

**SALIBA ENGINEERING, INC.
(SEI)**



***S - Services, Simplifications, Supports,
Satisfactions***

***E - Engineering, Effective, Economical,
I - Involvement, Improvements, Impact***

Saliba Engineering, Inc. offers a wide variety of engineering services to satisfy our client diverse needs. Our professional staff has over twenty-five years of combined experience in Florida, South Carolina, Georgia, and North Carolina. Projects vary from roadway widening, to roadway improvement, new bridge structures, bridge widening, railroad roadbed evaluation, embankment design and construction monitoring, railroad bridges foundation design, single and multistory structures, shopping centers, landfill design, landfill covers, airport work, pavement design, pavement assessment and rehabilitation, earth dam design, seepage analysis, pond site evaluation, mast arm structures, and many other structures. We look forward to developing innovative engineering solutions for your project.

SALIBA ENGINEERING, INC.

Geotechnical / Bridge Hydraulics

10175 Fortune Parkway, Suite 805

Jacksonville, FL 32256

Phone (904) 519-2324

Fax (904) 519-2329

E-mail rsaliba@salibaengineering.com

Summary of Services

Geotechnical Studies

Material Testing

Bridge Hydraulics

Scour Studies

Engineering Management

***“Serving Our Clients Today
For a Better Tomorrow”***

GEOTECHNICAL STUDIES

Geotechnical site assessment

Subsurface Investigation

Shallow and Deep Foundation Design

Settlement Analysis

Embankment Stability

Seepage Analysis

Pavement Design

Existing Pavement Evaluation

Subsurface Failure Investigation

Mechanically Stabilized Earth Wall Design

SALIBA ENGINEERING, INC.

MATERIAL TESTING

- Subgrade Evaluation
- Fill Placement Monitoring
- Concrete Placement Monitoring
- Asphalt Placement Monitoring
- Field Density Testing
- Concrete Sampling and Testing
- Asphalt Sampling and Testing
- Steel Inspection



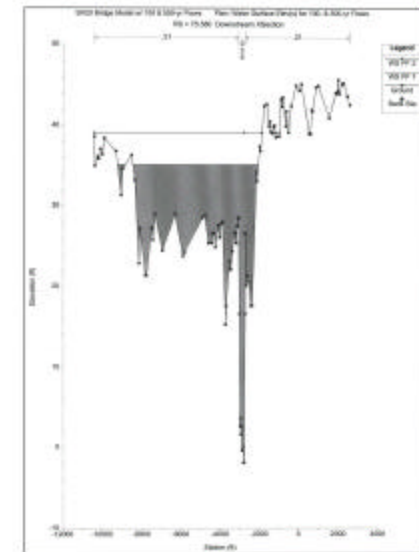
BRIDGE HYDRAULICS

- Drainage Area Determination
 - Regression Equation Calculation
 - Drainage Flow Events Assessment
 - Various Bridge Hydraulics Modeling
 - Scour Analysis
- (Methods used include both
WSPRO & HEC-RAS)



SOUR STUDIES

- Phase I Assessment
- Data Gathering and Site Observation
- Phase II Assessment
- Drainage Area Determination
- Drainage Flow Events Assessment
- Scour Analysis
- Phase III Assessment
- Geotechnical and Structural Stability
- Phase IV Assessment
- Conclusion and Recommendations



SALIBA ENGINEERING, INC.