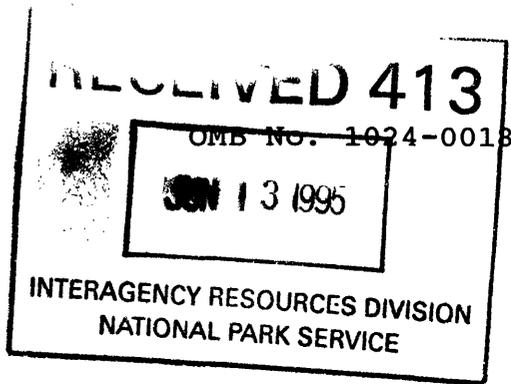


345

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: Mavilla Bridge

other names/site number: Bridge #354

=====

2. Location

=====

street & number SR 159, km. 17.7, Barrios Palmarejo/Abras

not for publication

city or town Corozal vicinity X

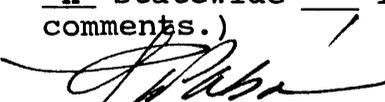
state Puerto Rico code PR county Corozal code 047 zip code 00783

=====

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

May 25, 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  
    \_\_\_ See continuation sheet.
- determined eligible for the  
    National Register  
    \_\_\_ See continuation sheet.
- determined not eligible for the  
    National Register
- removed from the National Register
- other (explain): \_\_\_\_\_

*Edson H. Beall*

Entered in the  
National Register

7.19.95

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/Segmented arch in concrete

Materials

foundation	<u>N/A</u>
roof	<u>N/A</u>
walls	<u>N/A</u>
other	<u>superstructure - concrete</u> <u>substructure - concrete</u>

Narrative Description

Mavilla Bridge is located on kilometer 17.7, route 159, between Corozal and Bayamón (Photo 1). The apex of its arch rises some 50 feet above the level of the Mavilla Creek. The masonry work is unusual: a row of stones simulating ring stones directly over the concrete vault, and spandrel walls of somewhat irregular ashlar masonry. This bridge has suffered no significant alterations other than the addition of the present balustrade in 1909. Its setting is essentially similar to the one prevailing in its period of significance. The bridge retains a high degree of integrity of design, workmanship, feeling, association, materials, and setting. A description of the structure follows:

span number: 1	superstructure: concrete
span length: 25.5 meters	substructure: concrete
total length: 25.5 meters	construction date: 1903
roadway wdt.: 4.60 meters	alterations: 1909
	current condition: very 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: 1903-1944

Significant Dates: 1903, 1909

Significant Person: N/A

Cultural Affiliation: N/A

Architect/Builder: Roque Paniaqua, contractor/ José García-González, contractor

Narrative Statement of Significance

The Mavilla bridge was built in 1903 to substitute a wooden structure from 1853 servicing an old 19th century Toa Alta-Bayamón unpaved road. Eighty men worked under Roque Paniagua on the construction of the bridge which cost \$3,000.00. In 1909, contractor José García-González added a concrete balustrade at a cost of \$644.00. It is the earliest extant long-span concrete arch bridge and one of the most attractive.

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

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**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

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Acreage of Property less than one acre

UTM References Corozal Quadrangle PR 7.5 minute series:  
18°21'52"N/ 66°18'17"E

Verbal Boundary Description

The nominated property is a rectangular shaped parcel measuring 25.5 X 4.60 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. (Revised and edited by PRSHPO)

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

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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