



FIN: 450835-3-32-01

Ad#24672

LUDLAM TRAIL BRIDGES

PROJECT OVERVIEW



The **Ludlam Trail** is a pedestrian/bicycle shared-use path that extends for 5.6 miles from 400 feet north of NW 7th Street to SW 80th Street, between 69th and 70th Avenues, within the former railroad right-of-way.



The trail crosses over three State Roads by means of bridges that have been conceived as iconic landmarks along the **Trail**.



Bridges spans a minimum of 100 ft over **SW 8th St** and **Flagler St**, and 125 ft over **Bird Road**.

To each side of the main span over the State Roads there are additional spans and approach ramps.

PROJECT LOCATION MAP

**West Flagler St (SR 968); SW 8th St (SR 90 / Tamiami Trail);
SW 40th St (SR 976 / Bird Road)**

Bird Road



Overall length of bridge: 480 ft

8th Street



Overall length of bridge: 410 ft

Flagler Street



Overall length of bridge: 530 ft

Trail Path

PROJECT SCOPE

Design of the bridge foundation.

Design of the bridge substructure composed by single cast-in-place **column-piers**.

Design of the bridge superstructure composed by either **FIP beams and a flat slab deck or a flat slab deck only**. Superstructure includes the bearings and any other elements needed for rigidity or structural performance.

Design of the **aluminum canopy enclosure** composed by structural hoops and architectural fins. The design includes a wind tunnel test.

Design of the **approach ramps** walls and foundation.

Design of complementary items as **railings, fences, and standard & decorative lighting**.

Design of at-grade sidewalks depending on locations.

Develop Maintenance of Traffic and Signing & Marking plans.

METHOD OF PROCUREMENT

- ✓ **Letter of Response**
(three sheets).
- ✓ **Abbreviated Technical Proposal**
(five sheets)

The Design Criteria Package must be requested to PSU

EVALUATION CRITERIA

EVALUATION FORM

Project Description: _____

FM Number(s): _____ Evaluator: _____ Date: _____

Evaluation Criteria	Value	1 Firm#1	2 Firm #2	3 Firm #3	COMMENTS
Scope of Services / Scope of Work					
Understanding of Scope of Work	5				
Understanding of Scope of Services	5				
	10	0	0	0	
Awareness of Project Issues					
Understanding of Project Issues	10				
Approach to Project Issues	50				
	60	0	0	0	
Project Management					
Project Management Approach / Team Approach	5				
Control of Project Schedule	5				
Control of Budget	5				
Quality Control Process	5				
	20	0	0	0	
Project Staffing					
Staffing Quality	5				
Staffing Experience on Similar Projects	5				
	10	0	0	0	
TOTAL	100	0	0	0	

Instructions: 1) The Evaluation Criteria listed above is derived from the information provided in the advertisement for this project. (See attached breakdown) The PM may further define each of the criteria so long as it is consistent with the information solicited from the advertisement. 2) The PM is responsible for assigning the value for each criteria listed above, not to exceed a total of 100 points. 3) Each Reviewer must base their evaluation on the same criteria so that value uniformity can be established. **Whole points should ONLY be used in scoring.** 4) Each Reviewer will evaluate, score and provide the original completed score sheets to PSU designated on the schedule. 5) There should be **NO TIES** between any of the consultants. 6) Each Reviewer will provide a written "Recommendation for Final Selection" memorandum addressed to the Final Selection Committee.

WRITE FIRMS IN ALPHABETICAL ORDER , NOT BY SCORE OR INTERVIEW ORDER

Consultant Firms:

1. _____

2. _____

3. _____

PROCUREMENT SCHEDULE

Milestone	Date
Advertisement	06/12/2023
LORs due in PSU from Consultants	06/26/2023
Reviewer Longlist Meeting	07/25/2023
Shortlist Selection Meeting	07/31/2023
Technical Proposals due in PSU	08/15/2023
Final Selection Meeting	09/05/2023
Contract executed	10/31/2023

TRC MEMBERS



Ileana Alvarez

D6 NORTH DADE - CONSTRUCTION

Christopher Tavella

D6 PRODUCTION SERVICES

Mario Duran Camejo

D6 CONSULTANT MANAGEMENT - **PROJECT MANAGER**



"The chance meeting on a
dissecting table of a
sewing machine and an
umbrella"

Isidore Lucien Ducasse, 1846-1870

This phrase was taken from one of his poems and was used by
André Breton to express what Surrealism was.

Flagler Street



8th Street



Bird Road



"The intended encounter of a conventional, efficient bridge and an unconventional, symbolic canopy over a State Road"

ROBERT MAILLART/ EUGENE FREYSSINET

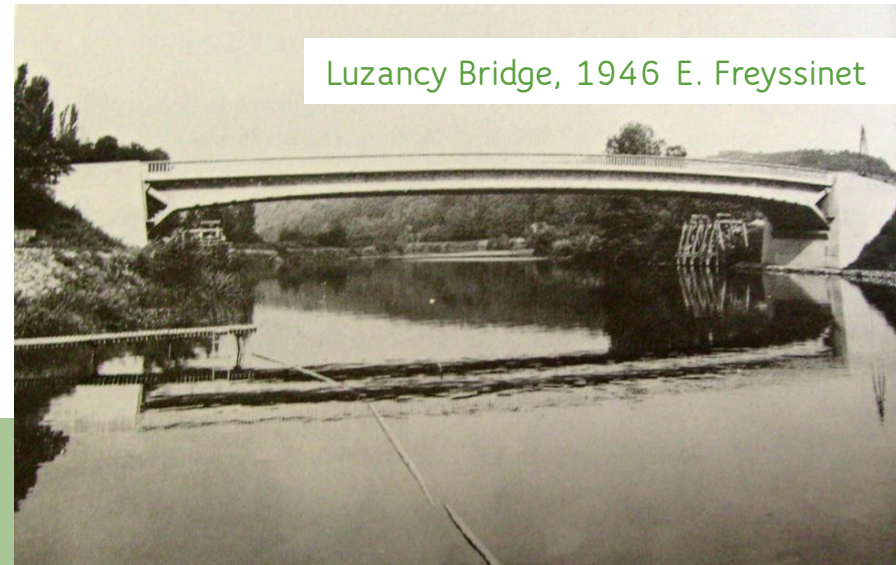
Schwandbach Bridge, 1930 R. Maillart



Salginatobel Bridge, 1933 R. Maillart



Luzancy Bridge, 1946 E. Freyssinet





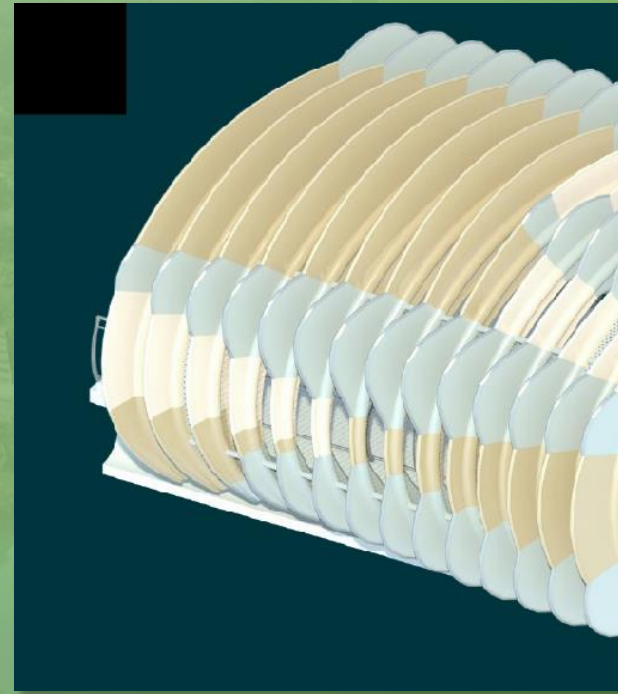
**Alamillo Bridge, Sevilla,
1992. Santiago Calatrava**



Florida International University Pedestrian Bridge, 2023. BCC Eng.

**Bridge Pavilion, Zaragoza, 2008.
ZHA/Arup**





Questions



Mario Duran Camejo, PE, Arch, PhD
Project Manager
Phone: (305) 470-5183
E-mail: Mario.Duran@dot.state.fl.us