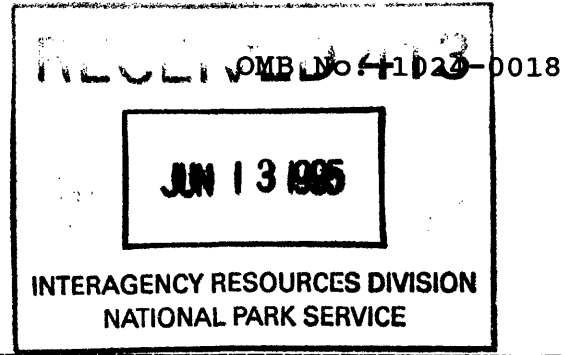


836

NPS Form 10-900
(Rev. 10-90)



United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

=====

1. Name of Property

=====

historic name N/A

other names/site number Bridge #122

=====

2. Location

=====

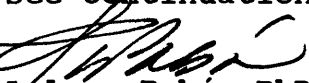
street & number SR #3, km. 9, Barrios Río Húcares not for publication
city or town Naguabo vicinity X
state Puerto Rico code PR county Naguabo code 103 zip code 00718

=====

3. State/Federal Agency Certification

=====

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this X nomination _____ request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property X meets _____ does not meet the National Register Criteria. I recommend that this property be considered significant _____ nationally X statewide _____ locally. (_____ See continuation sheet for additional comments.)


Arleen Pabón PhD
Signature of certifying official

June 5, 1995
Date

Puerto Rico State Historic Preservation Office
State or Federal agency and bureau

In my opinion, the property _____ meets _____ does not meet the National Register criteria. (_____ See continuation sheet for additional comments.)

Signature of commenting or other official

Date

State or Federal agency and bureau

4. National Park Service Certification

I, hereby certify that this property is:

entered in the National Register

Edson H. Beall 7-19-95

See continuation sheet.

determined eligible for the National Register

Entered in the
National Register

See continuation sheet.

determined not eligible for the National Register

removed from the National Register

other (explain): _____

Beall Signature of Keeper Date of Action

5. Classification

Ownership of Property

- private
- public-local
- public-State
- public-Federal

Category of Property

- building(s)
- district
- site
- structure
- object

Number of Resources within Property

Contributing	Noncontributing	
<u>0</u>	<u>0</u>	buildings
<u>0</u>	<u>0</u>	sites
<u>1</u>	<u>0</u>	structures
<u>0</u>	<u>0</u>	objects
<u>1</u>	<u>0</u>	Total

Number of contributing resources previously listed in the National Register 0

Name of related multiple property listing "Historic Bridges of Puerto Rico"

=====
6. Function or Use
=====

Historic Functions

Cat: Transportation Sub: road related

Current Functions

Cat: Transportation Sub: road related

=====
7. Description
=====

Architectural Classification Other/ reinforced concrete beams

Materials

foundation N/A
roof N/A
walls N/A
other superstructure - concrete
substructure - concrete

Narrative Description

Bridge #122, located in the municipality of Naguabo, spans the Santiago River on kilometer 9 of SR #3 between the coastal towns of Humacao and Ceiba (Photo 1). The structure has piers that are decorated by rectangular medallions (Photo 2) and railing shaped like a stylized balustrade which is regularly interrupted by pillars decorated with reliefs and textures of exposed aggregate. The abutments imitate the two piers and are joined by a decorated parapet.

Until 1967 the bridge had not suffered major changes. However, in that year the Insular Public Works Department made substantial alterations to the bridge (5.9 meter wide) designed to provide additional deck surface and increase its traffic load. The railing facing southward, toward the river, was removed so as to allow the construction of a new section. This new section, measuring 5.58 meters in width and with the same length of the original bridge, was designed to harmonize with the existing historic structure. The new section used the same construction materials, techniques and detailing of the original construction. A row of new pilasters, that ran parallel to the original pilasters on the northern section of the bridge supported the addition to the historic structure. On the southern edge a new railing, repeating the design of the destroyed railing, was installed with the addition of a sidewalk. Also on the northern railing a smaller sidewalk was installed.

The bridge has suffered changes that have affected integrity of the design and materials. However, the property still maintains the features that make it representative of this subtype of bridge construction. Other

aspects such as workmanship, feeling, association, and setting have changed little since its period of significance. A description of the structure follows:

span number:	9	construction date:	1918
span length:	7.1 meters	superstructure:	concrete
total length:	64 meters	substructure:	concrete
roadway wdt.:	8.50 meters	current condition:	good

=====
8. Statement of Significance
=====

Applicable National Register Criteria

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important in prehistory or history.

Criteria Considerations

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a grave.
- D a cemetery.
- E a reconstructed building, object, or structure.
- F a commemorative property.
- G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance engineering, transportation

Period of Significance 1918-1944

Significant Dates 1918

Significant Person N/A

USDI/NPS NRHP Form
Bridge #122
Naguabo, Puerto Rico
Historic Bridges of Puerto Rico

Page 5

Cultural Affiliation N/A

Architect/Builder Eng. Rafael Nones, designer
Eng. Felix Benítez-Rexach

Narrative Statement of Significance

Bridge #122, built in 1918, is one of the earliest and most elegant example of concrete beam bridges in Puerto Rico. The structure represent the work of masters, as it was designed by Rafael Nones and built by Felix Benítez-Rexach. The bridge's construction was financed by Puerto Rico's Second Public Works bond issue of 1916. It served the first highway which served to communicate the eastern region's coastal communities in Puerto Rico. Despite the 1967 alterations, the bridge continues to be the best conserved example of beam bridge technology extant on the island.

For further contextual information regarding bridge building in Puerto Rico, registration requirements, and property types, see related multiple property listing "Historic Bridges of Puerto Rico".

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9. Major Bibliographical References
=====

Pumarada O'Neill, Luis. Los Puentes Históricos de Puerto Rico. Centro de Investigación y Desarrollo, RUM, Mayagüez 1991.

Previous documentation on file (NPS)

- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register
- previously determined eligible by the National Register
- designated a National Historic Landmark
- recorded by Historic American Buildings Survey # _____
- recorded by Historic American Engineering Record # N/A

Primary Location of Additional Data

- State Historic Preservation Office
- Other State agency: **Puerto Rico Highway Authority**
- Federal agency
- Local government
- University of Puerto Rico, Mayagüez Campus**
- Other

Name of repository:

=====
10. Geographical Data
=====

Acreeage of Property less than one acre

UTM References

	Zone	Easting	Northing	Zone	Easting	Northing
1	<u>20</u>	<u>211020</u>	<u>2013000</u>	3	—	—
2	—	—	—	4	—	—
	— See continuation sheet.					

Verbal Boundary Description

The nominated property is a rectangular shaped parcel measuring 64 X 8.50 meters, which is centered on the coordinates listed above. Included within this rectangular parcel are the bridge's superstructure, substructure and floor system.

Boundary Justification

The nominated structure includes the bridge's superstructure, substructure, floor system, any approach spans and the property on which they rest. These boundaries encompass, but not exceed, all of the property that has been historically associated with this bridge.

=====
11. Form Prepared By
=====

name/title Luis Pumarada O'Neill, Ph.D.

organization Arqueología Industrial Caribeña date July 31, 1994

street & number 3-D-37 Villa Interamericana telephone (809) 264-4024

city or town San Germán state PR zip code 00683

=====
Property Owner
=====

name Public Works Department, Puerto Rico

street & number Minillas Government Center telephone (809) 729-1529

city or town San Juan state PR zip code 00907