



WELCOME

VIRTUAL MEETING WILL BEGIN AT

11:45pm Central

Society of American Military Engineers

Omaha Post

September 14th Meeting



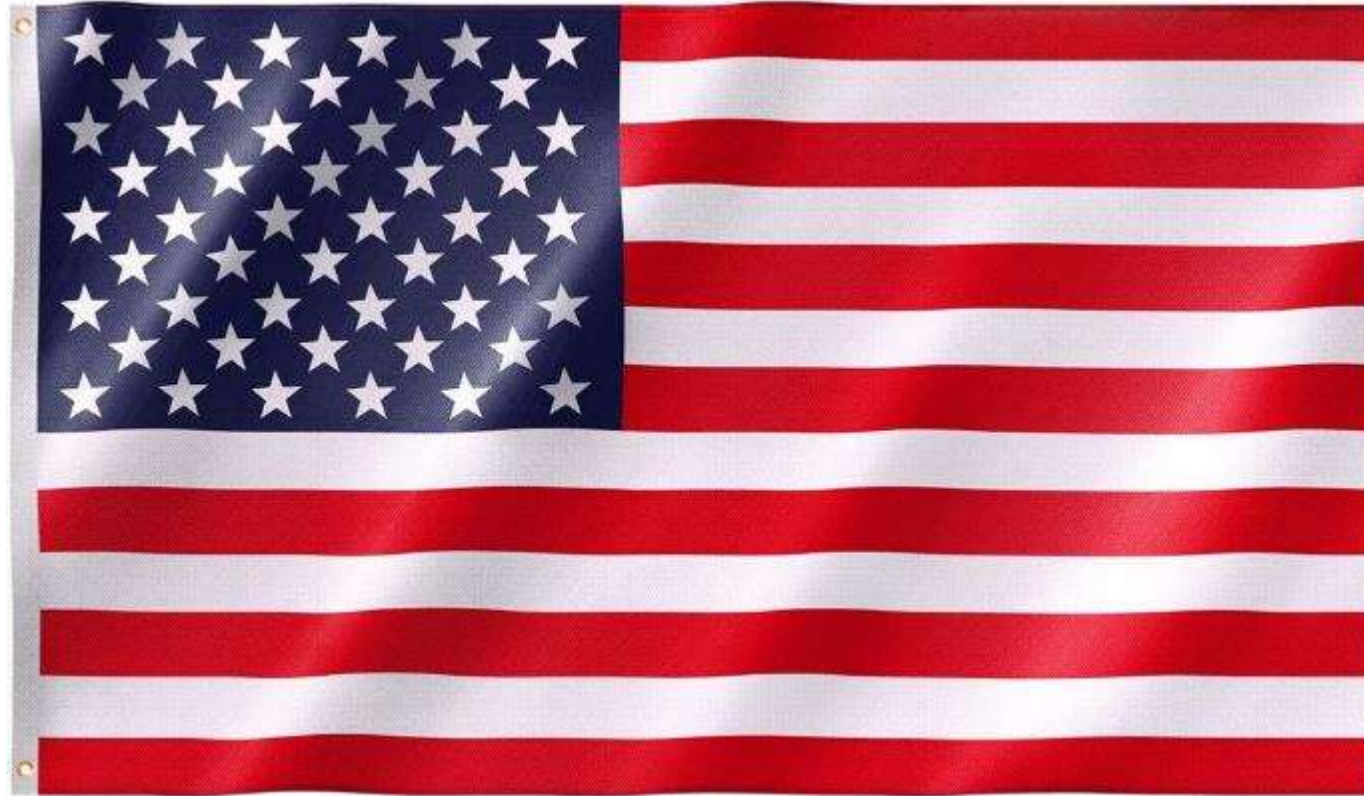
Omaha Post Meeting

**Society of American Military Engineers
Omaha Post
September 14th, 2023 Meeting**

Meeting Agenda

- Pledge of Allegiance
- Invocation
- New Member/ Guest Introductions
- Lunch
- Announcements
 - ▶ President's Report
 - ▶ Scholarship Report
 - ▶ Post Leadership Workshop
 - ▶ Post Website
 - ▶ Student Mentoring Program
- Membership Spotlight
- Presentation
- Q&A
- Split Kitty Drawing
- Closing Remarks

Pledge of Allegiance



I pledge allegiance to the Flag of the United States of America, and to the Republic for which it stands, one Nation under God, indivisible, with liberty and justice for all.

Invocation

Please remain standing

Introductions

- Welcome to New Members
- Introduction of Guests

Lunch

Dismiss by table

Announcements

- **October Membership Meeting**
 - ▶ October 10, 2023 @ Field Club
 - ▶ Topic: Solar Energy – Michael Shonka

 - **November Membership Meeting**
 - ▶ October 10, 2023 @ Field Club
 - ▶ Topic: Perkins County Canal – Tom Riley, P.E.,
Director-Nebraska Department of Natural Resources
-

Announcements

- **President's Report**



New Student Chapter Scholarship

- **Up to four \$2,000 scholarships**
- **Awarded to members of our Student Chapters (MCC, UNO, and UNL)**
- **Applications available on website and due by the end of October.**
- **Award in November 2023**



Post Leadership Workshop 2023

Post Leadership Workshop 2023



Post Leadership Workshop 2023



Post Leadership Workshop 2023



Post Leadership Workshop 2023



Announcements

- **Post Website**

- ▶ www.same.org/Omaha

- **Student Mentoring Program**



Membership Spotlight

Conti[®] Federal

Capabilities Briefing

September 2023

Conti[®] Federal
Done Once. Done Right.

Conti Federal



Tony Conti ("Honest Tony") immigrated to the US and started T.N. Conti & Sons, building stonewalls, steps, and patios

The Beginning
1906



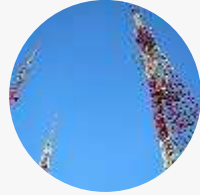
Gerald's son, Nat, formed Conti Construction Company, services offered by constructing channels and culverts, large sewer systems, as well as plowing snow.

Conti Construction Company
1959



Kurt G. Conti, in close collaboration with the Management Team, seeks to turn Conti from a local contractor, into an industry leader, along with a focus on serving the US federal government.

4th Generation of Ownership
1990



Building cellular communication towers up and down the eastern seaboard, Conti Communications is launched. It is later sold to Quanta Services in 1999.

Conti Communications
1996



The company embarks upon new terrain with their first project in the solar industry. Conti continues to serve the solar industry for nearly 20 years until selling CS Energy in 2021.

Embarking on Solar
2002



Conti completes its first international projects in Guam and Spain. Picture here is Andersen Air Force Base in Guam.

Conti Goes International
2008



Conti Federal wins our first contract in Israel., with an office located in Omer.

Conti Federal Enters the Middle East
2011



Originally called BuildSourced, a technology company revolutionizing industrial asset tracking and analytics, in 2017 to become Tenna

Tenna Gets Its Start
2015



Company Diversification
2020



Conti Federal Opens Midwest Office
2022

1938 Conti Contractors
Tony's son, Gerald, started Conti Contractors, spanned from constructing sewers and small roads to waterproofing basements

1979 Conti Goes Environmental
Conti establishes itself as an environmental contractor, DOE, FUSRAP,



1991 Conti Enterprises, Inc.
Conti Construction Co., Inc. is officially renamed to Conti Enterprises, Inc. Today, the company is known as Conti Civil.



1998 Conti Federal Services
Despite doing federal work since 1990, Conti earns its first federal prime contract as Conti Federal Services.



2006 100 Years
Conti celebrates 100 years of delivering high-quality projects



2010 New Orleans Office
Conti Federal opens a New Orleans office to service the U.S. Army Corps of Engineers the Southeast Louisiana Urban Flood Control Project



2014 Project of the Year
Conti Federal earns Project of the Year in Specialty Contracting from Engineering News-Record for our Hurricane Sandy disaster relief efforts. Conti companies have earned more than 25 Best Project awards since 2003..



2017 The Conti Group
The Conti Group is formally organized into a holding company.



2021 Conti Federal Moves Headquarters. To Orlando, FL



Conti Federal
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Conti Federal

GLOBAL PROJECT EXPERIENCE

5 CONTINENTS
250+ PROJECTS OR TASK ORDERS

Our Tagline “Done Once, Done Right” isn’t just something we say – it’s how we deliver.



Nearly 9 out of 10 projects have received a CPARS of **exceptional or very good**

MID-SIZE FIRM SPECIALIZING IN THE FEDERAL SECTOR

Experience	Agility
Flexibility	Focus
Design-Build	Self-Perform

Bonding Capacity

\$1.5B Aggregate
\$650M Single Project

PROJECT EXPERTISE

Military Construction & Critical Infrastructure	Environmental Remediation
Secure Construction	Disaster Response & Recovery

Conti Federal
Done Once. Done Right.

The Conti Difference

We think and execute **big**, while retaining the **agility**, **efficiency**, and **responsiveness** of a small firm.



Commitment to the USACE Omaha District

Omaha District Commitments to Growth

- Focus Installations / Weapon Systems
 - F.E. Warren AFB / GBSD Sentinel Program
 - Ellsworth AFB / B-21 Program
 - Minot AFB / GBSD Sentinel Program
 - Grand Forks AFB / Disaster Response Program
 - Unrestricted RDI Program
- Regional Office in Rapid City, SD
 - European Regional Manager in Naples
 - 4 Current Projects
 - 4 Under Pursuit; 4 Pending Projects
- Strategic Omaha District Partners
 - A/E Design
 - Local Construction
 - Sitework, Concrete, MEP, Interiors

Experience

Conti[®] Federal
Done Once. Done Right.

Military Construction & Critical Infrastructure

New Construction

- Hangars
- Administrative facilities
- Harden facilities
- Ammunition storage facilities
- Squadron operations
- Simulators
- Sensitive Compartmented Information Facility (SCIF)
- Energy centers
- Training facilities

Facility Restoration/ Modernization

- Historical renovations
- Facility interior upgrades
- Roof replacement
- Electrical upgrades
- Mechanical upgrades
- Plumbing upgrades
- Fire detections & extinguishing system
- Blast windows & doors
- Coordination and work in active buildings



F-35 Hardened Aircraft Shelter

Owner: USACE Europe

Location: Israel

Secure Construction

Sensitive and Secure Areas

- Sensitive Compartmented Information Facility (SCIF)
- MEP installation/ upgrades
- Fire detection/protection
- Facility interior upgrades
- Historical renovations
- CBRN filtration systems
- Coordination and work in active buildings
- Intrusion detection/ access control systems

Anti-Terrorism/ Force Protection

- Blast windows and doors
- Security shelters
- Emergency egress tunnel
- Vehicular/personnel gates and barriers
- Fixed/retractable bollards
- Security kiosks
- Security buoys
- Access control points
- Perimeter fence



Senate Park Perimeter Security
Owner: Architect of the Capitol
Location: Washington, DC

Environmental Remediation

- Testing, investigation and characterization
- Landfill closure (soil/liner)
- Groundwater treatment system
- In-situ soil-vapor extraction/treatment
- Multi-media remediation
- Radiological
- Facility decontamination/
decommissioning/ demolition
- Transportation & disposal
- Wetlands restoration
- Slurry wall installation
- UXO removal



Hopewell Precision Superfund Site
Owner: USACE Kansas City
Location: Hopewell Junction, NY

Conti Federal is a small business enterprise under NAICS 562910

Conti Federal
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Disaster Response and Recovery

- Emergency response
- COVID-19 Alternate Care Facilities
- Temporary housing
- Remediation and hazardous waste disposal
- Shelter in Place
- MEP systems resiliency
- Coastal restoration
- Infrastructure and residential damage assessment
- Wind mitigation and hurricane retrofits
- Time-critical infrastructure repair
- Structural repairs & reconstruction
- Interior finish restoration and replacement
- Emergency power generation



COVID-19 Alternate Care Facility
Owner: USACE Philadelphia
Location: New Bergen, NJ

Current Projects

Conti® Federal
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Omaha District Contract Vehicles

Current Omaha District Contracts

- Truax Field F-35 Fighter Alert Shelter
- F.E. Warren AFB Helo/TRF Ops/AMU and Alert Facility
- Fort Liberty Barracks Restoration – RDI MATOC
- Ellsworth AFB B-21 RF Hangar

Pending/Upcoming Omaha District Contracts

- Under Pursuit
 - Grand Forks AFB Disaster Response Program Formal Training Unit Bldg 631
 - Ellsworth AFB B-21 Weapons Loader Training Facility
 - FE Warren AFB GBSD Integrated Command Center
 - FE Warren AFB GBSD Missile Handling Complex
- Pending
 - Ellsworth AFB Phase Maintenance Hangar
 - Ellsworth AFB Fuels System Maintenance Dock
 - Consolidated Maintenance Training Facility
 - GBSD Integrated Training Center

Current Projects



D/B Fort Bragg Barracks Renovation
Owner: USACE Omaha (RDI)
Location: Fort Bragg, North Carolina
Value: \$69,364,902



F-35 Simulator & Squadron Ops
Owner: NAVFAC Southeast
Location: NASJRB Ft Worth, Texas
Value: \$26,908,666



D/B Edinburg Levee Repair
Owner: USIBWC
Location: Edinburg, Texas
Value: \$6,498,887



F-35 Fighter Alert Shelter
Owner: USACE Omaha
Location: Truax Field, Wisconsin
Value: \$20,243,914



Jersey City Med Center Flood Control
Owner: RWJ Barnabas Health (FEMA)
Location: Jersey City, New Jersey
Value: \$35,056,313

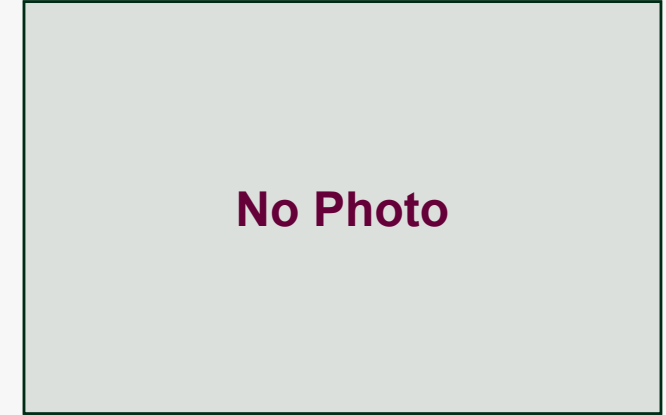
Current Projects



AFSOC Special Tactics Operations
Facility Owner: USACE Mobile
Location: Hurlburt Field, Florida
Value: \$49,781,343



AFLCMC-WAG Building Renovations
Owner: USACE Tulsa
Location: Tinker AFB, Oklahoma
Value: \$69,364,902



No Photo

Renovate F-35 Maintenance Hangar
Owner: US Air Force Reserve
Location: NASJRB Ft Worth
Value: \$8,445,000



Helicopter Operations Alert Facility
Owner: USACE Omaha
Location: F.E. Warren AFB, Wyoming
Value: \$124,733,987



Burnt Fly Bog OU3 Remedial Action
Owner: USEPA RES
Location: Marlboro, New Jersey
Value: \$867,138

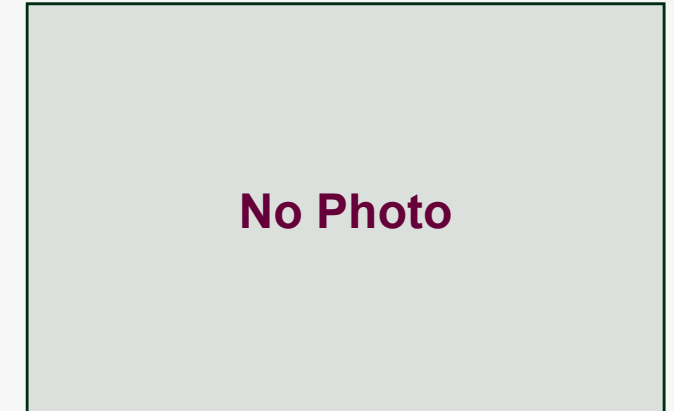
Current Projects



Site 532
Facility Owner: USACE Europe
Location: Israel
Value: \$17,766,104



Site 417 Hardened Aircraft Shelter
Owner: USACE Europe
Location: Israel
Value: \$84,430,404



B-21 RF Hangar
Owner: USACE Omaha
Location: Ellsworth AFB, South Dakota
Value: \$70,260,244



Naples C4I Renovation
Owner: NAVFAC EURAFCENT
Location: Naples, Italy
Value: \$34,286,472



Joint Intelligence Center Renovation
Owner: NAVFAC (GCC Jacobs)
Location: Sigonella, Italy
Value: \$26,865,321

Conti[®] Federal

Done Once. Done Right.

Contact

Ryan Kanzleiter, PMP, DBIA, CQM

Regional Business Development Direct

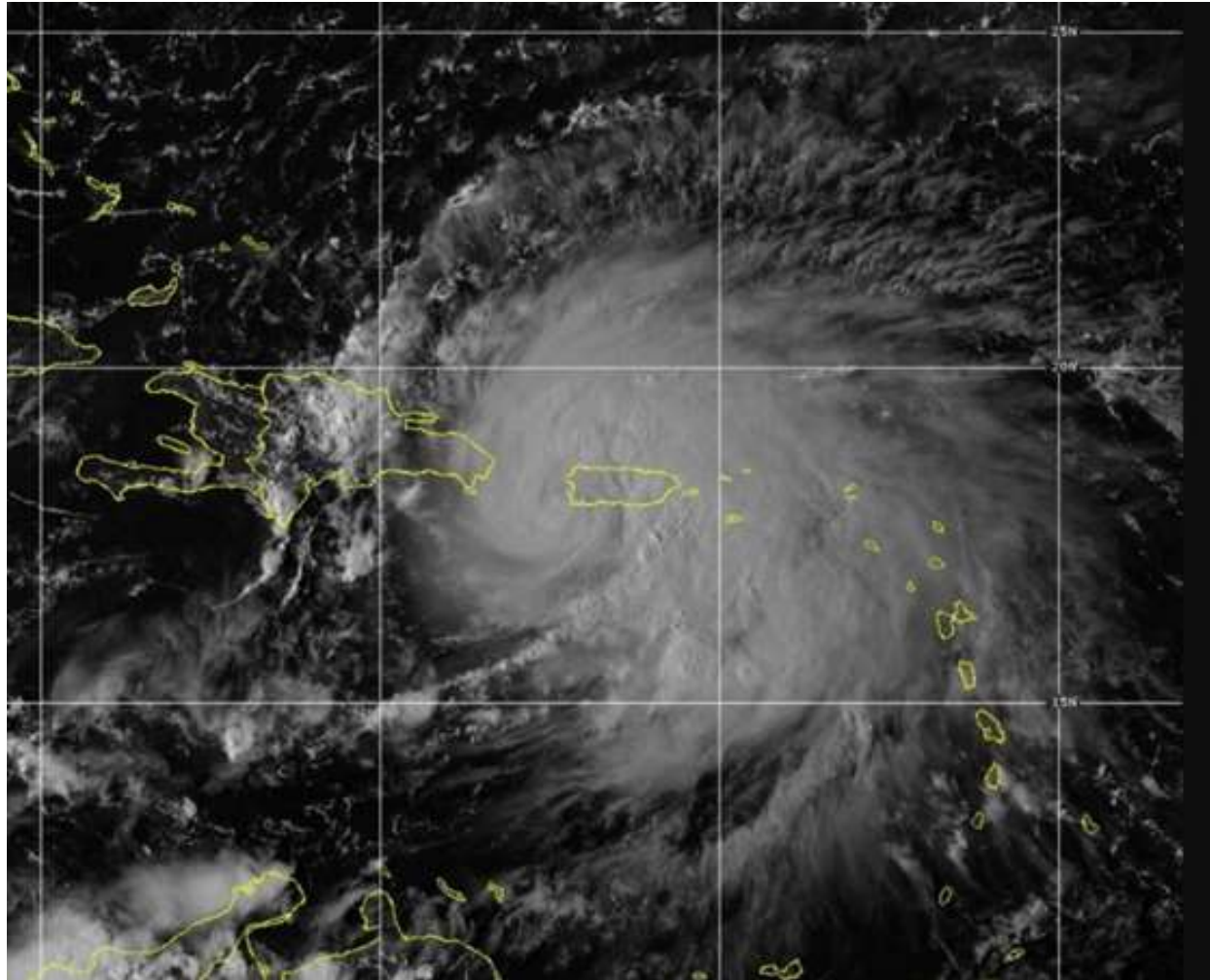
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www.contifederal.com

Hurricane Fiona Impact

**Scott R. Perkins,
Business Development Director,
Prairie Engineers, P.C.**

MEASURING HURRICANE FIONA'S IMPACT FROM A SURVEYOR'S PERSPECTIVE



https://upload.wikimedia.org/wikipedia/commons/f/fc/Fiona_Puerto_Rico_landfall.gif





**US Army Corps
of Engineers** ®
St. Louis District



USACE IS THE CLIENT, TWM IS THE PRIME, AND PRAIRIE WAS A SUBCONTRACTOR TO TWM

SEPTEMBER 17-19TH FIONA HIT PUERTO RICO ON SEPTEMBER 23 WE RECEIVED THE PHONE CALL



S.O.W.



Collect bathymetry of the area



Investigate any scouring around the bridge piers



Delineate High Water Mark and Edge of Water Mark

5 NUMBERS THAT SHOW HURRICANE FIONA'S DEVASTATING IMPACT ON PUERTO RICO

SEPTEMBER 23, 2022 7:46 AM ET

BY

JACLYN DIAZ



1. Some areas of Puerto Rico got over 30 inches of rain
2. Dozens have to be rescued by the National Guard
3. More than 900,000 are still without power
4. Hundreds of thousands are still without water
5. Puerto Rico's economy could take a multibillion-dollar hit



S.O.W. LOCATIONS

- Arecibo Fiona
- Rio Nigua Fiona
- Guanajibo Fiona



THE PLAN

Mobilize

- Fly personnel to San Juan, Puerto Rico on 26th September 2022. Ship GPS survey gear, drone & sonar via air freight.

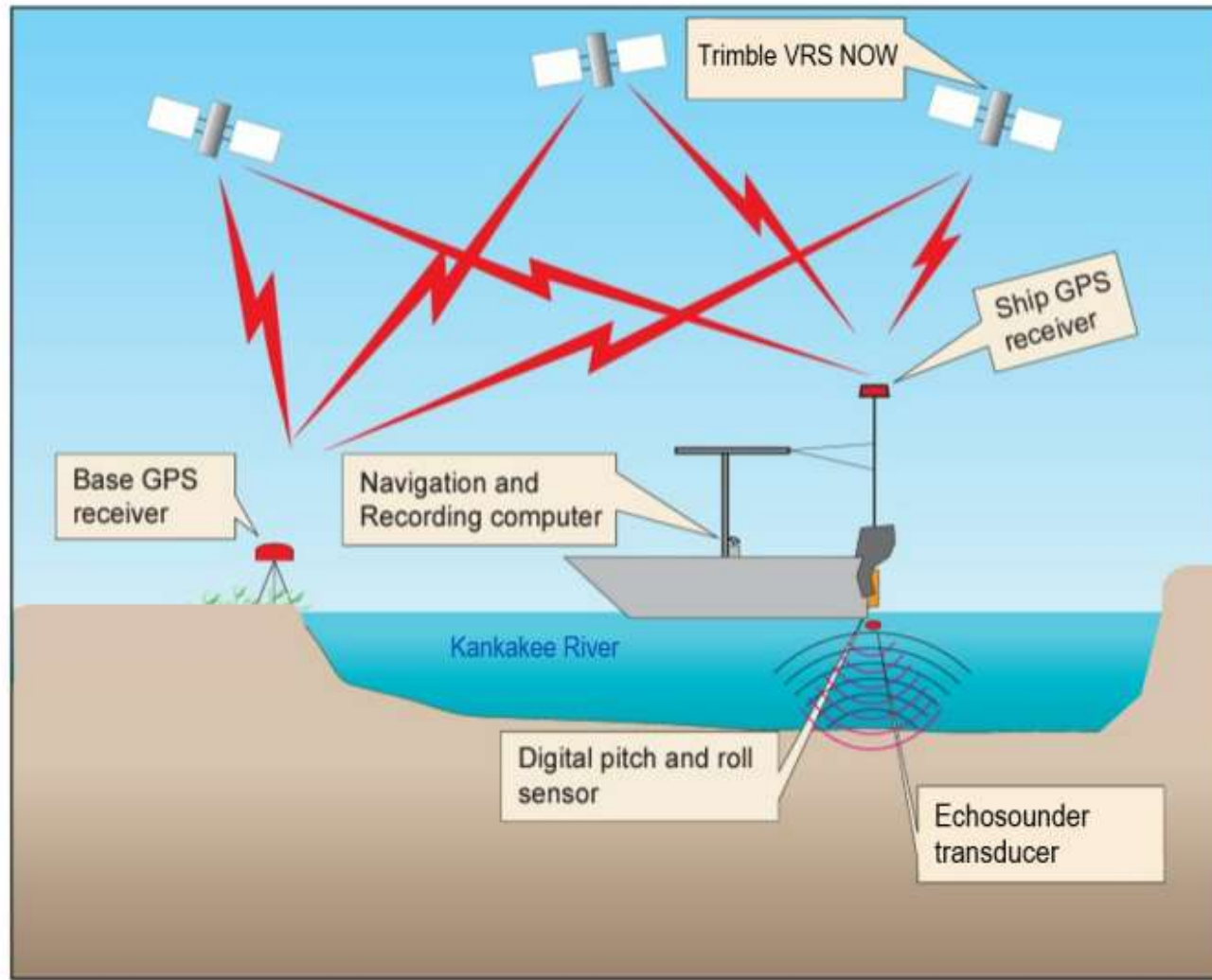
Recon

- Obtain a boat & motor locally on site then conduct safety recon of the project site using the drone.

Execute

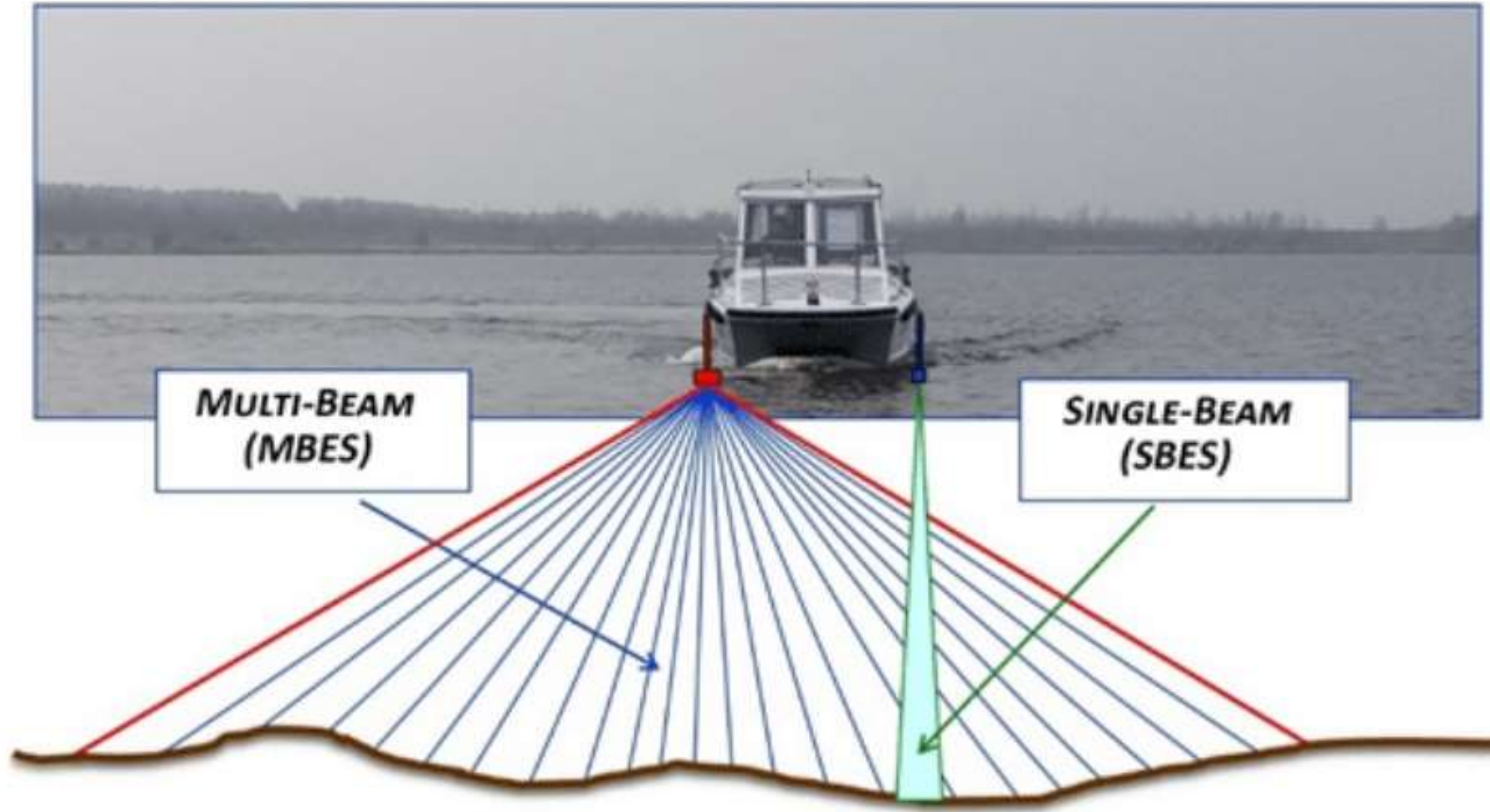
- Obtain bathymetry using multibeam sonar if possible, if not manual GPS pole sounding of water depths High Water marks and Edge of Water marks.

FUNDAMENTALS OF BATHYMETRY COLLECTION



Multibeam or Single Beam Survey for Your Project?

Blog



What we normally use is this 28' enclosed cabin vessel

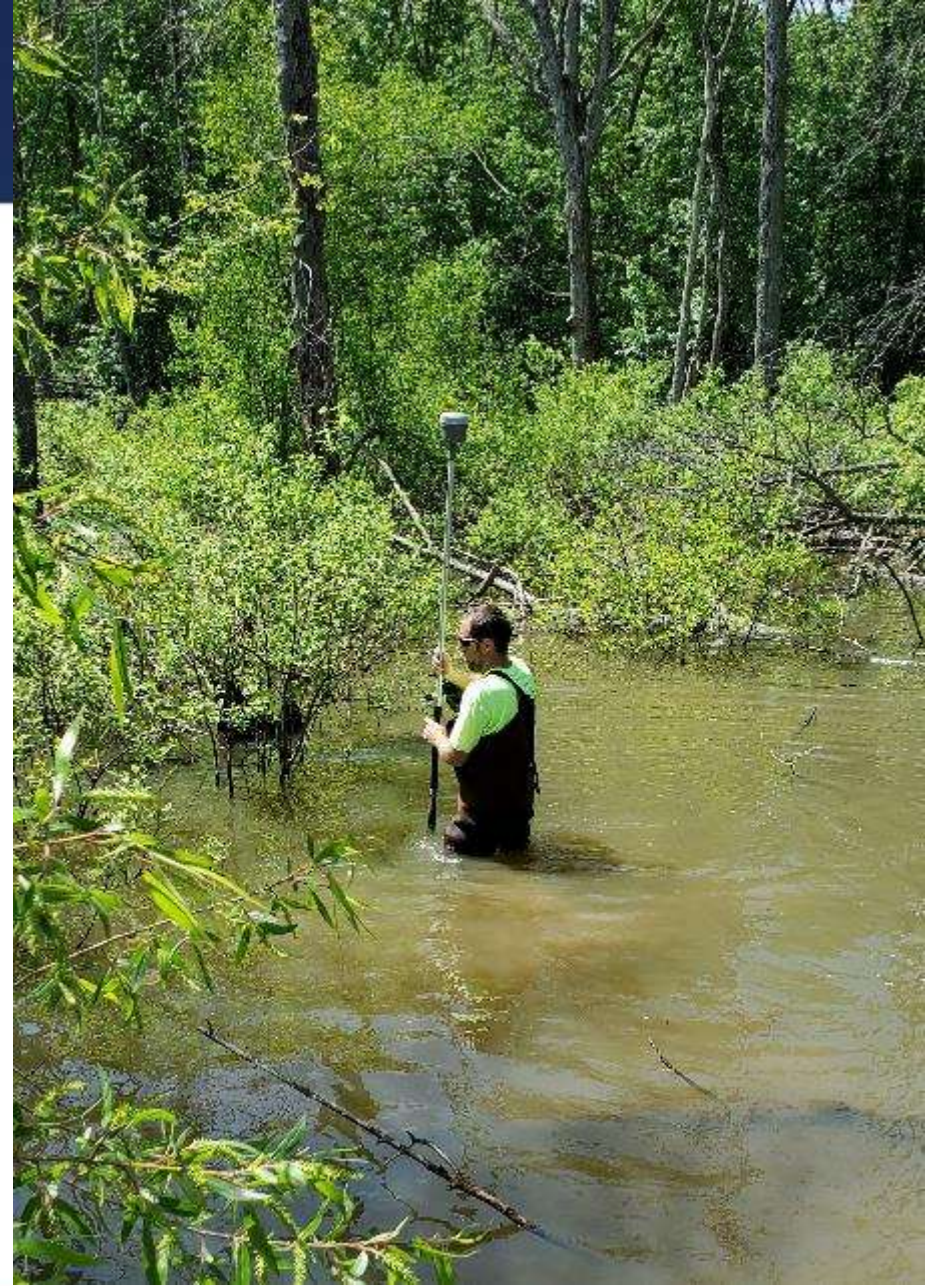


What we found available was this 12' jon boat...

rented a small rental truck, bought a gas generator & lawn mower battery and went to work



POLE SOUNDING





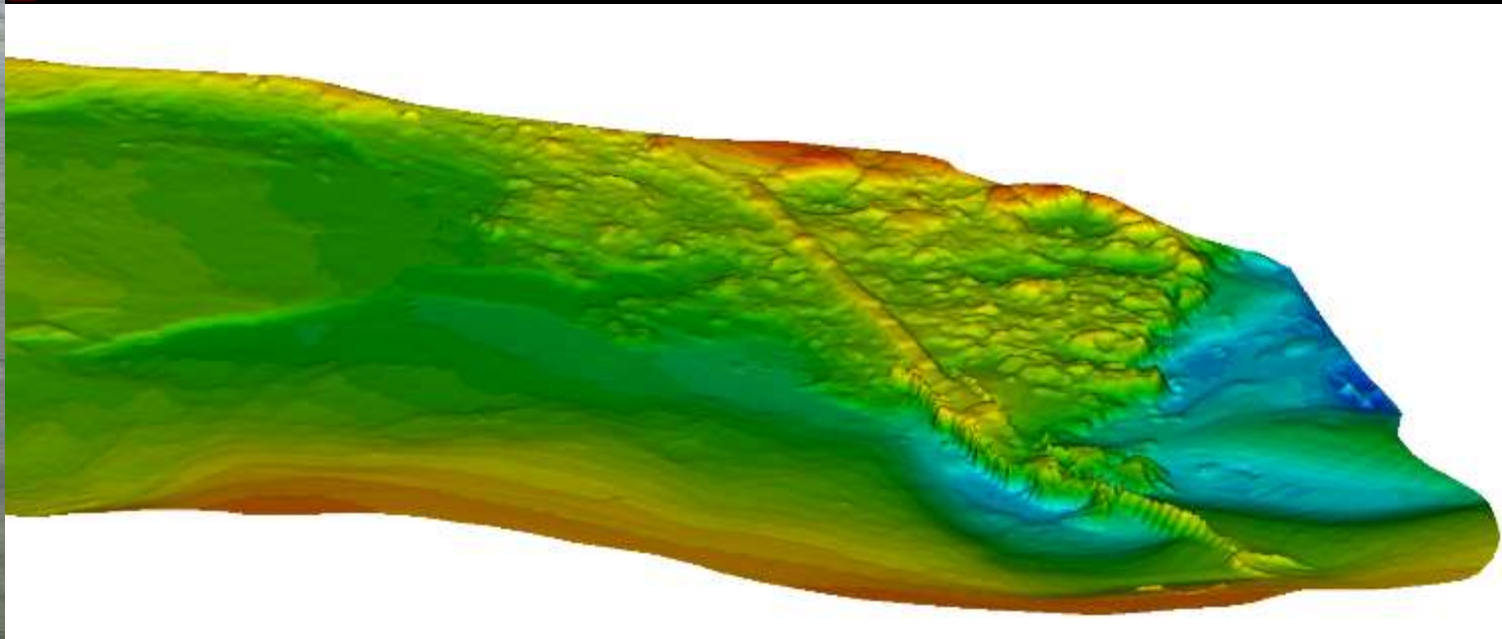
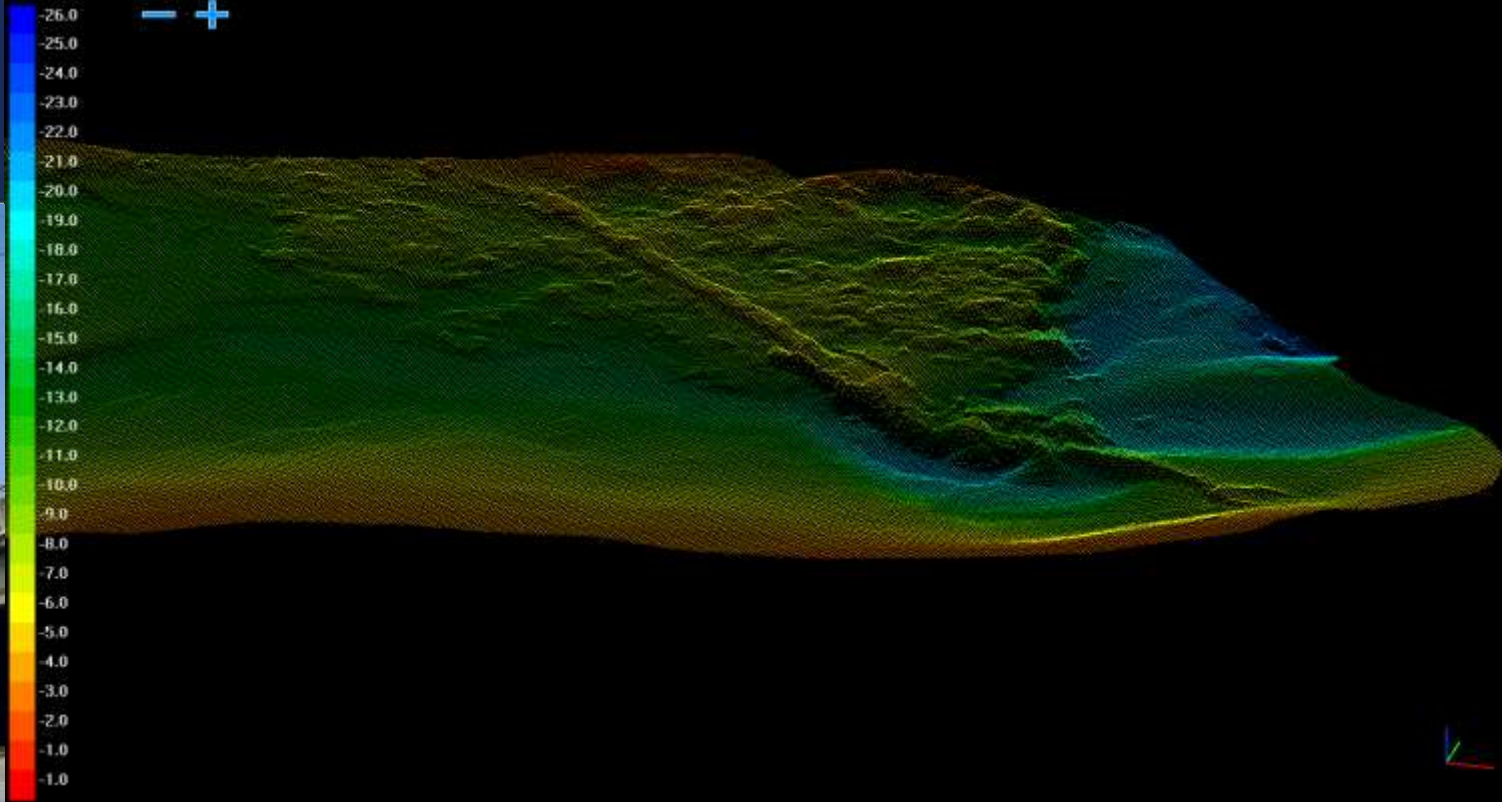
Strong Current with swell at the bridge in Arecibo Fiona

**The boat ramp was damaged
but useable**



1ST DEPLOYMENT OF THE BOAT





Rio Nigua Fiona required a combination of sonar & manual pole sounding



Rio Nigua Fiona required manual pole sounding

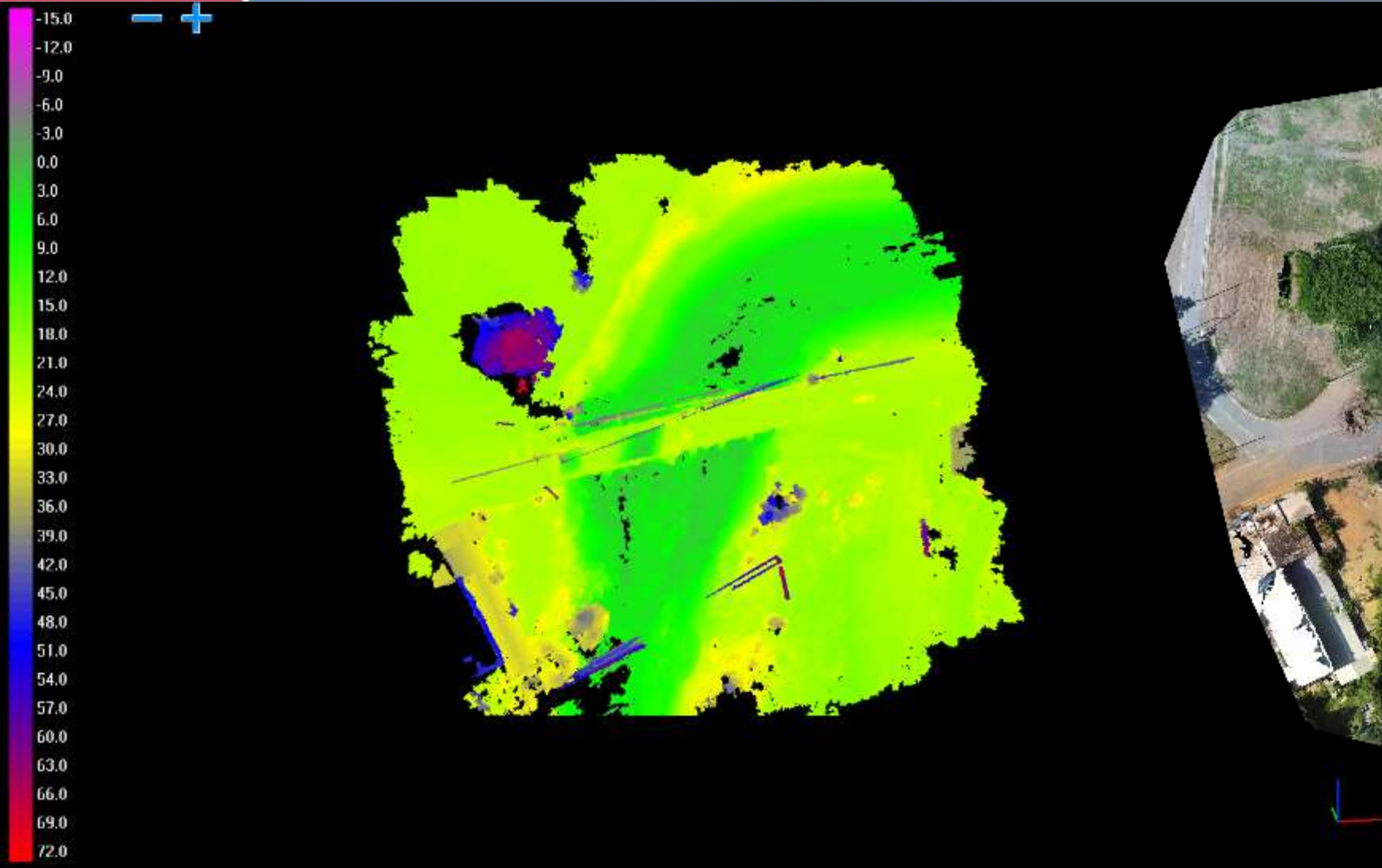






Sometimes it's the unexpected things; like seeing a ghost of a surveyor in your ortho

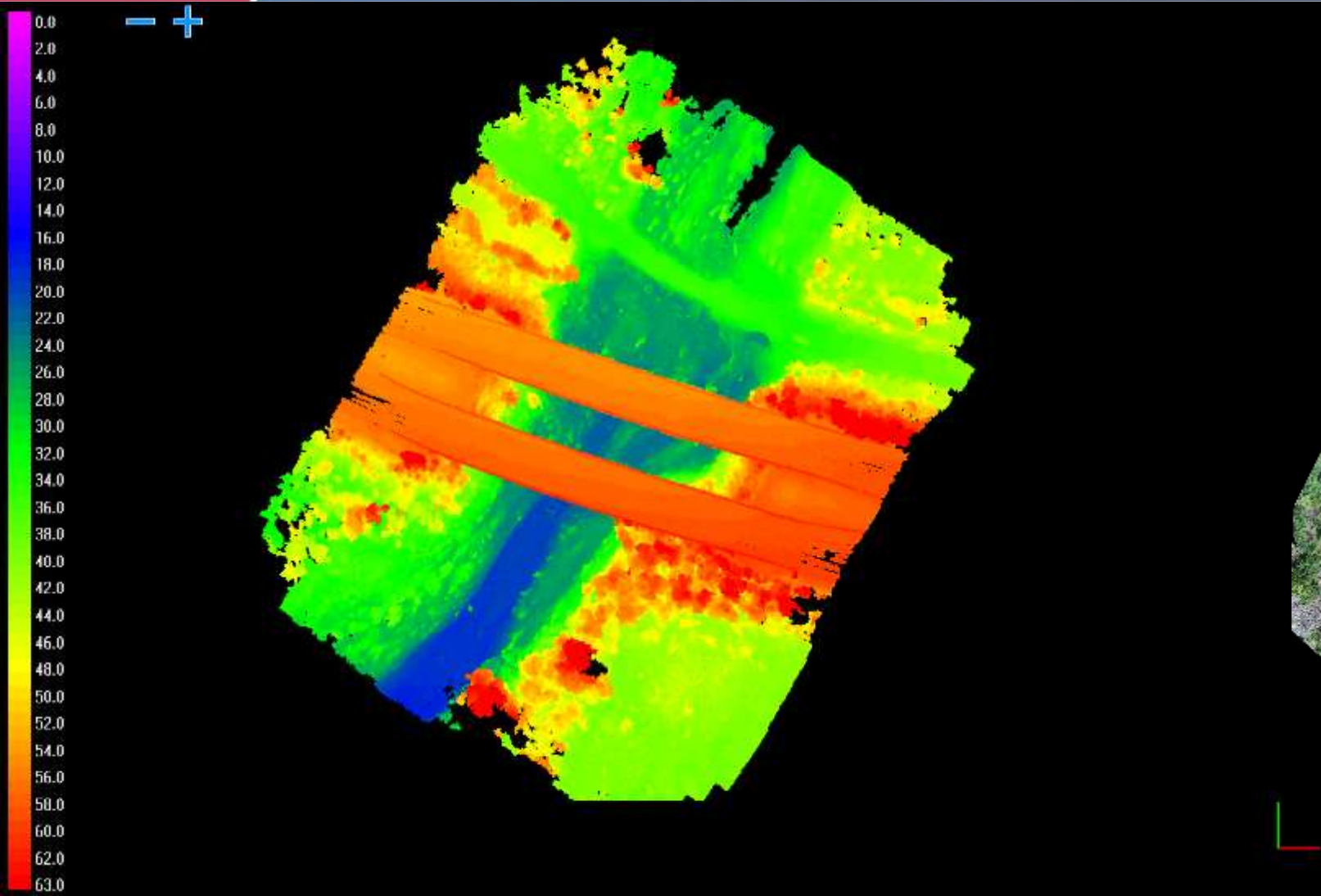


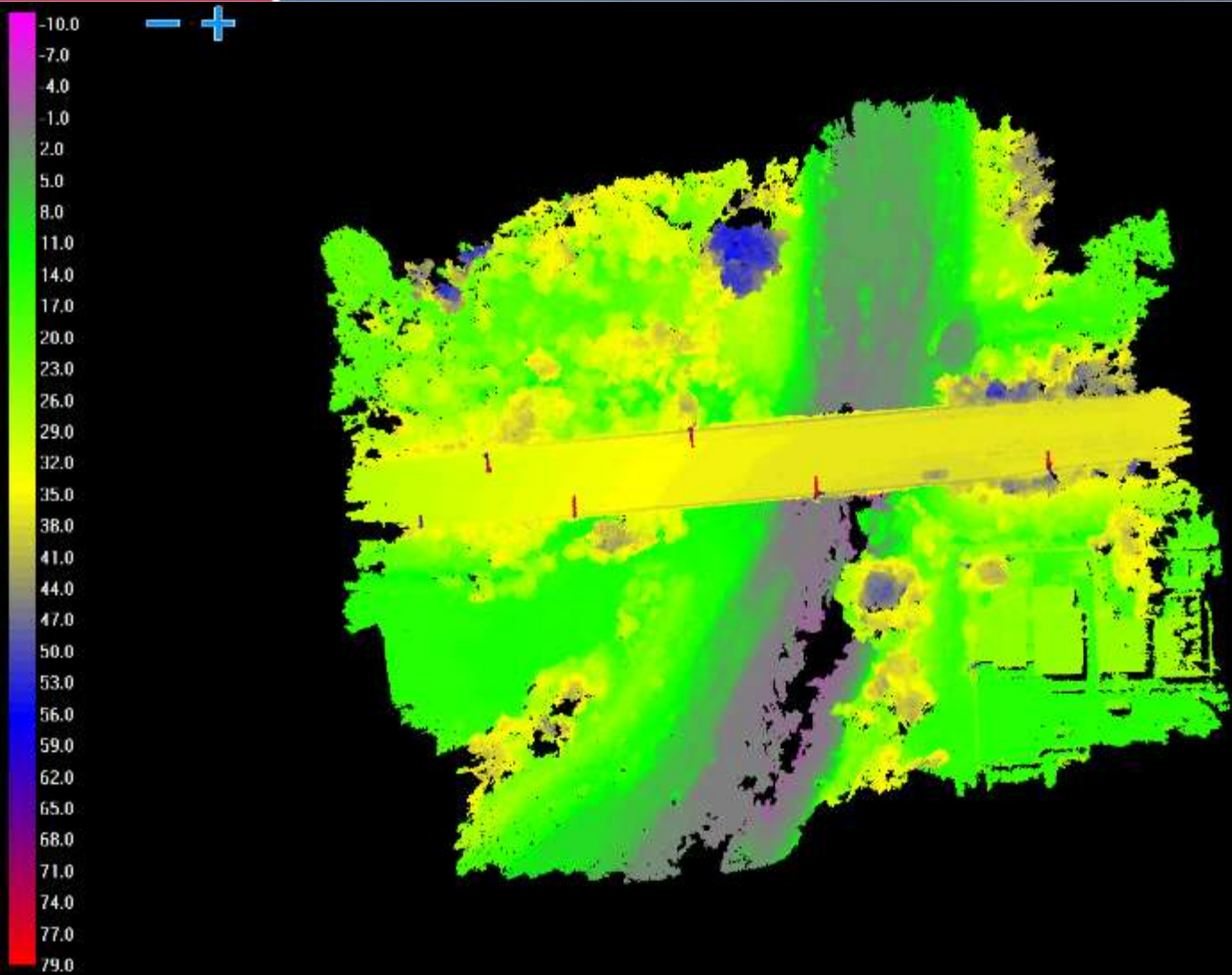




Can't deploy boat or collect sonar here either







GUANAJIBO BOAT RAMP



Too Shallow for Multibeam Sonar. Good Enough for Pole Sounding.



To Use Topographic Technique at Rio Nigua Fiona





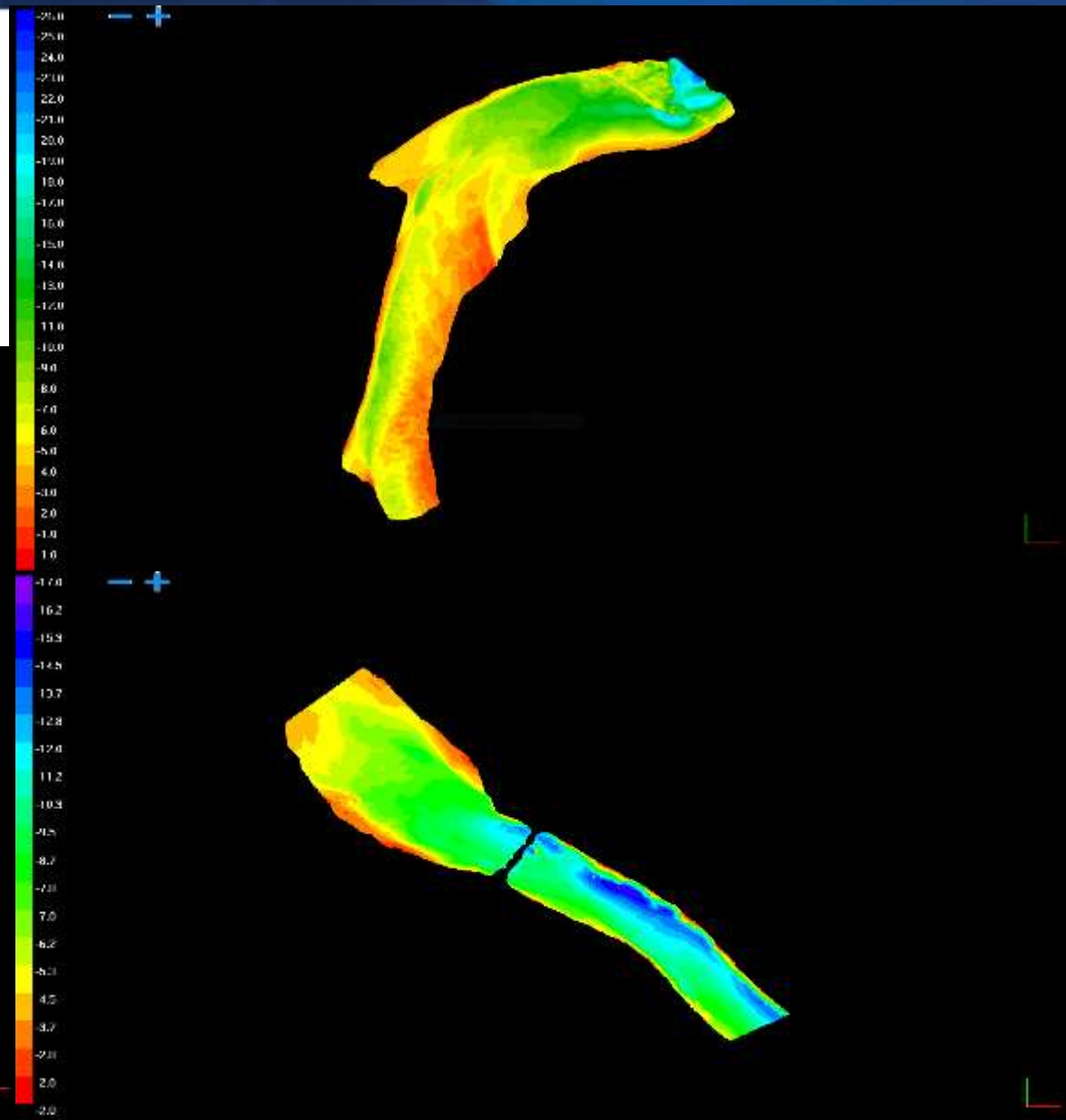
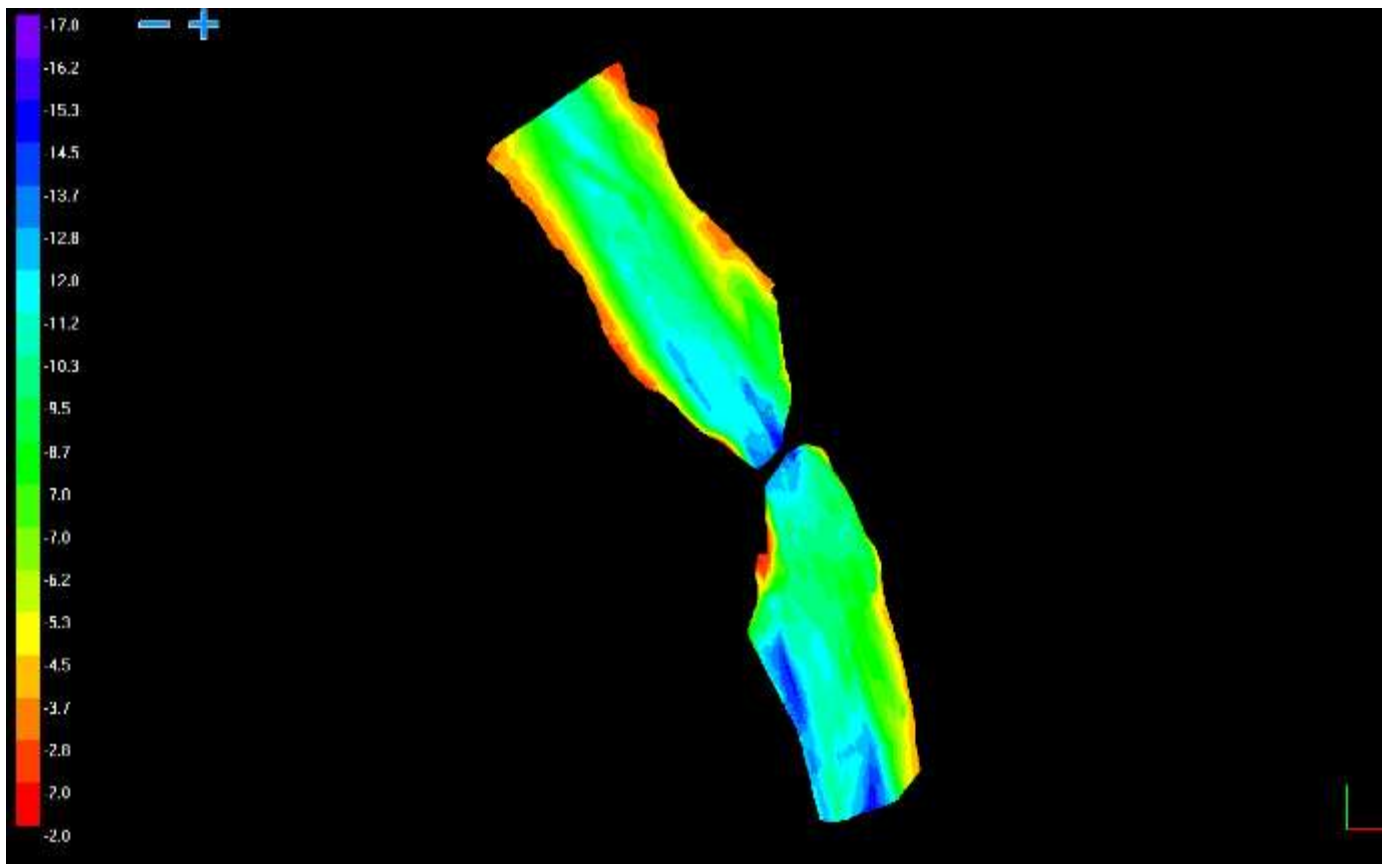
Bridge Clearance at Guanajibo Fiona



THE END RESULT:



HYPACK
a xylem brand



A FEW PREVIOUS DISASTER RESPONSE PROJECTS

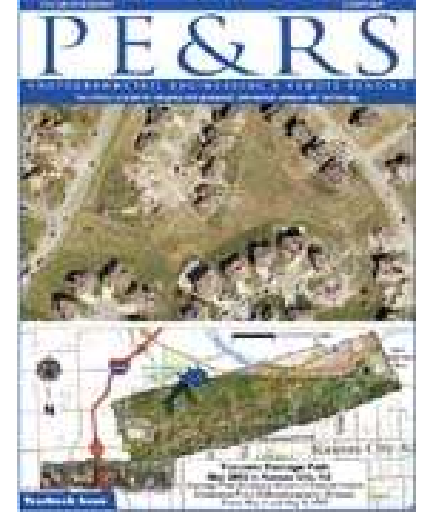
1999 KC, MO



1993 Missouri River



2003 KC, KS & MO



2008 Cairo, IL



2008 Rock River, Quad Cities



2008 Mark Twain Dam



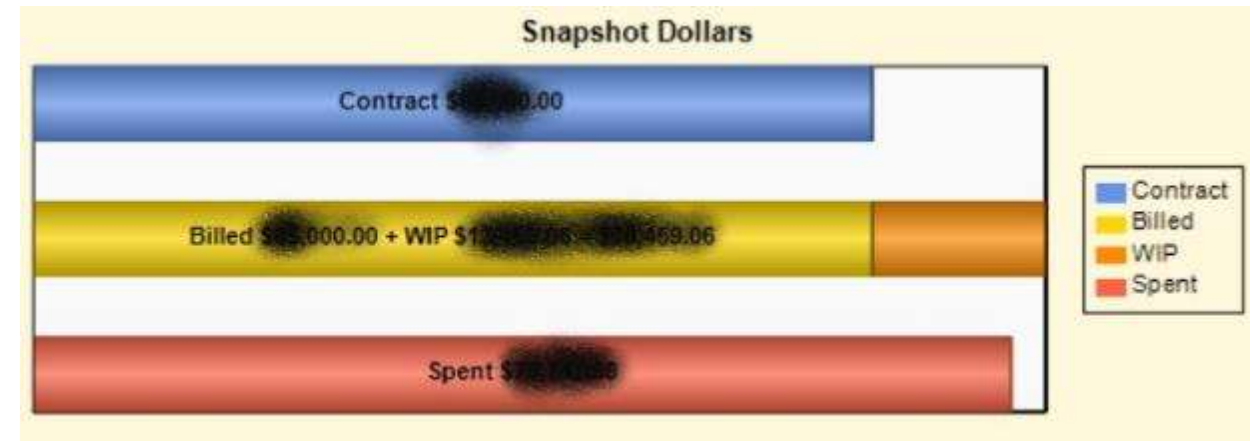
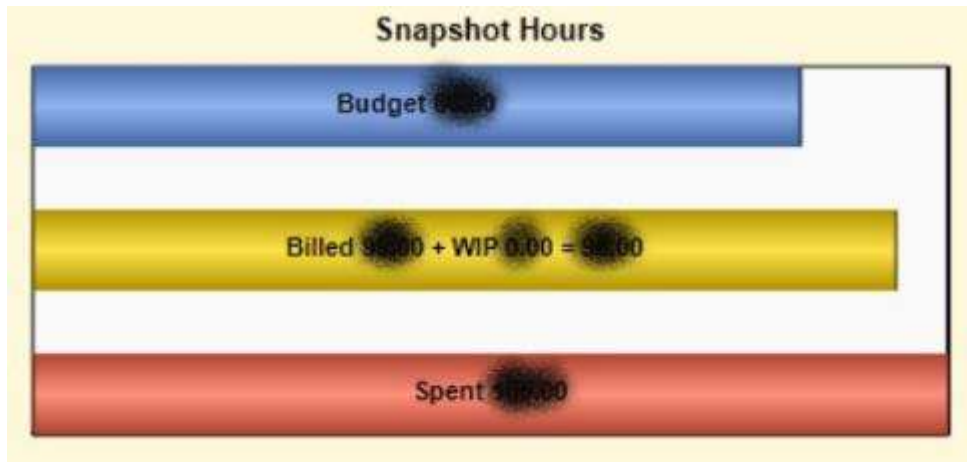
2010 Delhi, IA



LESSONS LEARNED FROM DISASTER RESPONSE PROJECTS

What do all those projects have in common ?

1. It feels good every time we do it
2. We get told we are good at doing it.
3. It is difficult to make money on these projects





Prairie Engineers, P.C.

PRAIRIE ENGINEERS THANK YOU!

SCOTT PERKINS, M 913-244-2609
SPERKINS@PRAIRIEENGINEERS.COM

Meeting Close

- Split Kitty Drawing
- PDHs available from the Omaha Post Website
 - ▶ <https://www.same.org/omaha/resources/>