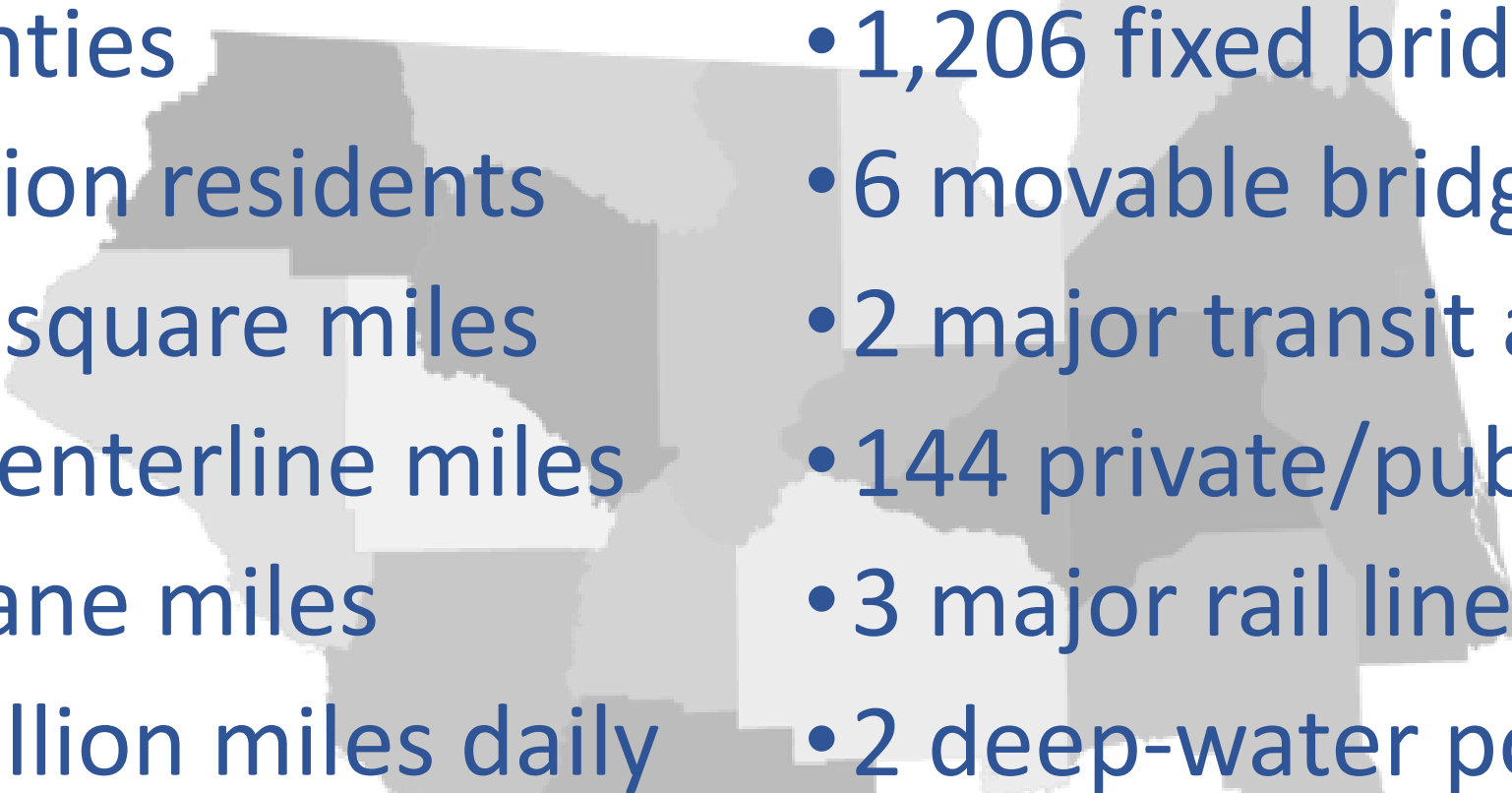


TRANSPORTATION SYMPOSIUM 2019

Unlocking the ArcGIS Overlap Tool

Katrina Sadler

DISTRICT TWO

- 
- 18 counties
 - 1.9 million residents
 - 12,000 square miles
 - 2,556 centerline miles
 - 8,197 lane miles
 - 43.2 million miles daily
 - 1,206 fixed bridges
 - 6 movable bridges
 - 2 major transit authorities
 - 144 private/public airports
 - 3 major rail lines
 - 2 deep-water ports

DISTRICT TWO – FIVE YEAR WORK PROGRAM

- 347 Construction projects - \$2.9 billion
- 223 Design projects - \$322 million
- Advanced Potential Production (APP)
 - 32 projects
 - Approximately \$11 billion (all phases)
- Functional Areas – Program Managers
 - PLEMO
 - Traffic Operations
 - Bridge
 - Maintenance
 - Local Programs

DISTRICT TWO - ISSUE

- Coordination Efforts
 - Project congestion
 - MOT concerns
 - Overlapping projects/phases
 - Multiple project/phase creation
 - Contractor overlaps
 - Increased bid prices

DISTRICT TWO – SOLUTION: OVERLAP TOOL

- Requirements For Solution
 - Cross-functional use
 - User friendly
 - Graphically display projects
- Obstacles To Overcome
 - Data refresh rate
 - User Interface
 - Solution: Scripts to auto refresh data

DISTRICT TWO – BENEFITS: OVERLAP TOOL

- Application Use

- Functional Areas / Program Managers
- Project Managers (PD&E, Design, Construction)
- Local Government Project Awareness
- Maintenance & Utility Permitting



ArcGIS World Geocoding Service

Address Search

Map Navigation Tools

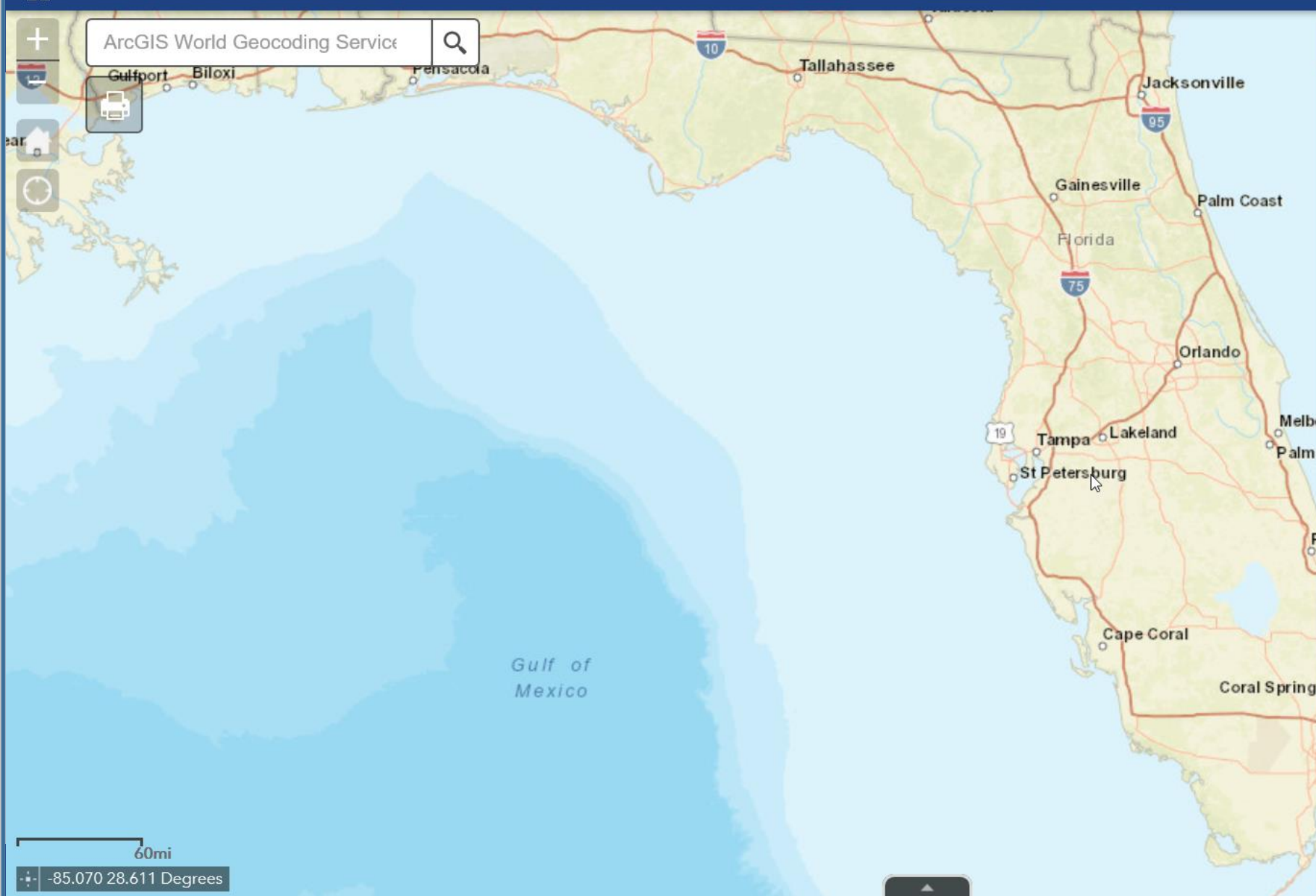
Scale Bar

Coordinates

Widget Toolbar

Map Overview

60mi
-76.266 30.611 Degrees



Layer List

Operational layers

☐ Active_Construction_Projects - ConstructionProjects_Test

☒ District 2 Projects

☒ Candidate Projects

☒ Project Phase/Fiscal Year (AD/G1) ~

☐ Planning ~

☐ PD & E ~

☐ Preliminary Engineering ~

☐ Construction ~

☐ New Road Construction ~

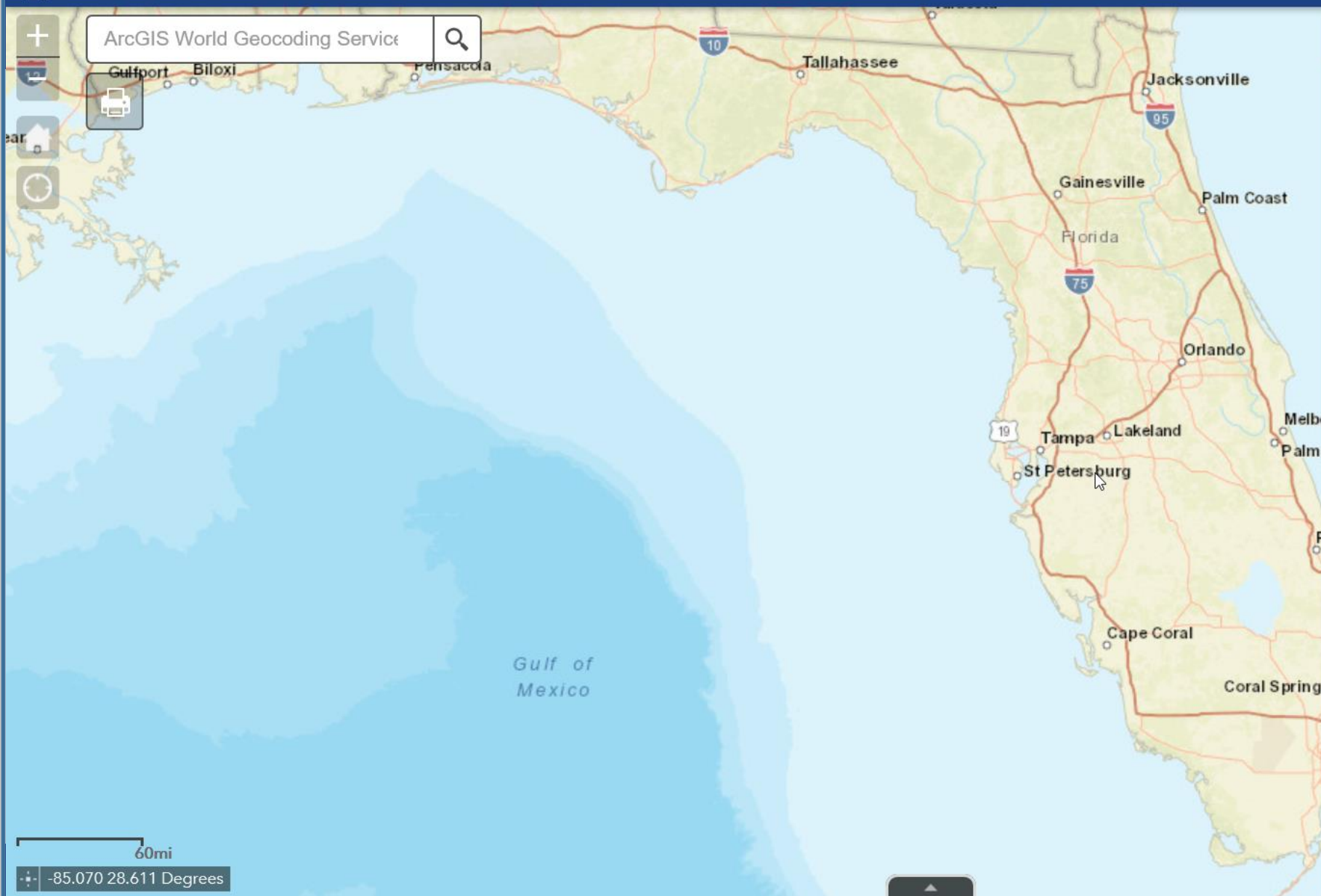
☐ Construction - Other Agency ~

☐ Landscaping ~

☐ Construction Duration (AD/G1)

☐ Construction Duration (AD/G1) ~

FDOT TRANSPORTATION SYMPOSIUM



Layer List

Operational layers

☐ Active_Construction_Projects - ConstructionProjects_Test

☐ District 2 Projects

☐ Candidate Projects

☒ Project Phase/Fiscal Year (AD/G1) ~

☐ Planning ~

☐ PD & E ~

☐ Preliminary Engineering ~

☐ Construction ~

☐ New Road Construction ~

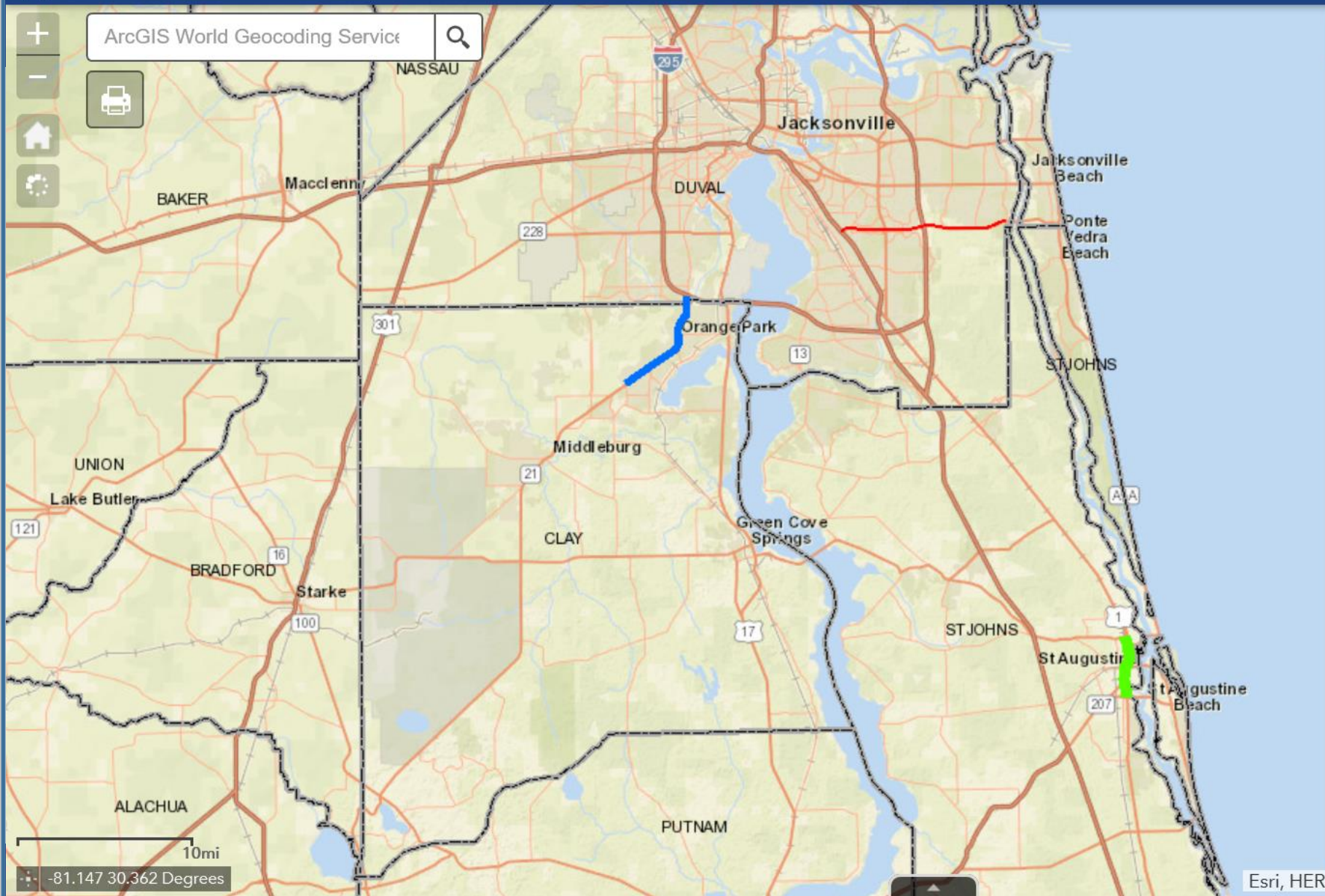
☐ Construction - Other Agency ~

☐ Landscaping ~

☐ Construction Duration (AD/G1)

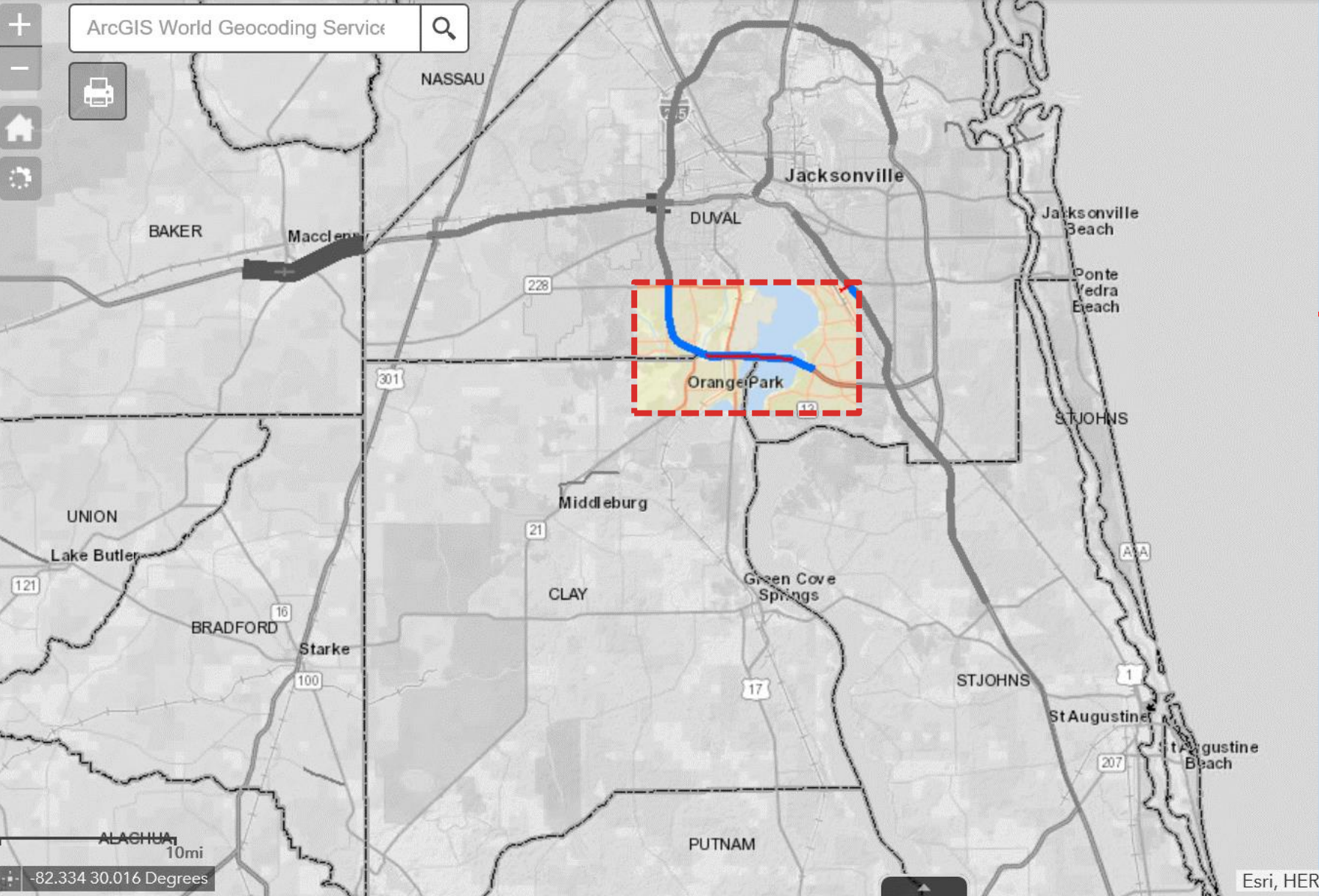
☐ Construction Duration (AD/G1) ~

FDOT TRANSPORTATION SYMPOSIUM



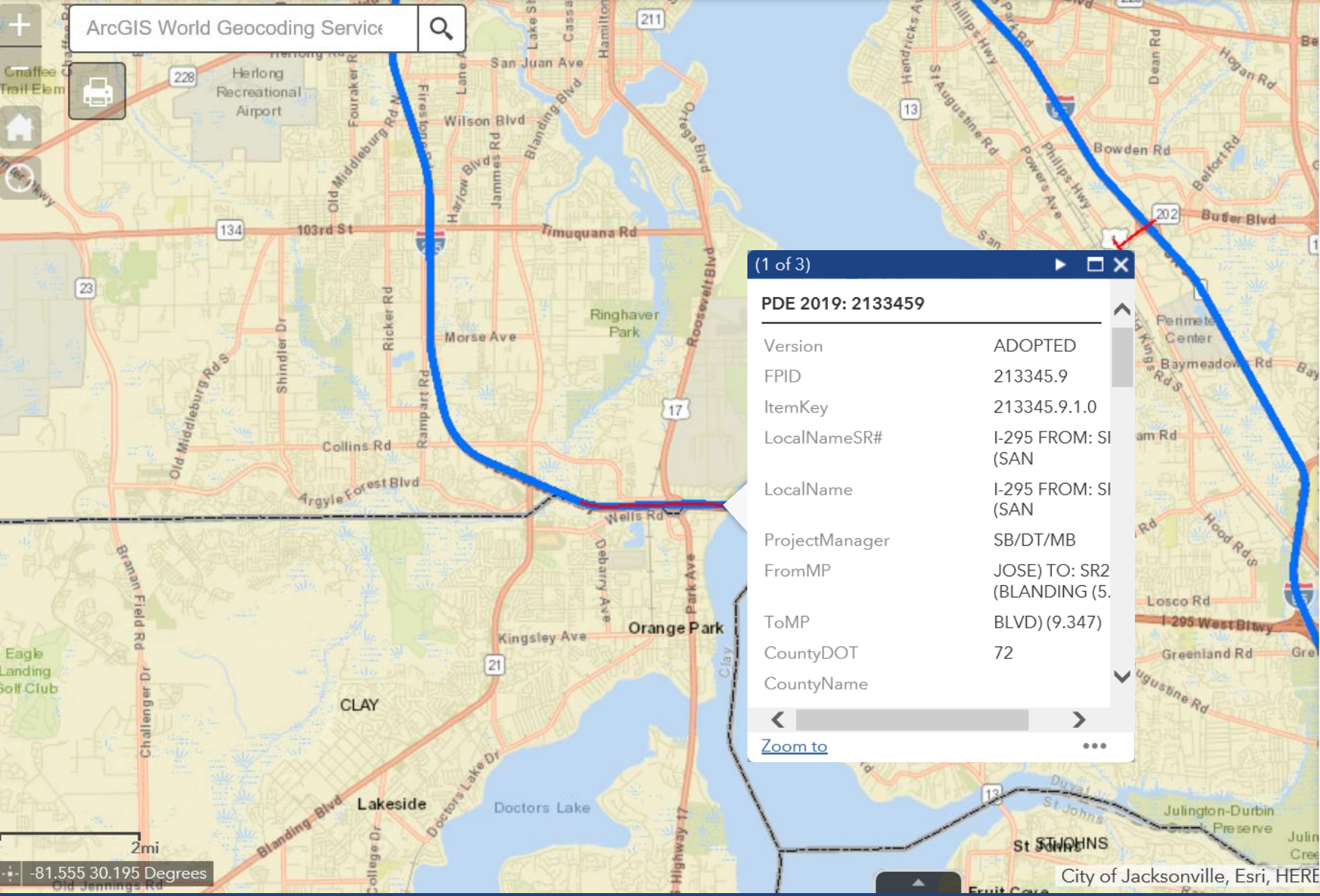
Layer List

- ☒ Project Phase/Fiscal Year (AD/G1) ~
- ☒ Planning ~
 - ☒ PLN 2019
 - ☒ PLN 2020
 - ☒ PLN 2021
 - ☒ PLN 2022
 - ☒ PLN 2023
 - ☐ PLN 2024
 - ☐ PLN 2025
 - ☐ PLN 2026
 - ☐ PD & E ~



Layer List

- ☒ Project Phase/Fiscal Year (AD/G1) ~ ...
- ☐ Planning ~ ...
- ☒ PD & E ~ ...
- ☒ PDE 2019 ...
- ☒ PDE 2020 ...
- ☒ PDE 2021 ...
- ☒ PDE 2022 ...
- ☒ PDE 2023 ...
- ☐ PDE 2024 ...
- ☐ PDE 2025 ...
- ☐ PDE 2026 ...



(1 of 3)

PDE 2019: 2133459

Version	ADOPTED
FPID	213345.9
ItemKey	213345.9.1.0
LocalNameSR#	I-295 FROM: SI (SAN
LocalName	I-295 FROM: SI (SAN
ProjectManager	SB/DT/MB
FromMP	JOSE) TO: SR2 (BLANDING (5.
ToMP	BLVD) (9.347)
CountyDOT	72
CountyName	

<

>

[Zoom to](#)

Layer List

☒ Project Phase/Fiscal Year (AD/G1) ~

☐ Planning ~

☒ PD & E ~

☒ PDE 2019

☒ PDE 2020

☒ PDE 2021

☒ PDE 2022

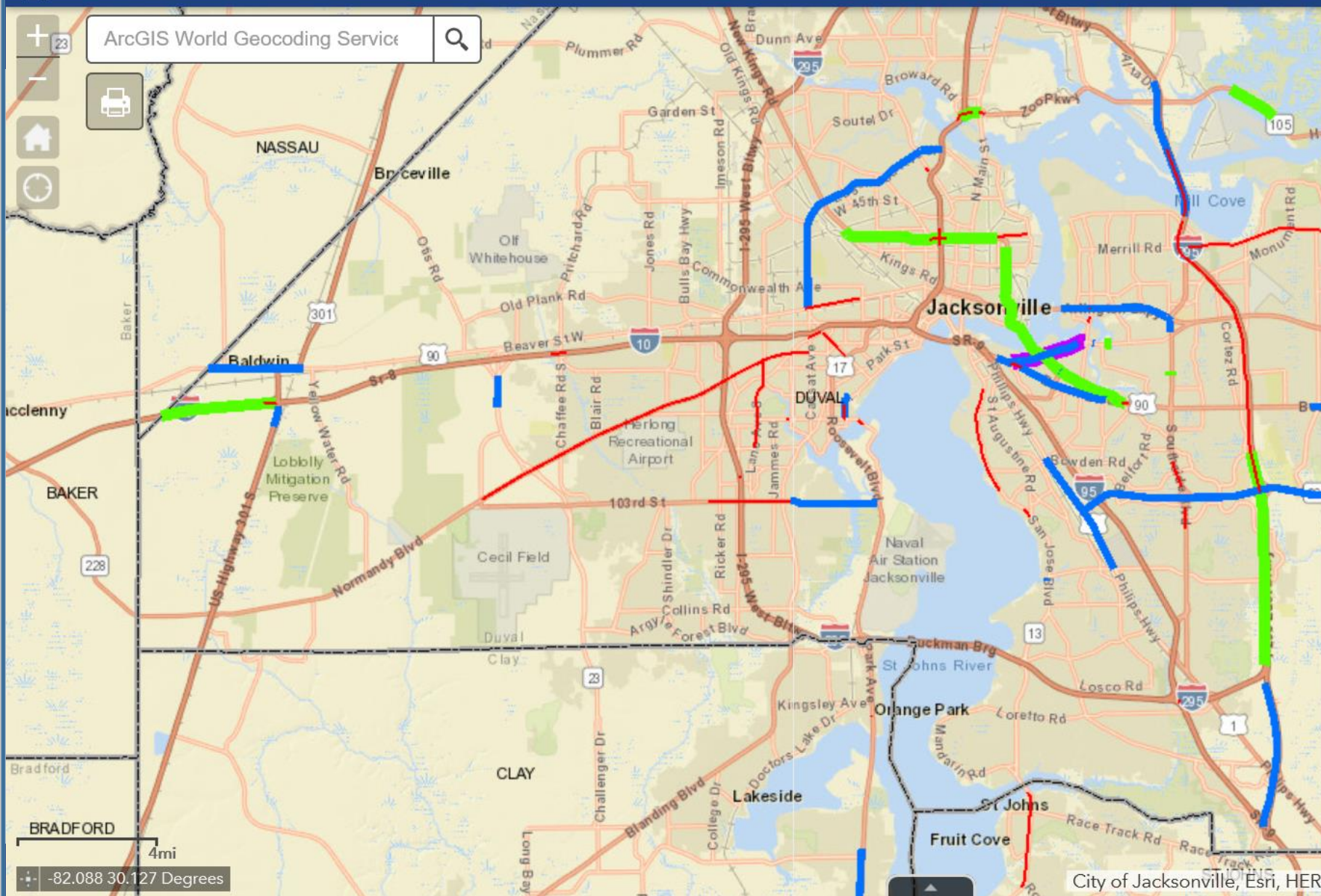
☒ PDE 2023

☐ PDE 2024

☐ PDE 2025

☐ PDE 2026

City of Jacksonville, Esri, HERE



Layer List

☐ Candidate Projects

☒ Project Phase/Fiscal Year (AD/G1) ~

☐ Planning ~

☐ PD & E ~

☒ Preliminary Engineering ~

☒ PE 2019

☒ PE 2020

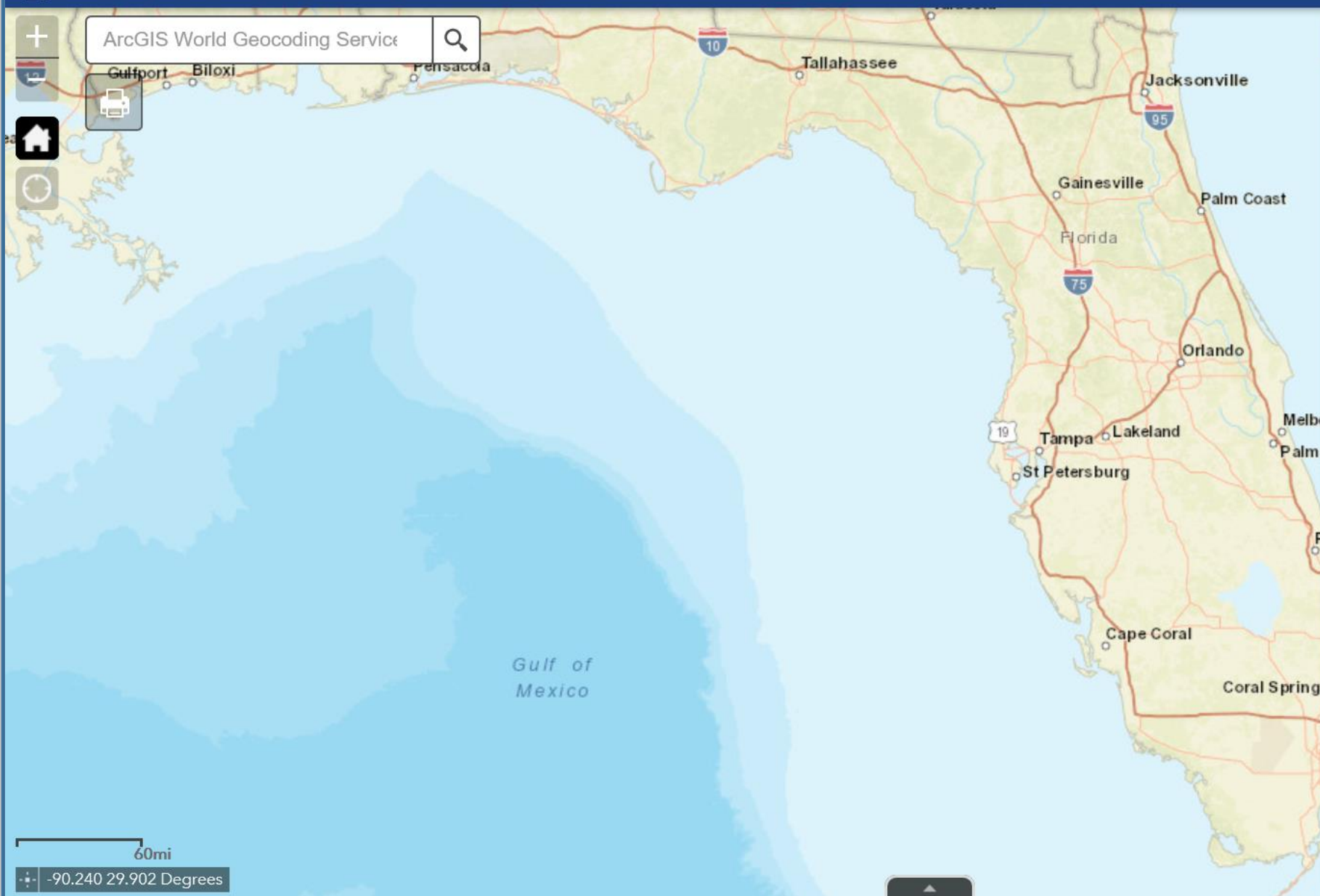
☒ PE 2021

☒ PE 2022

☐ PE 2023

☐ PE 2024

☐ PE 2025



Layer List

Operational layers

☐

Active_Construction_Projects - ConstructionProjects_Test

☒

District 2 Projects

☐

Candidate Projects

☒

Project Phase/Fiscal Year (AD/G1) ~

☐

Construction Duration (AD/G1)

☐

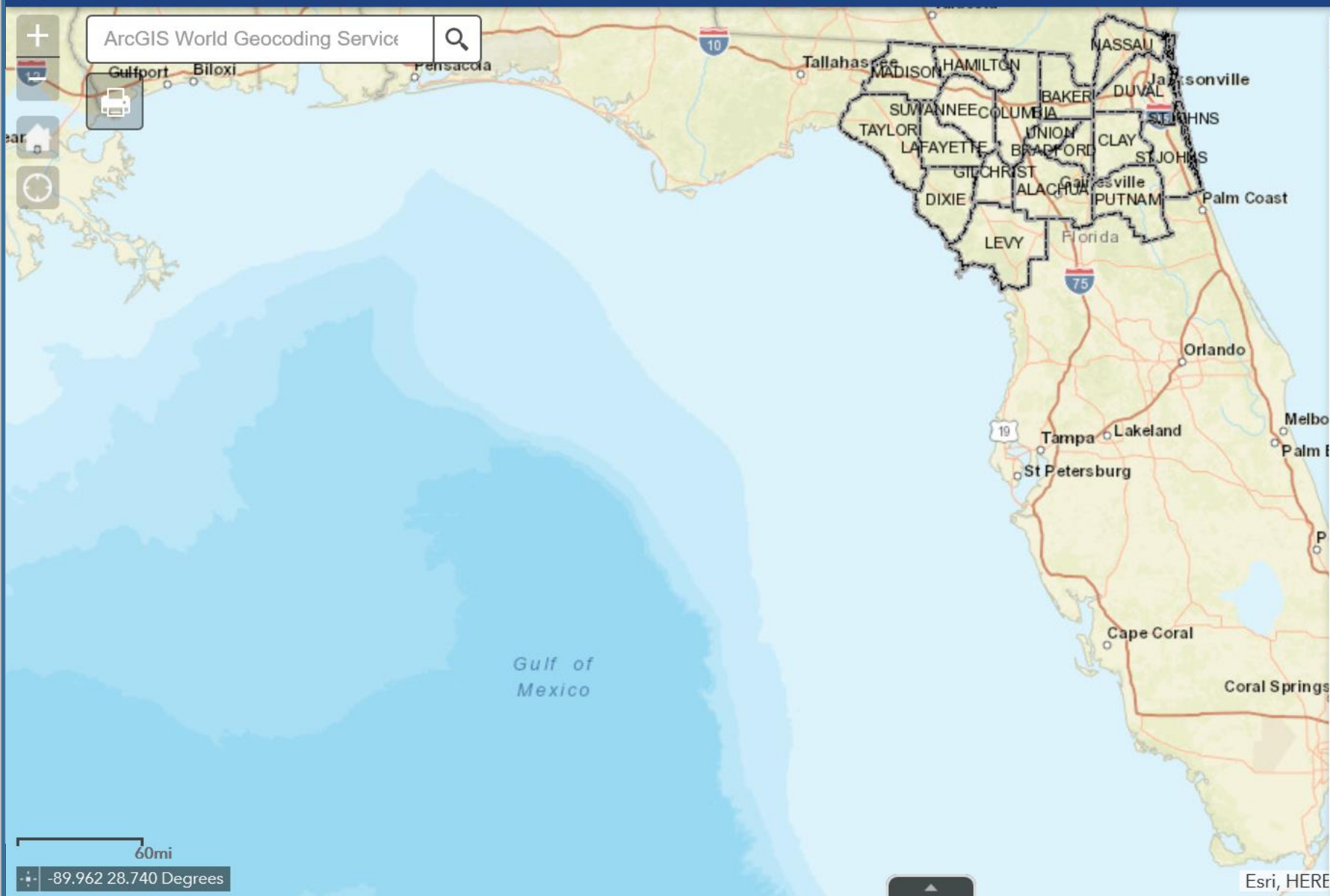
Construction Duration (AD/G1) ~

☐

All Projects (AD/G1/CA) 5yr WP

☒

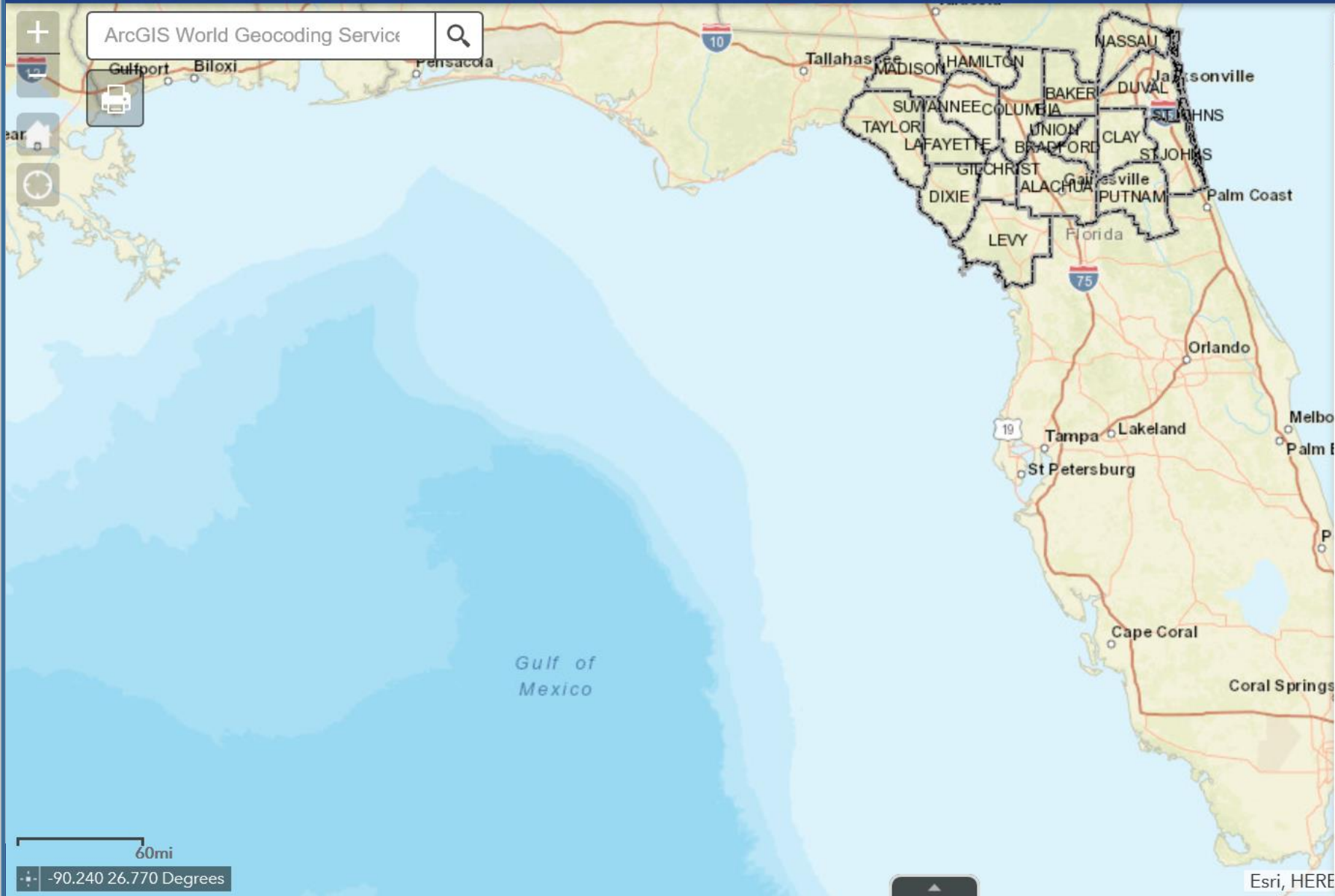
County Boundary



Layer List

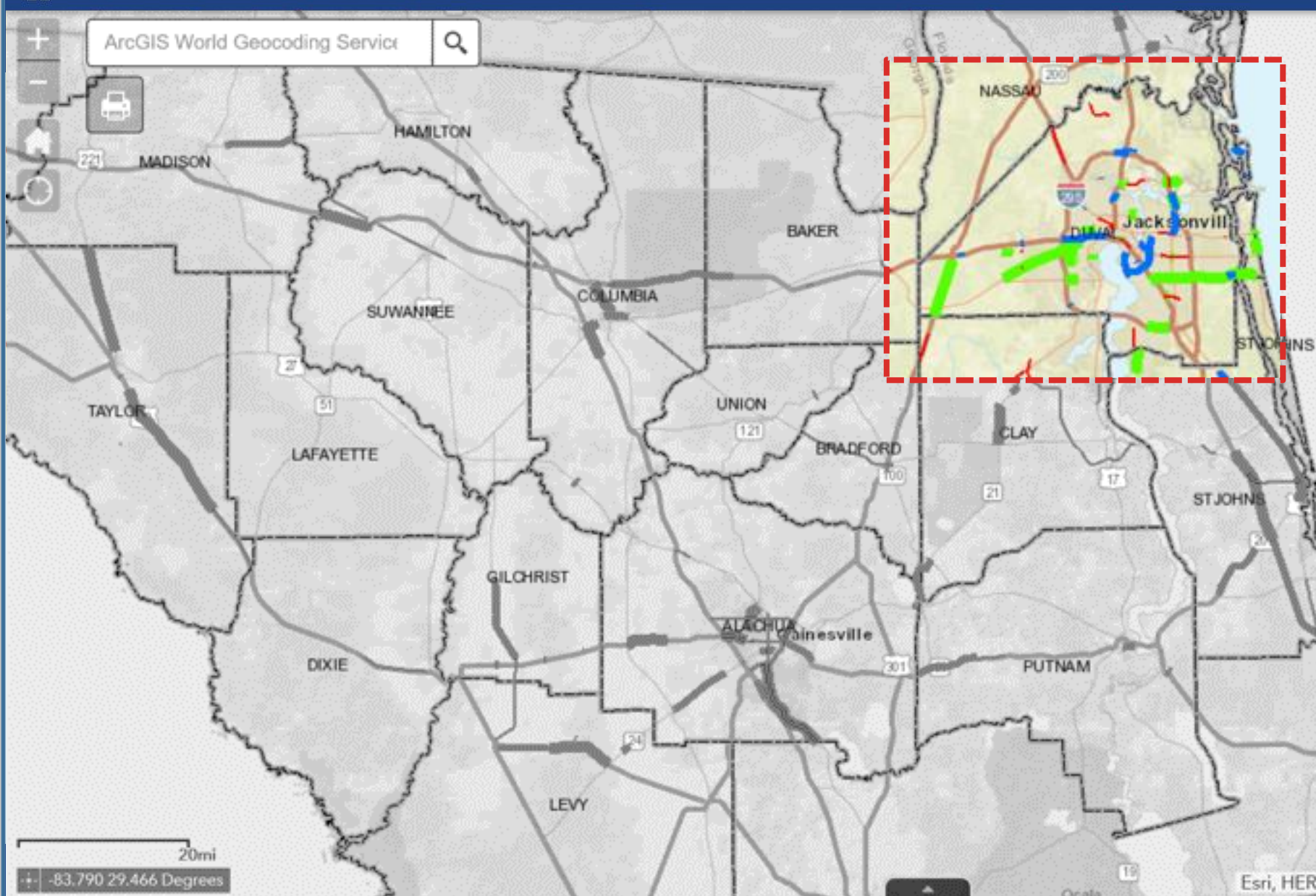
Operational layers

- ☐ Active_Construction_Projects - ConstructionProjects_Test
- ☒ District 2 Projects
- ☐ Candidate Projects
- ☒ Project Phase/Fiscal Year (AD/G1) ~
 - ☐ Planning ~
 - ☐ PD & E ~
 - ☐ Preliminary Engineering ~
 - ☒ Construction ~
 - ☐ New Road Construction ~
 - ☐ Construction - Other Agency ~
 - ☐ Landscaping ~
 - ☐ Construction Duration (AD/G1)
 - ☒ County Boundary



Layer List

- ☒ District 2 Projects
- ☐ Candidate Projects
- ☒ Project Phase/Fiscal Year (AD/G1) ~
 - ☐ Planning ~
 - ☐ PD & E ~
 - ☐ Preliminary Engineering ~
 - ☒ Construction ~
 - ☒ Construction 2019
 - ☒ Construction 2020
 - ☒ Construction 2021
 - ☐ Construction 2022
 - ☐ Construction 2023



Layer List

▼

☒

District 2 Projects

...

▶

☐

Candidate Projects

...

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☒

Project Phase/Fiscal Year (AD/G1) ~

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▶

☐

Planning ~

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☐

PD & E ~

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☐

Preliminary Engineering ~

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Construction ~

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Construction 2019

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☒

Construction 2020

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☒

Construction 2021

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☐

Construction 2022


...

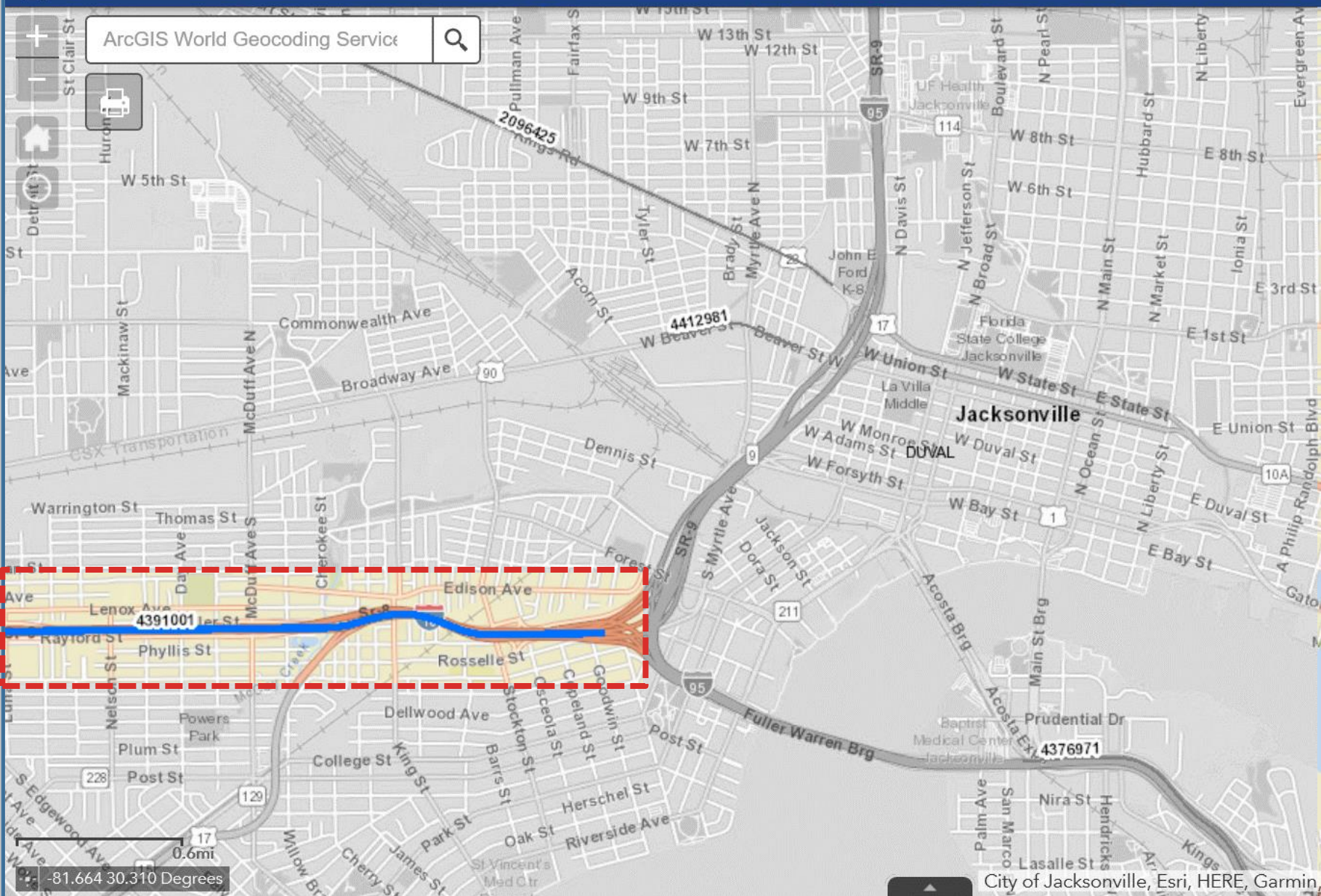
▶

☐

Construction 2023

...


TRANSPORTATION SYMPOSIUM



Layer List

Operational layers

- ☐ Active_Construction_Projects - ConstructionProjects_Test
- ☒ District 2 Projects
 - ☐ Candidate Projects
 - ☒ Project Phase/Fiscal Year (AD/G1) ~
 - ☐ Planning ~
 - ☐ PD & E ~
 - ☐ Preliminary Engineering ~
 - ☒ Construction ~
 - ☒ Construction 2019
 - ☒ Construction 2020
 - ☐ Construction 2021
 - ☐ Construction 2022

City of Jacksonville, Esri, HERE, Garmin,

ArcGIS World Geocoding Service



All Projects (AD/G1/CA) 5yr WP: 4391001

Version	ADOPTED
FPID	439100.1
ItemKey	439100.1.1.0
LocalNameSR#	I-10 FROM: I-295 TO:
LocalName	I-10 FROM: I-295 TO:
ProjectManager	KT/RA/CT
FromMP	I-95 (16.000)
ToMP	(21.441)
CountyDOT	72
CountyName	
ProjectStatus	021

[Zoom to](#)

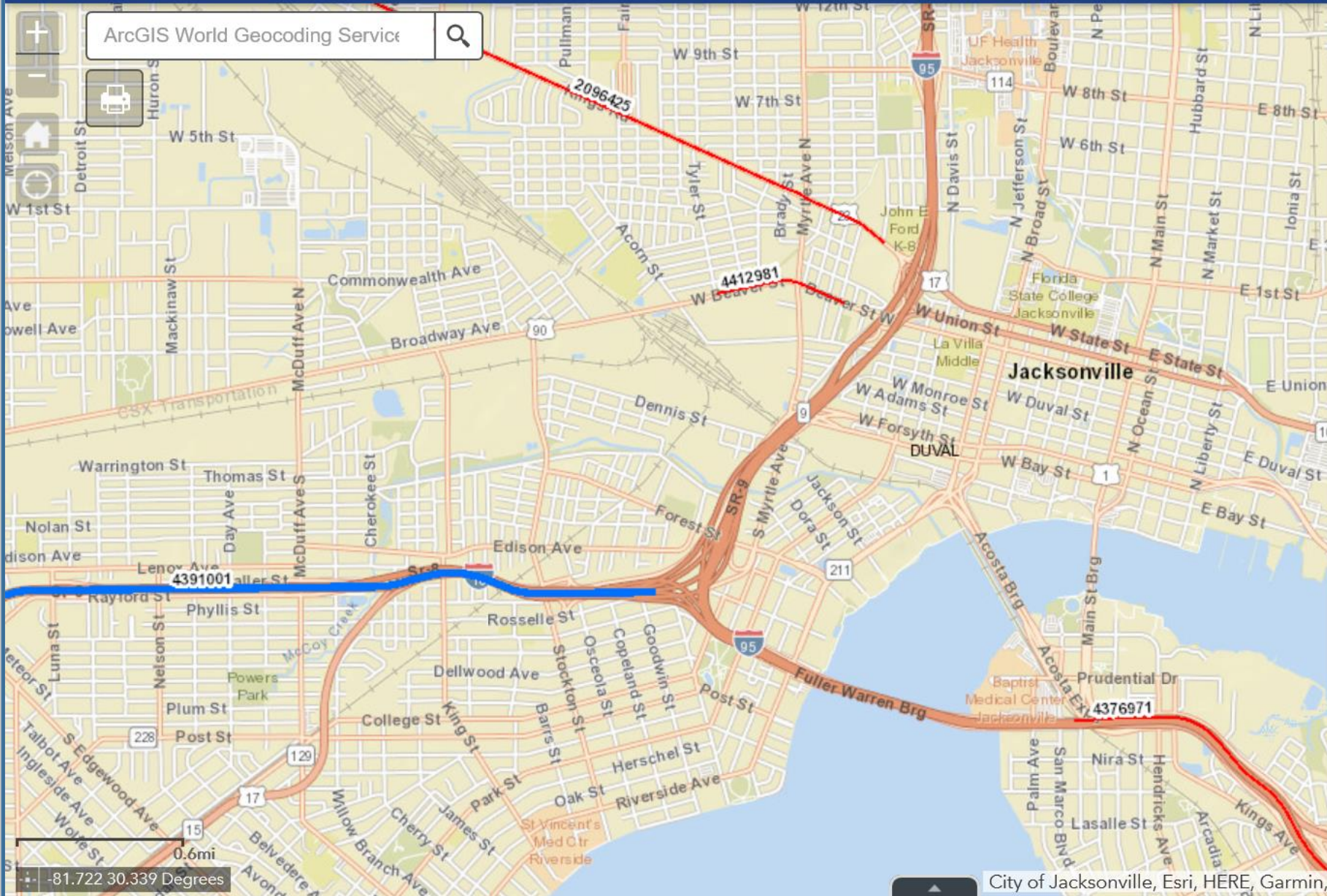
Jacksonville

City of Jacksonville, Esri, HERE, Garmin,

Layer List

Operational layers


- ☐ Active_Construction_Projects - ConstructionProjects_Test
- ☒ District 2 Projects
 - ☐ Candidate Projects
 - ☒ Project Phase/Fiscal Year (AD/G1) ~
 - ☐ Planning ~
 - ☐ PD & E ~
 - ☐ Preliminary Engineering ~
 - ☒ Construction ~
 - ☒ Construction 2019
 - ☒ Construction 2020
 - ☐ Construction 2021
 - ☐ Construction 2022



Milepost Locator

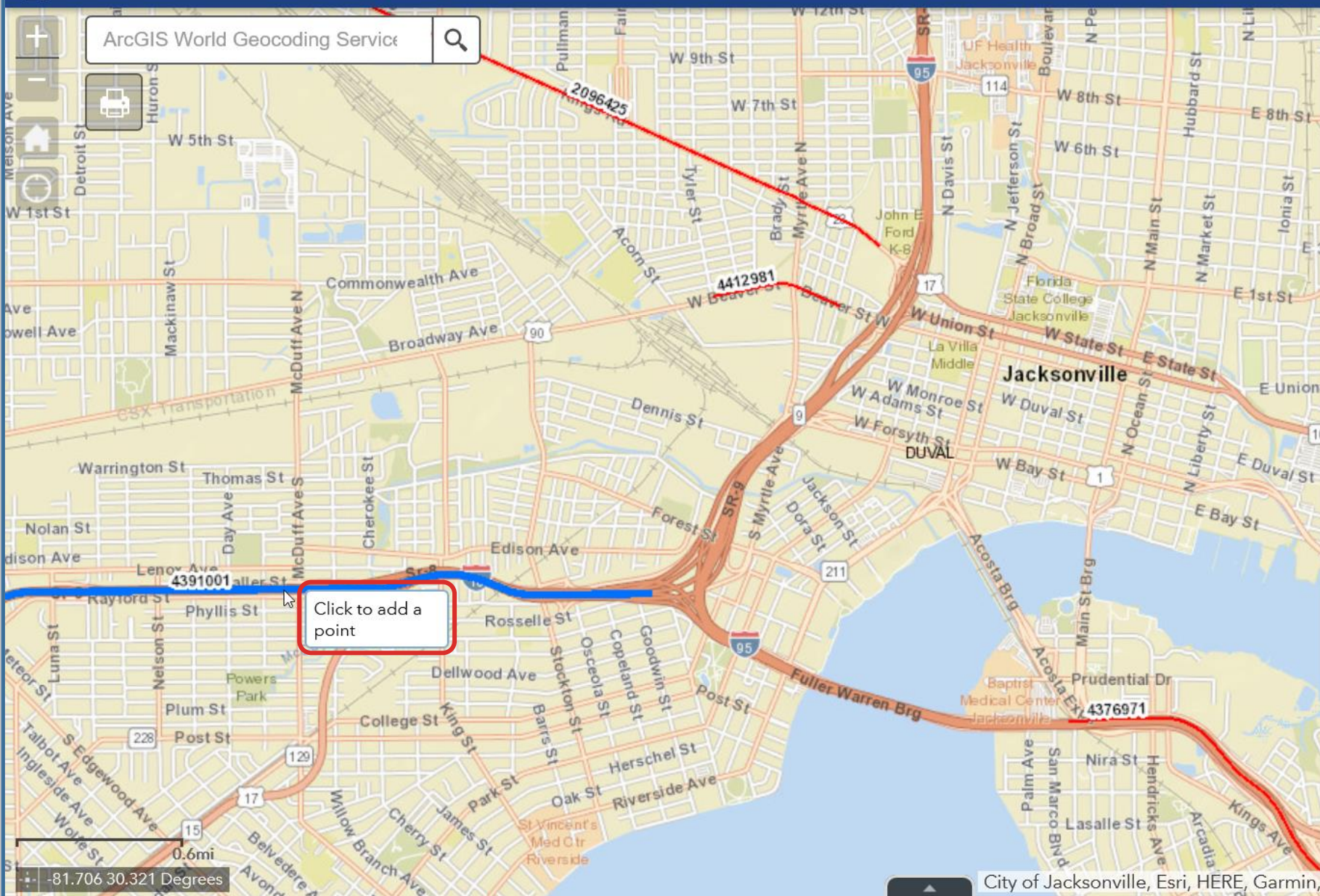
MP Finder Point Finder Segment Finder TDA Finder

Click on the selection button then click on the map to find roadway number and milepost.



Roadway ID	-- Waiting for a click --
Milepost	-- on the map --

City of Jacksonville, Esri, HERE, Garmin,



Milepost Locator

MP Finder Point Finder Segment Finder TDA Finder

Click on the selection button then click on the map to find roadway number and milepost.



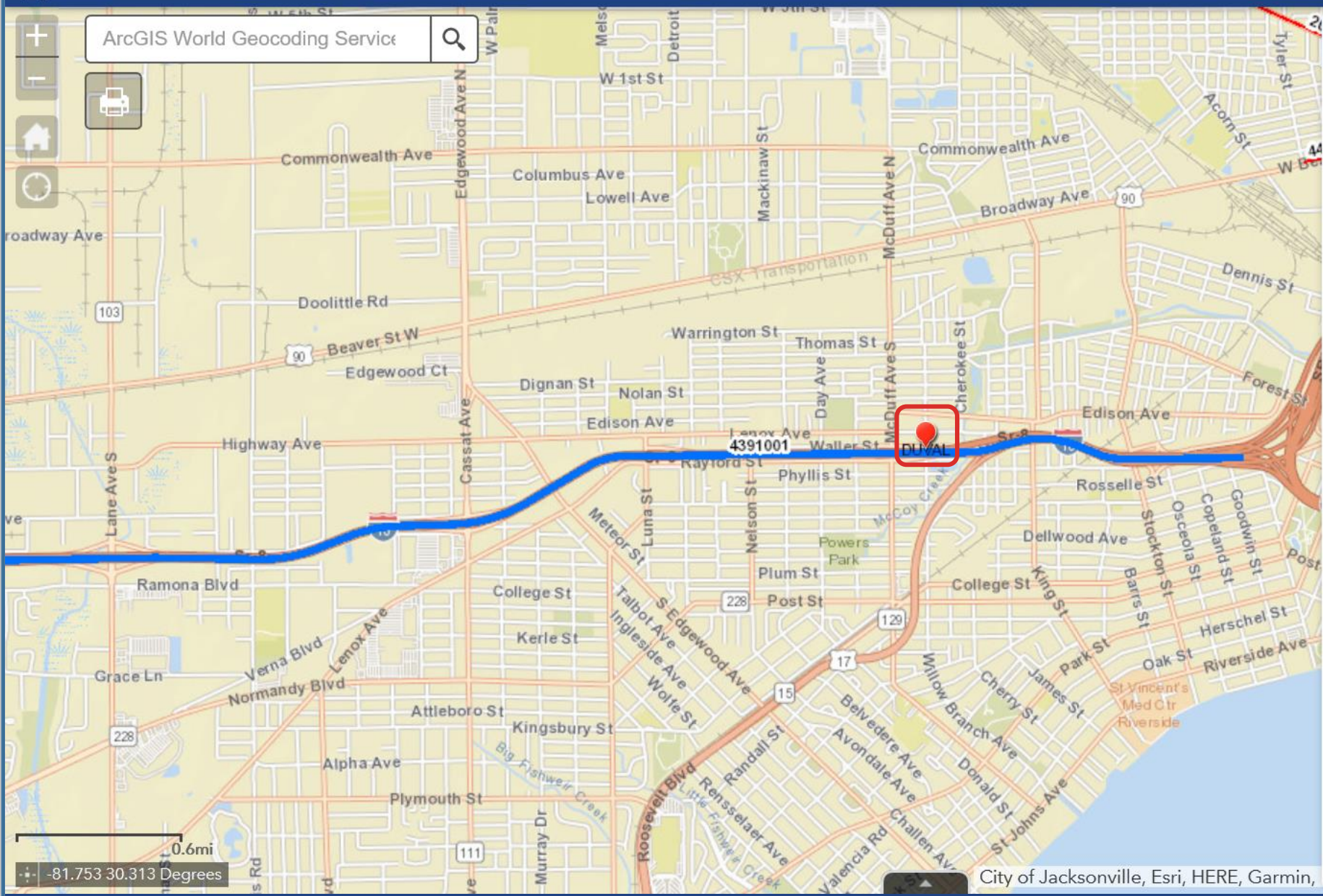
Roadway ID

-- Waiting for a click --

Milepost

-- on the map --

ArcGIS World Geocoding Service



Milepost Locator

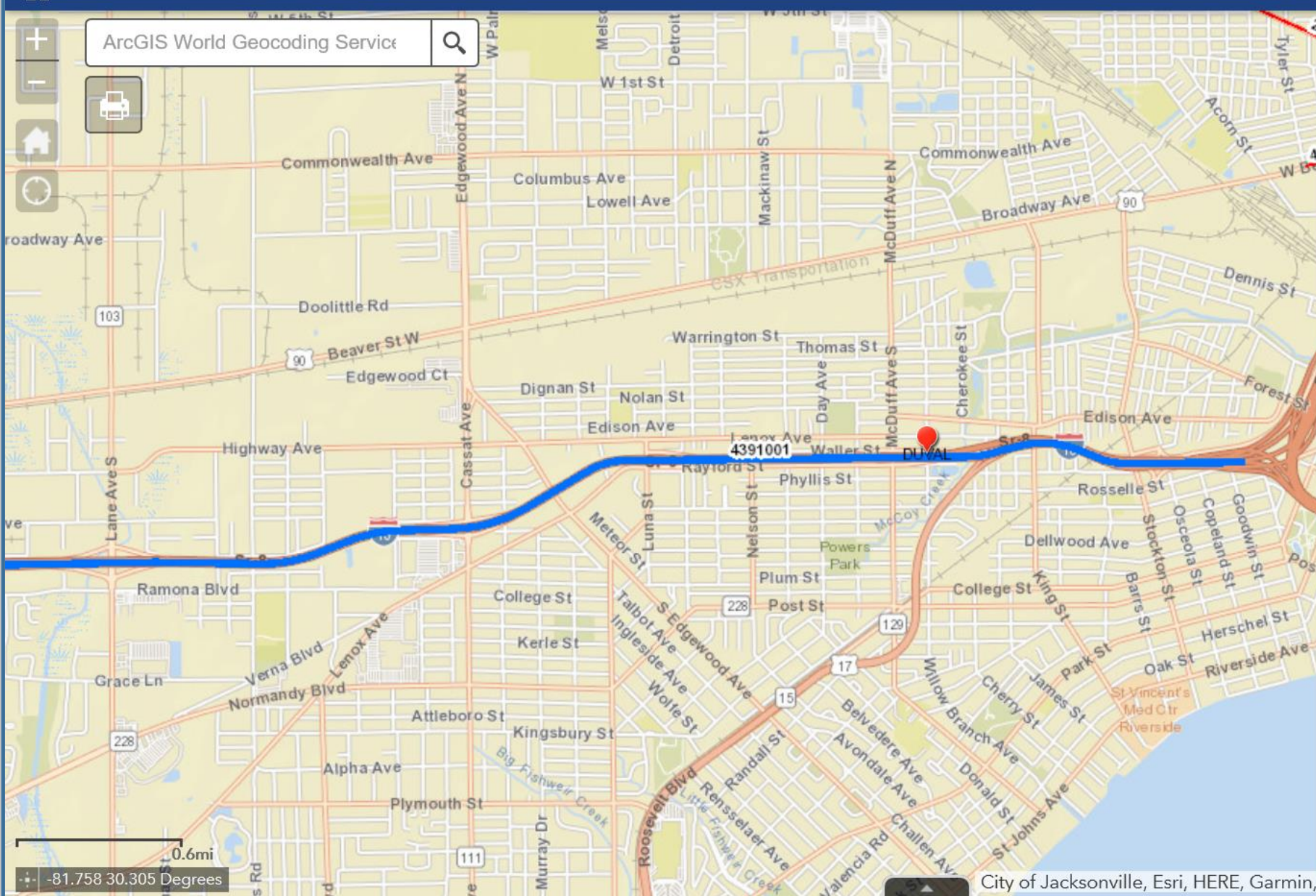
- MP Finder
- Point Finder
- Segment Finder
- TDA Finder

Click on the selection button then click on the map to find roadway number and milepost.



Roadway ID	72270800
Milepost	1.065

City of Jacksonville, Esri, HERE, Garmin,



Milepost Locator

MP Finder **Point Finder** Segment Fin TDA Finder

Input roadway number and milepost values. Then click search.

Roadway ID

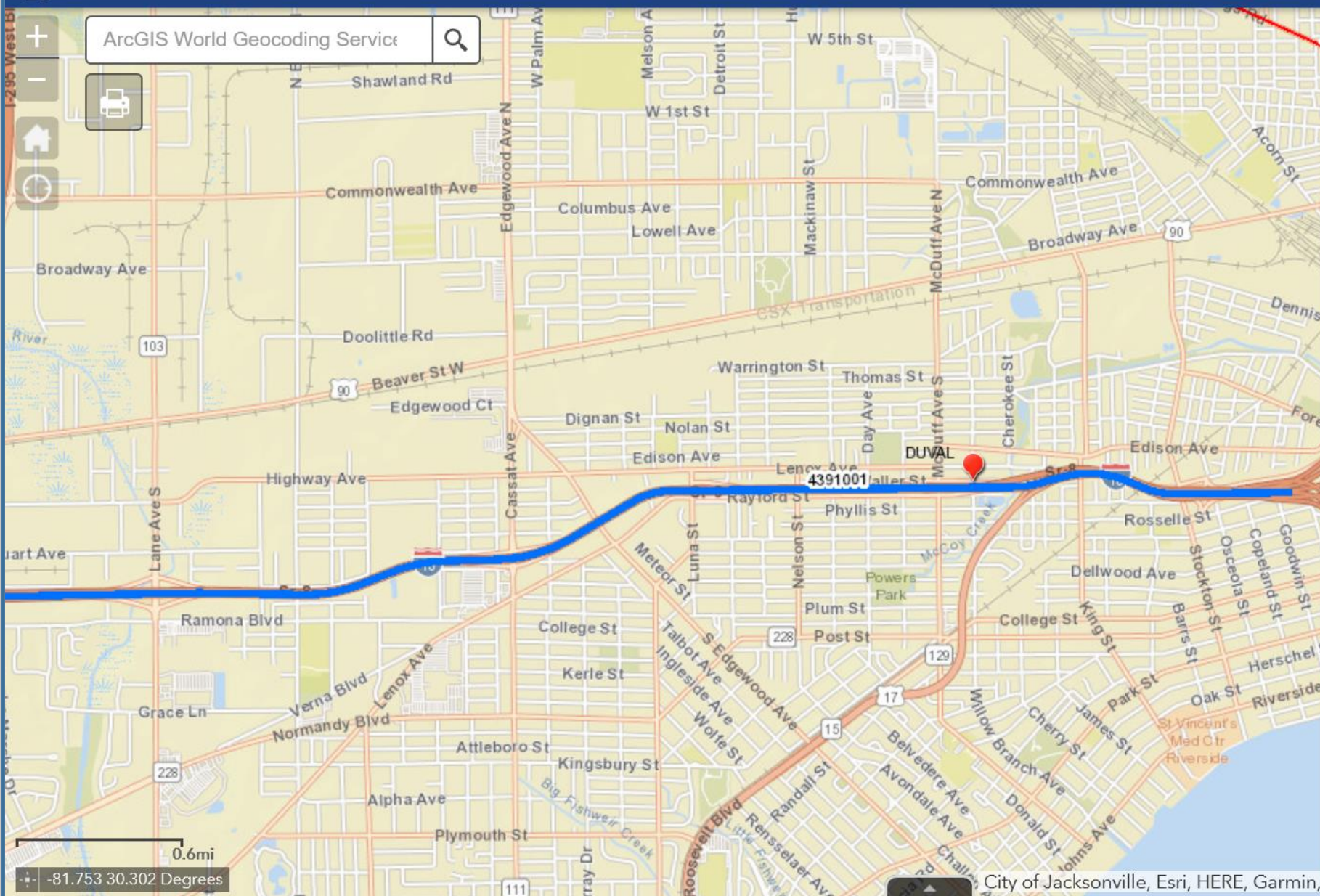
Begin Milepost

Input roadway id

Input end milepost

Search

City of Jacksonville, Esri, HERE, Garmin,



Milepost Locator

MP Finder | Point Finder | Segment Fin | TDA Finder

Input roadway number and milepost values. Then click search.

Roadway ID

72270800

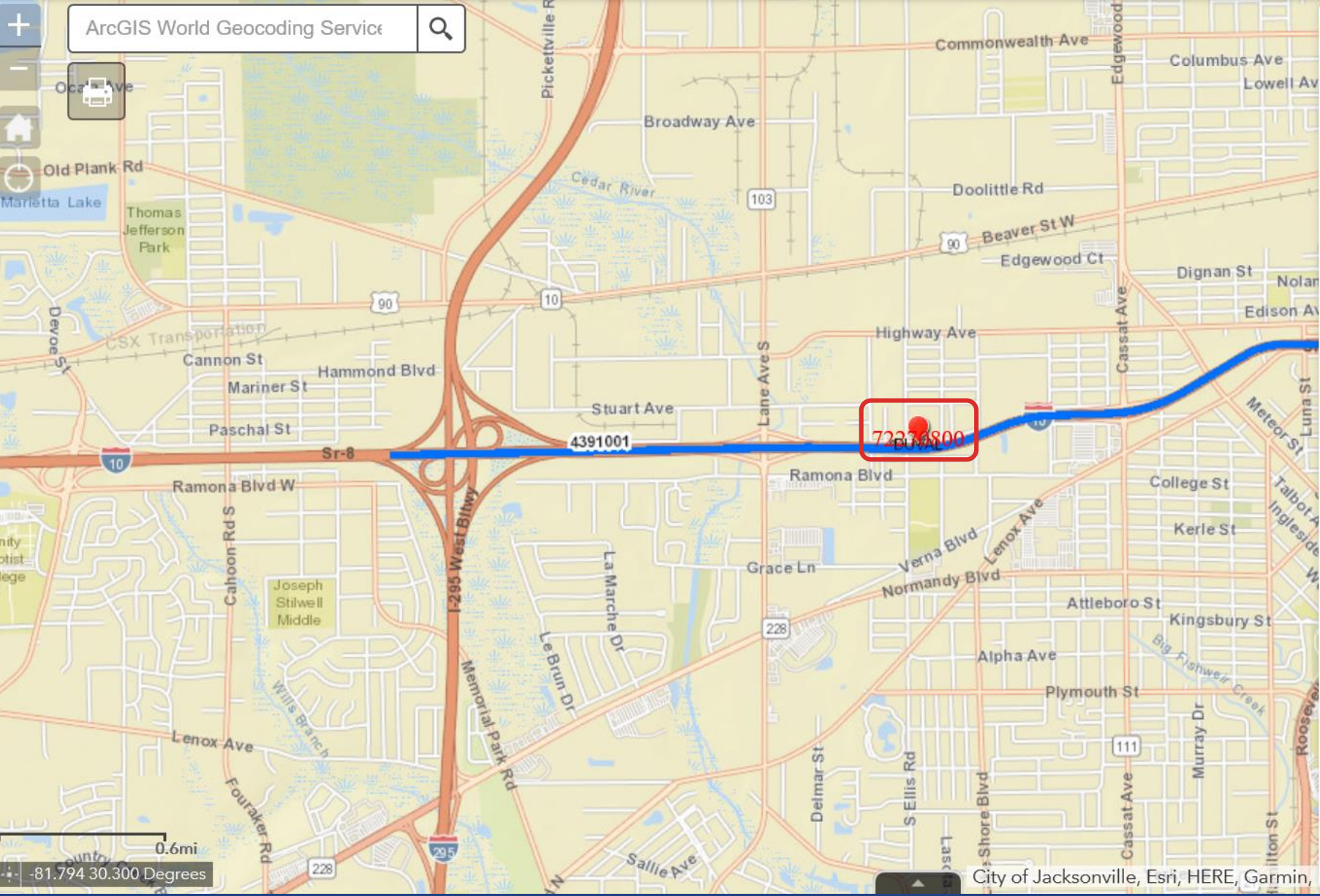
Input roadway id

Begin Milepost

3.5

Input end milepost

Search



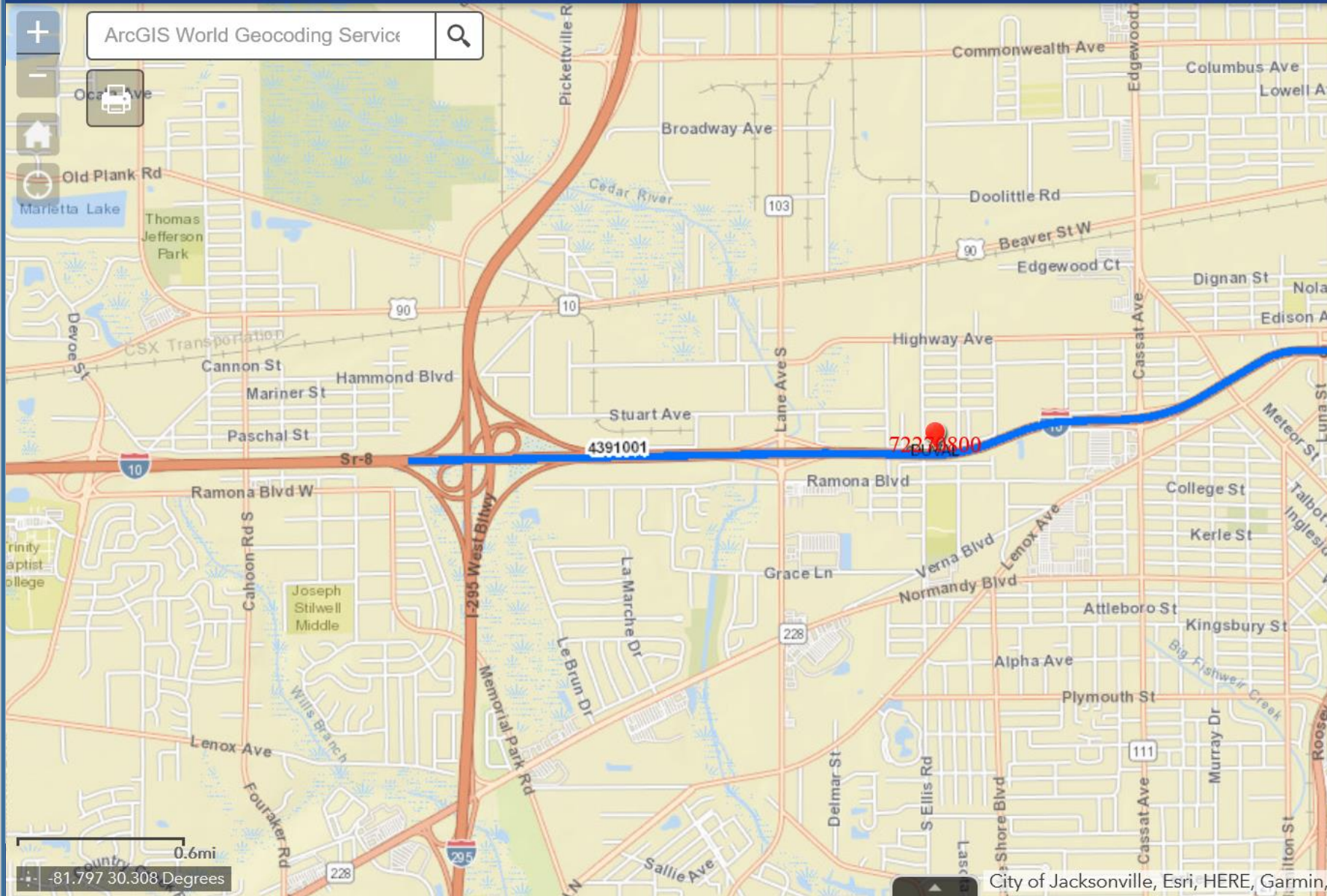
Milepost Locator

MP Finder | Point Finder | Segment Finder | TDA Finder

Input roadway number and milepost values. Then click search.

Roadway ID

Begin Milepost



Milepost Locator

MP Finder
Point Finder
Segment Finder
TDA Finder

Input roadway number and milepost values. Then click search.

Roadway ID

72270800

Input roadway id

Begin Milepost

1.065

Input begin milepost

End Milepost

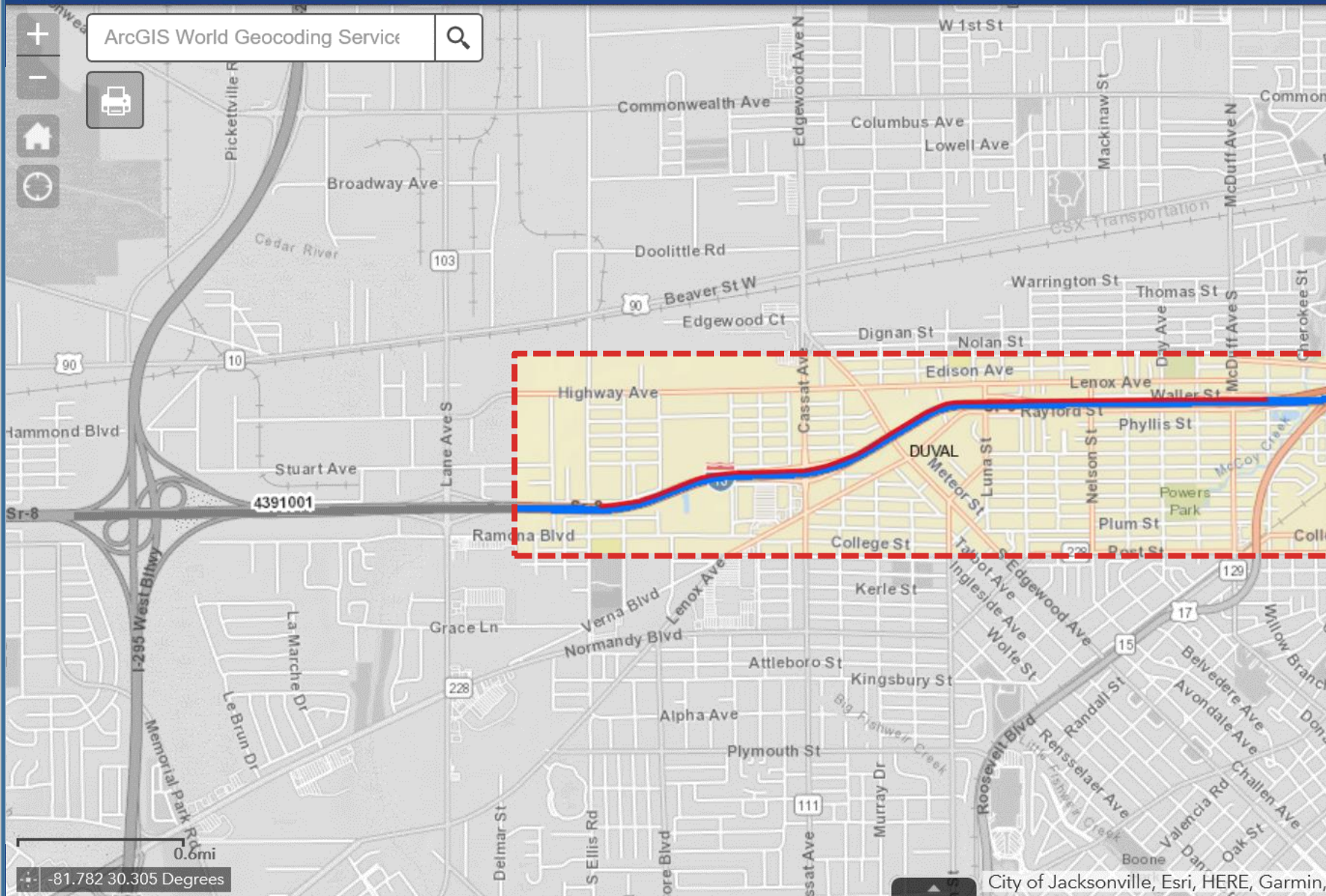
3.5

Input end milepost

Search

City of Jacksonville, Esri, HERE, Garmin,

ArcGIS World Geocoding Service



Milepost Locator



MP Finder

Point Finder

Segment Fin

TDA Finder

Input roadway number and milepost values. Then click search.

Roadway ID

72270800

Input roadway id

Begin

Milepost

1.065

Input begin milepost

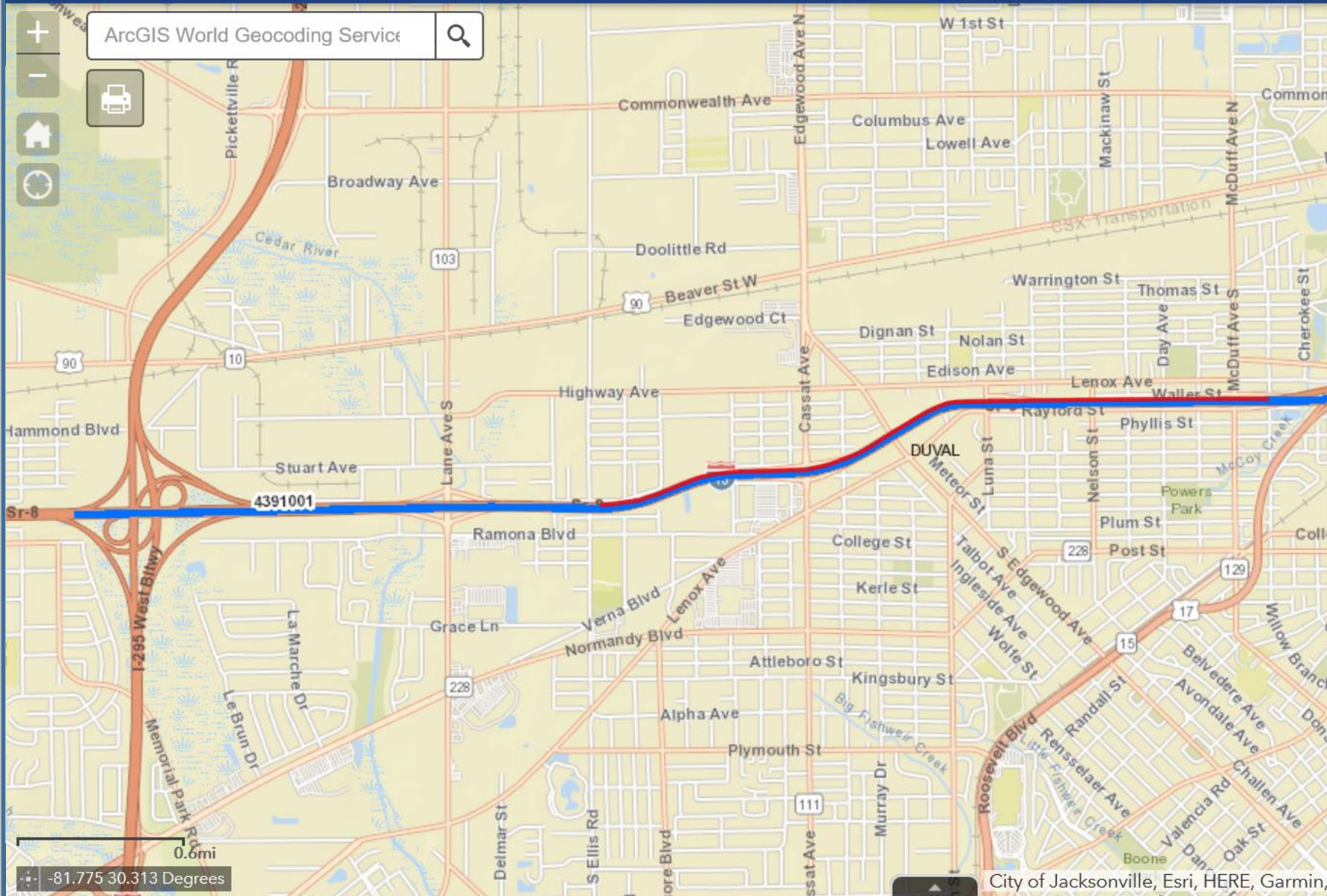
End Milepost

3.5

Input end milepost

Search

City of Jacksonville, Esri, HERE, Garmin,



Milepost Locator

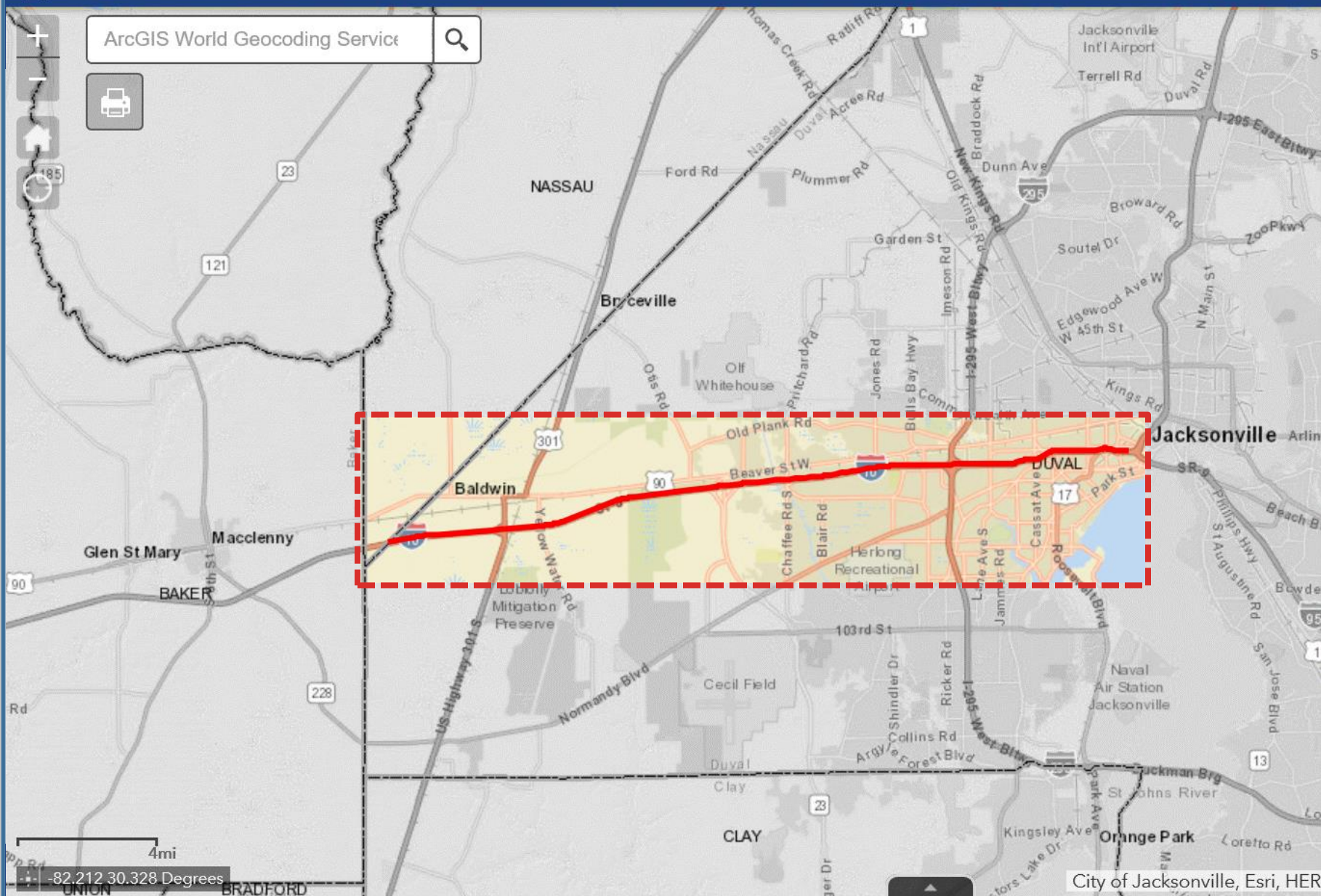
[MP Finder](#)
[Point Finder](#)
[Segment Finder](#)
[TDA Finder](#)

Input roadway number. Then click search.

Roadway ID

Input roadway id

Search



Milepost Locator

MP Finder | Point Finder | Segment Finder | TDA Finder

Input roadway number. Then click search.

Roadway ID

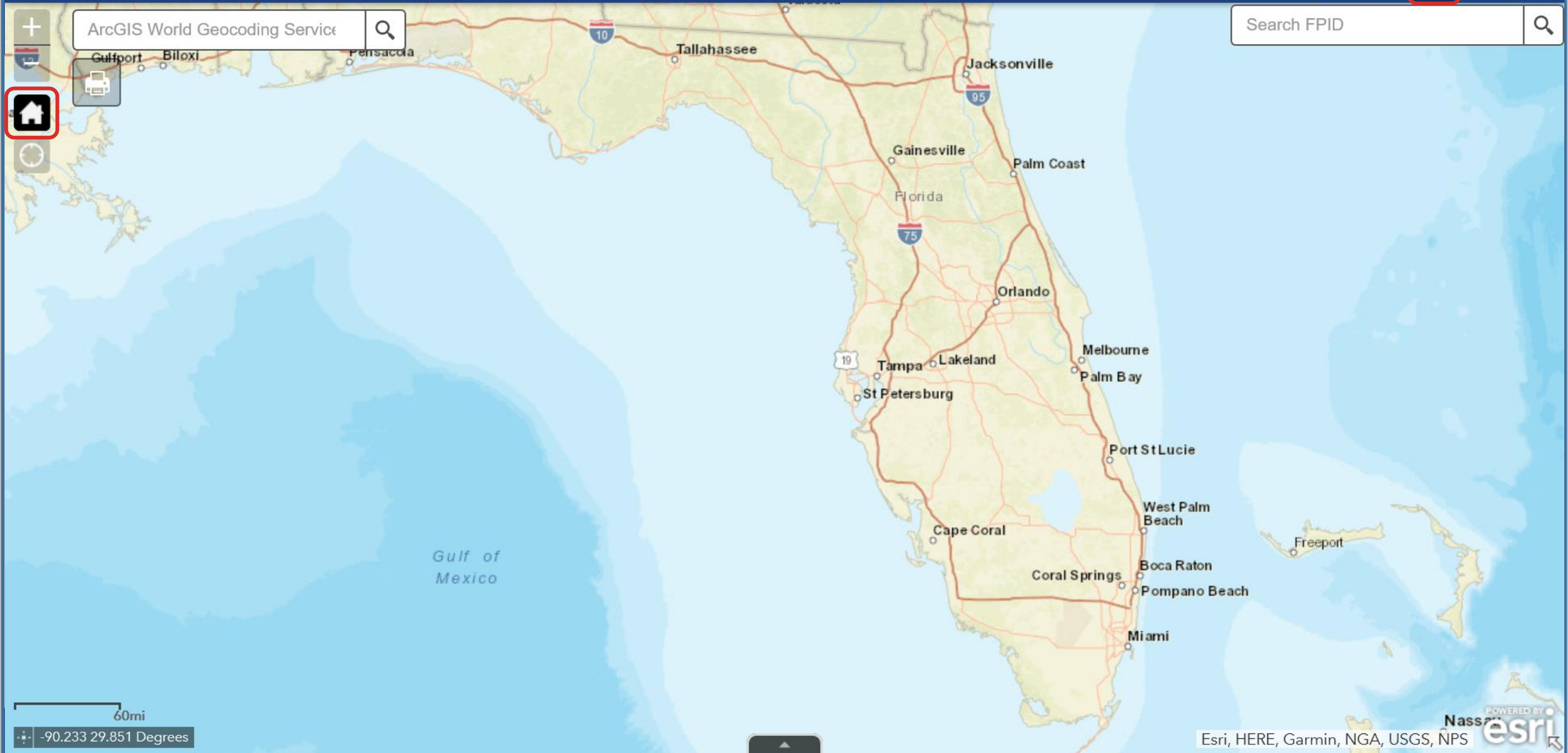
Input roadway id

Search

City of Jacksonville, Esri, HERE

ArcGIS World Geocoding Service

Search FPID



60mi
-90.233 29.851 Degrees

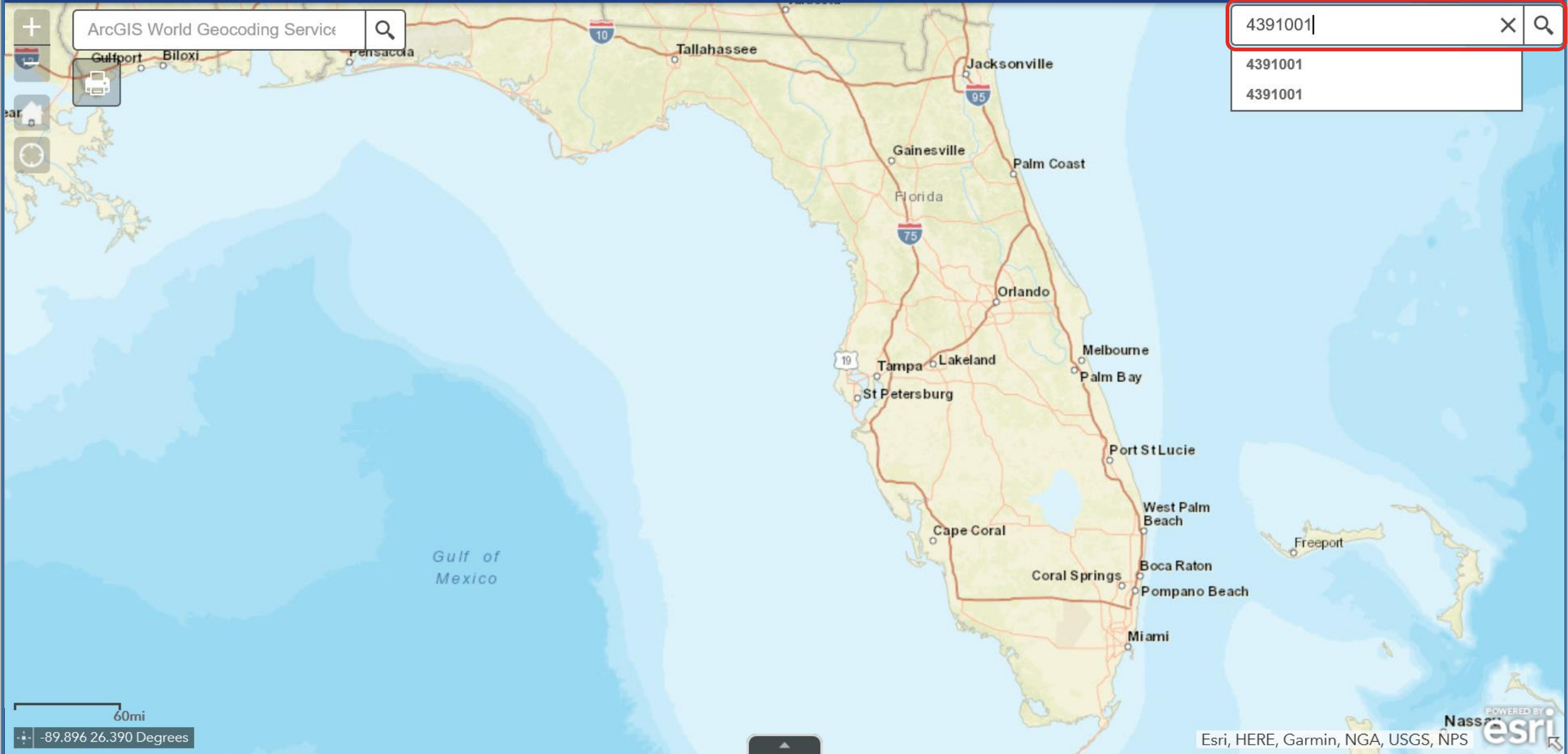
POWERED BY
Nassau esri
Esri, HERE, Garmin, NGA, USGS, NPS

ArcGIS World Geocoding Service

4391001| X Q

4391001

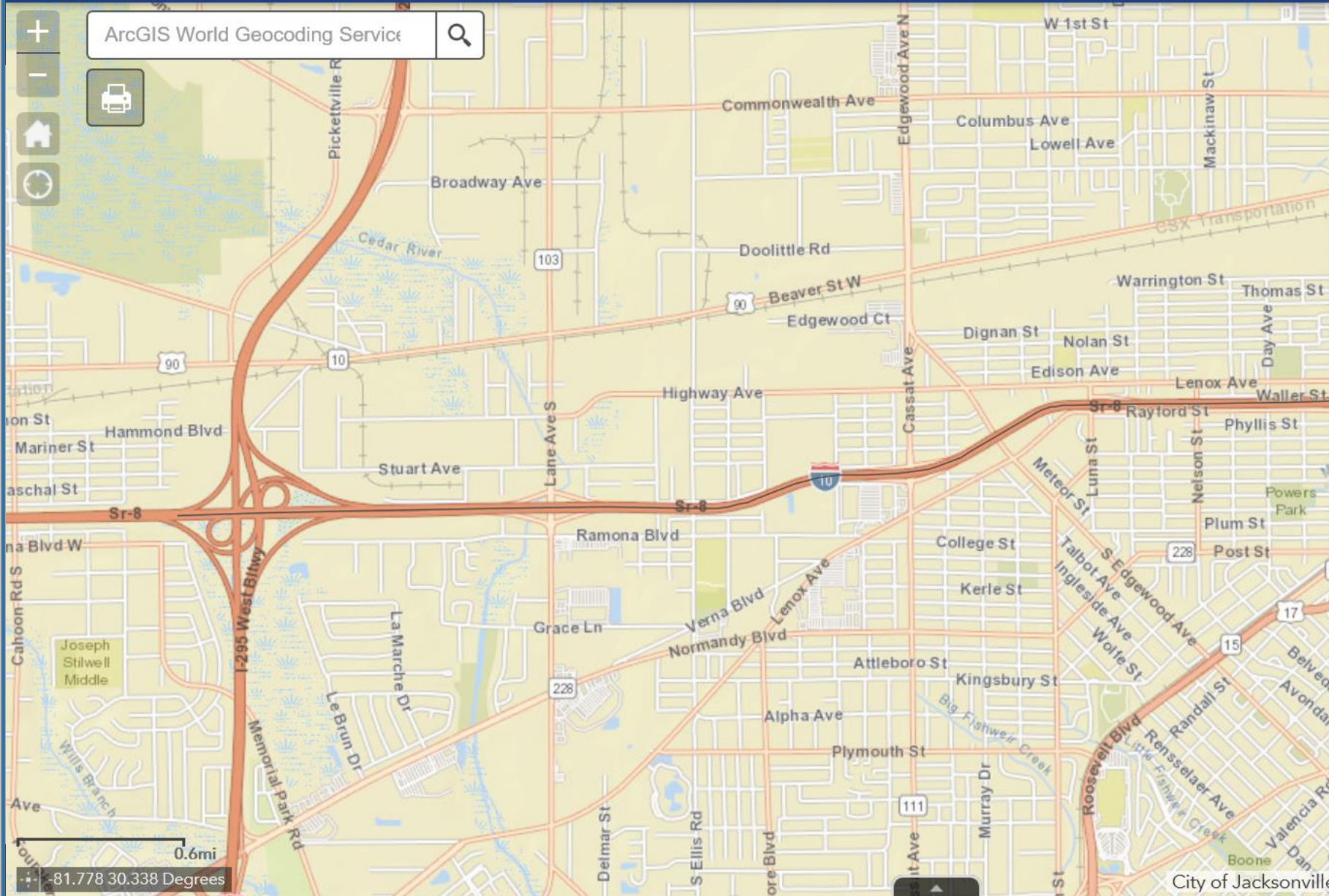
4391001



WPDS_ID	12155622
Version	ADOPTED
FPID	439100.1
ItemKey	439100.1.1.0
LocalNameSR#	I-10 FROM: I-2 TO:
LocalName	I-10 FROM: I-2 TO:
ProjectManager	KT/RA/CT
FromMP	I-95 (16.000)
ToMP	(21.441)
CountyDOT	72
ProjectStatus	021

...

City of Jacksonville, Esri, HERE, Garmin, INCREMENT P, NGA, USGS



Basemap Gallery



Dark Gray Canvas



Imagery



Imagery with Labels



Labelmaker Mapbox Base Map



Light Gray Canvas



Mapbox North Star Base Map



Mapbox Standard Base Map



Mapbox Terminal Base Map



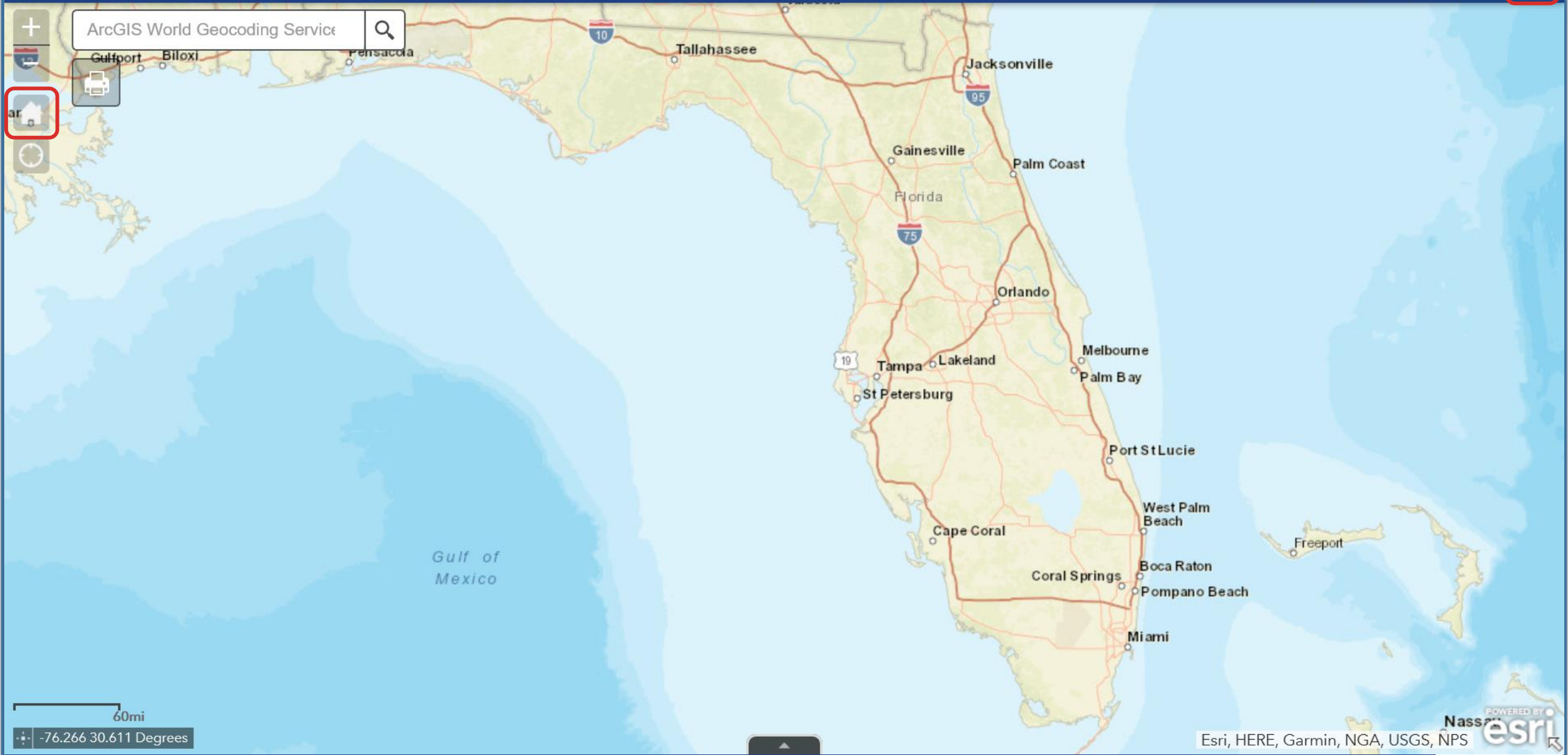
Moonlight Mapbox Base Map

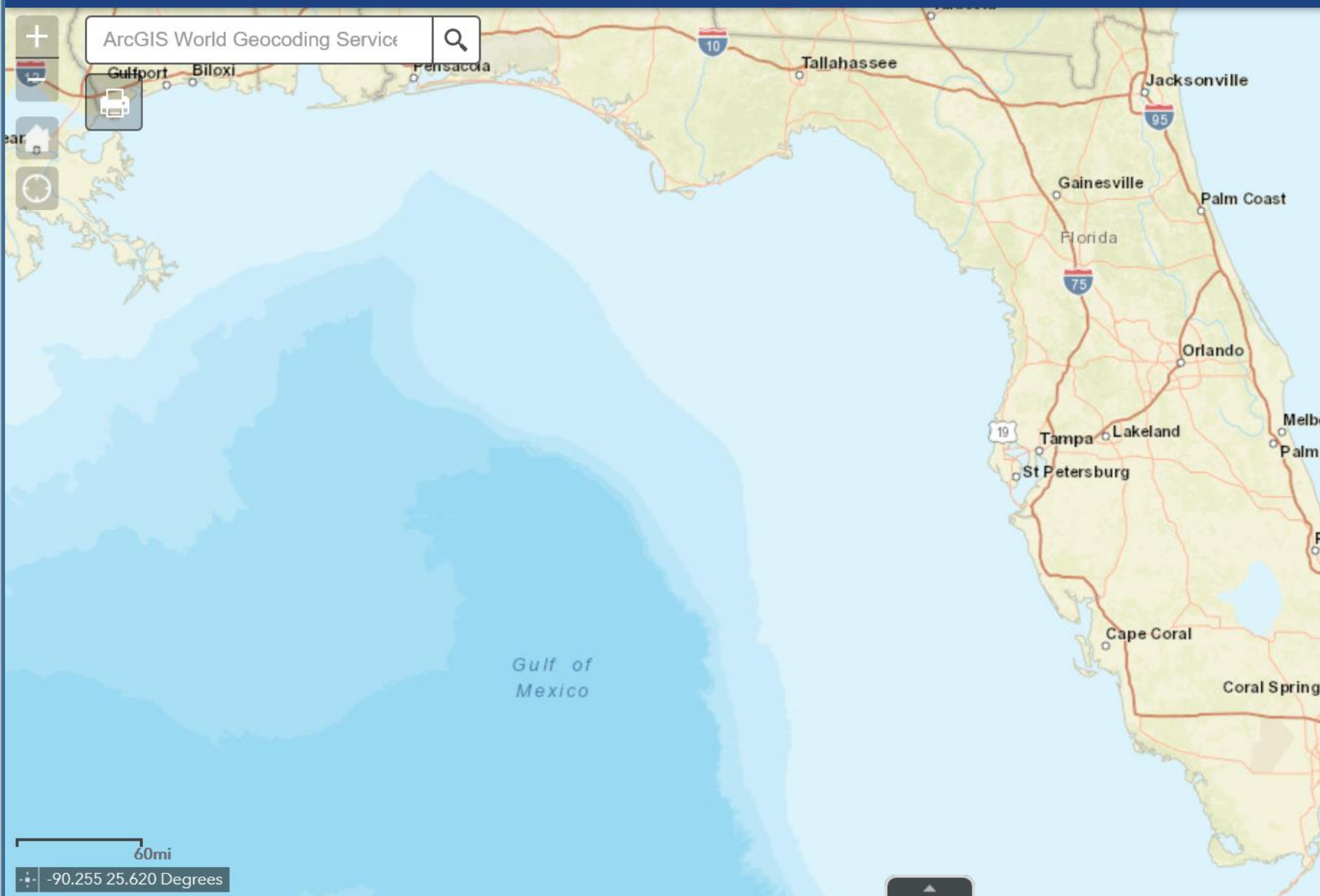


MyFlorida Transportation Basemap



ArcGIS World Geocoding Service






Overlapping projects tool

This tool assists in the finding of overlap and intersection of work program projects that may have potential to be combined for cost savings to the DOT.
[Learn more about this widget](#)

County:



Min-Overlap:

meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

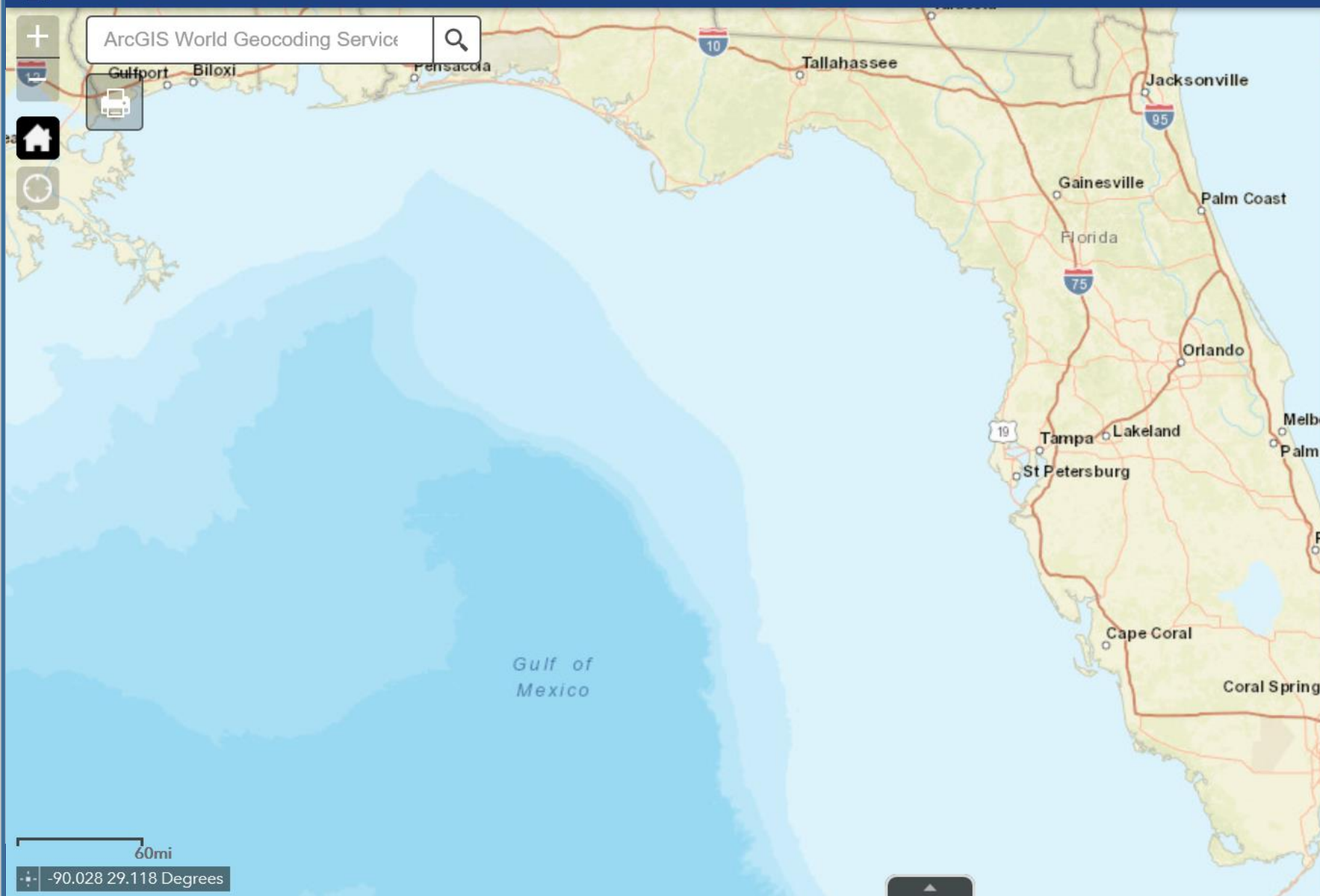
☐ 2019
 ☐ 2020
 ☐ 2021
 ☐ 2022
 ☐ 2023

Select one or more project phases to search across

☐ Construction
 ☐ Design
 ☐ PDE
 ☐ Planning
 ☐ ROW

Select Action

<
>



Overlapping projects tool

This tool assists in the finding of overlap and intersection of work program projects that may have potential to be combined for cost savings to the DOT.

[Learn more about this widget](#)

County:



Min-Overlap:

Select one or across

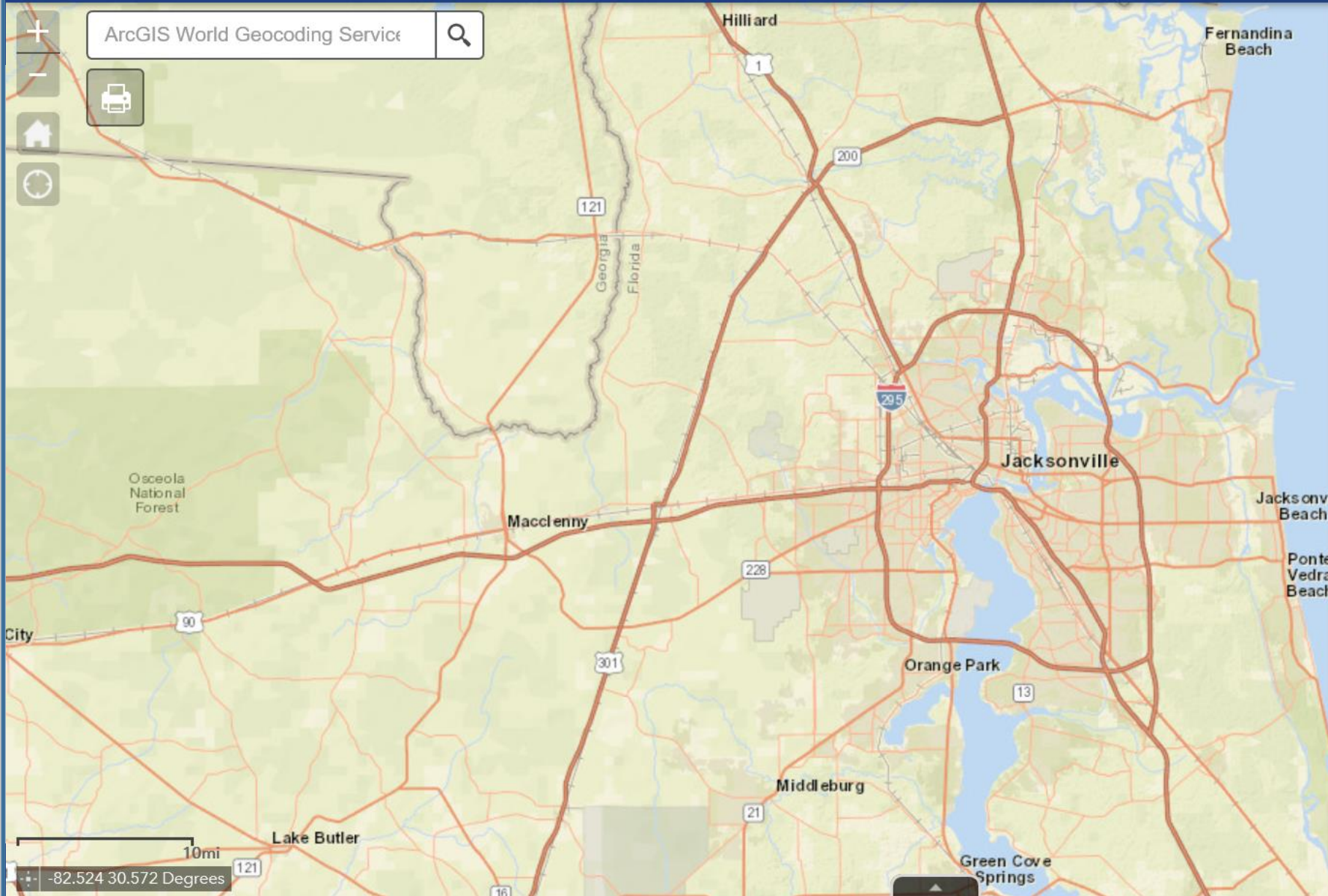
- ☐ 2019
- ☐ 2020
- ☐ 2021
- ☐ 2022
- ☐ 2023

Alachua
 Baker
 Bay
 Bradford
 Brevard
 Broward
 Calhoun
 Charlotte
 Citrus
 Clay
 Collier
 Columbia
 DeSoto
 Dixie
 Duval
 Escambia
 Flagler
 Franklin
 Gadsden
 Gilchrist

Select one or across

- ☐ Construction
- ☐ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action



Overlapping projects tool

[Learn more about this widget](#)

County: 

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

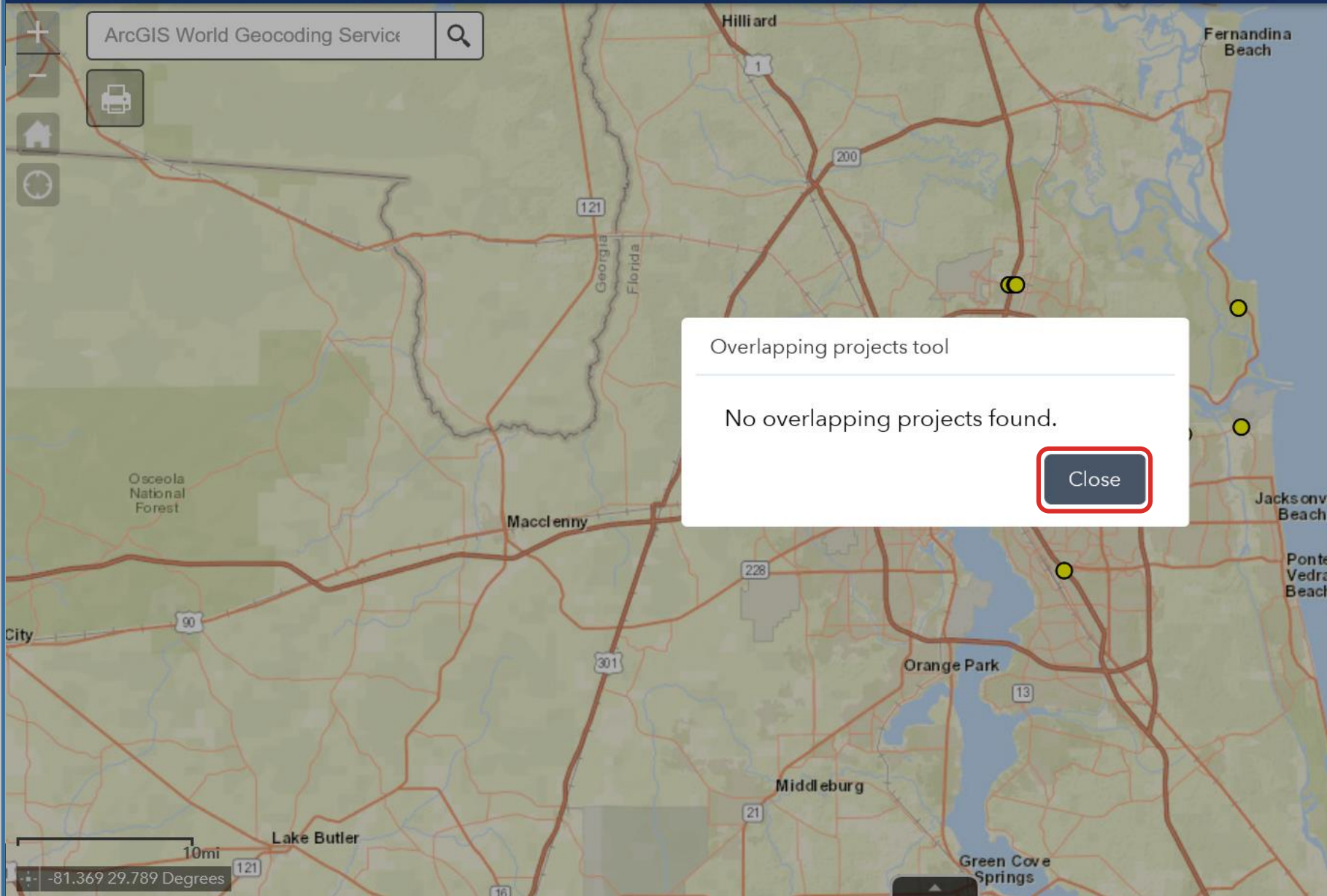
- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

- ☐ Construction
- ☐ Design
- ☒ PDE
- ☐ Planning
- ☐ ROW

Select Action

☒ Show labels



Overlapping projects tool

No overlapping projects found.

Close

Overlapping projects tool

[Learn more about this widget](#)

County: Duval

Min-Overlap: optional <10> meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

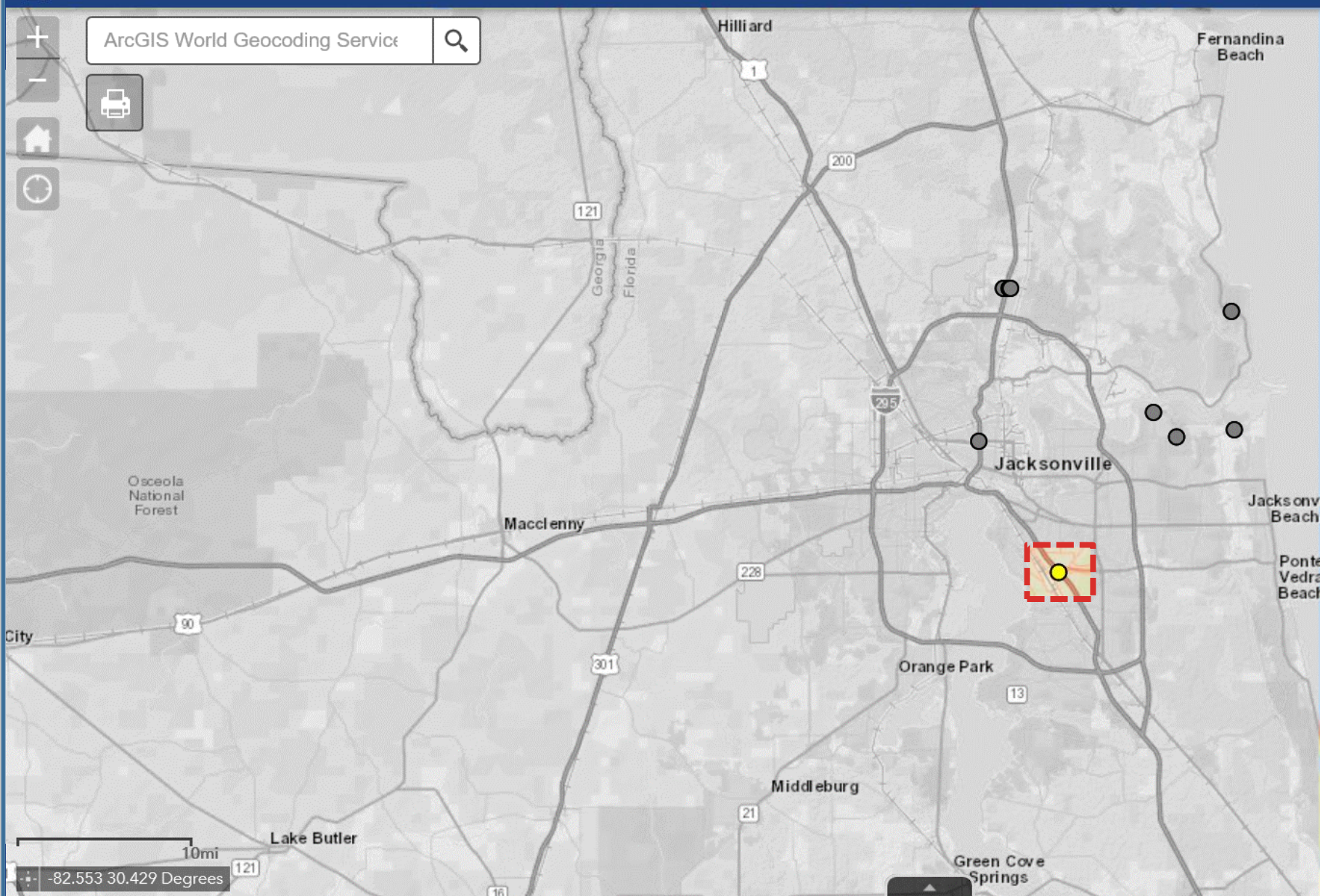
Select one or more project phases to search across

- ☐ Construction
- ☐ Design
- ☒ PDE
- ☐ Planning
- ☐ ROW

Select Action


Execute Zoom Print Clear

☒ Show labels



Overlapping projects tool

[Learn more about this widget](#)

County: 

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

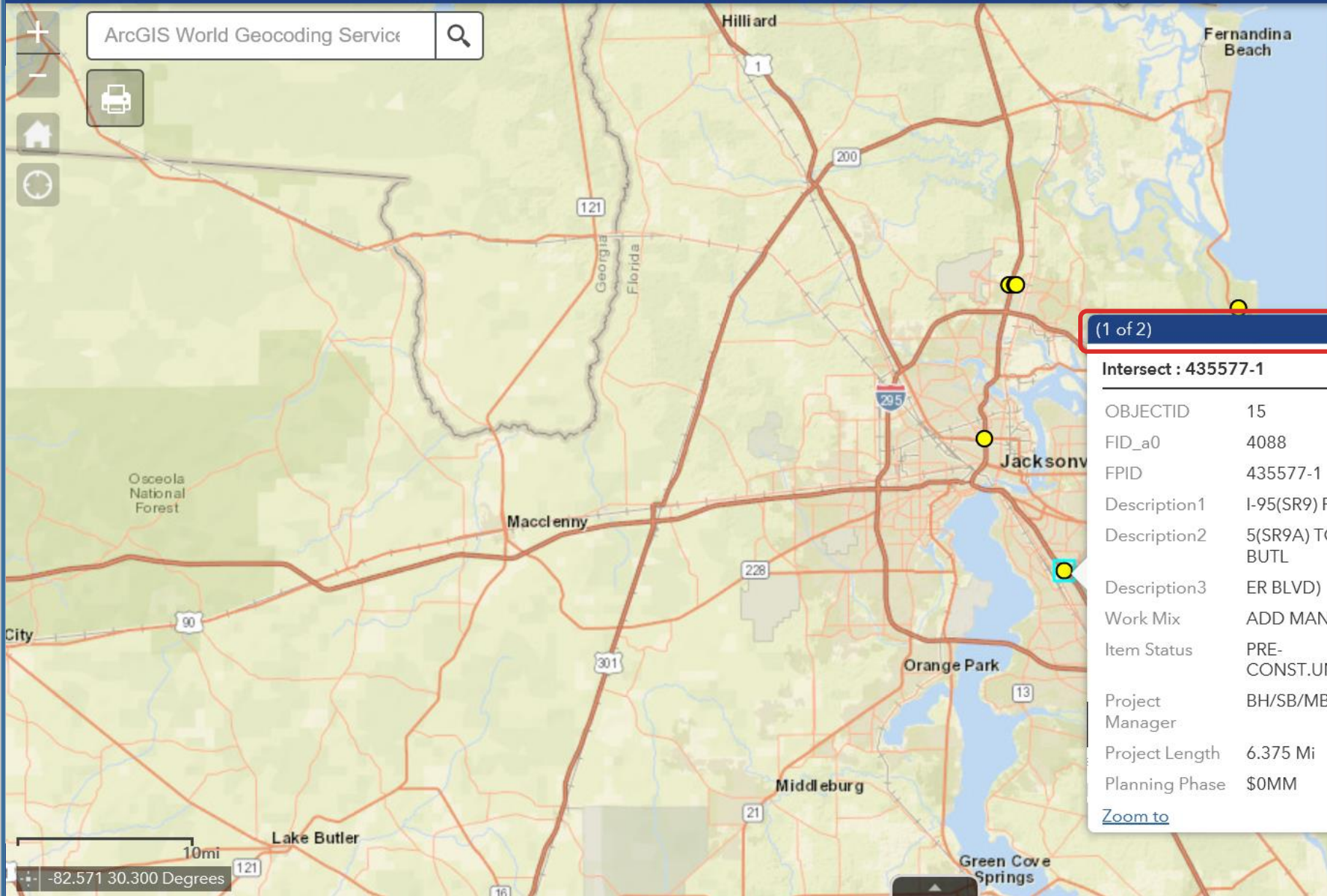
- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

- ☐ Construction
- ☐ Design
- ☒ PDE
- ☐ Planning
- ☐ ROW


Select Action

☒ Show labels



Overlapping projects tool

[Learn more about this widget](#)

County: 



Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search

more project phases to search

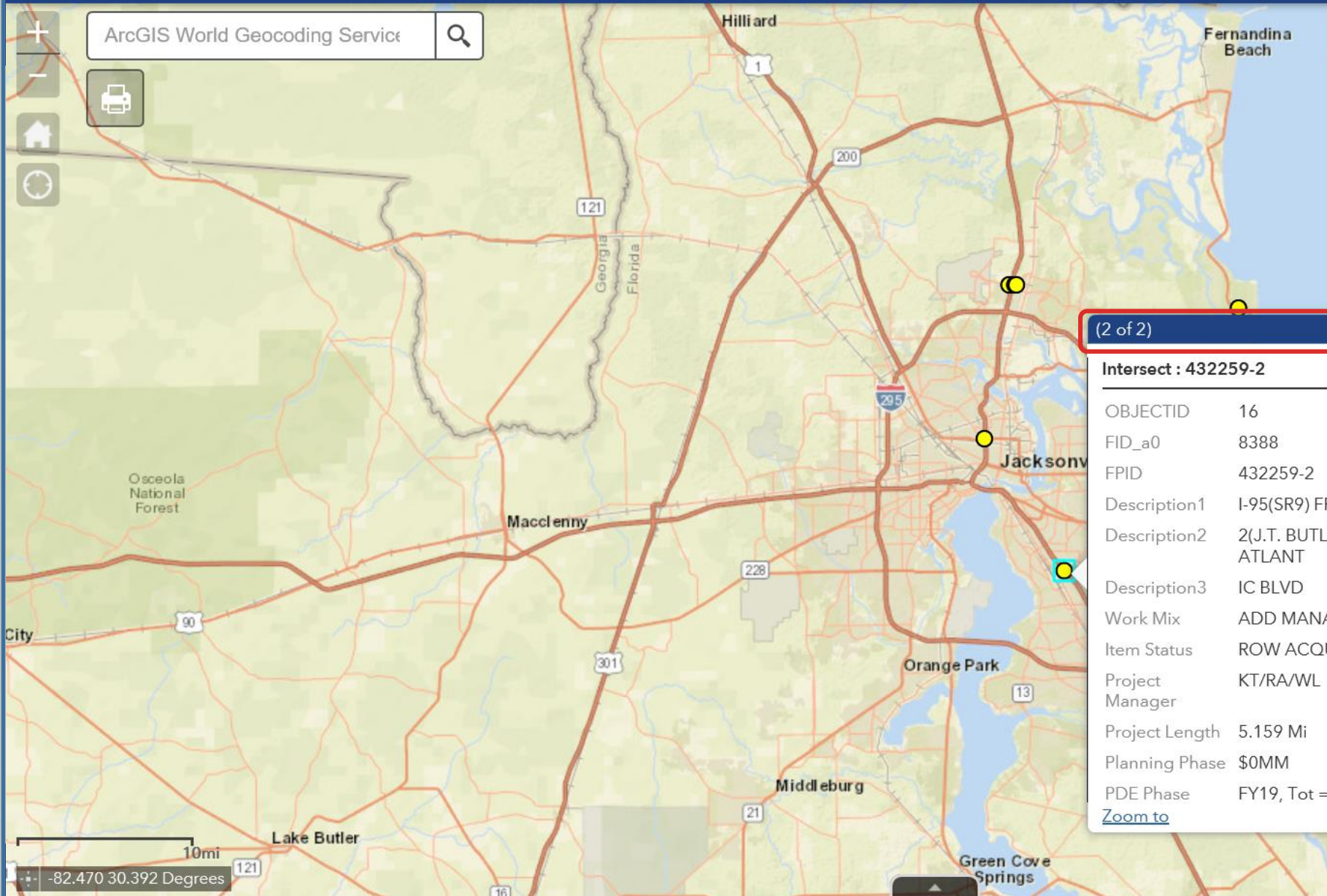
Zoom Print Clear

(1 of 2)  

Intersect : 435577-1

OBJECTID	15
FID_a0	4088
FPID	435577-1
Description1	I-95(SR9) FROM: I-29
Description2	5(SR9A) TO; SR202(JT BUTL
Description3	ER BLVD)
Work Mix	ADD MANAGED LANES
Item Status	PRE-CONST.UNDERWAY
Project Manager	BH/SB/MB
Project Length	6.375 Mi
Planning Phase	\$0MM

[Zoom to](#)



Overlapping projects tool

[Learn more about this widget](#)

County:

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search

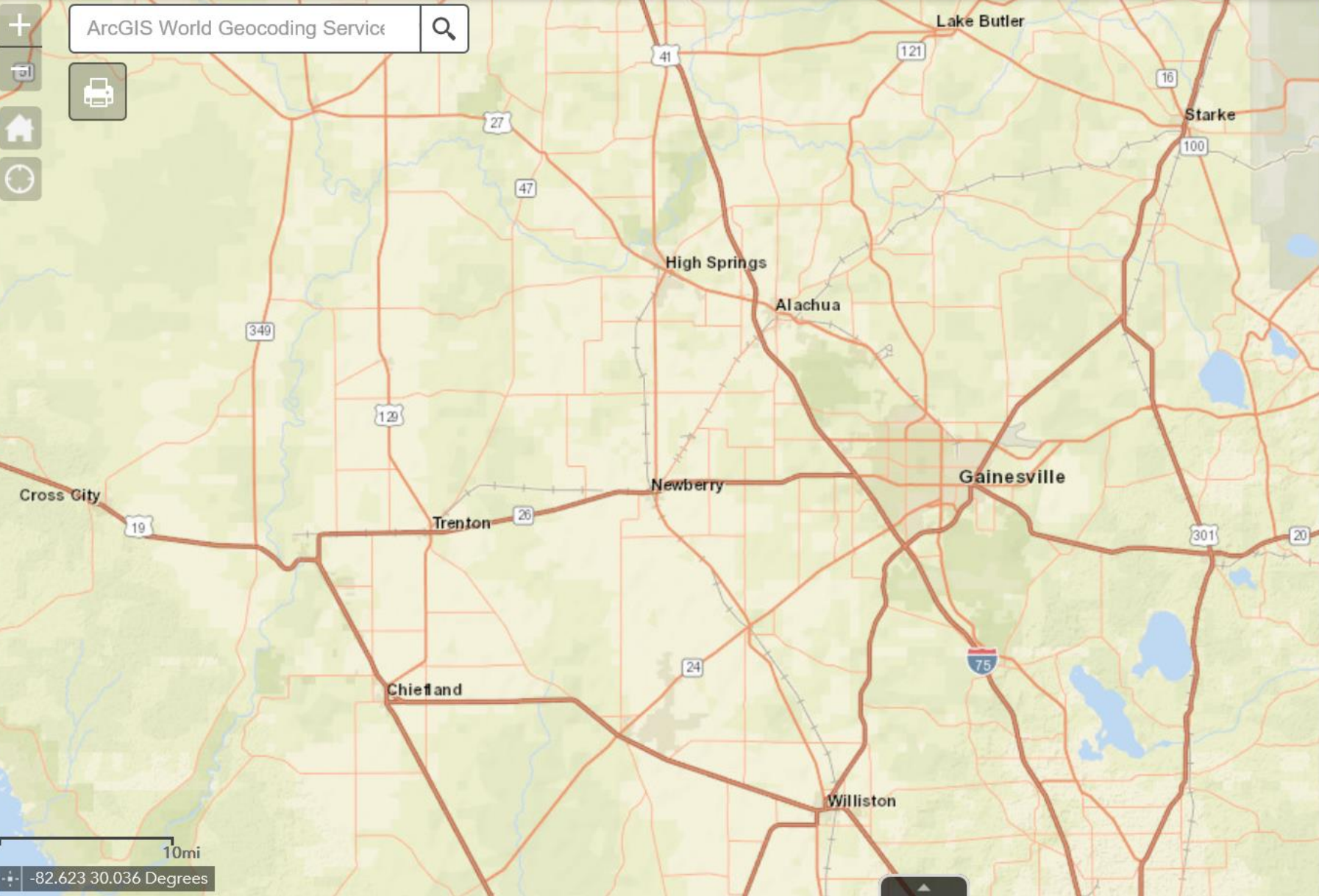
Select more project phases to search

(2 of 2)

Intersect : 432259-2


OBJECTID	16
FID_a0	8388
FPID	432259-2
Description1	I-95(SR9) FROM: SR20
Description2	2(J.T. BUTLER) TO: ATLANT
Description3	IC BLVD
Work Mix	ADD MANAGED LANES
Item Status	ROW ACQUISITION BEG.
Project Manager	KT/RA/WL
Project Length	5.159 Mi
Planning Phase	\$0MM
PDE Phase	FY19, Tot = \$.015MM

[Zoom to](#)



Overlapping projects tool

[Learn more about this widget](#)

County: 

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

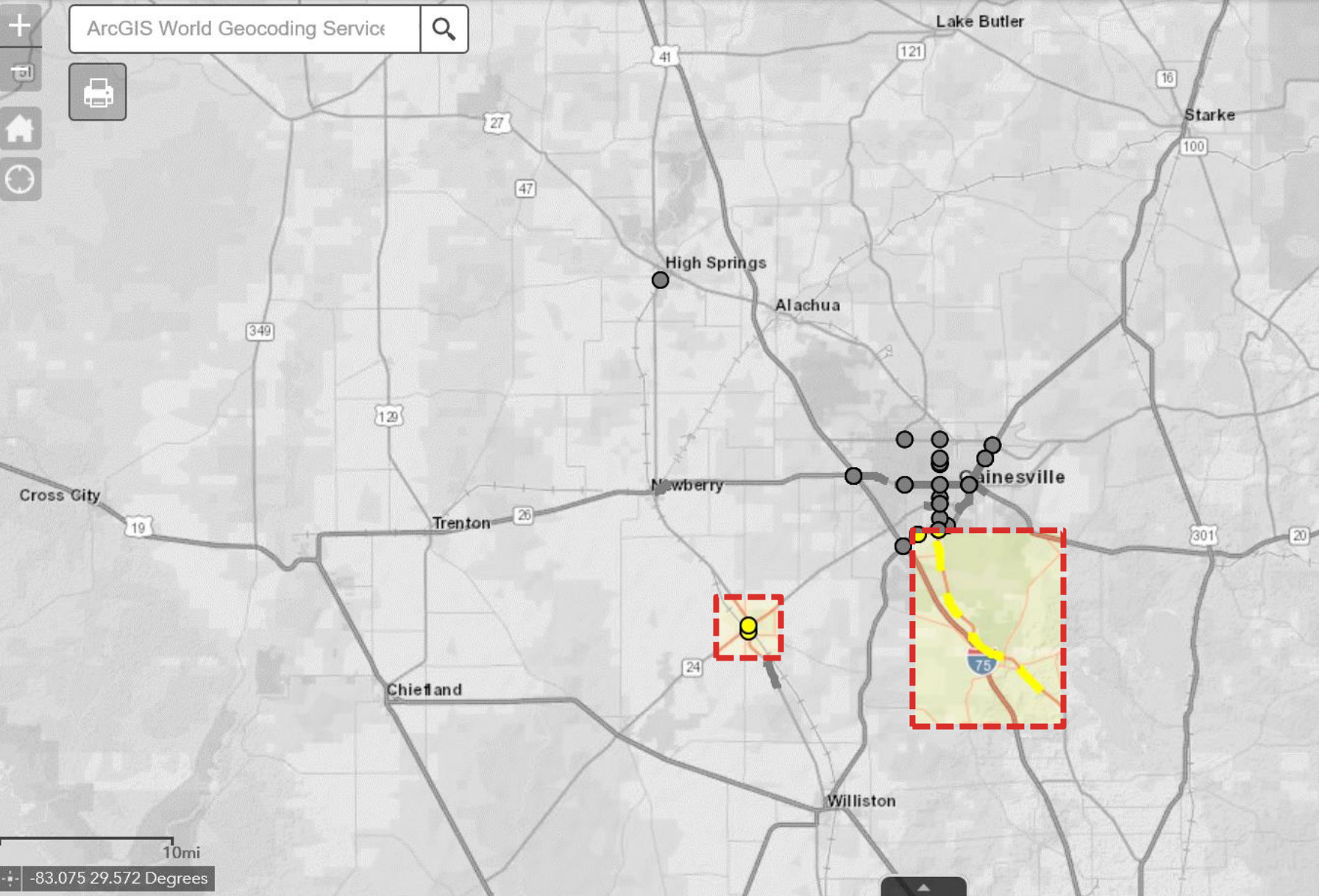
- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

- ☐ Construction
- ☒ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action

☒ Show labels



Overlapping projects tool

[Learn more about this widget](#)

County:

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

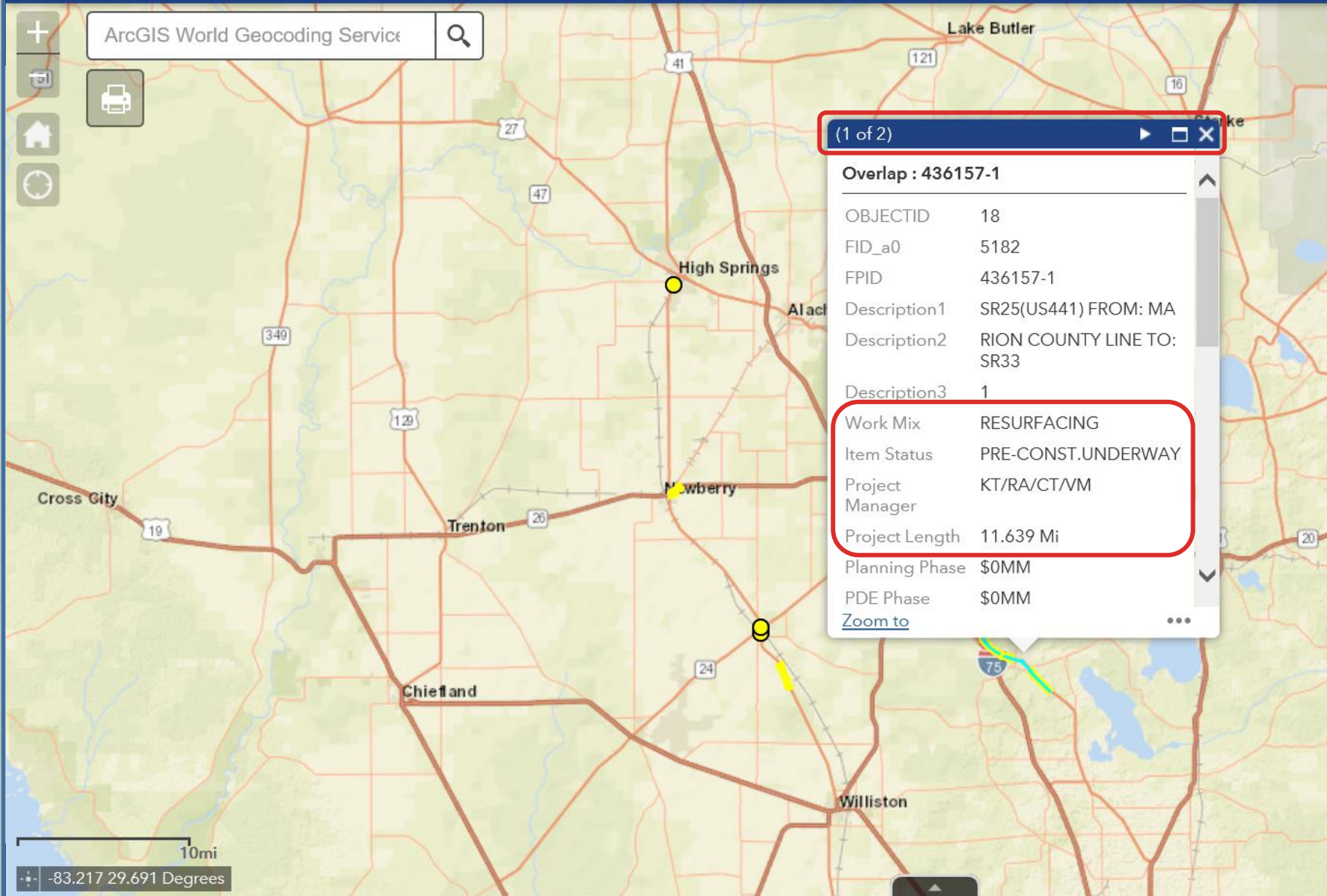
- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

- ☐ Construction
- ☒ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action

☒ Show labels



Overlapping projects tool

[Learn more about this widget](#)

County:

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

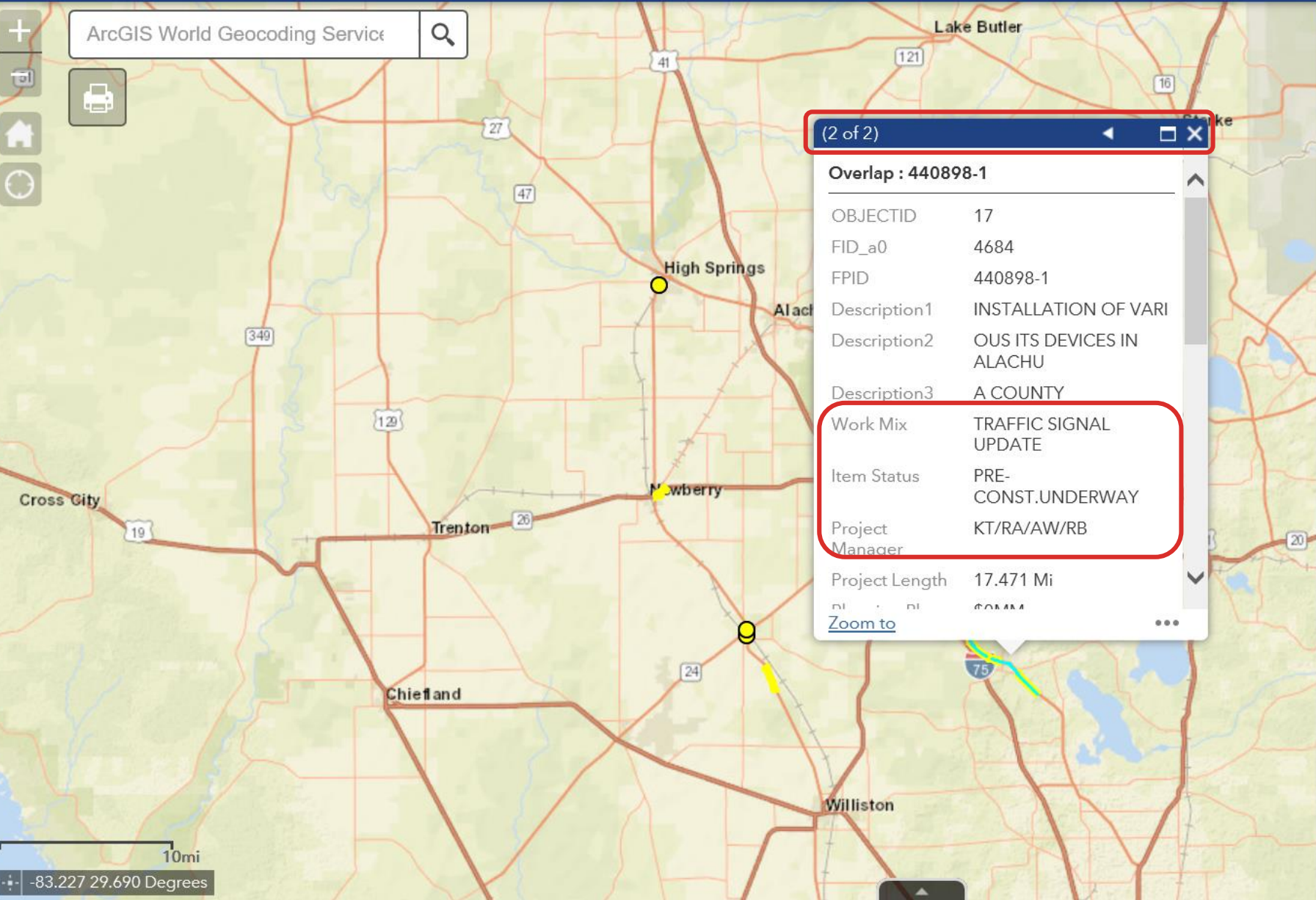
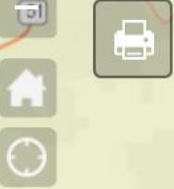
Select one or more project phases to search across

- ☐ Construction
- ☒ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action

☒ Show labels

ArcGIS World Geocoding Service



Overlapping projects tool

[Learn more about this widget](#)

County:

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

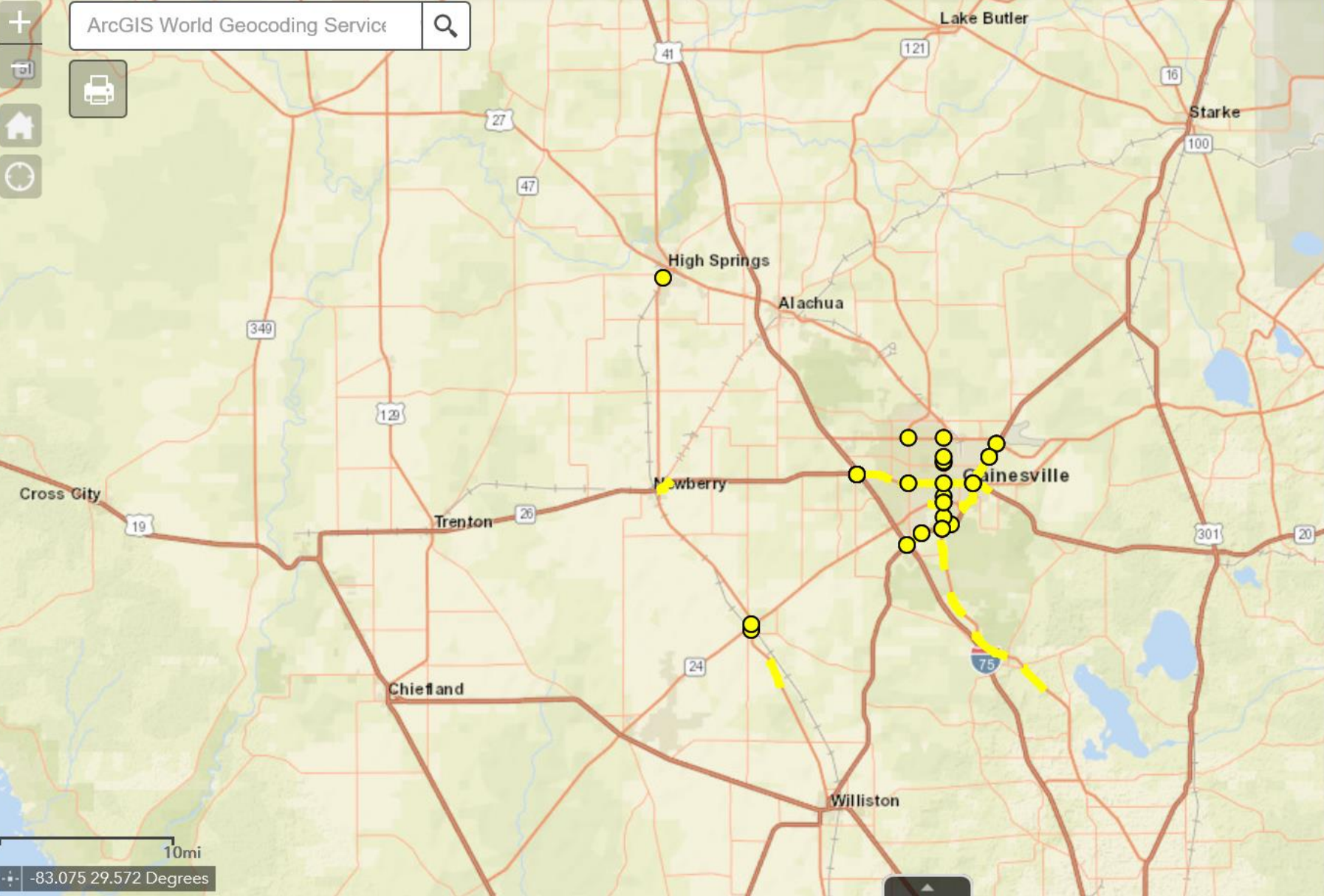
Select one or more project phases to search across

- ☐ Construction
- ☒ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action


☒ Show labels

10mi
-83.227 29.690 Degrees



Overlapping projects tool

[Learn more about this widget](#)

County: 

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

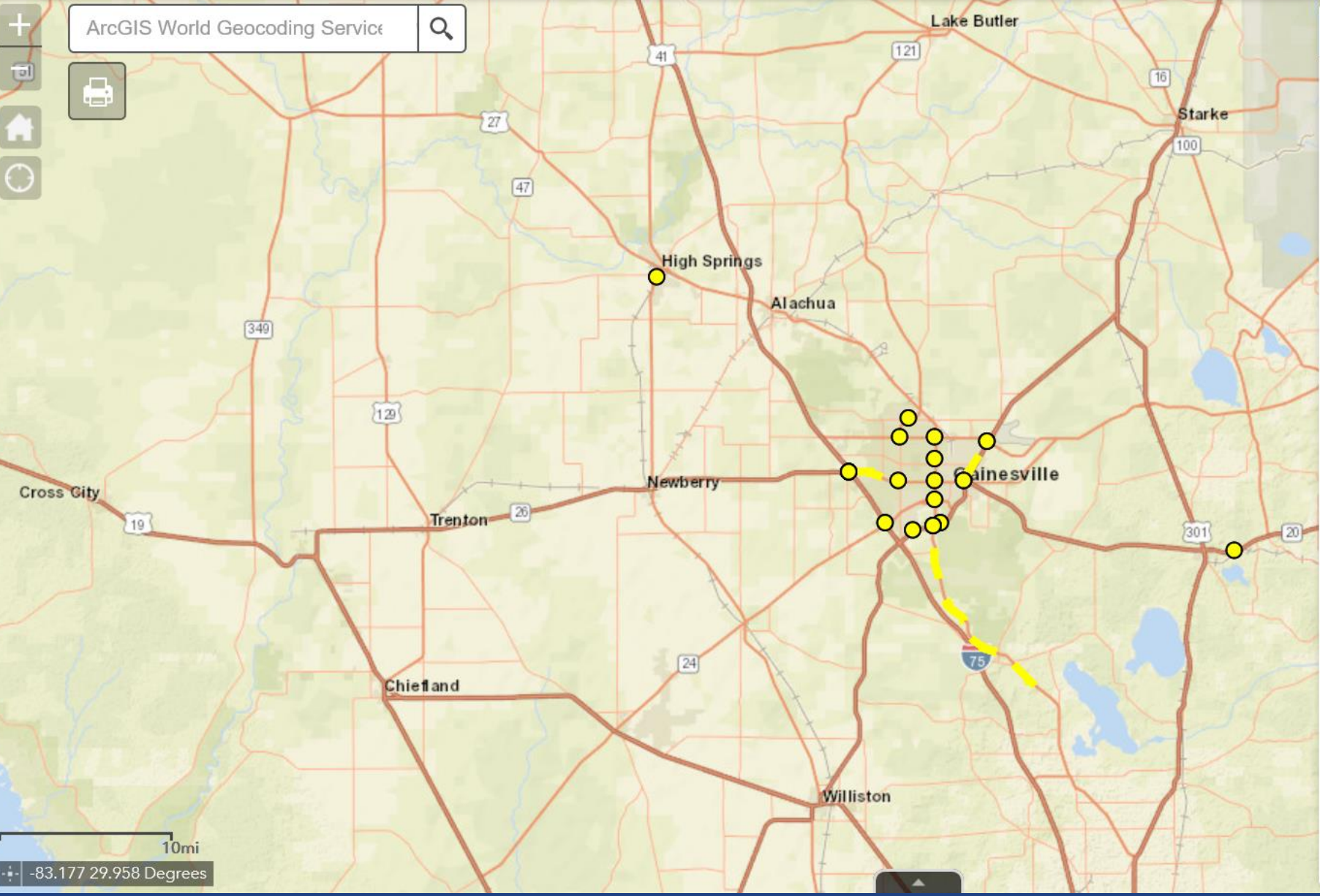
- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

- ☒ Construction
- ☐ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW


Select Action

☒ Show labels



Overlapping projects tool

[Learn more about this widget](#)

County: 

Min-Overlap: meters

Minimum overlap between projects to be included in this analysis

Select one or more project years to search across

- ☒ 2019
- ☒ 2020
- ☒ 2021
- ☐ 2022
- ☐ 2023

Select one or more project phases to search across

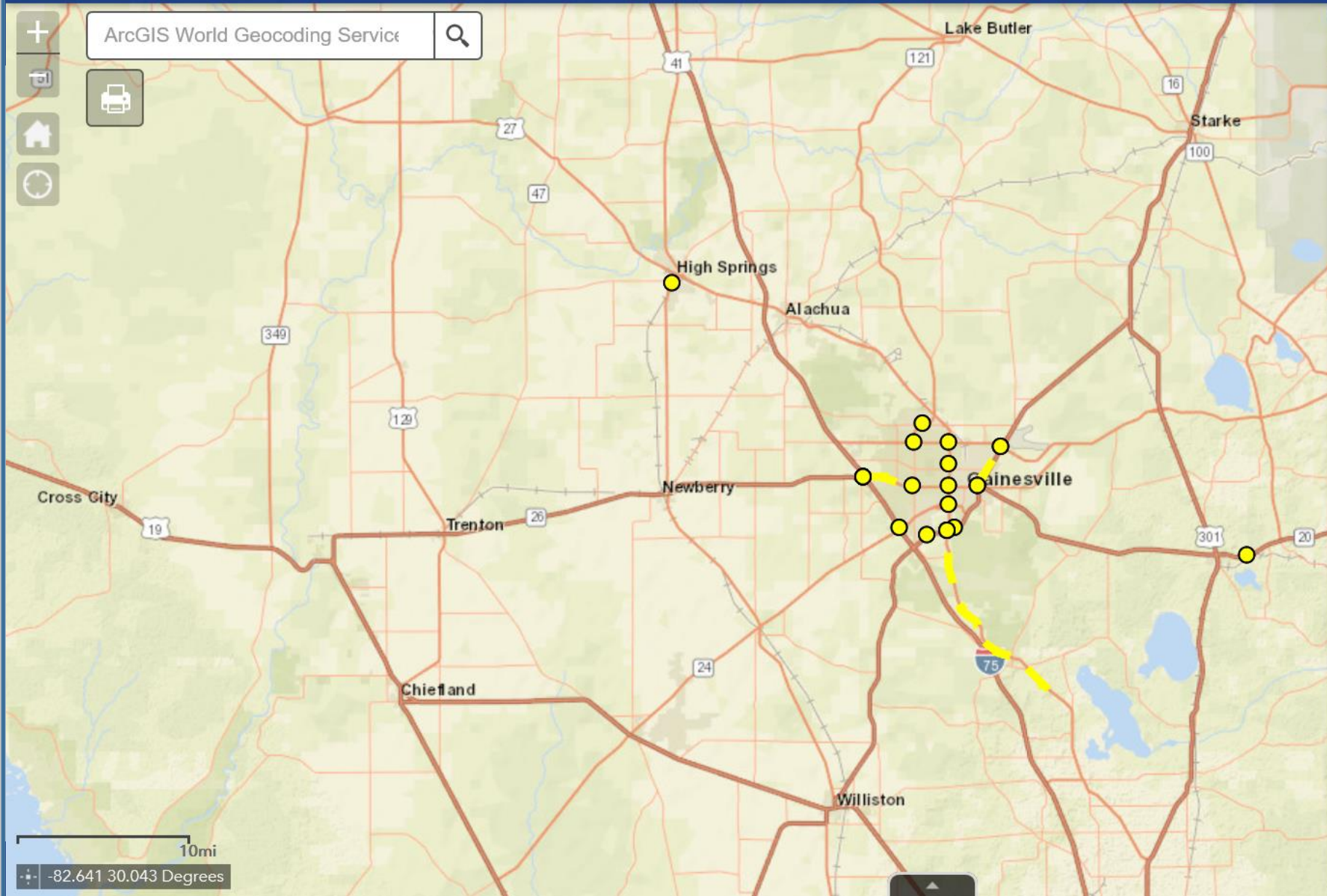
- ☒ Construction
- ☐ Design
- ☐ PDE
- ☐ Planning
- ☐ ROW

Select Action

☒ Show labels



ArcGIS World Geocoding Service



10mi
-82.641 30.043 Degrees

Layer List

Operational layers

☒ Results-Intersect

☐ Active_Construction_Projects - ConstructionProjects_Test

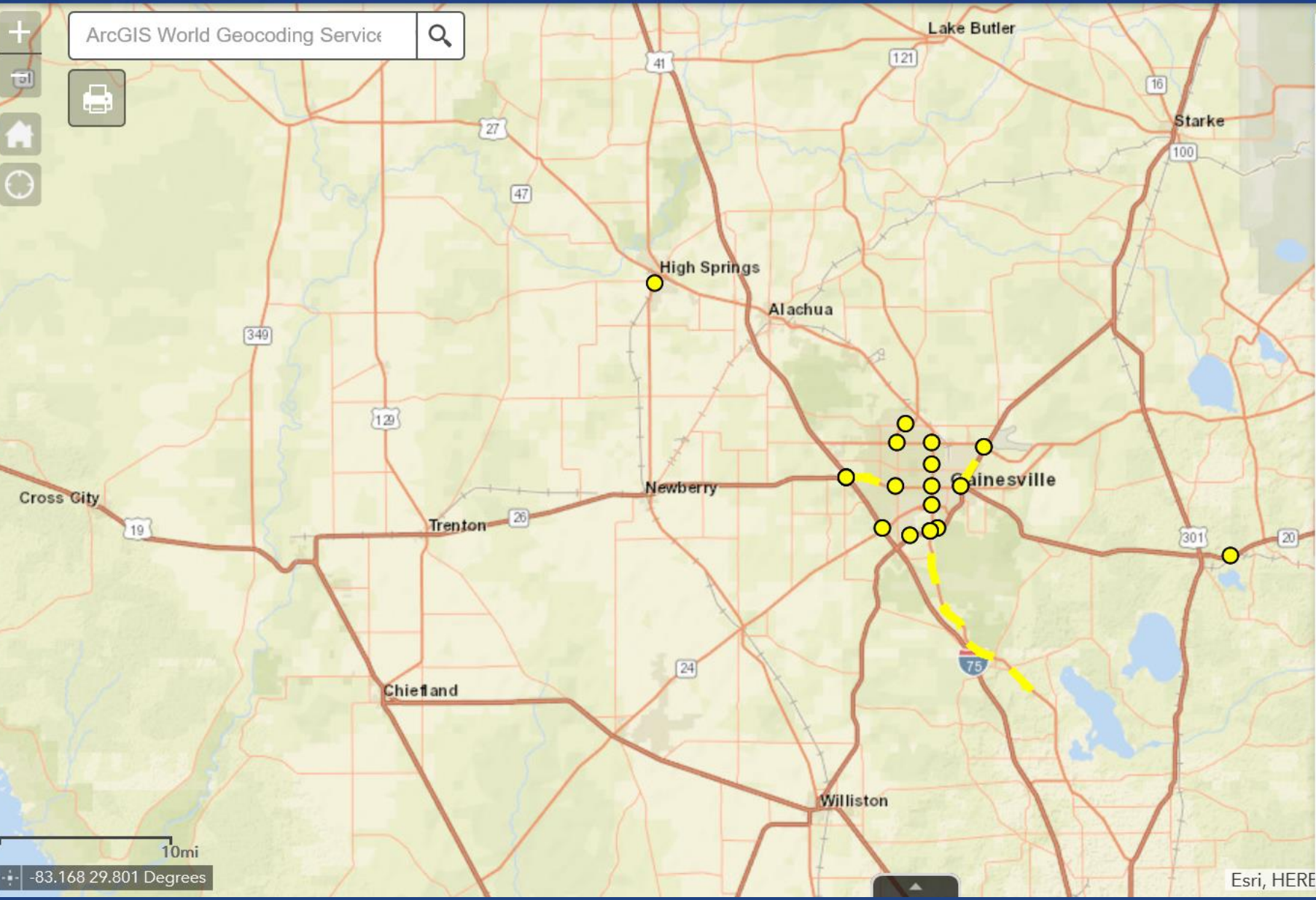
☒ Results-Overlap

☒ District 2 Projects



ArcGIS World Geocoding Service

10mi
-83.168 29.801 Degrees



Layer List

Operational layers

☐ Active_Construction_Projects - ConstructionProjects_Test

☒ Results-Intersect

☒ Results-Overlap

☒ District 2 Projects

☐ Candidate Projects

☒ Project Phase/Fiscal Year (AD/G1) ~

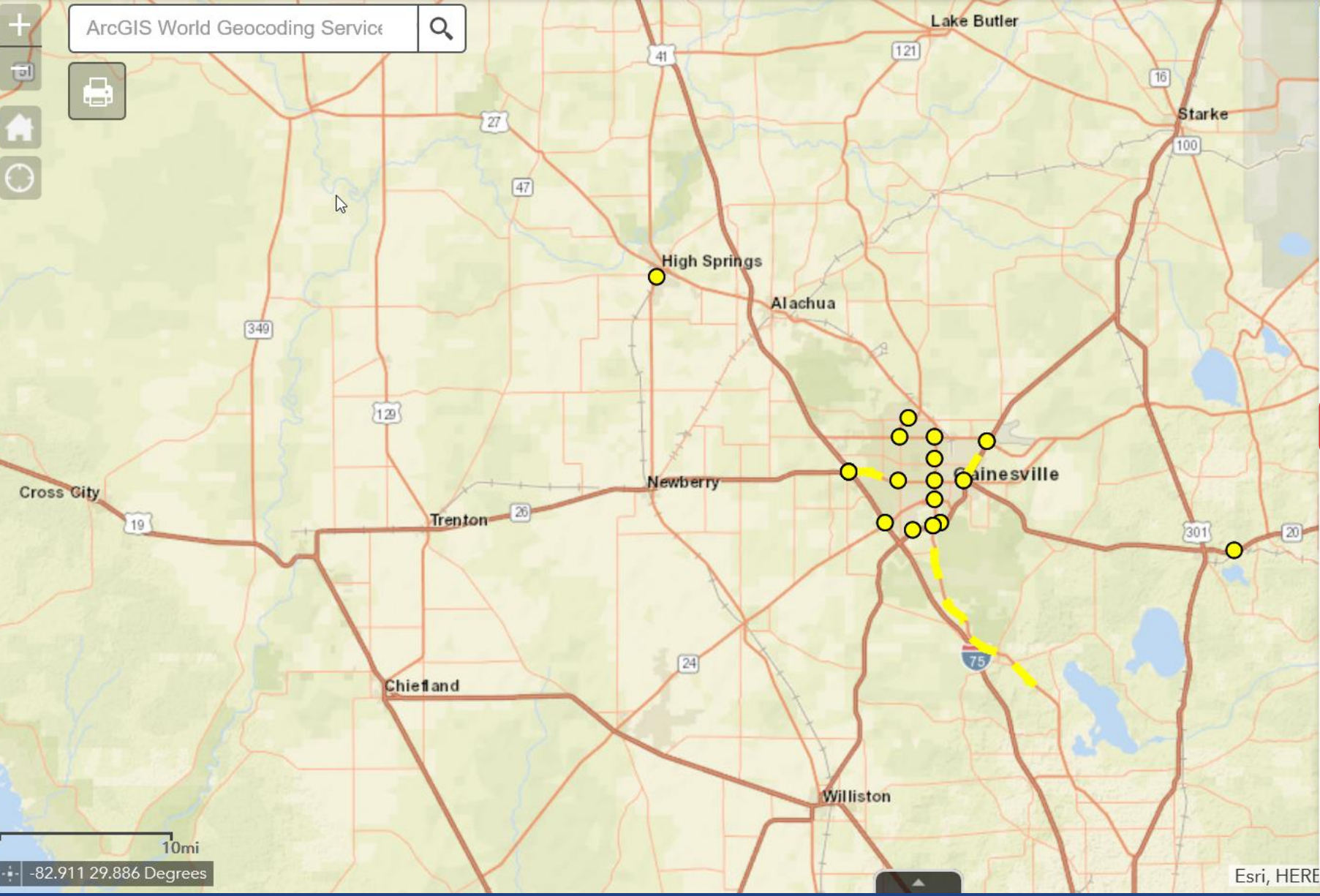
☐ Construction Duration (AD/G1)

☐ Construction Duration (AD/G1) ~

☐ All Projects (AD/G1/CA) 5yr WP

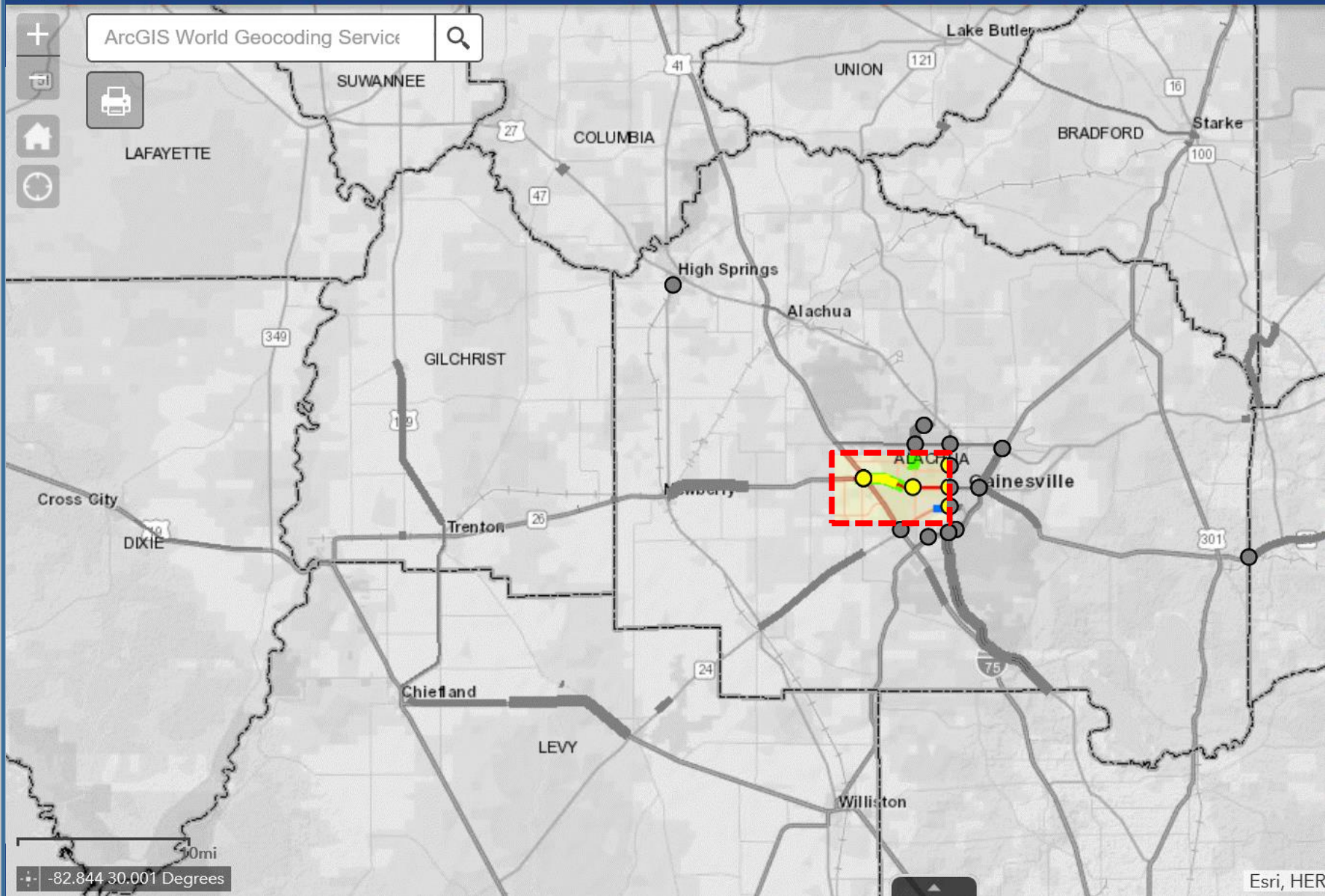
☐ County Boundary

FDOT TRANSPORTATION SYMPOSIUM



Layer List

- ☒ District 2 Projects ...
- ☐ Candidate Projects ...
- ☒ Project Phase/Fiscal Year (AD/G1) ~ ...
 - ☐ Planning ~ ...
 - ☐ PD & E ~ ...
 - ☐ Preliminary Engineering ~ ...
 - ☒ Construction ~ ...
 - ☐ New Road Construction ~ ...
 - ☐ Construction - Other Agency ~ ...
 - ☐ Landscaping ~ ...
 - ☐ Construction Duration (AD/G1) ...
 - ☐ Construction Duration (AD/G1) ~ ...
 - ☐ All Projects (AD/G1/CA) 5yr WP ...
 - ☐ All Projects (AD/G1/CA) 5yr WP ...



Layer List

☐ PD & E ~

☐ Preliminary Engineering ~

☒ Construction ~

☒ Construction 2019

☒ Construction 2020

☒ Construction 2021

☐ Construction 2022


☐ Construction 2023

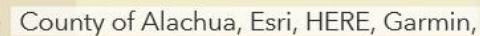
☐ Construction 2024

☐ Construction 2025

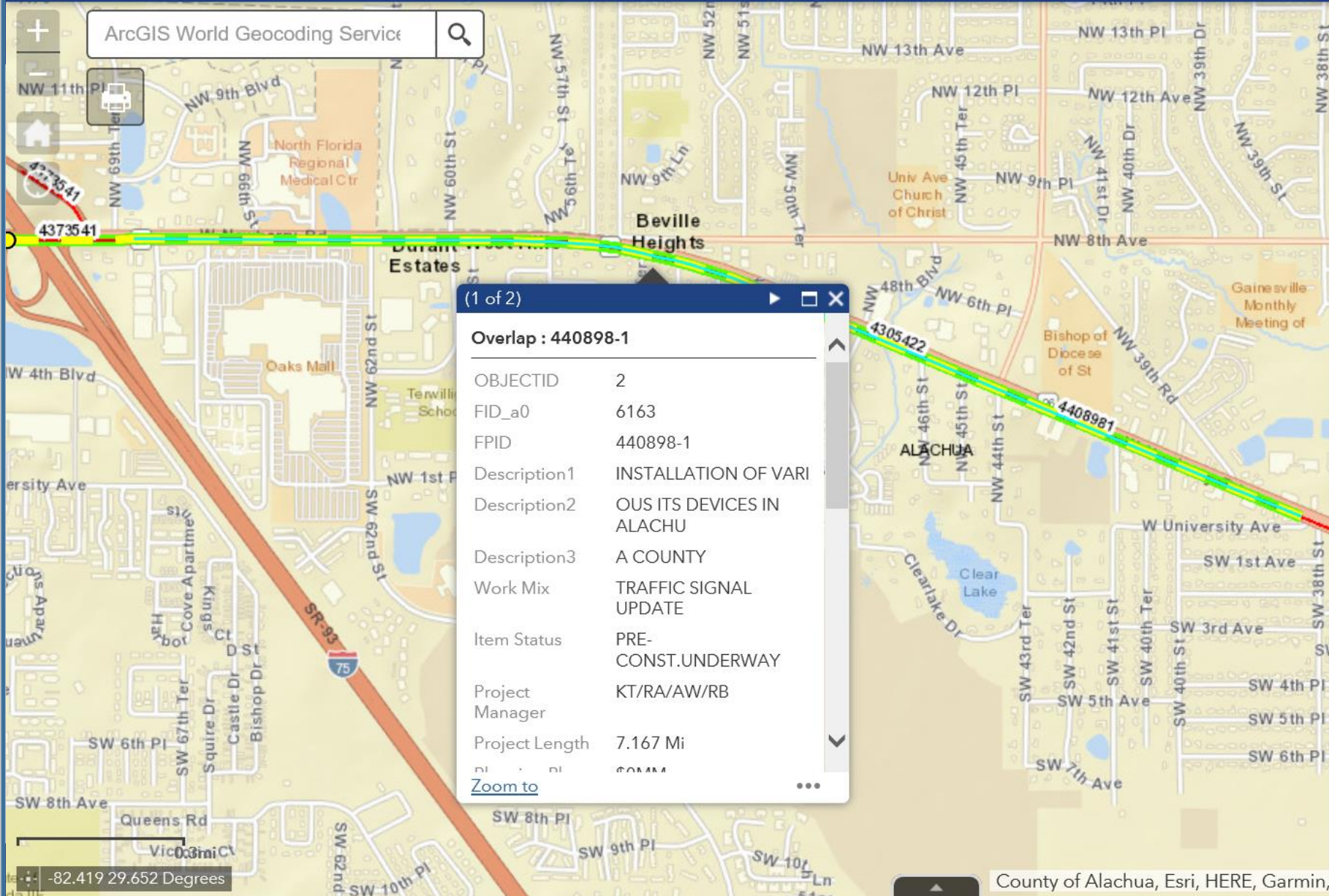
☐ Construction 2026

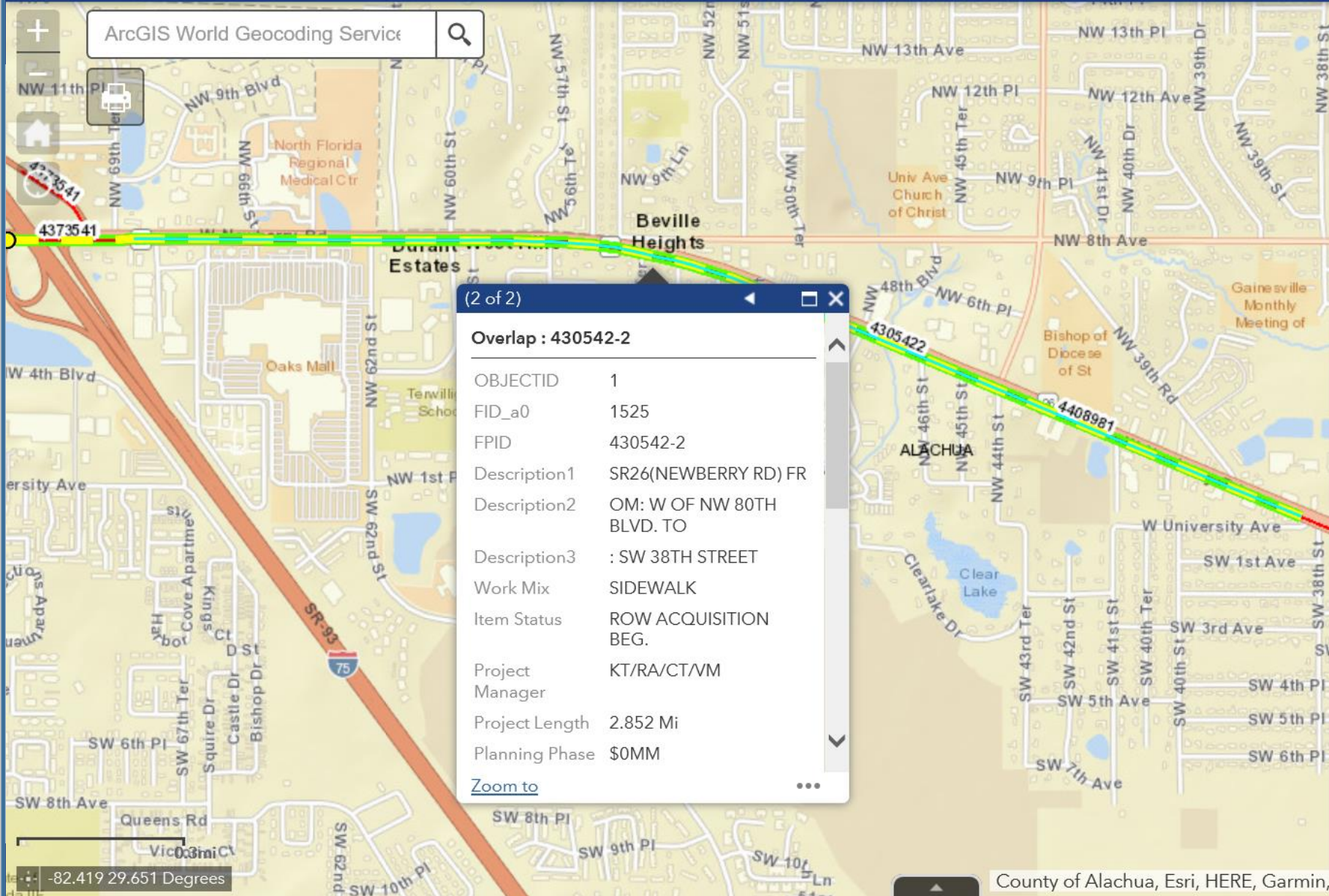
☐ New Road Construction ~

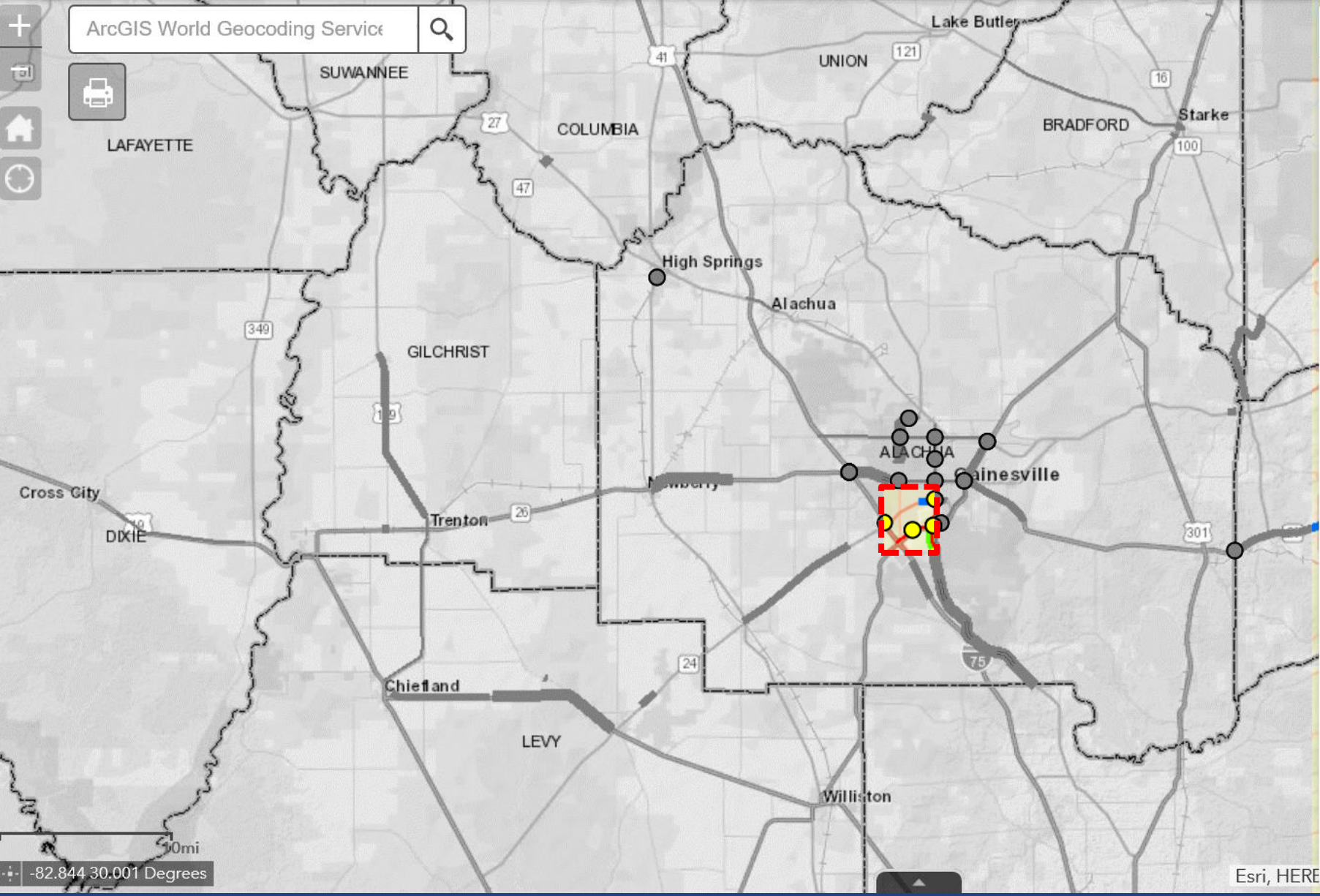

TRANSPORTATION SYMPOSIUM



- ▶ ☐ PD & E ~
- ▶ ☐ Preliminary Engineering ~
- ▼ ☒ Construction ~
 - ▼ ☒ Construction 2019
 - ▼ ☒ Construction 2020
 - ▼ ☒ Construction 2021
 - ▶ ☐ Construction 2022
 - ▶ ☐ Construction 2023
 - ▶ ☐ Construction 2024
 - ▶ ☐ Construction 2025
 - ▶ ☐ Construction 2026
- ▶ ☐ New Road Construction ~

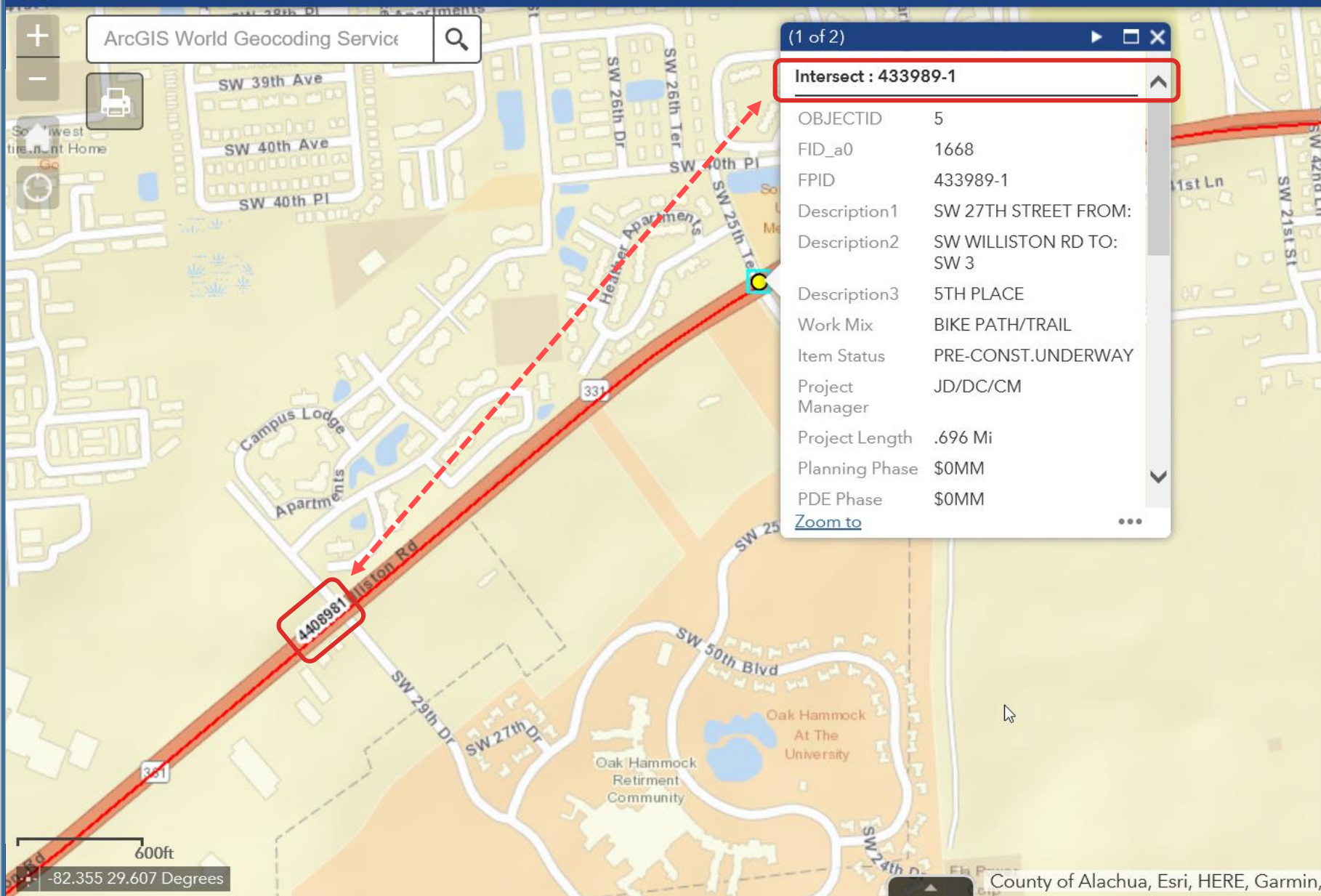






Layer List

- ☐ PD & E ~ ...
- ☐ Preliminary Engineering ~ ...
- ☒ Construction ~ ...
 - ☒ Construction 2019 ...
 - ☒ Construction 2020 ...
 - ☒ Construction 2021 ...
 - ☐ Construction 2022 ...
 - ☐ Construction 2023 ...
 - ☐ Construction 2024 ...
 - ☐ Construction 2025 ...
 - ☐ Construction 2026 ...
 - ☐ New Road Construction ~ ...

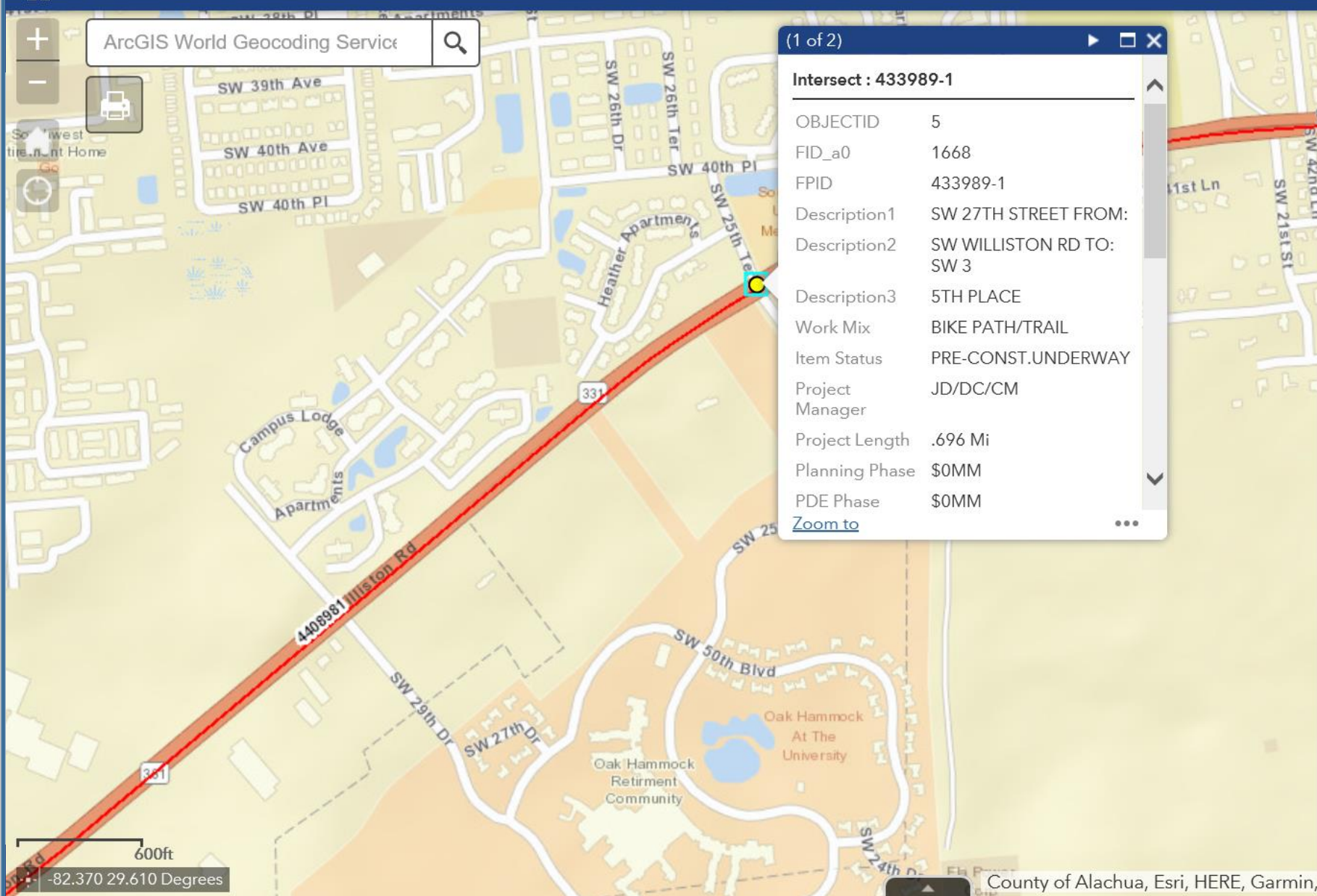


Layer List

- ☐ PD & E ~
- ☐ Preliminary Engineering ~
- ☒ Construction ~
 - ☒ Construction 2019
 - ☒ Construction 2020
 - ☒ Construction 2021
 - ☐ Construction 2022
 - ☐ Construction 2023
 - ☐ Construction 2024
 - ☐ Construction 2025
 - ☐ Construction 2026
 - ☐ New Road Construction ~

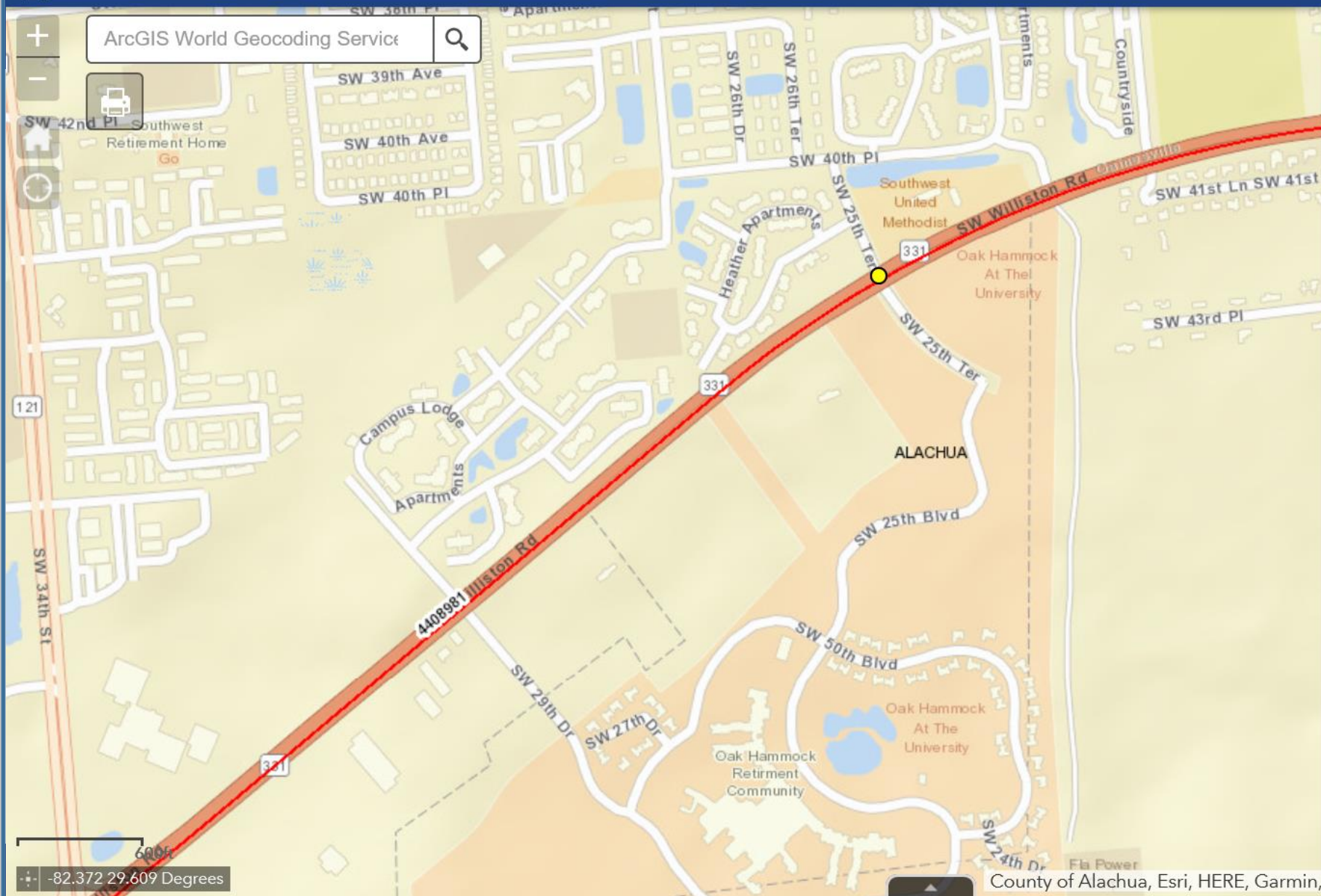
600ft
-82.355 29.607 Degrees

County of Alachua, Esri, HERE, Garmin,



Layer List

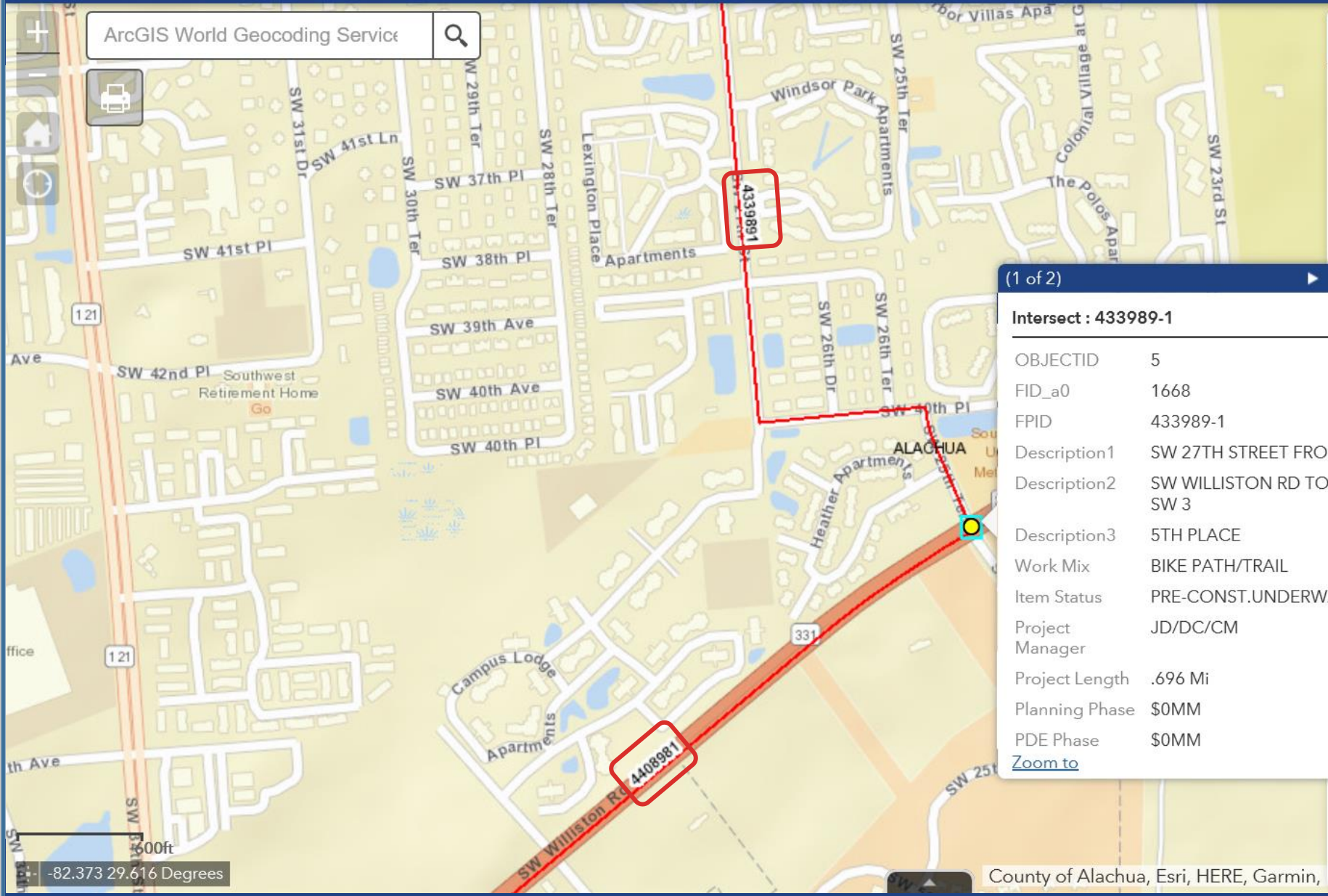
- ☒ Construction ~
- ☒ Construction 2019
- ☒ Construction 2020
- ☒ Construction 2021
- ☐ Construction 2022
- ☐ Construction 2023
- ☐ Construction 2024
- ☐ Construction 2025
- ☐ Construction 2026
- ☐ New Road Construction ~
- ☒ Construction - Other Agency ~
- ☐ Landscaping ~



Layer List

- ☐ New Road Construction ~
- ☒ Construction - Other Agency ~
- ☒ LAP ~
- ☒ LAP 2019
- ☒ LAP 2020
- ☒ LAP 2021
- ☐ LAP 2022
- ☐ LAP 2023
- ☐ LAP 2024
- ☐ LAP 2025
- ☐ LAP 2026
- ☐ SCRAP ~

County of Alachua, Esri, HERE, Garmin,



(1 of 2)

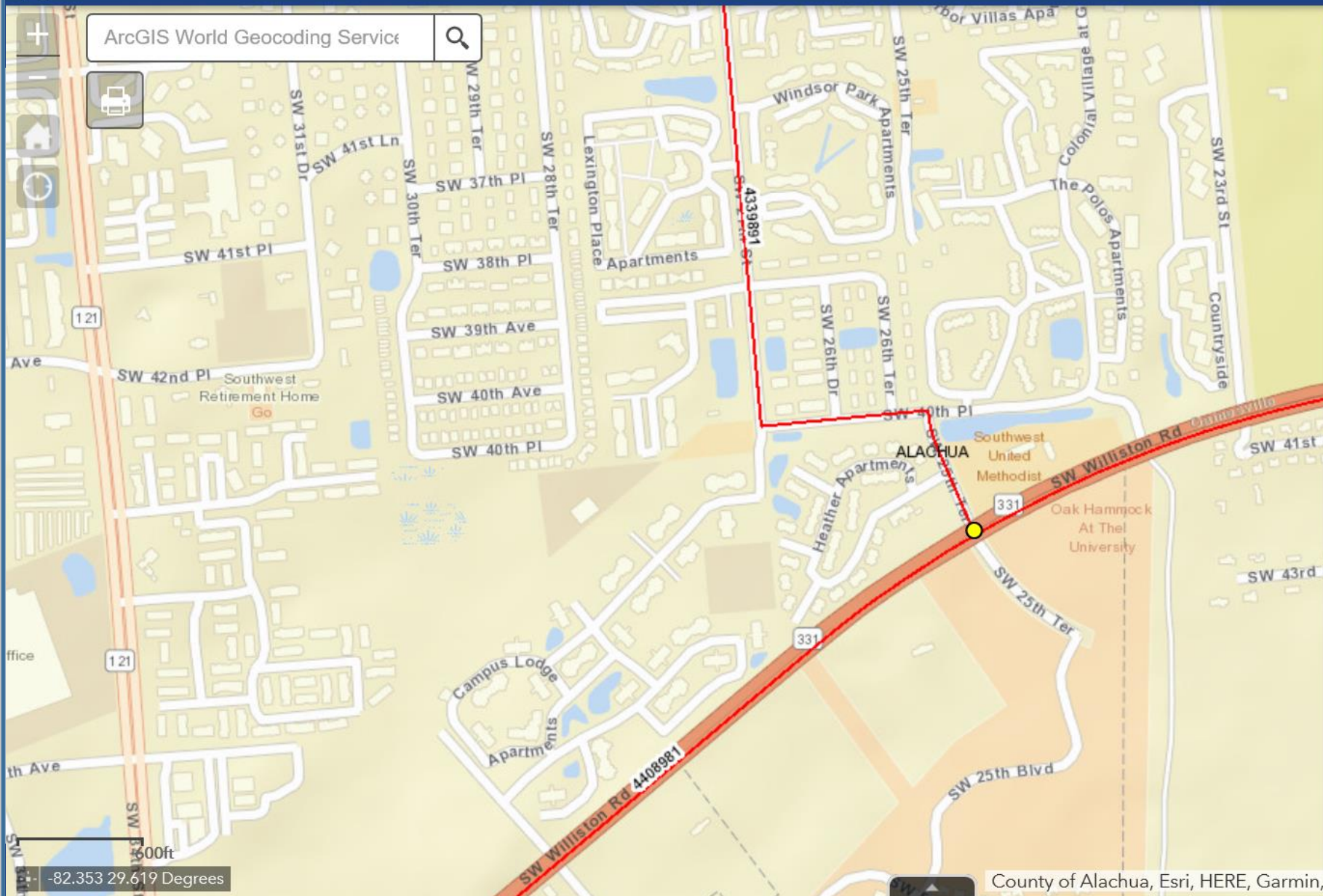
Intersect : 433989-1

OBJECTID	5
FID_a0	1668
FPID	433989-1
Description1	SW 27TH STREET FROM:
Description2	SW WILLISTON RD TO:
Description3	5TH PLACE
Work Mix	BIKE PATH/TRAIL
Item Status	PRE-CONST.UNDERWAY
Project Manager	JD/DC/CM
Project Length	.696 Mi
Planning Phase	\$0MM
PDE Phase	\$0MM

[Zoom to](#)

Layer List

- ☐ New Road Construction ~
- ☒ Construction - Other Agency ~
- ☒ LAP ~
- ☒ LAP 2019
- ☒ LAP 2020
- ☒ LAP 2021
- ☐ LAP 2022
- ☐ LAP 2023
- ☐ LAP 2024
- ☐ LAP 2025
- ☐ LAP 2026
- ☐ SCRAP ~



Legend

Results-Intersect

Results-Overlap

WorkProgram-New Road Construction & Landscaping

Project Phase/Fiscal Year (AD/G1) ~

Construction ~

Construction 2019

Construction 2020

Construction 2021

Construction - Other Agency ~

LAP ~

LAP 2019

LAP 2020

LAP 2021

DISTRICT TWO – SNEAK PEEK

- Construction Duration Tool
 - Primavera schedule data
 - Anticipated construction in the area
 - Facilitates coordination efforts
 - Design – Construction & other local municipalities
 - MOT concerns
 - Bid prices
 - Evacuation routes



Address Search

Address Search

Widget Toolbar

Map Navigation Tools

Scale Bar

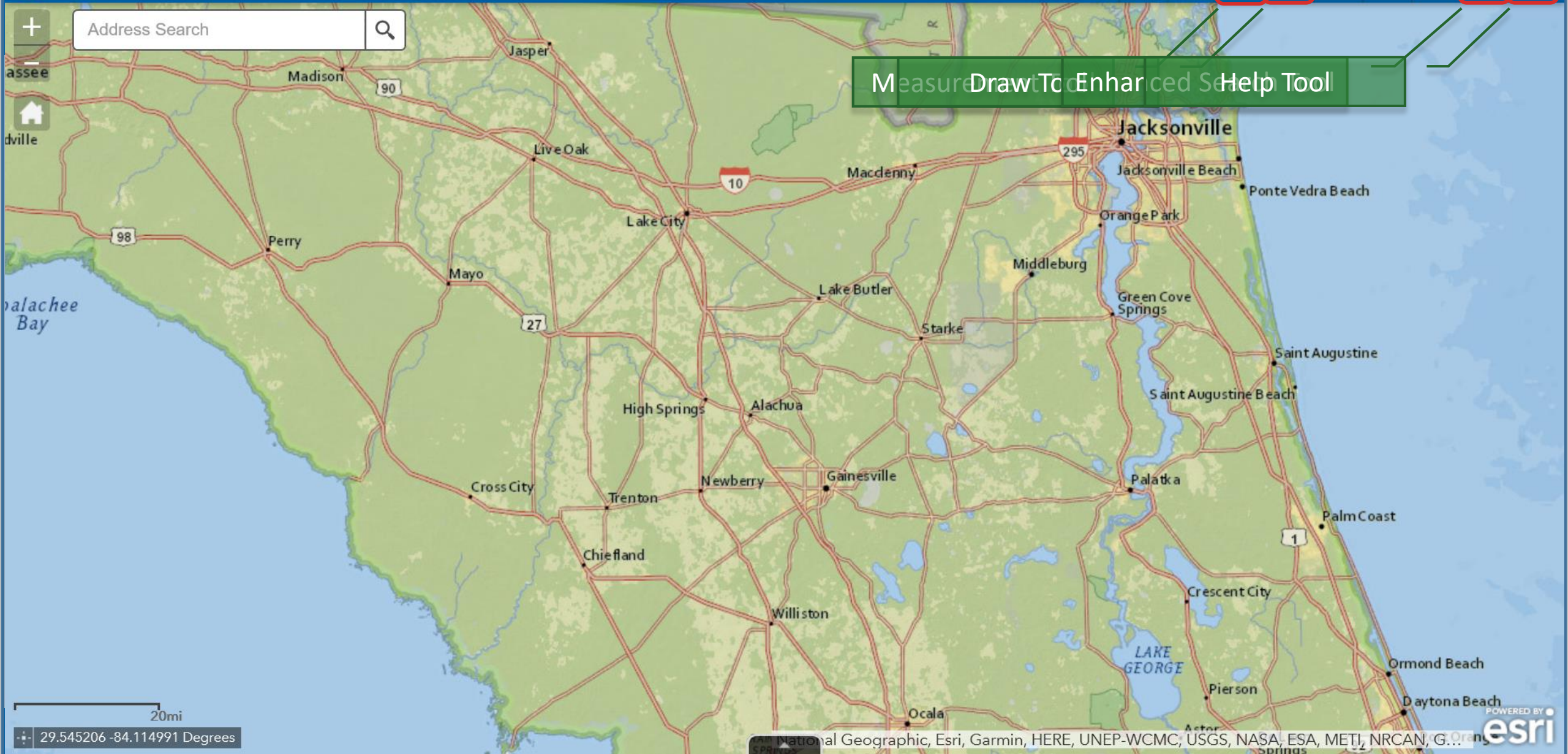
Map Overview

Coordinates

20mi
29.545206 -84.114991 Degrees

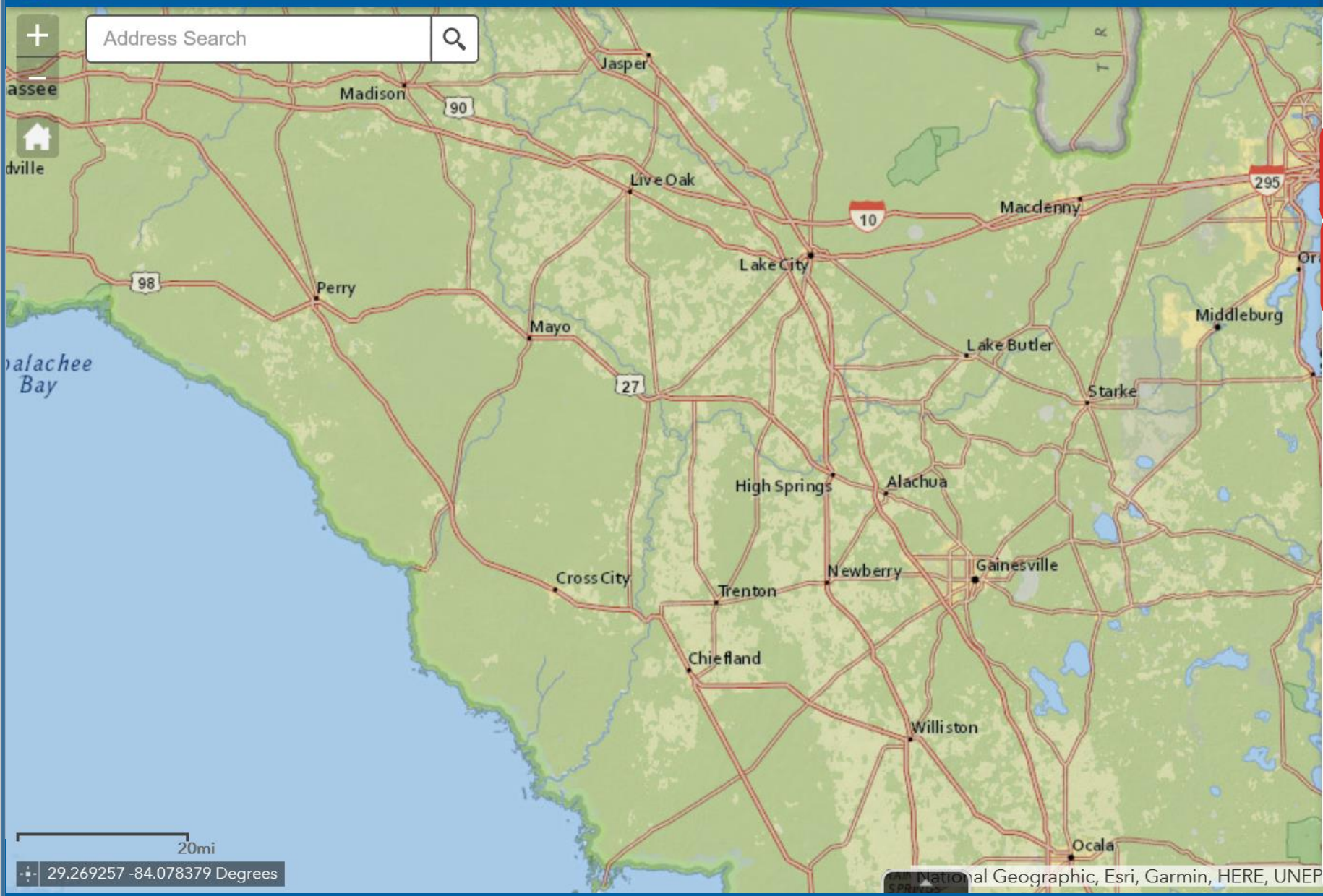
Map data © National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, G...

Measure Draw To Enhanced Search Help Tool



20mi
29.545206 -84.114991 Degrees

Map data provided by National Geographic, Esri, Garmin, HERE, UNEP-WCMC, USGS, NASA, ESA, METI, NRCAN, G...
POWERED BY **esri**



Enhanced Search

By ShapeBy ValueResults

Search layer

Overlap projects 2019-2026 (AD/G1)

Clear filter

Search alias

Search By FM number

Search By FM number

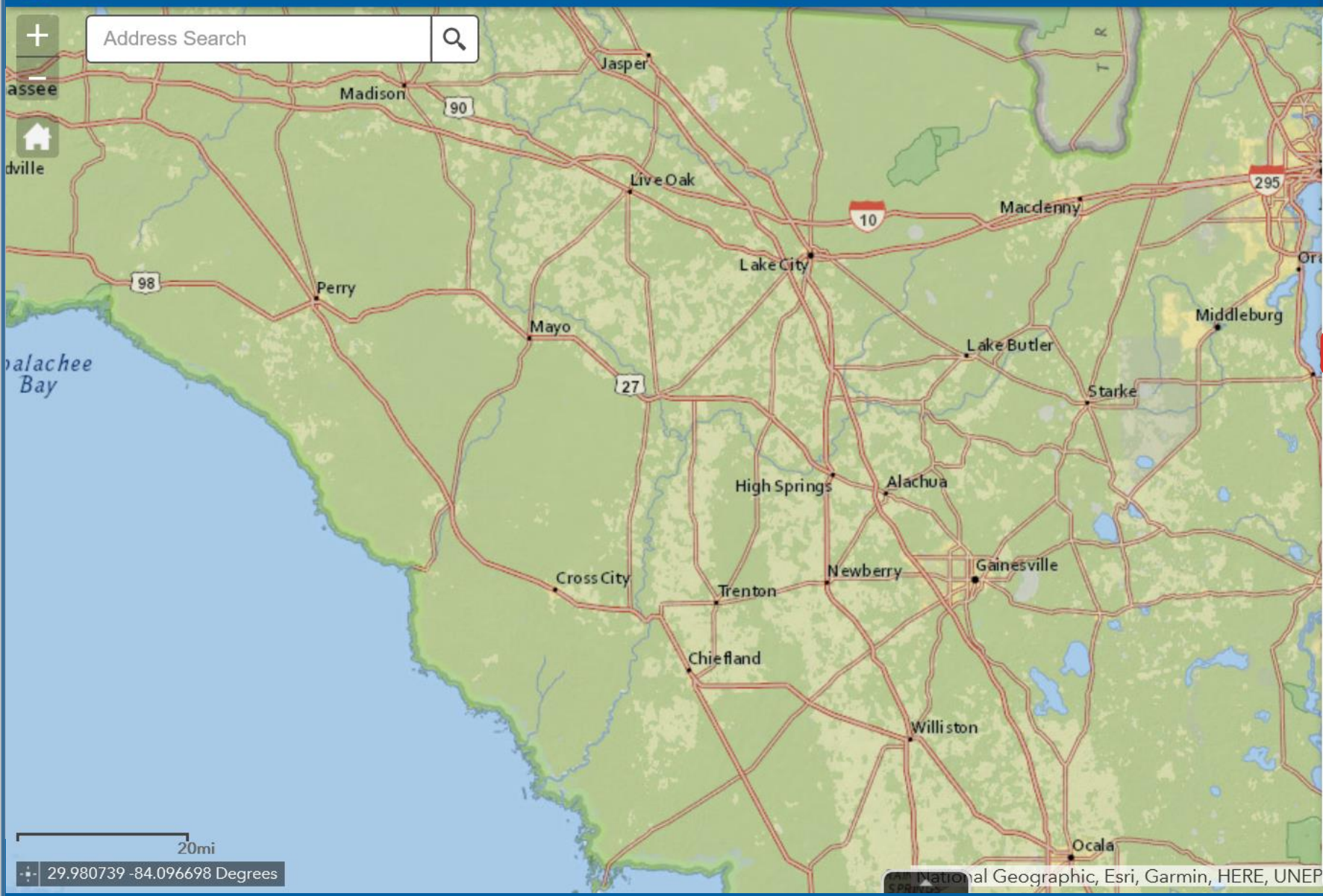
FMNumber is

*

Required

FM number is, Ex: 4385921

Search



Enhanced Search

By ShapeBy ValueResults

Search layer

Overlap projects 2019-2026 (AD/G1)

Clear filter

Search alias

Search By FM number

Search By FM number

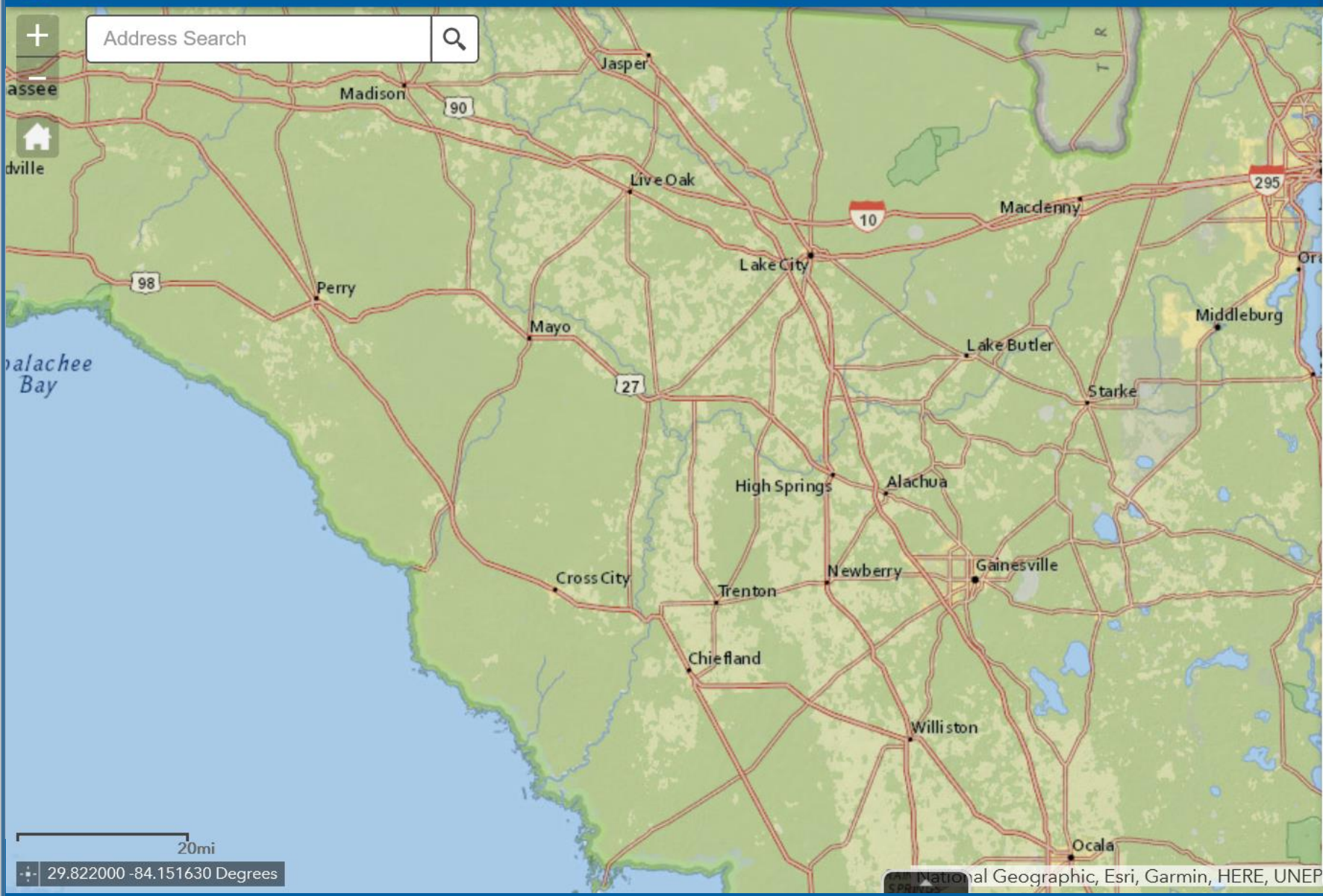
Search By FY5WP and Project Phase

Search By FY8WP and Project Phase

Advanced Search - Five Year Work Program

Advanced Search - Eight Year Work Program

Search



Enhanced Search

By ShapeBy ValueResults

Search layer

Overlap projects 2019-2026 (AD/G1)

Search alias

Search By FY5WP and Project Phase

Search By FY5WP and Project Phase

*Required

Search

Select one or more project years to search across

☒ 2019

☒ 2020

☐ 2021

☐ 2022

☐ 2023

Select one or more project phases to search across

☐ Advanced R/W

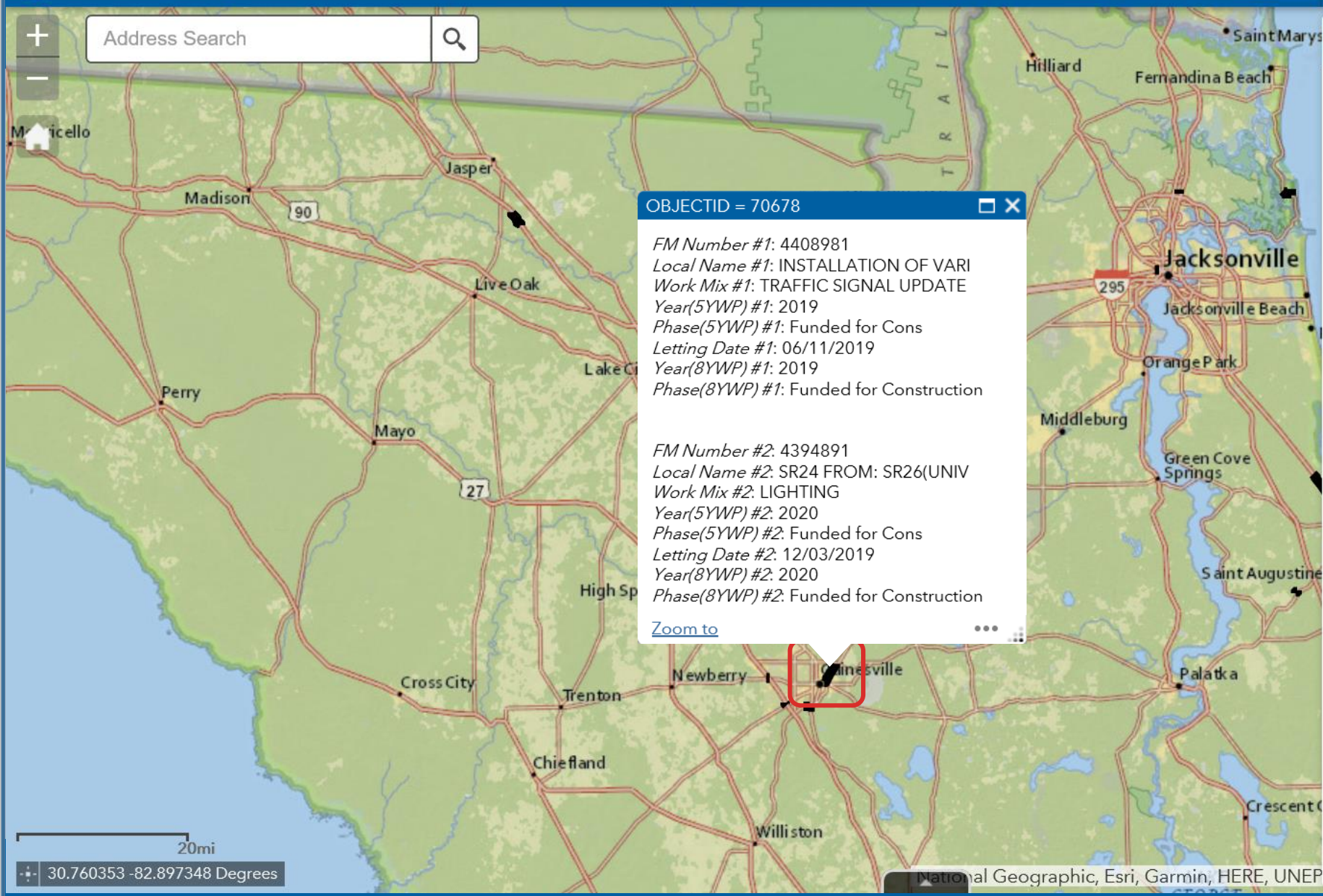
☐ D/W

☐ Design Funded

☐ Funded Other

☒ Funded for Cons

Address Search



Enhanced Search

By Shape By Value Results

Features selected: 25

4340411

Local Name #1: SR105
Work Mix #1: BRIDGE
Year(5YWP) #1: 2020
Phase(5YWP) #1: Func
Letting Date #1: 05/19
Year(8YWP) #1: 2020
Phase(8YWP) #1: Func

4340421

Local Name #1: SR105(HECKSCHER DR)
Work Mix #1: BRIDGE REPLACEMENT
Year(5YWP) #1: 2020
Phase(5YWP) #1: Funded for Cons

Pan to

Flash

View in Attribute Table

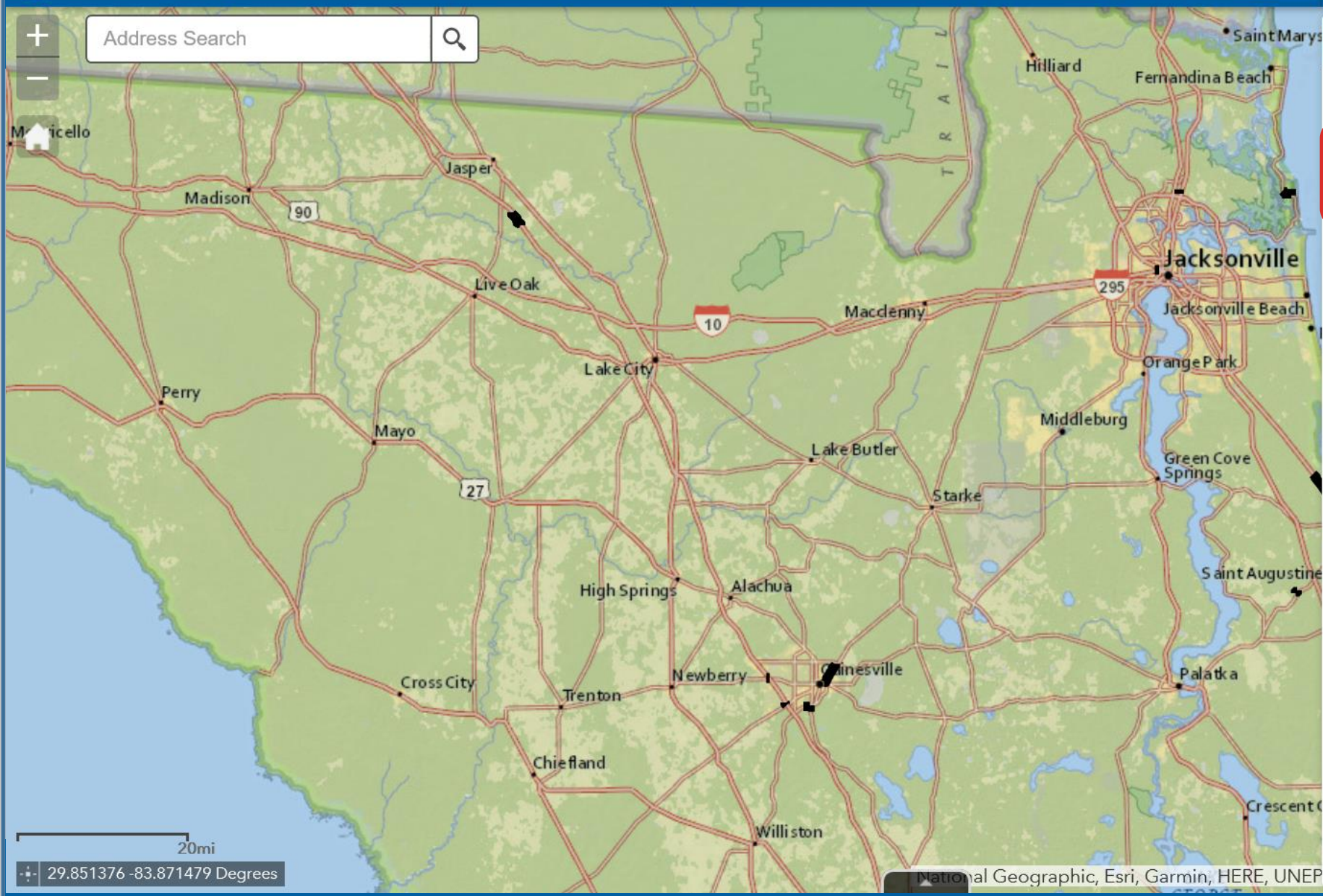
Statistics...

Export to CSV file

Clear Results

20mi
30.760353 -82.897348 Degrees

National Geographic, Esri, Garmin, HERE, UNEP



Enhanced Search

By Shape

By Value

Results

Search layer

[Clear filter](#)

[Clear results](#)

Overlap projects 2019-2026 (AD/G1)

Search alias

Search By FY5WP and Project Phase

Search By FY5WP and Project Phase

*Required

Search

Select one or more project years to search across

☒ 2019

☒ 2020

☐ 2021

☐ 2022

☐ 2023

Select one or more project phases to search across

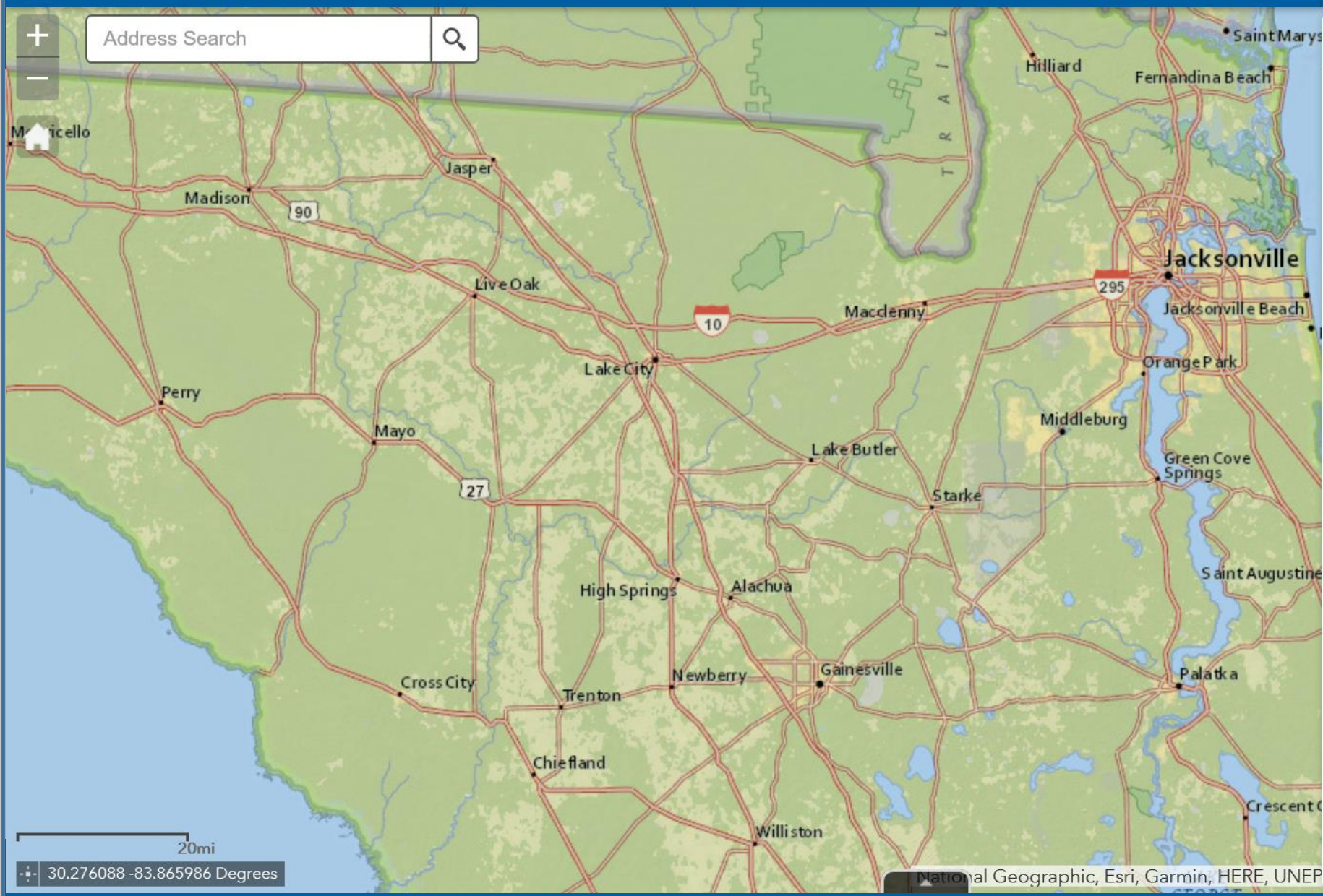
☐ Advanced R/W

☐ D/W

☐ Design Funded

☐ Funded Other

☒ Funded for Cons



Enhanced Search

By Shape By Value Results

Search layer [Clear filter](#)

Overlap projects 2019-2026 (AD/G1)

Overlap projects 2019-2026 (AD/G1)

Work Program 5 years (AD/G1)

Work Program 5 years (AD/G1/CA)

District 2 Construction Duration (AD/G1)

Construction - 2019

Construction - 2020

Construction - 2021

Construction - 2022

Construction - 2023

Construction - 2024

Construction - 2025

Construction - 2026

New Construction - 2019

New Construction - 2020

New Construction - 2021

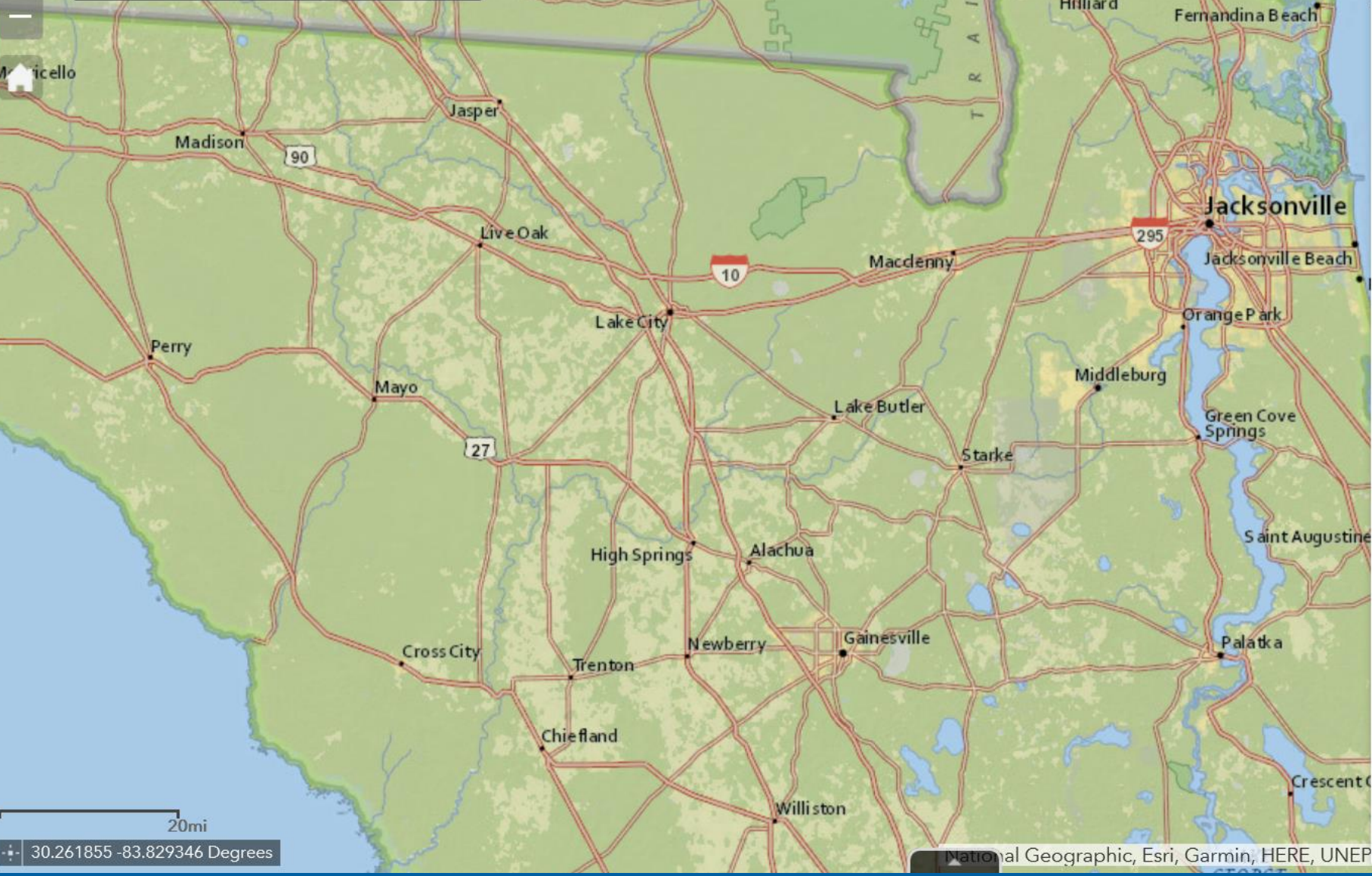
New Construction - 2022

New Construction - 2023

New Construction - 2024

New Construction - 2025

New Construction - 2026



Enhanced Search

By Shape By Value Results

Search layer [Clear filter](#)

Work Program 5 years (AD/G1)

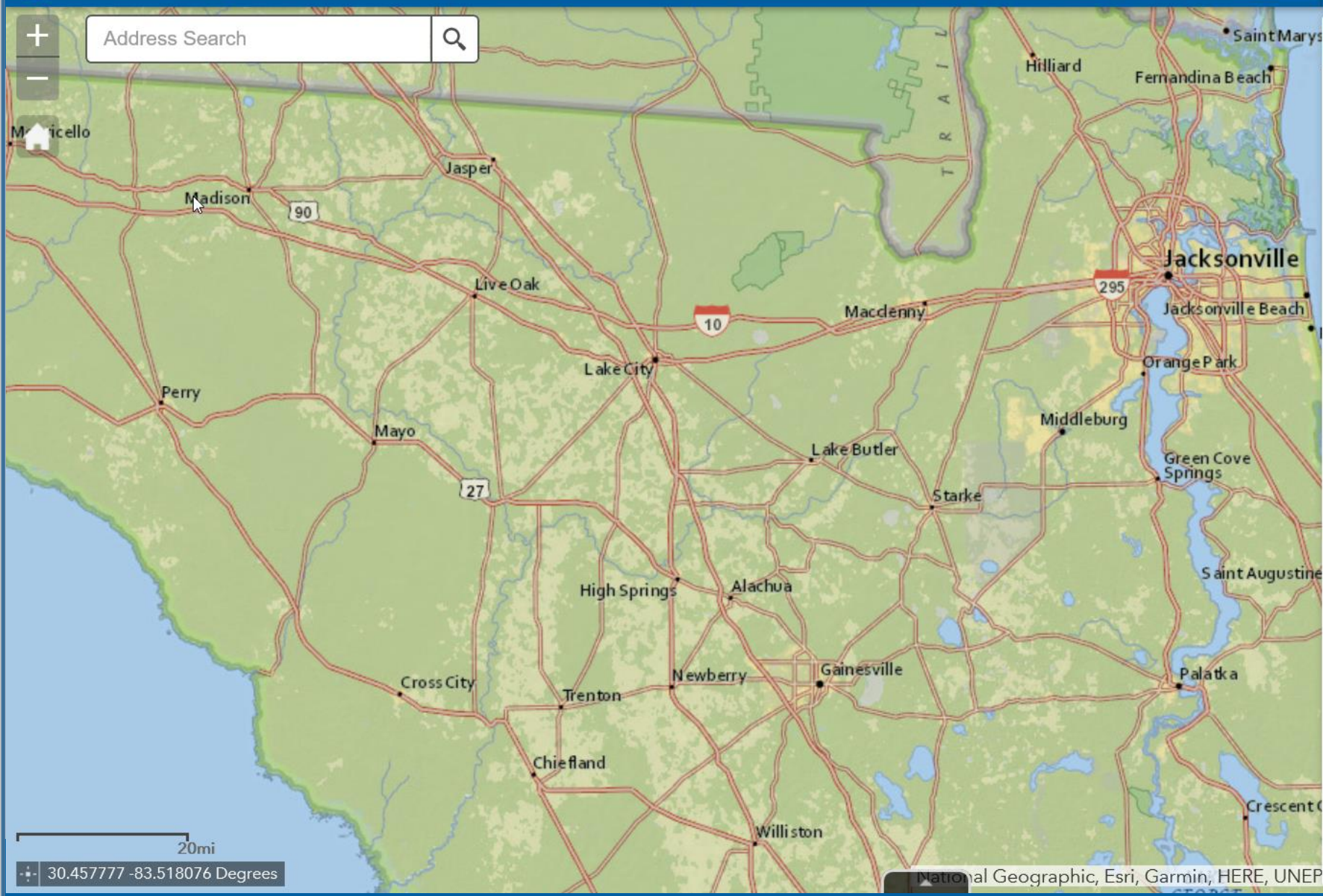
Search alias

Search By FM number

WorkMix

Advanced search

*Required FM number is, Ex: 4355621



Enhanced Search

By ShapeBy ValueResults

Search layer

Work Program 5 years (AD/G1)

Clear filter

Search alias

WorkMix

Search by WorkMix

WorkMix is

NES & RECONSTRUCT

WorkMix is

Search

ADD MANAGED LANES

ADD RIGHT TURN LANE(S)

ADD SPECIAL USE LANE

ADD TURN LANE(S)

ADV TRAVELER INFORMATION SYSTM

BIKE LANE/SIDEWALK

BIKE PATH/TRAIL

BRIDGE - PAINTING

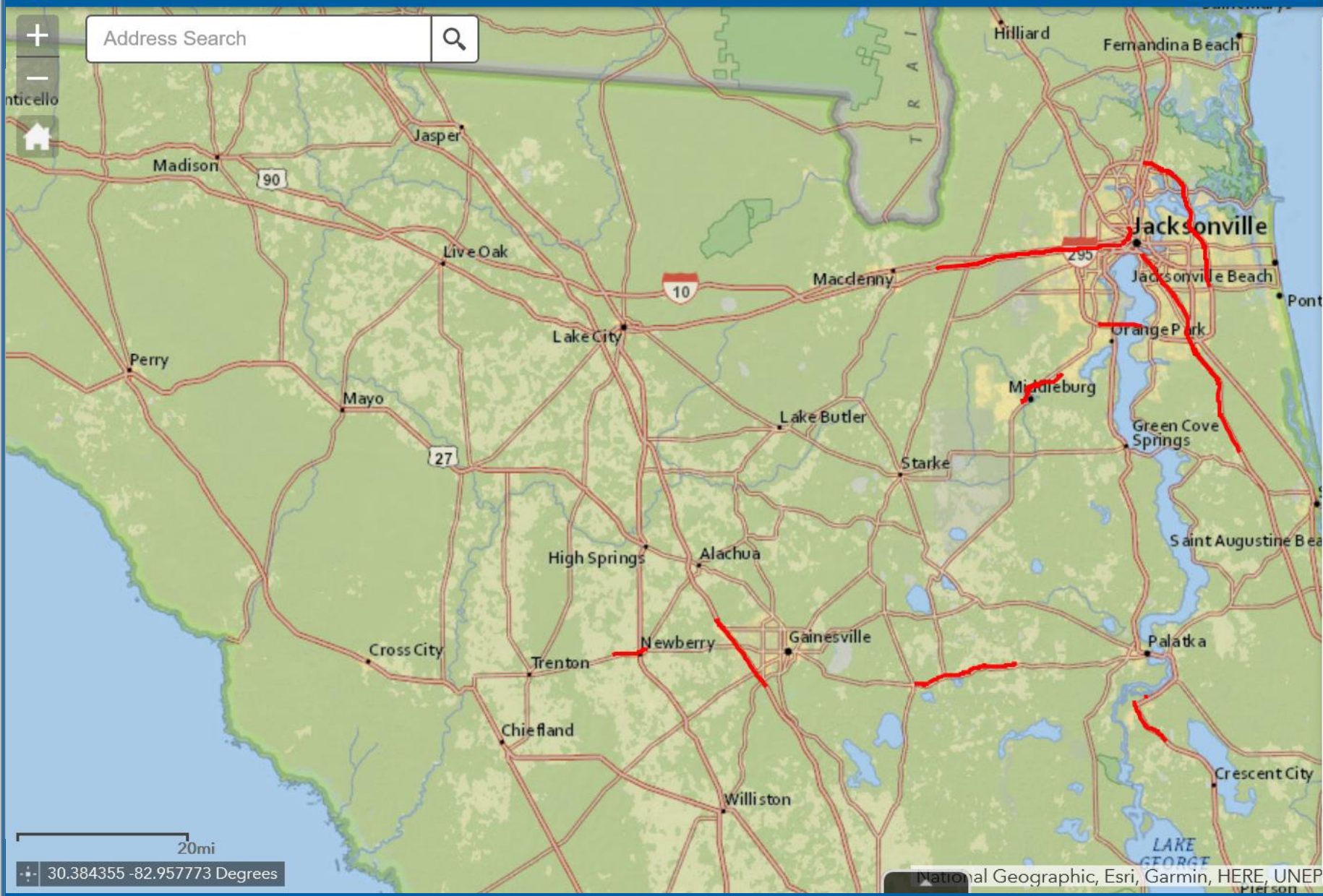
BRIDGE REPLACEMENT

BRIDGE-REPAIR/REHABILITATION

CONSTRUCT SPECIAL STRUCTURE

CORRIDOR/SUBAREA PLANNING

DRAINAGE IMPROVEMENTS

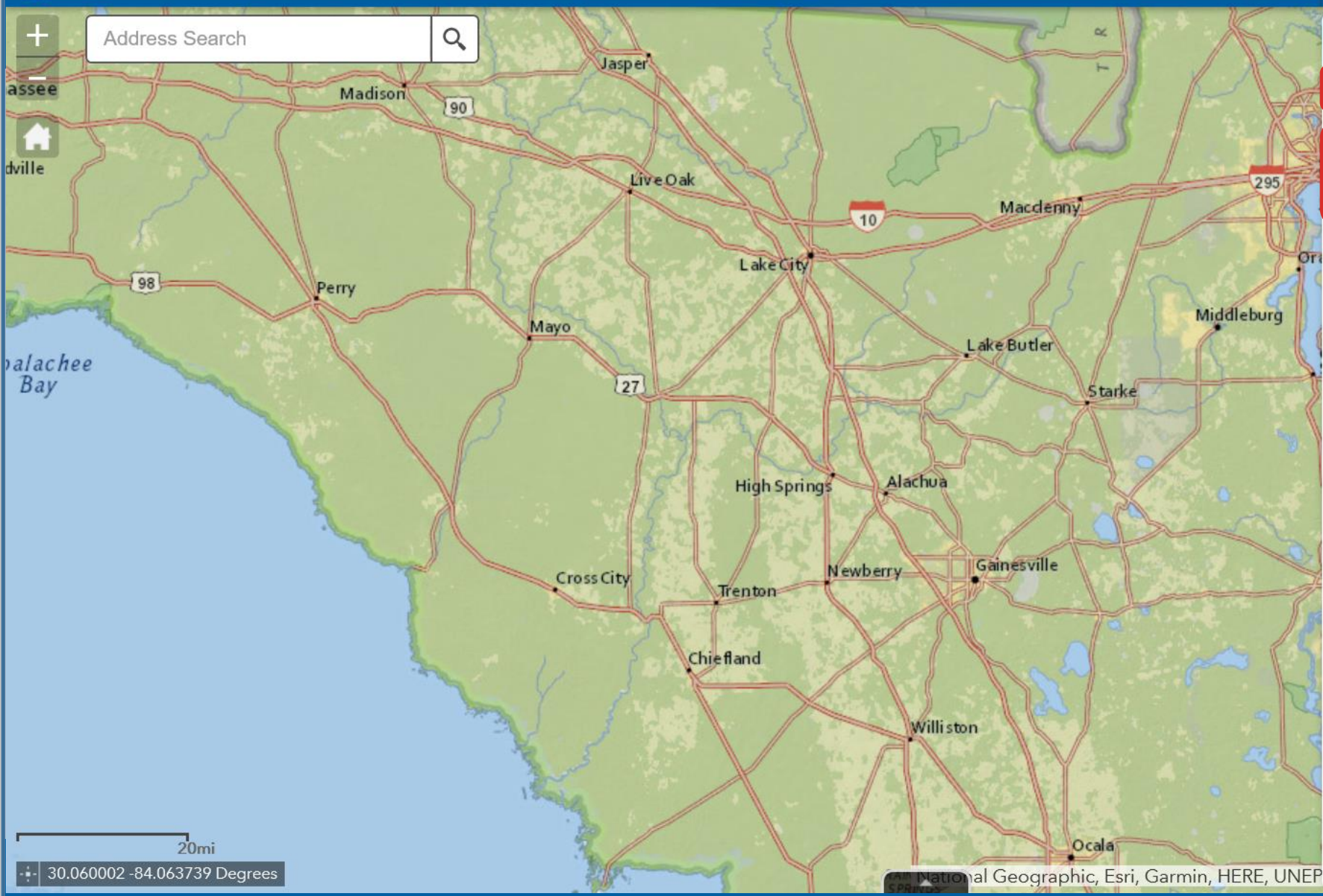


Enhanced Search

By ShapeBy ValueResults

Features selected: 154

210028.3
Version: ADOPTED
Local Name: SR15(US17) FROM
Project Manager: KT/RA/AW/RB
From MP: 09 IN SATSUMA TO
To MP: NN CREEK BRIDGE (19.659)
County Name:
Status: PRE-CONST.UNDERWAY
ConClass Desc: DISTRICT LET
Tran System Desc: INTRASTATE STATE HIGHWAY
WorkMix: ADD LANES & RECONSTRUCT
Item Segment Location: Roadway
LAP: No
RoadwayID: 76010000
BMP: 19.648
EMP: 19.659
FY12:
FY22:
FY32: 2008
FY52: 2023
FY58:
FY5WP: 2023



Enhanced Search

By Shape

By Value

Results

Search layer

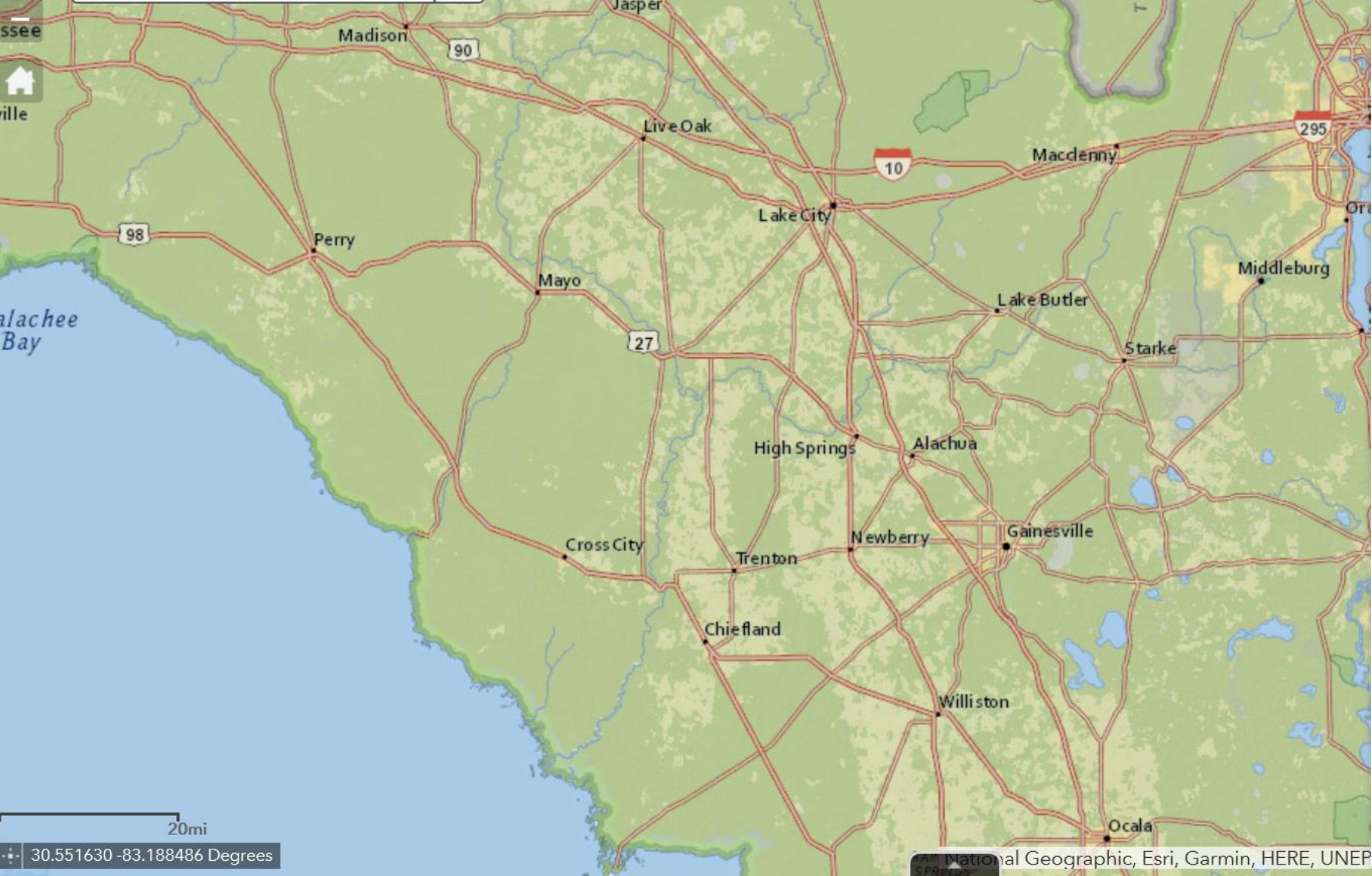
Overlap projects 2019-2026 (AD/G1)

Select features by

20mi
30.060002 -84.063739 Degrees

Map data by National Geographic, Esri, Garmin, HERE, UNEP

Address Search



20mi
30.551630 -83.188486 Degrees

Enhanced Search ⌵ ✕

By Shape By Value Results

Search layer

Overlap projects 2019-2026 (AD/G1) ⌵

Overlap projects 2019-2026 (AD/G1)

Work Program 5 years (AD/G1)

Work Program 5 years (AD/G1/CA)

District 2 Construction Duration (AD/G1)

Construction - 2019

Construction - 2020

Construction - 2021

Construction - 2022

Construction - 2023

Construction - 2024

Construction - 2025

Construction - 2026

New Construction - 2019

New Construction - 2020

New Construction - 2021

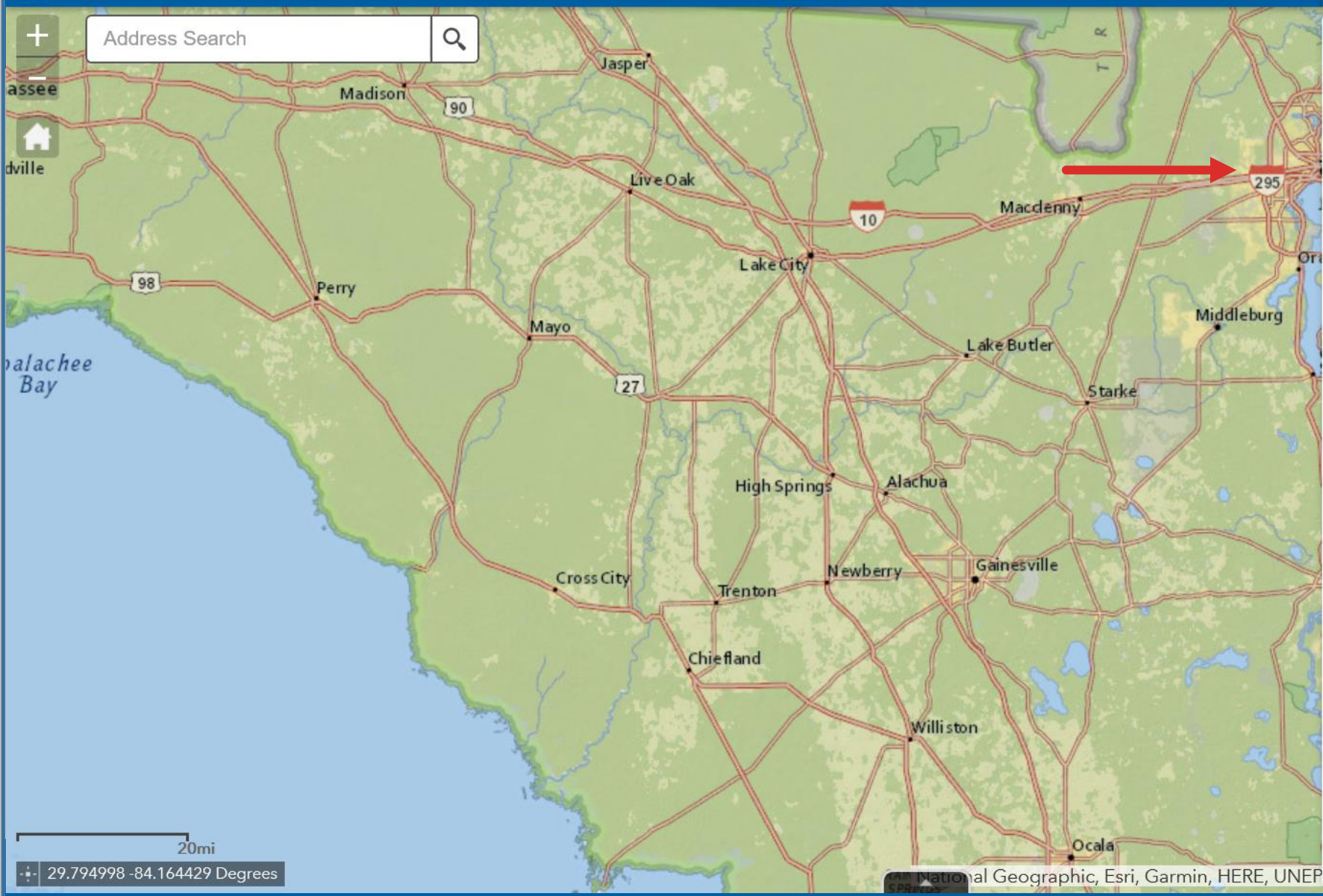
New Construction - 2022

New Construction - 2023

New Construction - 2024

New Construction - 2025

New Construction - 2026



Enhanced Search

By Shape By Value Results

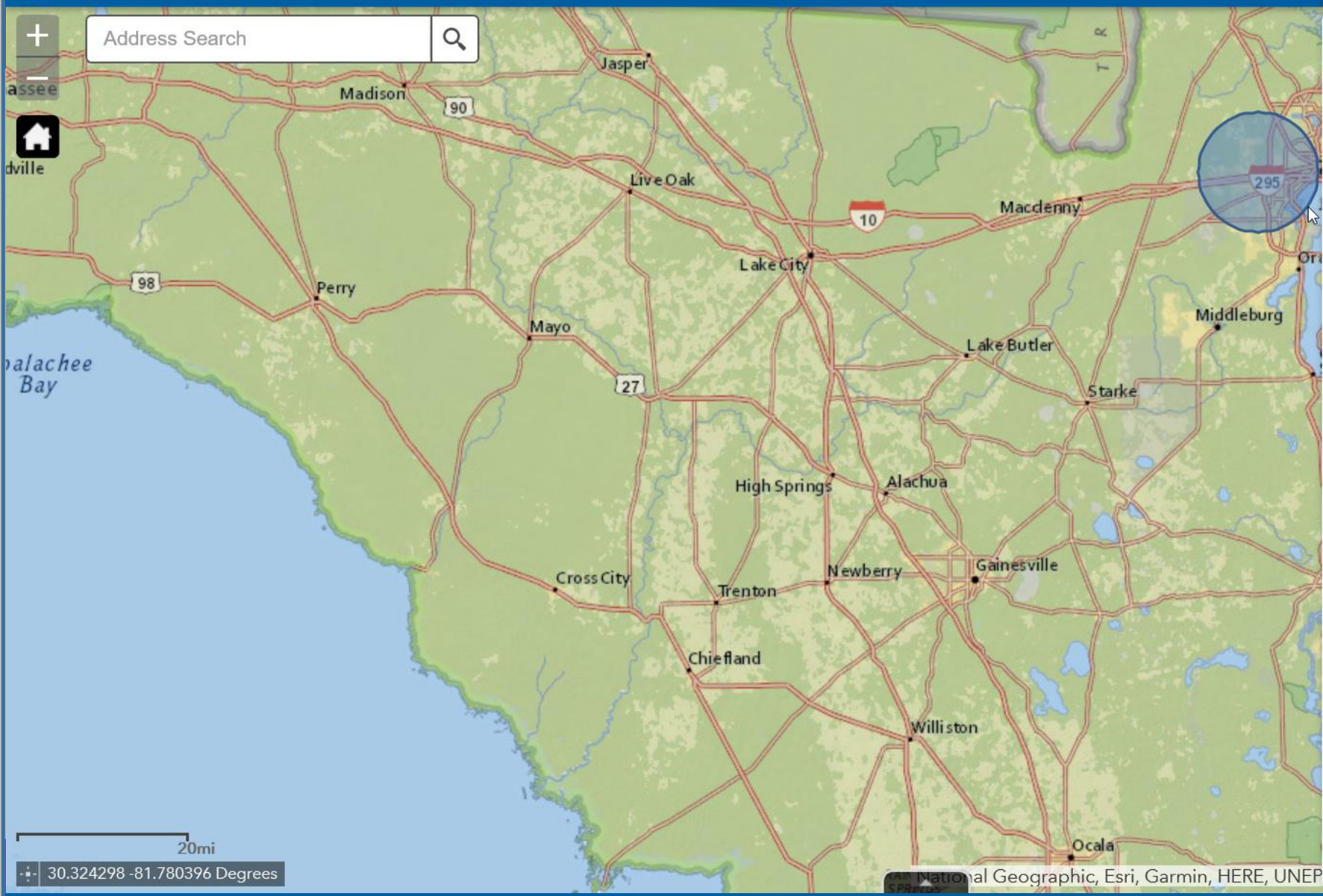
Search layer

District 2 Construction Duration (AD/G1)

Select features by



Home



20mi
30.324298 -81.780396 Degrees

Enhanced Search

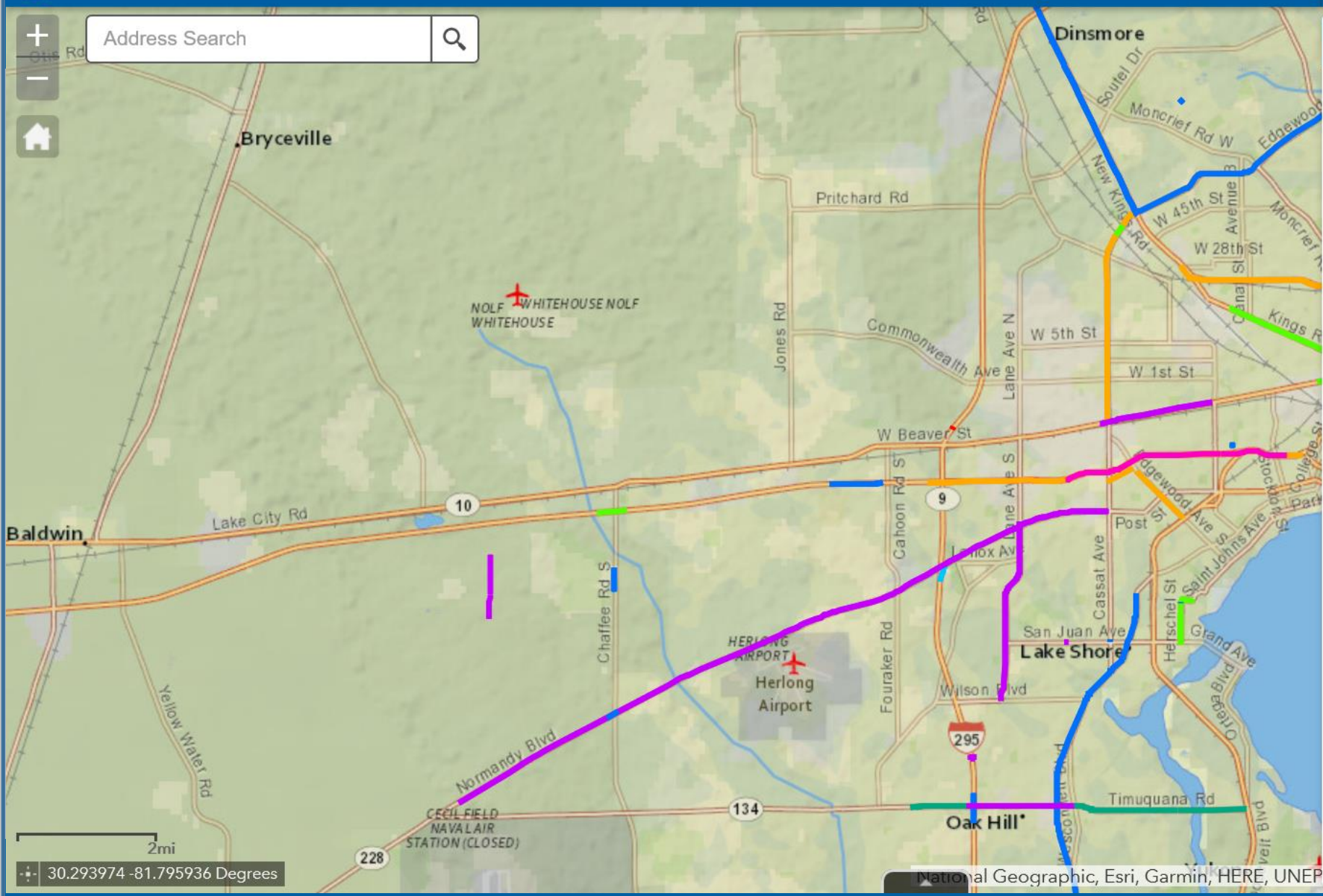
By Shape By Value Results

Search layer

District 2 Construction Duration (AD/G1)

Select features by

Address Search



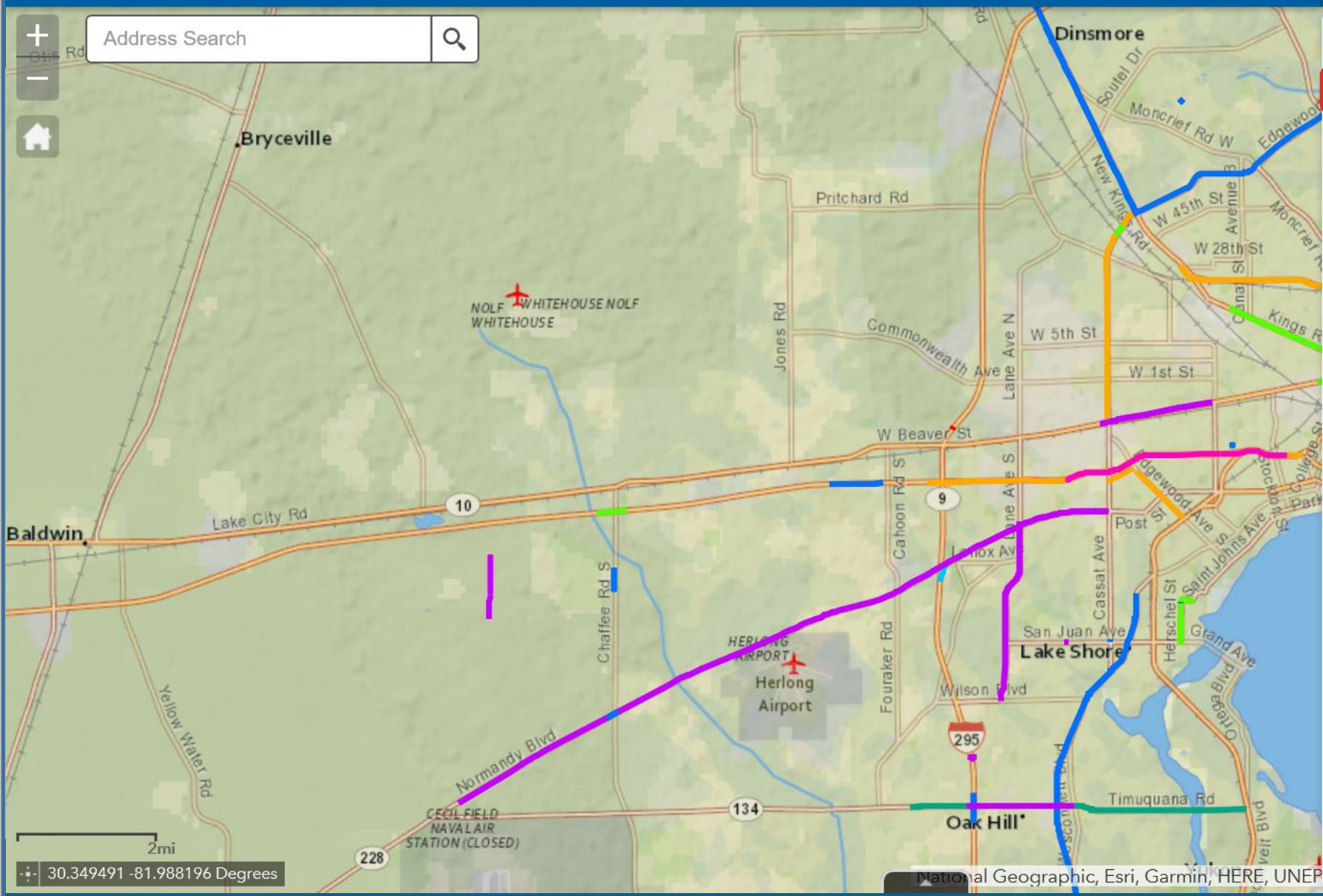
Enhanced Search

By Shape By Value Results

Features selected: 128

Version: TENTATIVE
FPID: 433912.1
Local Name: SR211(ST JOHNS AVE)
Project Manager: KT/RA/ES/JB
From MP: @ FISHWEIR CREEK BRIDGE N (3.581)
To MP: O720006 (3.615)
County Name:
Status: UNDER CONSTRUCTION
ConClass Desc: DISTRICT LET
TranSystem Desc: INTRASTATE STATE HIGHWAY
WorkMix: BRIDGE-REPAIR/REHABILITATION
ItemSegment Location: Roadway
Roadway ID: 72050000
BMP: 3.581
EMP: 3.615
FY12:
FY22:
FY32: 2016
FY52: 2019
FY58:
FY5WP: 2019
SIS: No

Address Search



Enhanced Search ⌵ ✕

By Shape

By Value

Results

Search layer

District 2 Construction Duration (AD/G1)

Select features by

Clear results

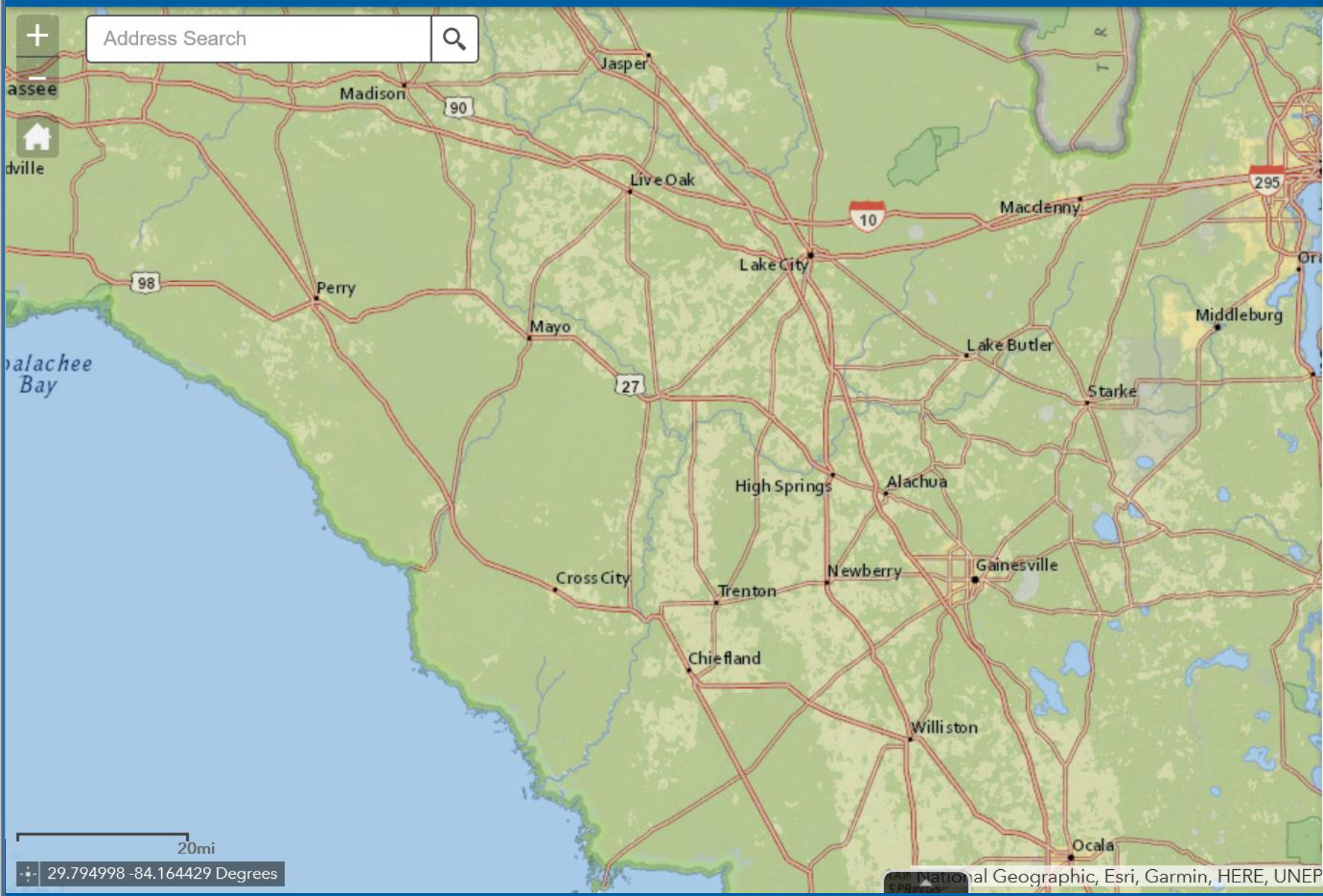
2mi
30.349491 -81.988196 Degrees

National Geographic, Esri, Garmin, HERE, UNEP

+

Address Search

🔍



Enhanced Search

By Shape

By Value

Results

Search layer

District 2 Construction Duration (AD/G1)

Select features by

📍

↘

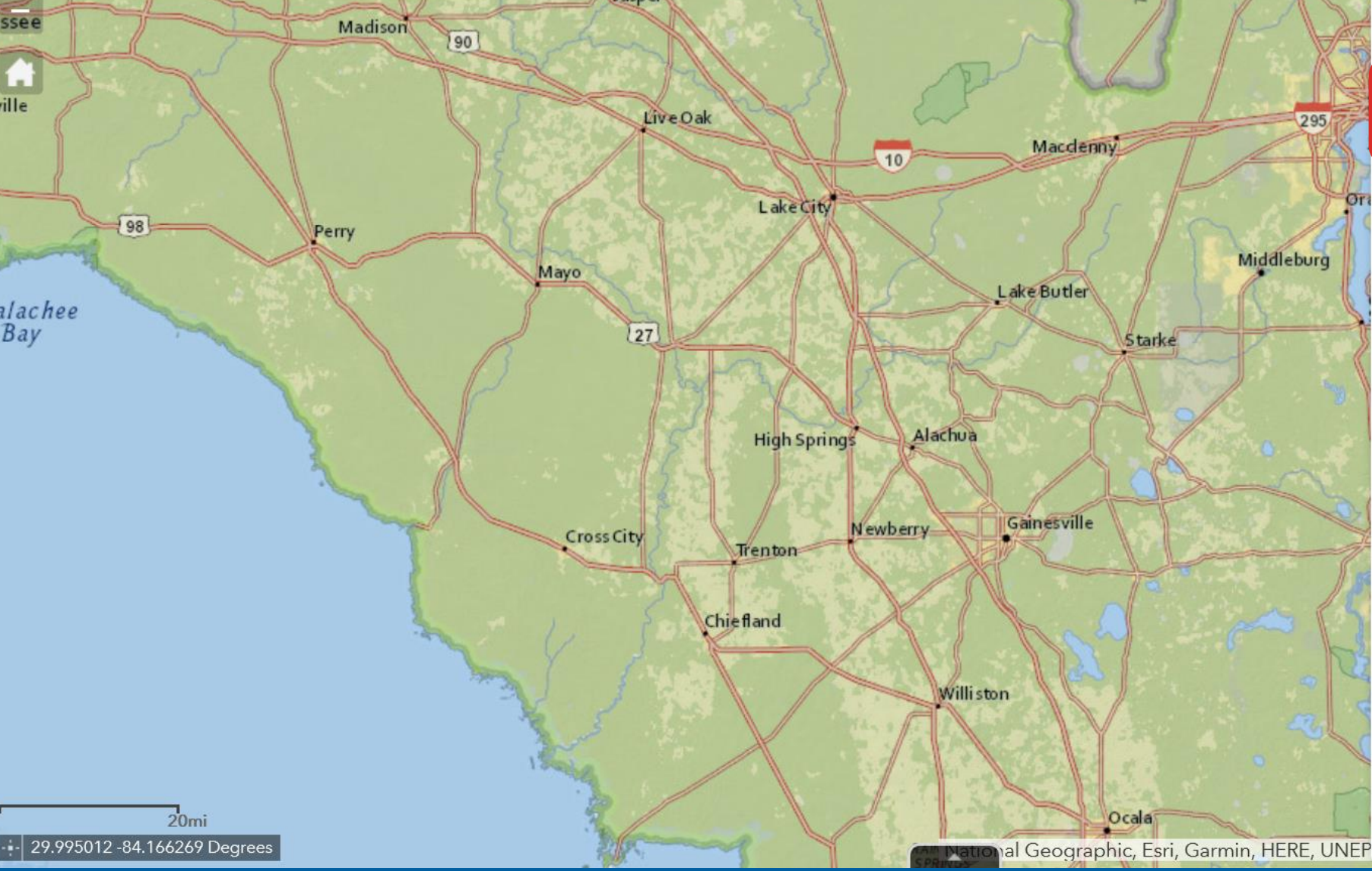
~

■

●

◀

20mi
29.794998 -84.164429 Degrees



Enhanced Search

By ShapeBy ValueResults

Search layer

Overlap projects 2019-2026 (AD/G1)

Clear filter

Search alias

Search By FM number

Search By FM number

FMNumber is

*Required

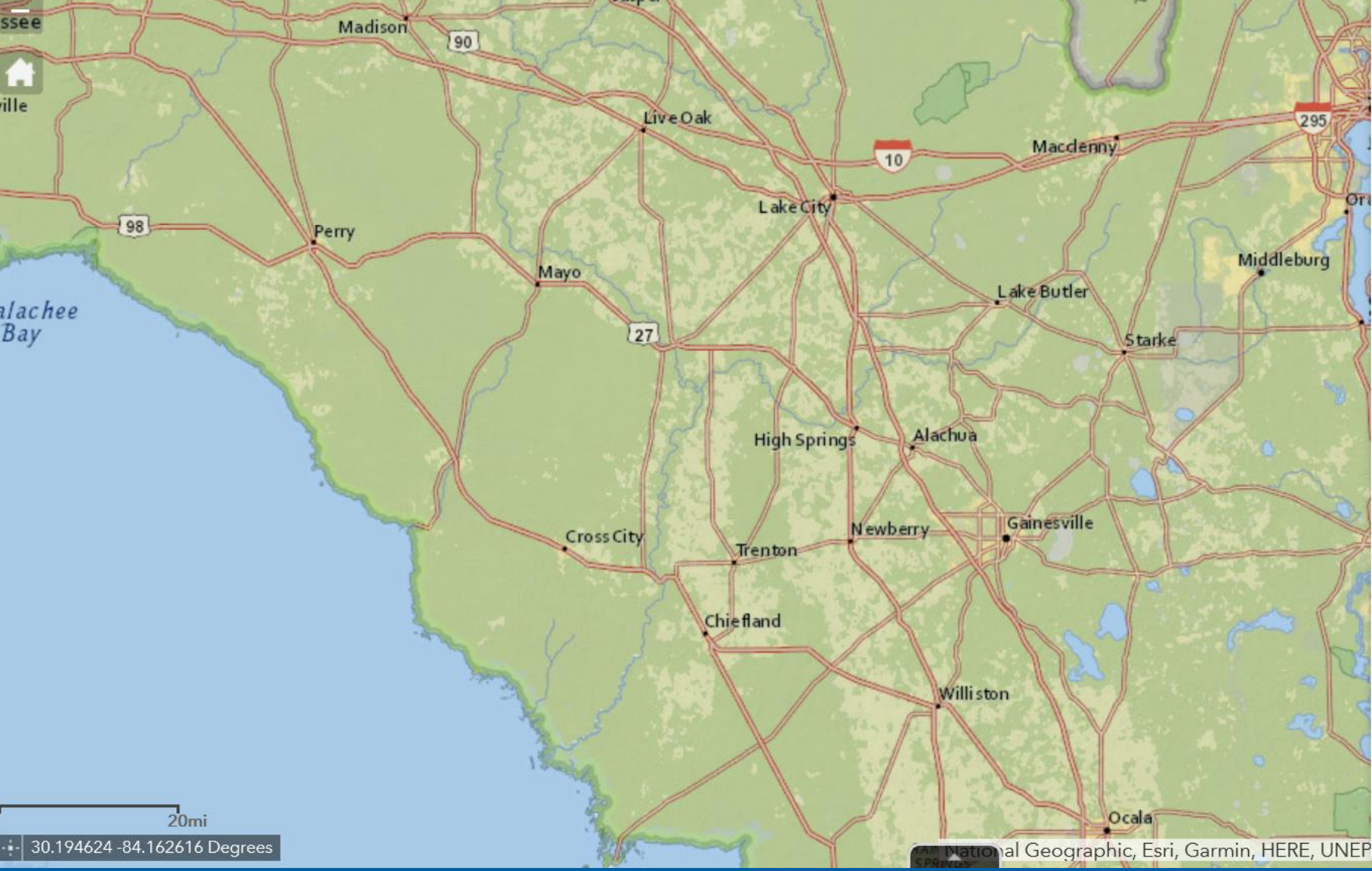
FM number is, Ex: 4385921

Search

20mi
29.995012 -84.166269 Degrees

Map data © National Geographic, Esri, Garmin, HERE, UNEP

Address Search



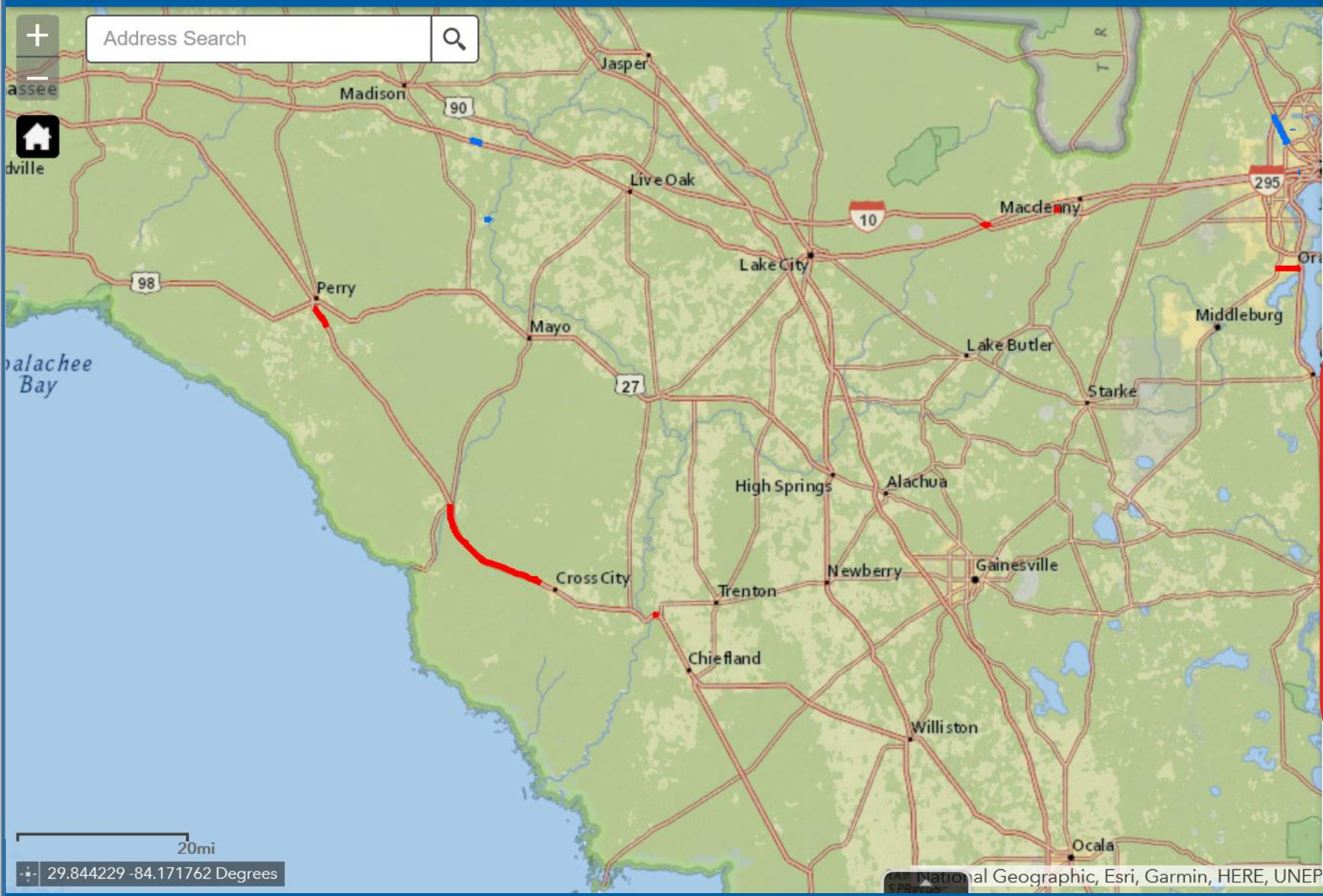
Enhanced Search ⌵ ✕

By Shape By Value Results

Search layer [Clear filter](#)

Overlap projects 2019-2026 (AD/G1) ⌵

Overlap projects 2019-2026 (AD/G1)
Work Program 5 years (AD/G1)
Work Program 5 years (AD/G1/CA)
District 2 Construction Duration (AD/G1)
Construction - 2019
Construction - 2020
Construction - 2021
Construction - 2022
Construction - 2023
Construction - 2024
Construction - 2025
Construction - 2026
New Construction - 2019
New Construction - 2020
New Construction - 2021
New Construction - 2022
New Construction - 2023
New Construction - 2024
New Construction - 2025
New Construction - 2026



Enhanced Search

By ShapeBy ValueResults

Search layerDistrict 2 Construction Duration (AD/G1)

Search by Year and Month from sliders

Search

Year: 2019, Month: 1

2 3 4 5 6 7 8 9 10 11 122 3 4 5 6 7 8 9 10 11 12

201920202021

2 3 4 5 6 7 8 9 10 11 122 3 4 5 6 7 8 9 10 11 12

202120222023

2 3 4 5 6 7 8 9 10 11 122 3 4 5 6 7 8 9 10 11 12

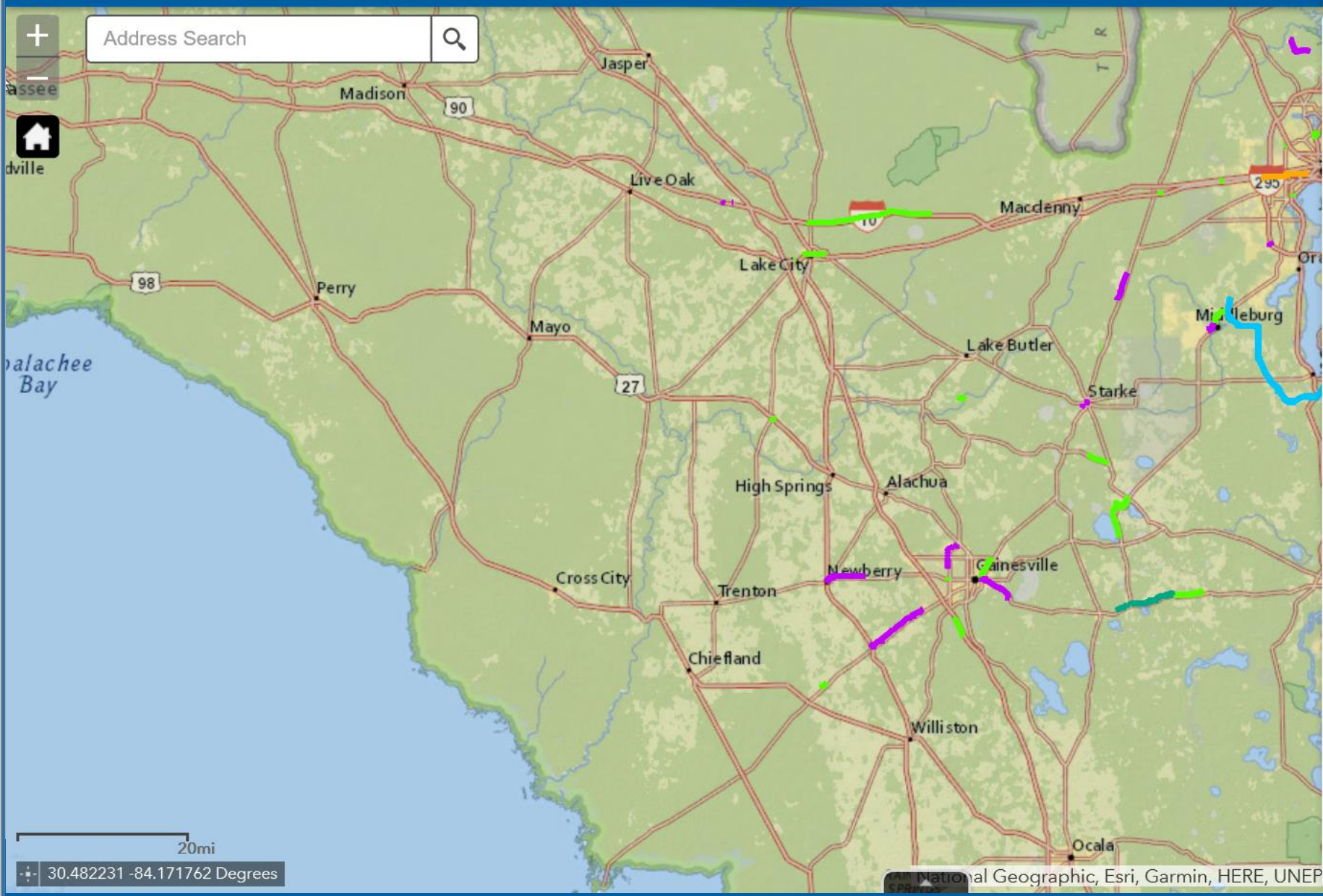
202320242025

2 3 4 5 6 7 8 9 10 11 122 3 4 5 6 7 8 9 10 11 12

202520262027

Construction Duration legend

CST - 2019



Enhanced Search

By Shape By Value Results

[Clear filter](#) [Clear results](#)

District 2 Construction Duration (AD/G1)

Search by Year and Month from sliders

Search

Year: 2020, Month: 11

2 3 4 5 6 7 8 9 10 11 12

2019 2020 2021

2 3 4 5 6 7 8 9 10 11 12

2021 2022 2023

2 3 4 5 6 7 8 9 10 11 12

2023 2024 2025

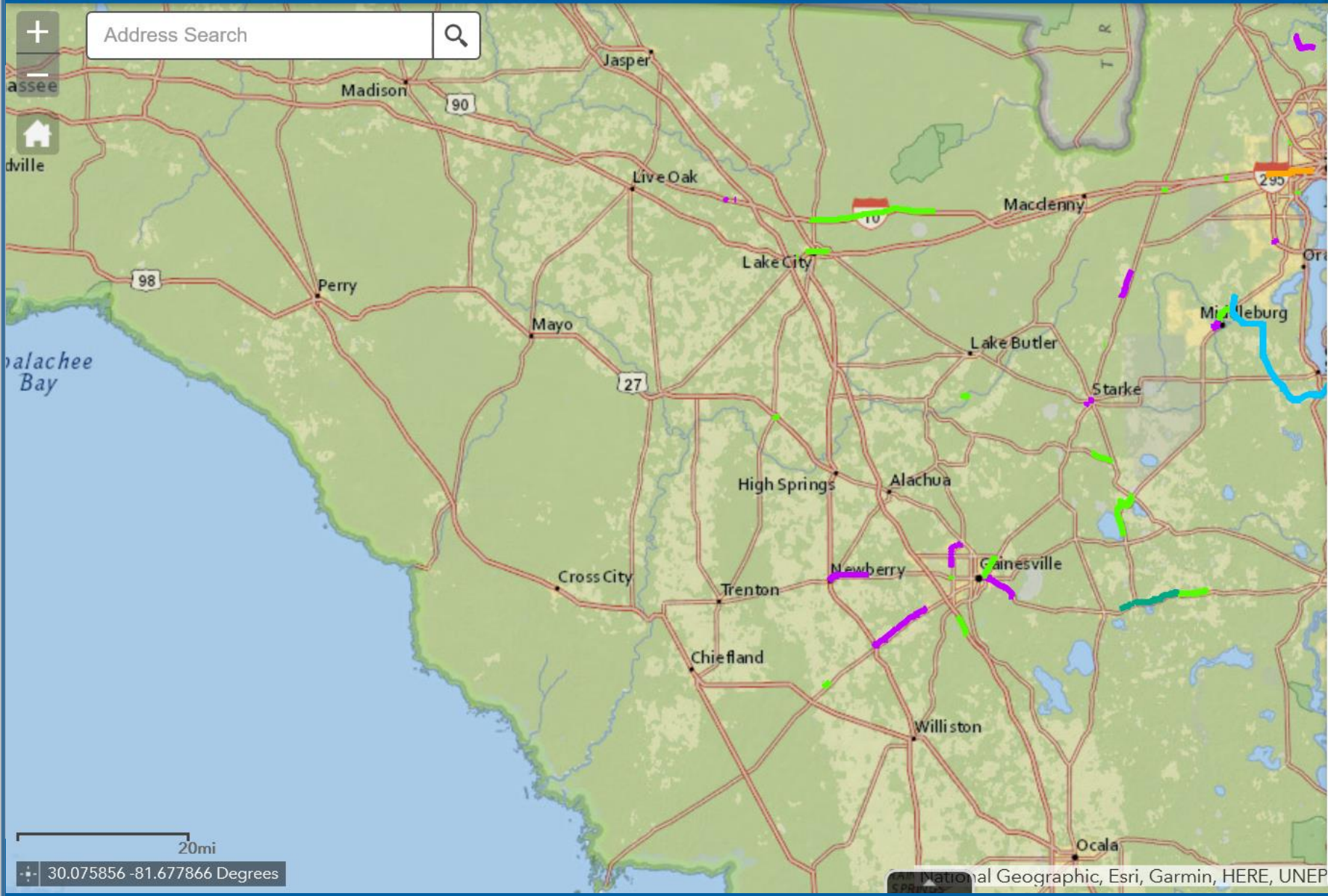
2 3 4 5 6 7 8 9 10 11 12

2025 2026 2027

Construction Duration legend

CST - 2019

Address Search



Enhanced Search

2023 2024 2025

2025 2026 2027

Construction Duration legend

- CST - 2019
- CST - 2020
- CST - 2021
- CST - 2022
- CST - 2023
- CST - 2024
- CST - 2025
- CST - 2026

DISTRICT TWO – OVERLAP TOOL SUMMARY

Multiple Overlap Views

1. Phase and Fiscal Year

- All Phases
- Symbology (color/size)

2. Overlap Tool

- Roadway ID & Milepost
- Intersecting Points & Overlapping Sections

3. Construction Duration

- Slider: Projected Construction Duration

DISTRICT TWO – OVERLAP TOOL SUPPORT

- Chief Engineer: Will Watts
- Director of Transportation Development: Larry Parks
- Program Management Engineer: Jamie Driggers
- Central Office GIS Program members
- Atkins – SNC Lavalin
- Data Transfer Solutions

DISTRICT TWO – OVERLAP TOOL

- What Are Your Questions?

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Program Services Manager

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