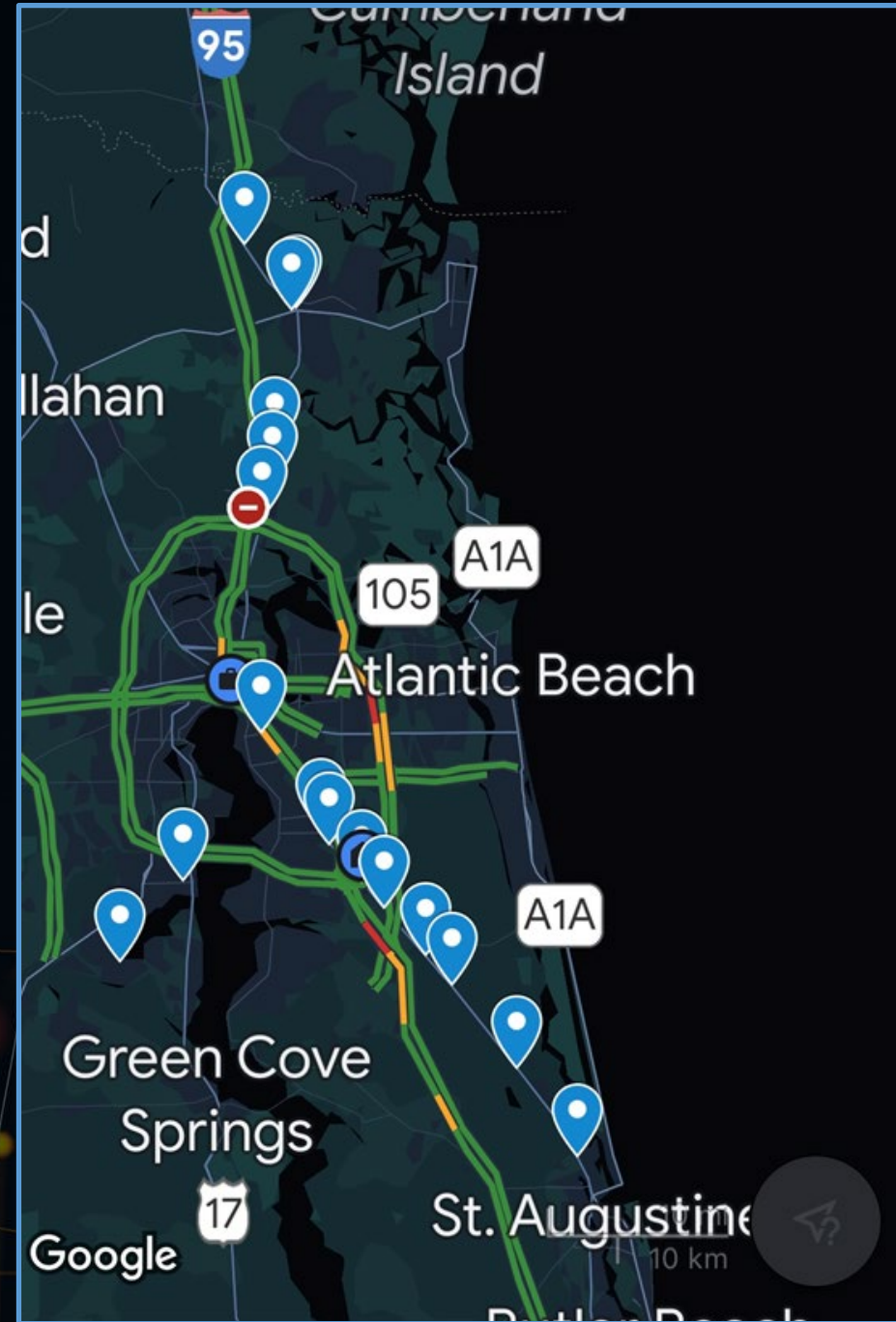
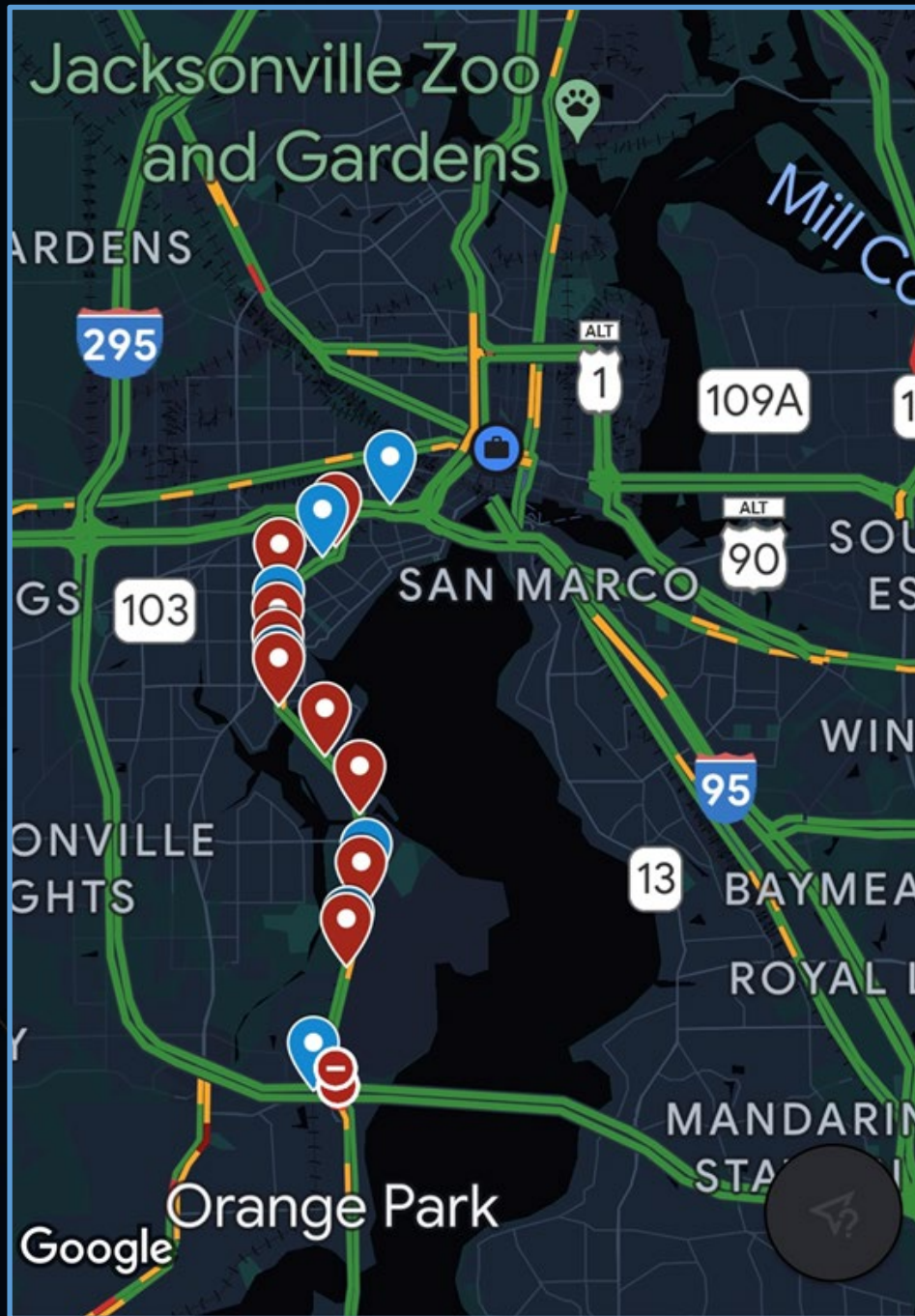
SAVING LIVES WITH EARLY TRAIN DETECTORS

- Pilot - FDOT District 2
- Approved - FDOT Innovation Product List (IPL)
- Sole Source Contract





TRAINFO



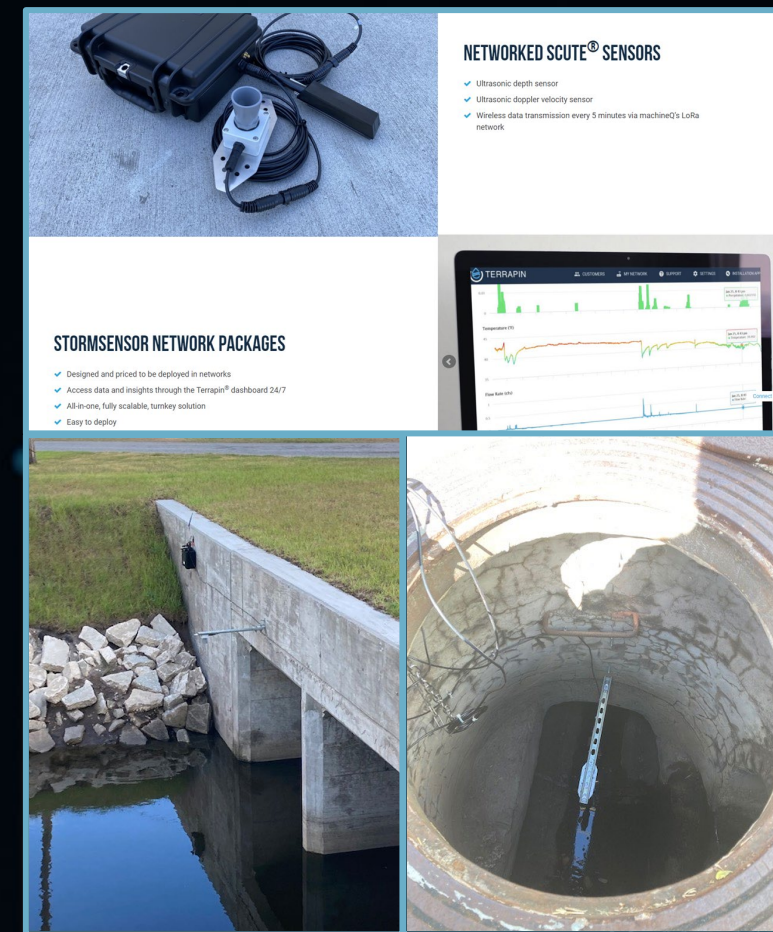
WHAT WE'RE DOING NOW



STORMSENSOR

STOPPING STREET FLOODS WITH DRAIN DATA

Pilot - Neptune Beach Efficiency Lab
Scale Deployment - Neptune Beach
TPO Region-Wide Pilot Deployment\Study



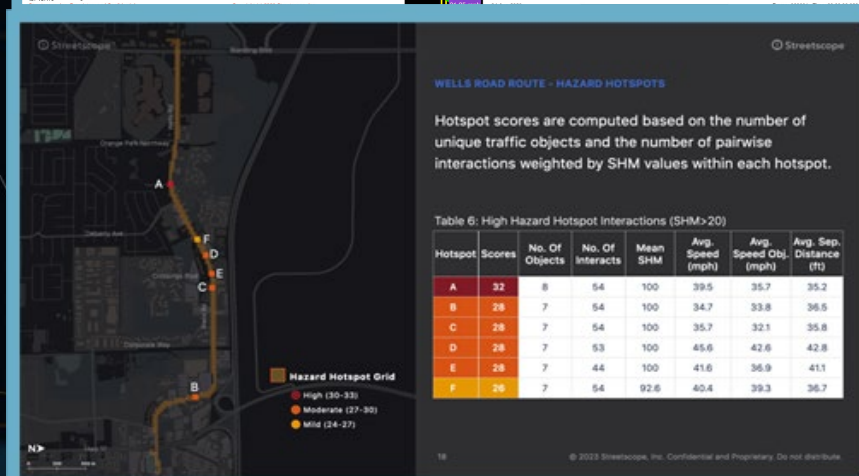
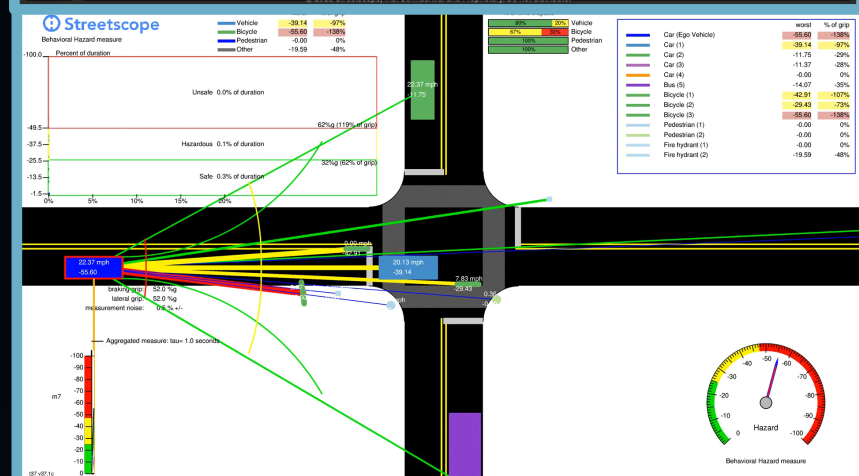
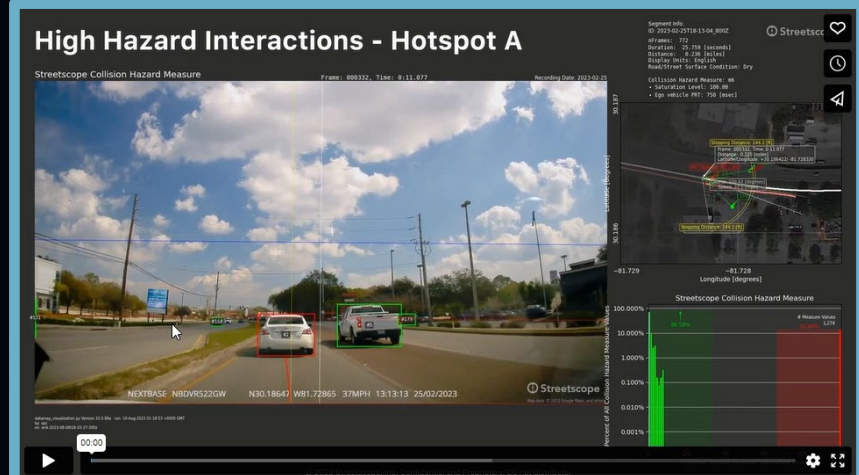
WHAT WE'RE DOING NOW



StreetScope

ASSESSING TRAFFIC WITH ARTIFICIAL INTELLIGENCE

Pilot – Clay County Gateway to Clay Smart Corridor

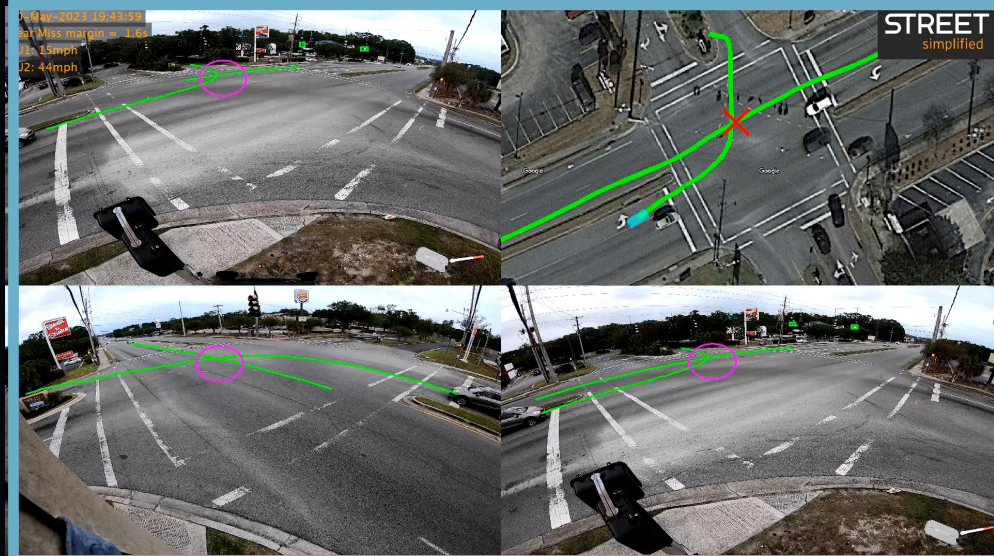


WHAT WE'RE DOING NOW

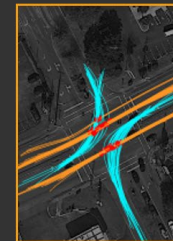


ASSESSING INTERSECTIONS WITH ARTIFICIAL INTELLIGENCE

Pilot – Clay County Gateway to Clay Smart Corridor

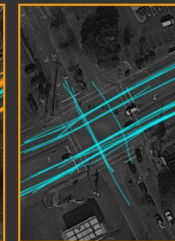


KEY FINDINGS



Left Turn Conflicts

76 Left-Through Events
181 Through-Left Events
14 Left-Left Events



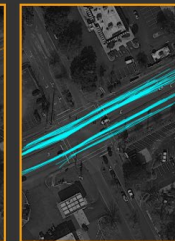
Red Light Running & Through-Through Conflicts

40 Red Light Running Events
2 Through-Through Events



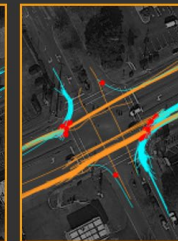
Vulnerable Road User Conflicts

3 Near Miss Events
3 Crossing on Opposing Green Events
1 Intersection Blocking Event



Speeding

90 Events



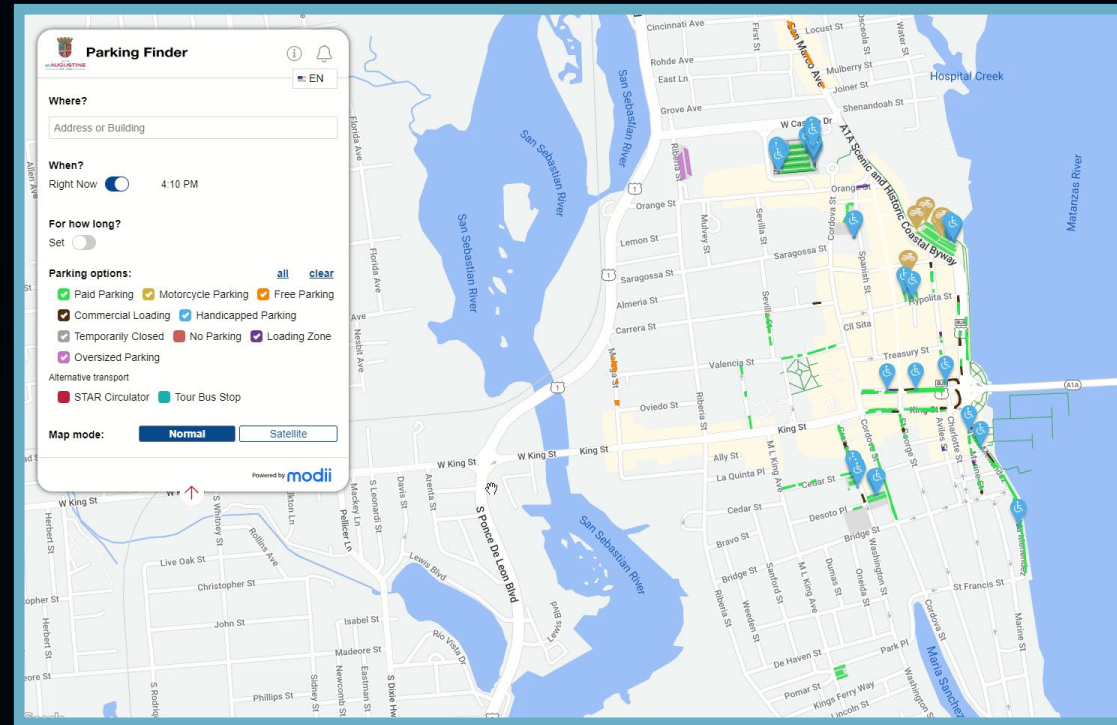
Merging Conflicts

215 Merging Events

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WHAT WE'RE DOING NOW



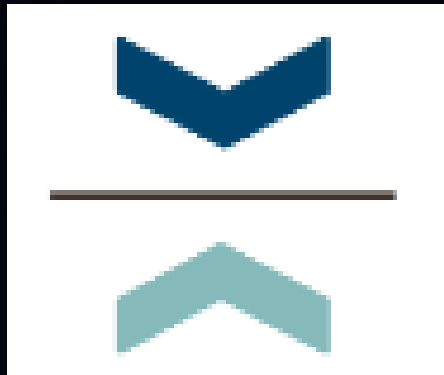
modii

PARKING SMART IN ST. AUGUSTINE WITH DIGITAL TWINS

Pilot – City of St. Augustine
Smart St. Augustine



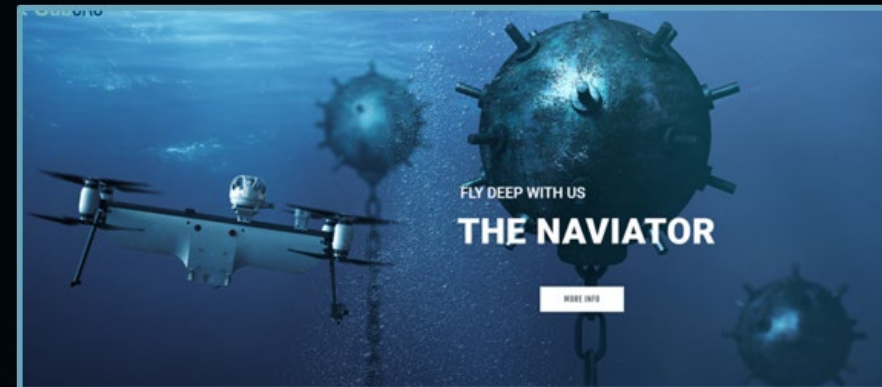
WHAT WE'RE DOING NOW



Navigator

**DRONE ANALYSIS
FOR BRIDGE INSPECTION**

Pilot – FDOT District 2



The Navigator



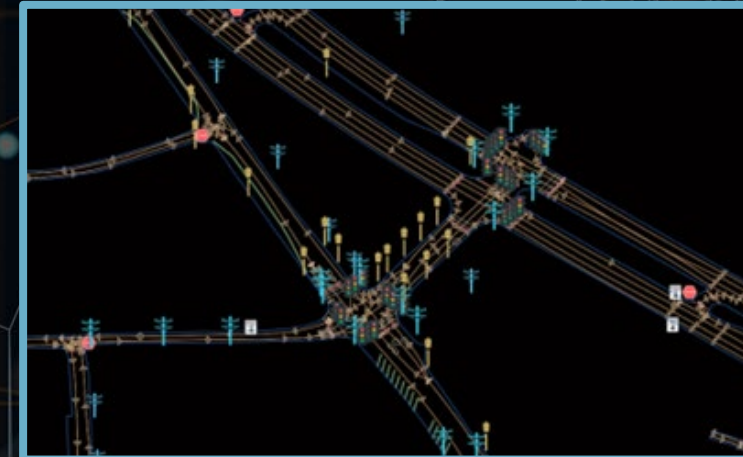
WHAT WE'RE DOING NOW



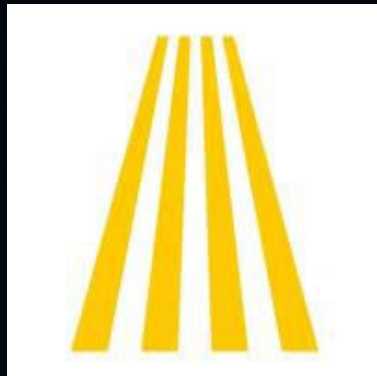
GeoMate

AI AERIAL VISION MAPPING FOR ROADWAY INVENTORY

Pilot – FDOT D2 SLD Process



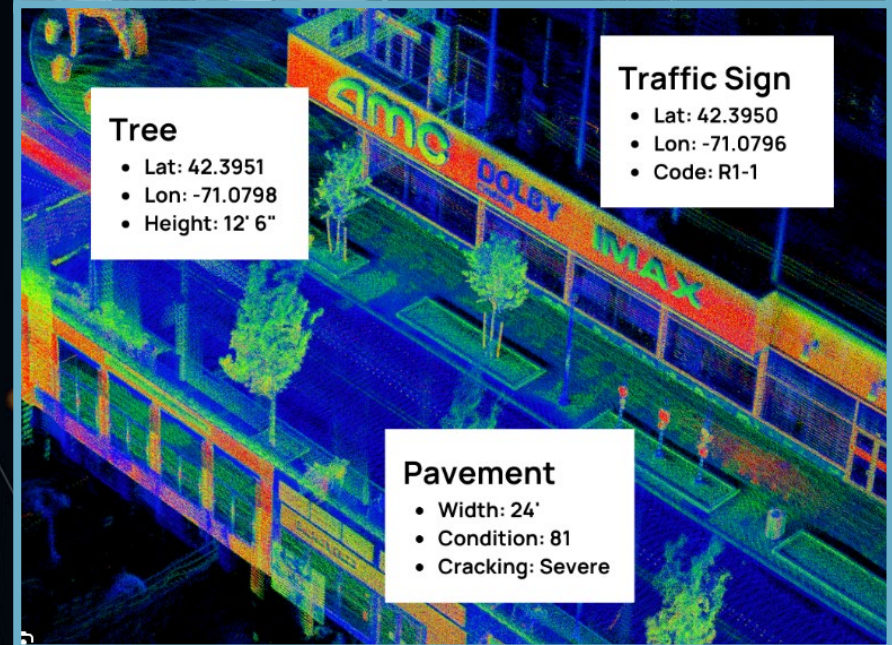
WHAT WE'RE DOING NOW



Cyvl.AI

LIDAR ANALYSIS FOR ASSET CONDITIONS

Pilot – Neptune Beach



WHAT WE'RE DOING NOW



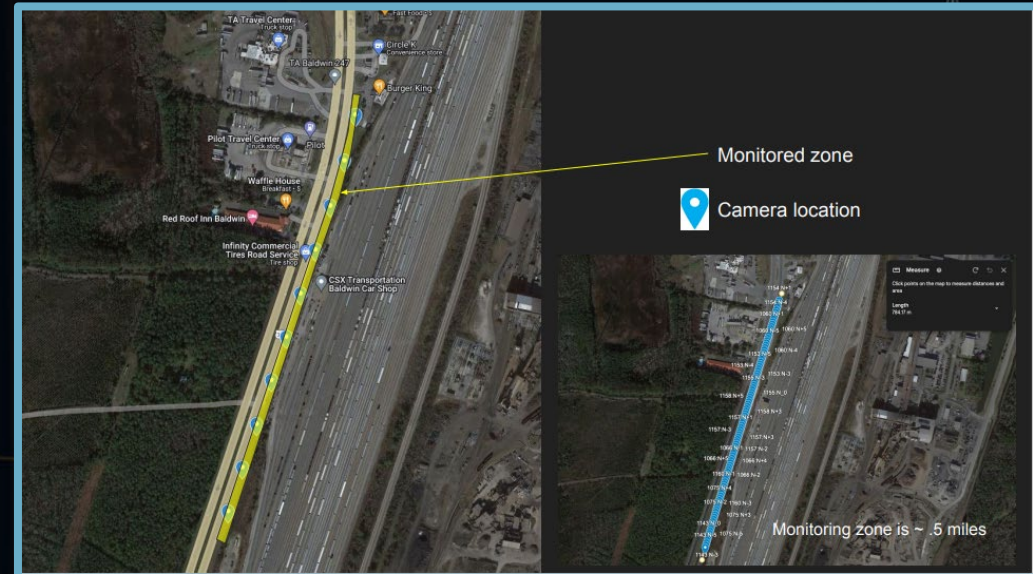
Modii

AI ANALYSIS OF TRUCK PARKING CONDITIONS

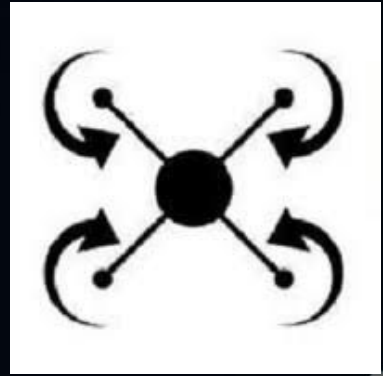


Ensign

Pilot – FDOT District 2
US 301 @ I-10



WHAT WE'RE DOING NOW



Blue Vigil

UMANNED AERIAL VEHICLE
FOR OVERHEAD LIGHTING

Pilot – JEA (Jacksonville Utility)



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Executive Director
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Closing Remarks

Jennifer Fortunas, P.E.
Director Office of Policy Planning (OPP)



Upcoming Activities

Federal Planning Findings Meeting – May 30

Follow up Items

- OPP will email attendees
 - List of upcoming MPO dates
 - Closing Survey



Closing Survey



Please fill out the closing survey on Survey Monkey!

Link: <https://www.surveymonkey.com/r/6R7WQ6H>

Survey Code: 20240405



Thank you for attending!



PRIORITY #1
IMPROVING
SAFETY

KNOW THE FACTS:

There is **1** fatality every **12** minutes nationally and **8** fatalities every day in Florida.

