

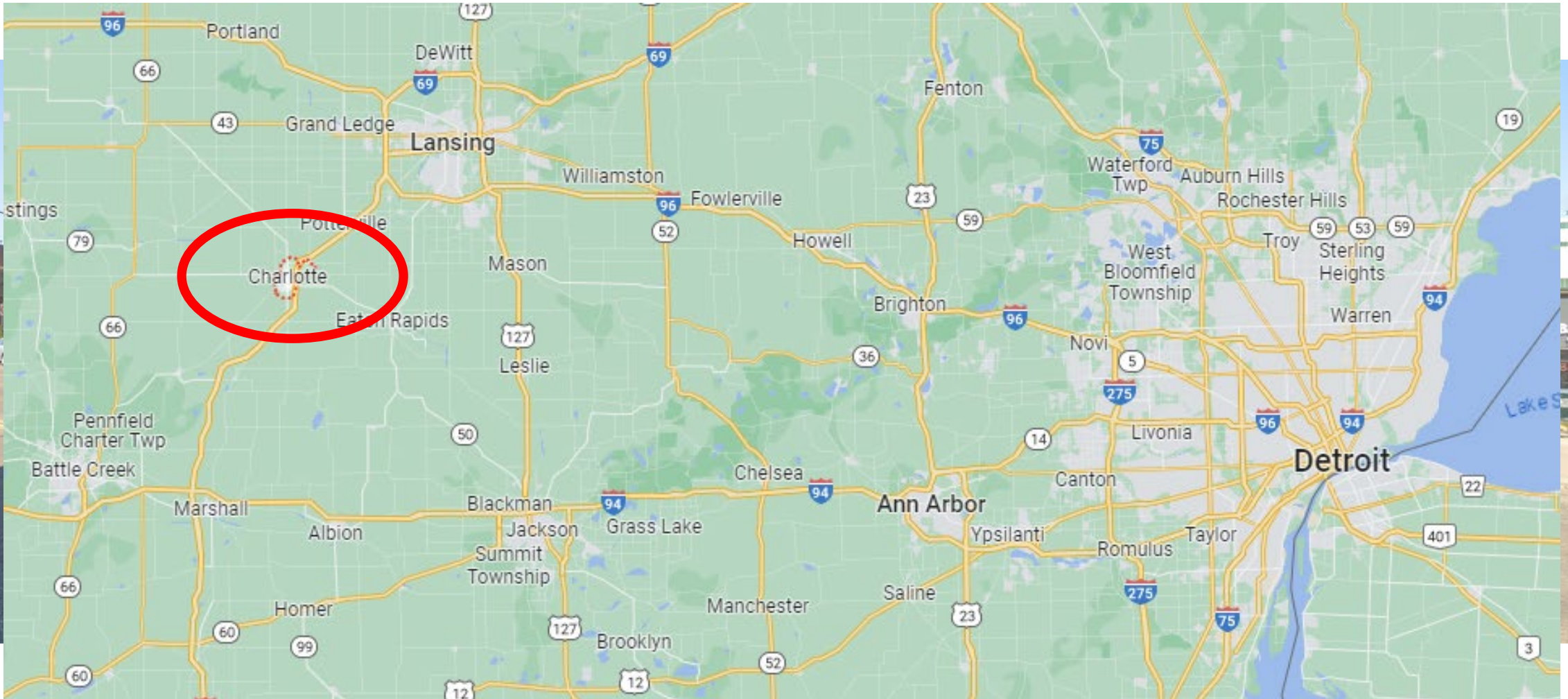
Not to be confused
East of the Mississippi River

Charlotte, Vermont

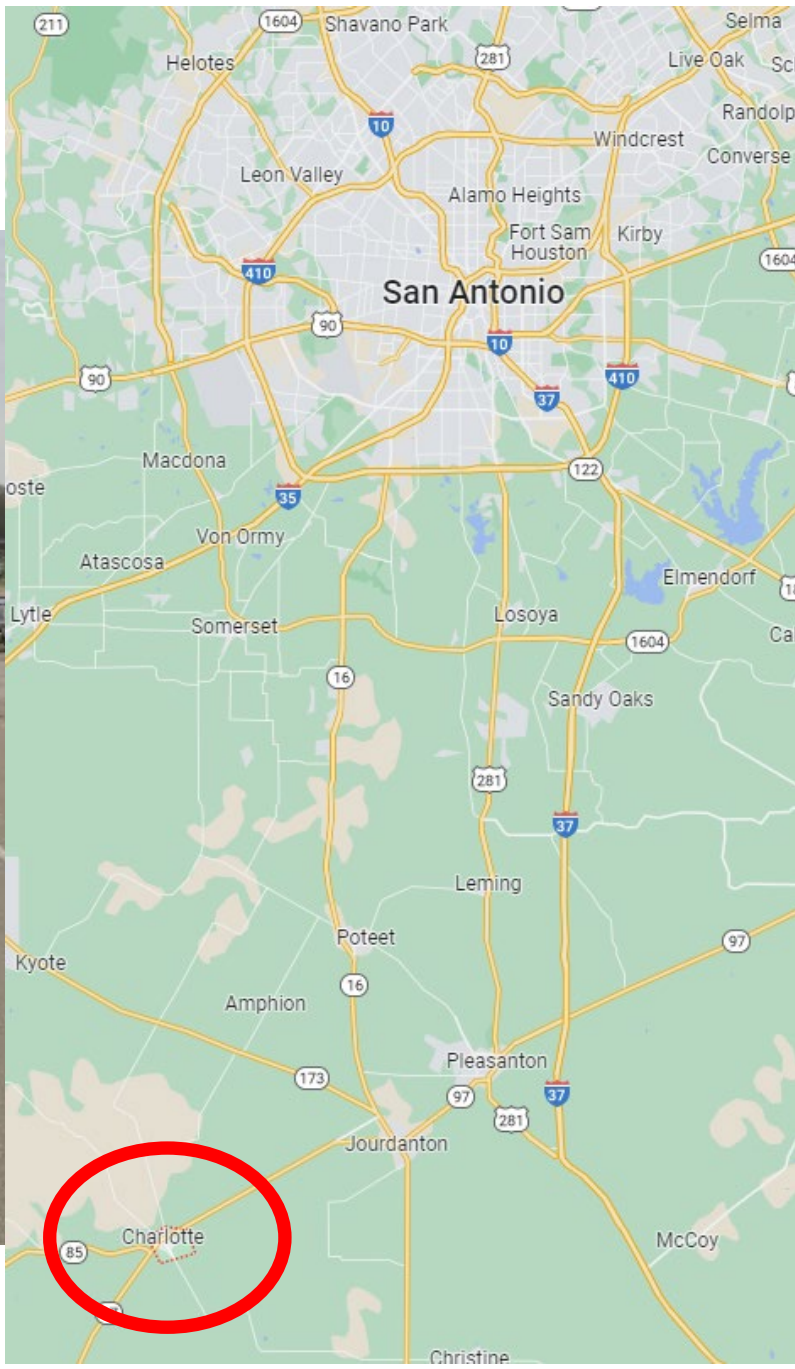


Nor are you in...

Charlotte, Michigan



Nor are you in...



Charlotte, Texas

Nó p Bestvéná hlottet tEC



NASCAR HALL OF FAME

Thank you to our Sponsors



FOREVER LEGENDS

DALE EARNHART JR.

NASCAR

BUFFALO

BUFFALO WILD WINGS

WILD WINGS

WILD WINGS





Mint Museum

Bechtler Museum of Modern Art



Electric Scooters



Greenspaces

A photograph of a city greenspace. In the foreground, a large, well-maintained green lawn is visible. To the right, a prominent bronze sculpture stands on a stone base, surrounded by lush green trees and shrubs. In the background, several modern high-rise buildings with glass facades and brick accents are visible against a clear blue sky with light clouds. A person is lying on the grass in the distance.

ESSEX

BAR & BISTRO

TRACKS
IN
ROADWAY

WATFIELD
6





KOREAN BBQ

NO SMOKING
IN THIS AREA

91



SUKOSHI



LITTLE BUTTERFLY BREAD





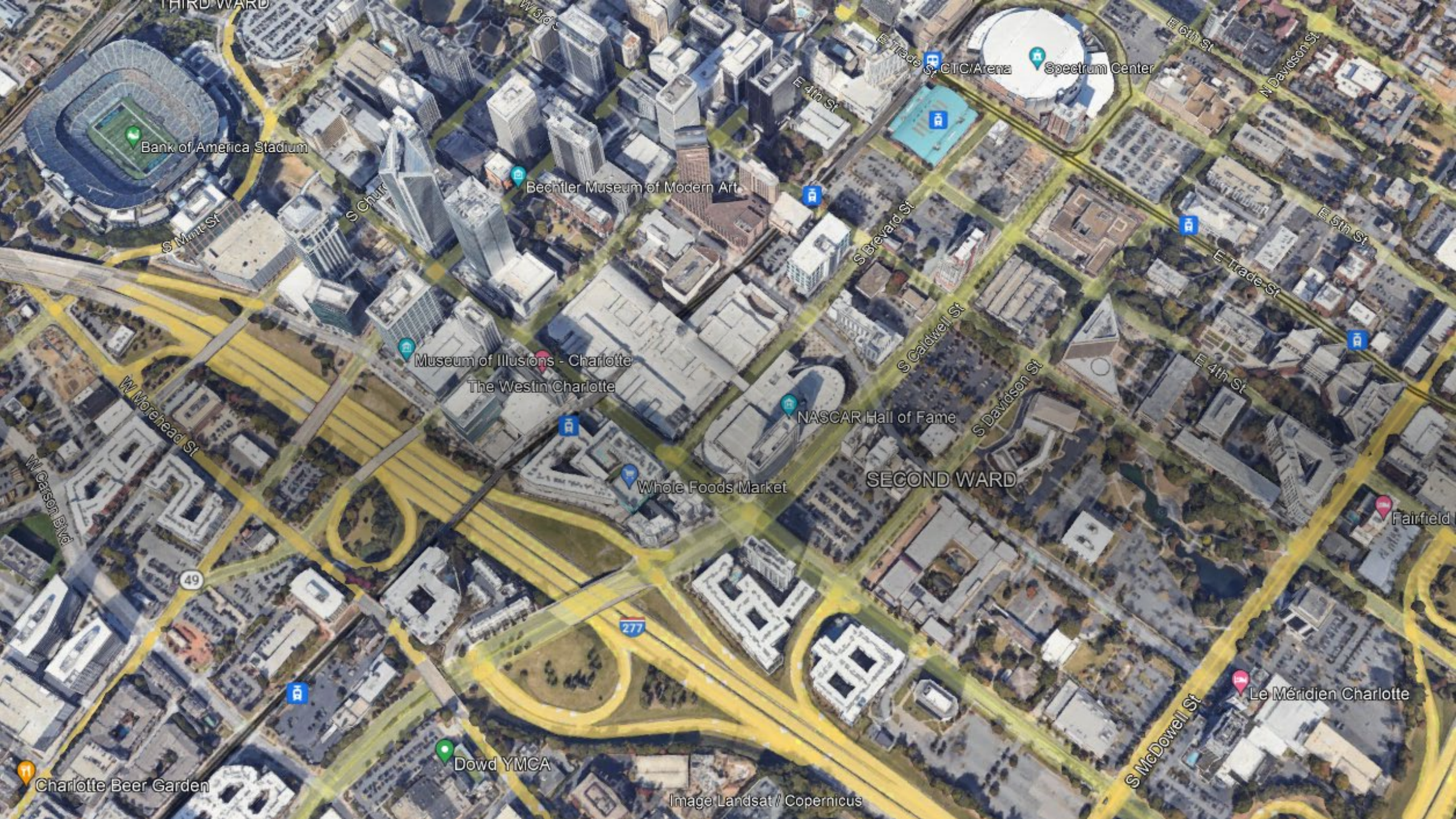
RUTH'S
CHRIS
STEAK HOUSE

RUTH'S
CHRIS
STEAK HOUSE

RUTH'S
CHRIS
STEAK HOUSE



\$



THIRD WARD

Bank of America Stadium

Spectrum Center

Bechtler Museum of Modern Art

Museum of Illusions - Charlotte

The Westin Charlotte

NASCAR Hall of Fame

Whole Foods Market

SECOND WARD

Fairfield

49

277

Dowd YMCA

Le Méridien Charlotte

Charlotte Beer Garden

Image Landsat / Copernicus



Even have an IKEA just 10 miles down the road...

More Intros

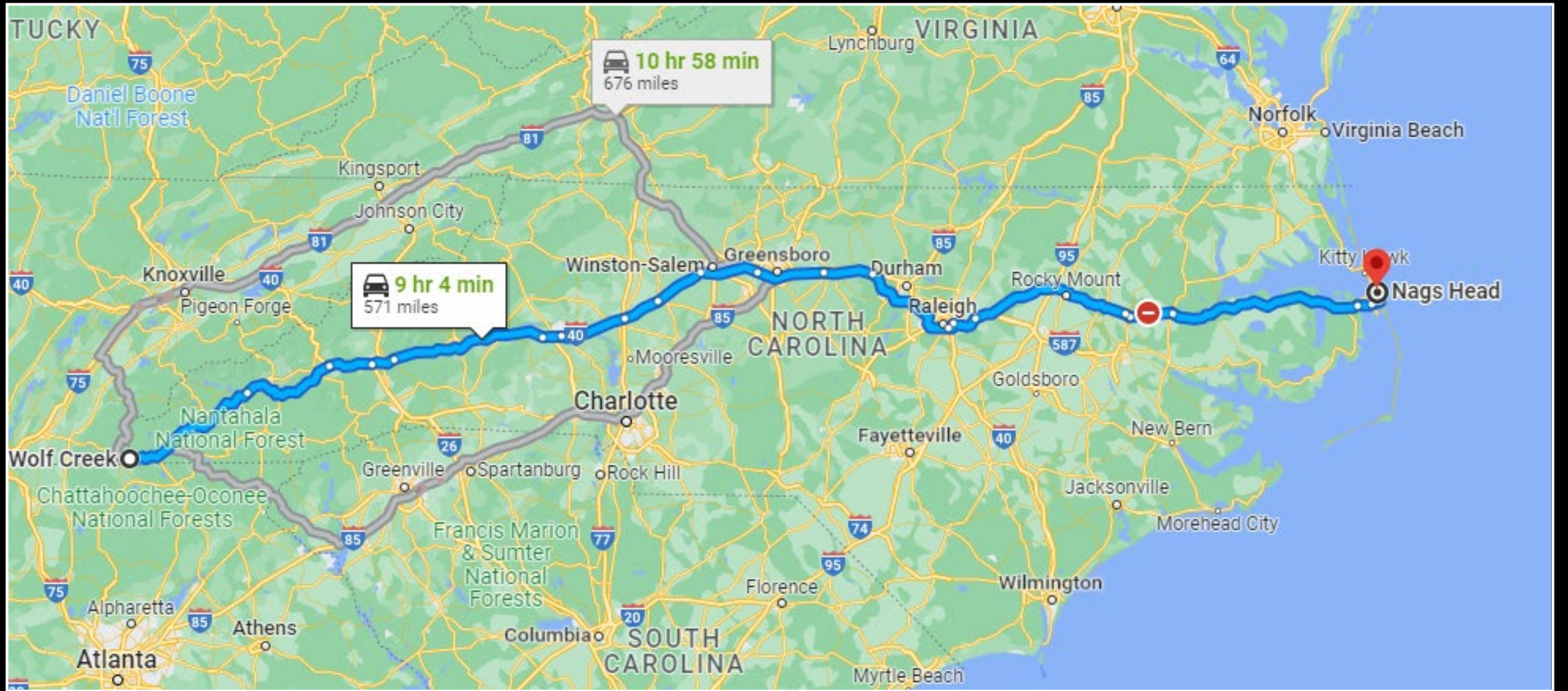
Милитари Архивираност

Chemistry

NY 10014

**All of Us are Here
to Assist You**

North Carolina Fun Facts



Wolf Creek to Nags Head...571 miles

**Highest Elevation
East of the
Mississippi River**

**Mt. Mitchell
Elevation 6,684 feet**

**MOUNT MITCHELL
STATE PARK**

NORTH CAROLINA

INTERNATIONAL BIOSPHERE RESERVE






Tallest Sand Dune on East Coast

**Jockeys
Ridge...Outer
Banks...60 feet tall**





Largest Private Estate in the USA

A fossilized Megalodon shark tooth is shown embedded in a dark, textured rock matrix. The tooth itself is a light, yellowish-tan color with a distinct longitudinal ribbing pattern. The text "State Fossil - Megalodon Shark Tooth" is overlaid in white on the image.

**State Fossil - Megalodon
Shark Tooth**

State Insect – Honey Bee



**NC has a Few
Cool Bridges**



Jug Handle (Rodanthe) Bridge



Marc Basnight Bridge



Surf City Bridge

Full Disclosure...Not a NCDOT Bridge

- National Park Service
- Construction Completed in 1983
- Four years to build
- Cost - \$10 million

Linn Cove Viaduct



Full Disclosure...Not a NCDOT Bridge

- Privately Owned
- Original Bridge Completed in 1952
- Rebuilt in 1999
- Original Cost - \$15,000
- Rebuild Cost - \$300,000

LOAD LIMIT
40 PERSONS
ON BRIDGE AT
ONE TIME

GRANDFATHER
MOUNTAIN
NORTH CAROLINA
MILE HIGH
SWINGING BRIDGE
ELEV 5282



1952

A wide-angle photograph of a suspension bridge crowded with people. The bridge spans a deep, forested valley. In the background, there are large, rocky mountains under a blue sky with some clouds. The bridge has a metal railing and is supported by tall metal towers. The text "At the Weight Limit!" is overlaid in the center of the image.

At the Weight Limit!

**Earlier this year
we lost...**



Dr. David K. Crapps

June 29, 1939 – January 24, 2023

**He was a leader in
the Geotechnical
Engineering
Community**

Georgina Tech
University of
Florida

**Schmertzmann &
Crapps, Inc.**

GPE, Inc.

Accomplishments include...

- **First to use the DMT on a large project in the US (Sunshine Skyway Bridge)**
- **First to build and use (1982) the Shaft Inspection Device (SID) in the US (Sunshine Skyway Bridge)**
- **First to use the Osterberg Cell (O-Cell, bi-directional cell) on a large bridge project in the US**

Dunlawton Avenue Bridge, Port Orange, Florida

- 36 Inch Diameter Drilled Shaft with O-Cell
- 54 Inch Diameter Drilled Shaft with O-Cell
- December 1988 to April 1989

**Played a Major
Role in
Foundation
Practice for FDOT
and Others**

**Authored FDOT
Section 455**

Mentored Many

Some Other Major Bridges...

- **Acosta Bridge – Jacksonville, FL**
- **Buckman Bridge – Jacksonville, FL**
- **Victory Bridge – Chattahoochee, FL**
- **Apalachicola Bay Bridge – Apalachicola, FL**
- **Apalachicola River Bridge – Blountstown, FL**
- **Choctawhatchee Bay Bridge – Freeport, FL**
- **I-10 over Blackwater Bay – Pensacola, FL**

Dr. Schmertmann and
David K. Grapp
as a subtitle group of the
city of the prior part
work in the area create
Lecture
the...

**To Occur in
February of
Each Year**

**At the
University of
South Florida**

**The Endowment
for the Lecture
currently is up
to \$100,000**

Dr. Schmertmann

has pledged to
match donations
up to another

\$50,000

**Please Help by
Contributing to
the Endowment**

Visit...

**<https://giving.usf.edu/online/>
USF Fund # 226068**

To Make a Pledge

STGEC 2023



**We Have a Great
Line up of
Presentations**

**Topics
Include...**

Dynamic Pile Testing

Slopes and Walls

Soft Soil Challenges

Investigation Techniques

Bridge Foundations Challenges

**AASHTO LRFD Chapter 10
Updates**

Workflow, Delivery, and Performance in the Digital Age

Only Possible
~~Implementation~~
Support of...

Welding Technology Diploma

TSGD PUM

Jerry DiMaggio, P.E., D.GE



Keynote Address

**Just about all of
us know Jerry**

**I first met him
about 30 years
ago**

**At a FHWA/NHI
workshop**

**I'm not
unique...**

**He's
published**

He's edited

He's taught

He's consulted

**Definitely
street smart**

**And has great
sense of Humor**

**He's been
recognized with
many awards**

Most recently...

**Wallace Hayward Baker
Award**

Geo-Congress 2023

**It is with great pleasure I
introduce to you our
Keynote Speaker, Jerry
DiMaggio**