

PUERTO RICO
**HIGHWAYS &
TRANSPORTATION**
AUTHORITY

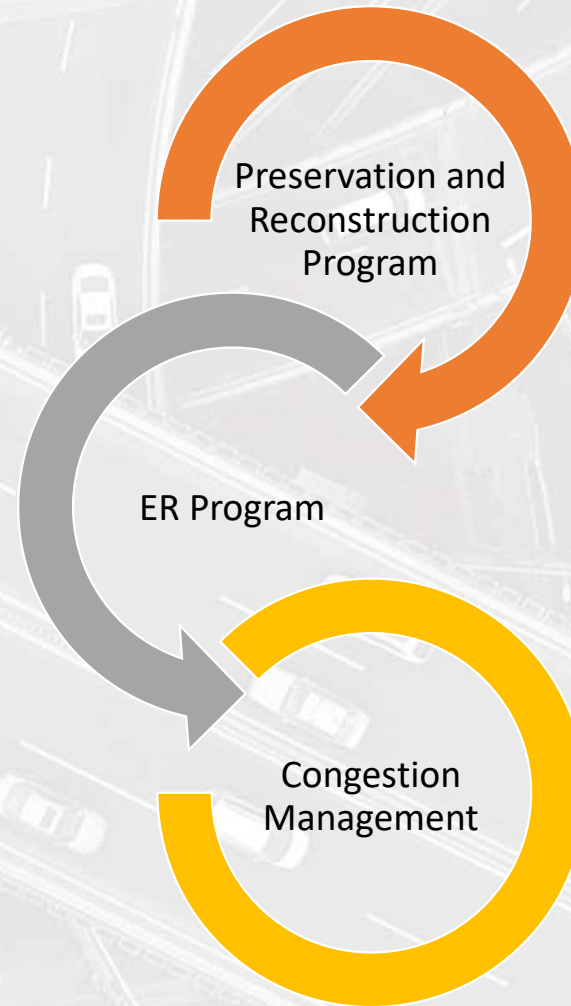


RECONSTRUCTION OF PUERTO RICO'S INFRASTRUCTURE

Edwin E. González Montalvo, PhD, PE
Secretary Department of Transportation and Public Works



PRHTA is seeking to contribute to the economic development of Puerto Rico by maximizing the use of Federal Funds focusing efforts on:





Available Funds for Highways

Over \$2,500 MM from 2021 to 2026 for Highways reconstruction and improvements.

FHWA Emergency Program - \$708 MM

Federal Highway Administration Regular Program - \$1,100 MM.

CDBG-MIT Program - \$750MM

Discretionary Grants - Over \$249MM ready to be submitted

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Preservation and Reconstruction Program



Under the 2022 Bipartisan Infrastructure Law PRHTA will receive:

2022 \$218,010,000

2023 \$221,960,000

2024 \$227,000,000

2025 \$231,000,000

2026 \$234,000,000

Regular Funds	\$173,010,000
Bridge Program	\$45,000,000

Regular Funds	\$176,960,000
Bridge Program	\$45,000,000

Regular Funds	\$180,120,000
Bridge Program	\$45,000,000

Regular Funds	\$183,675,000
Bridge Program	\$45,000,000

Regular Funds	\$187,230,000
Bridge Program	\$45,000,000

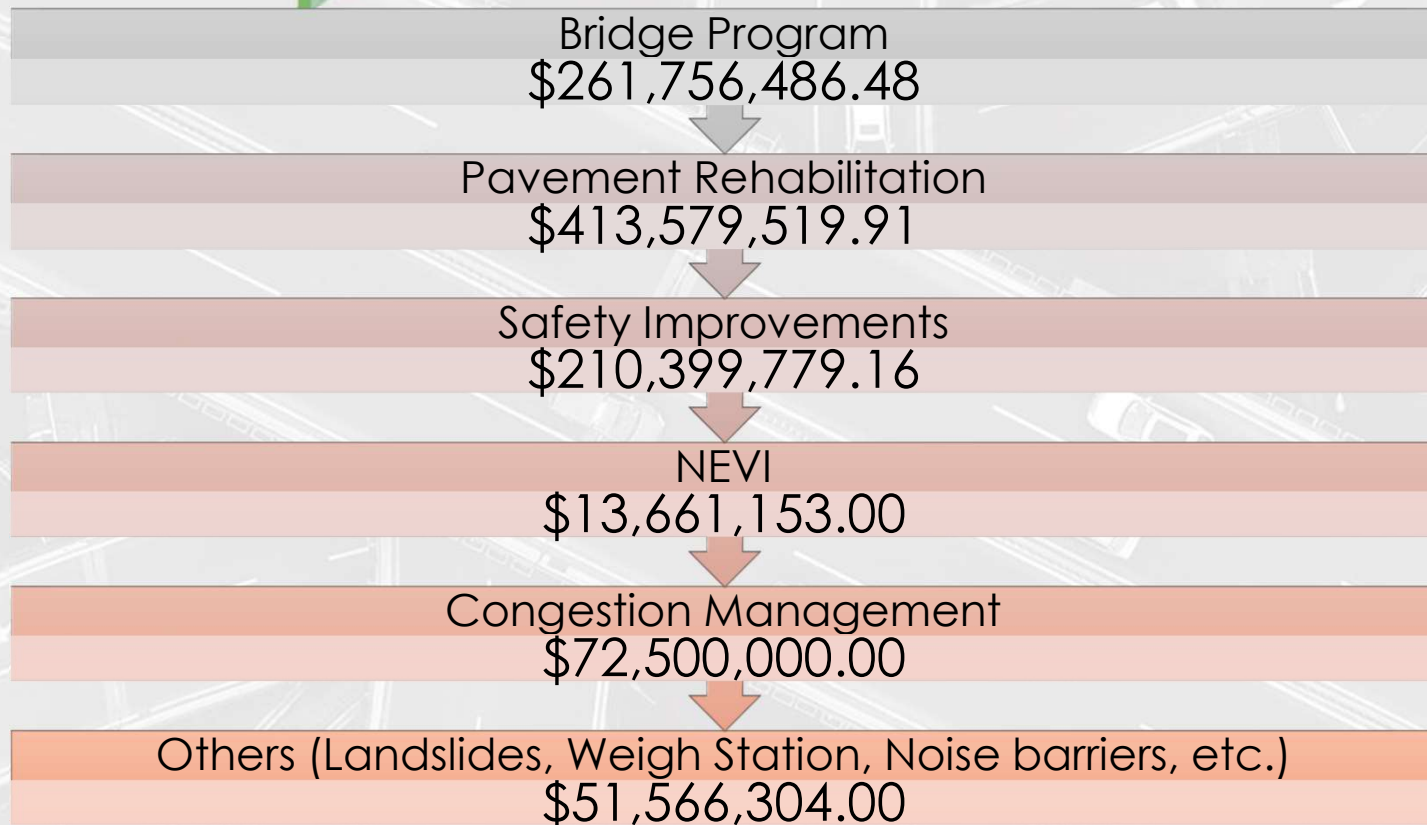
**Total
Additional
Funds
\$335,995,000**

**Regular Funds
\$110,995,000**

**Bridges
\$225,000,000**



Available Funds 2022 - 2026



HISTORICAL BACKGROUND OF THE HIGHWAYS AND TRANSPORTATION AUTHORITY



- Puerto Rico's road network consists of municipal and state highways totaling approximately 32,000 kilometers (19,982 miles).
- The Highway and Transportation Authority is responsible for the reconstruction of state highways, which total 7,705 kilometers (4,789 miles) with approximately 75.4 million vehicle-kilometers of daily travel (48.9 million VMT).
- Toll roads reach approximately 380 kilometers (236 miles) or 4.8% of state highways.
- Approximately 23% of all daily trips occur on toll roads.



Active Projects



NUMBER OF CONTRACTS

170



NUMBER OF SITES

537

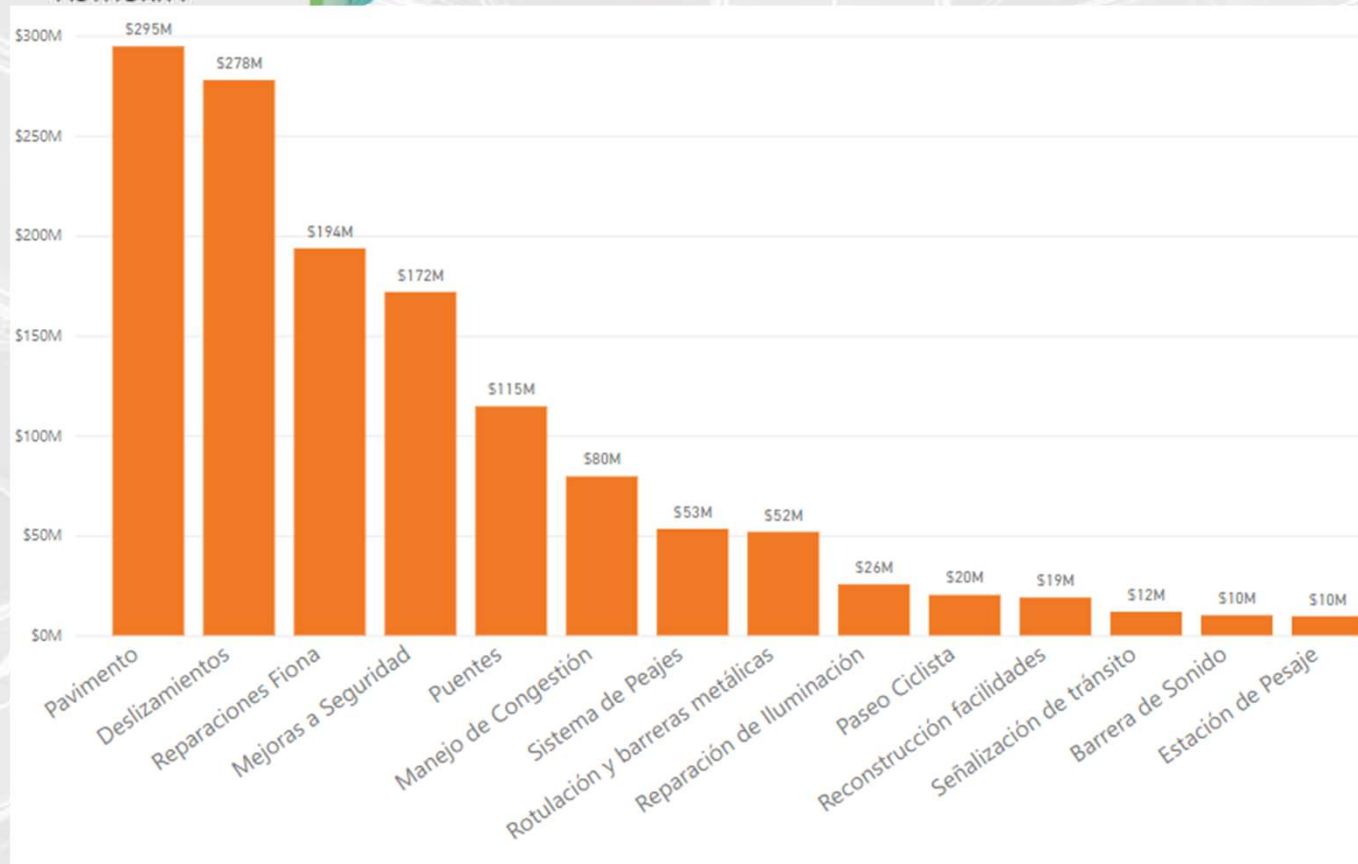


INVESTMENT

\$1,333.06

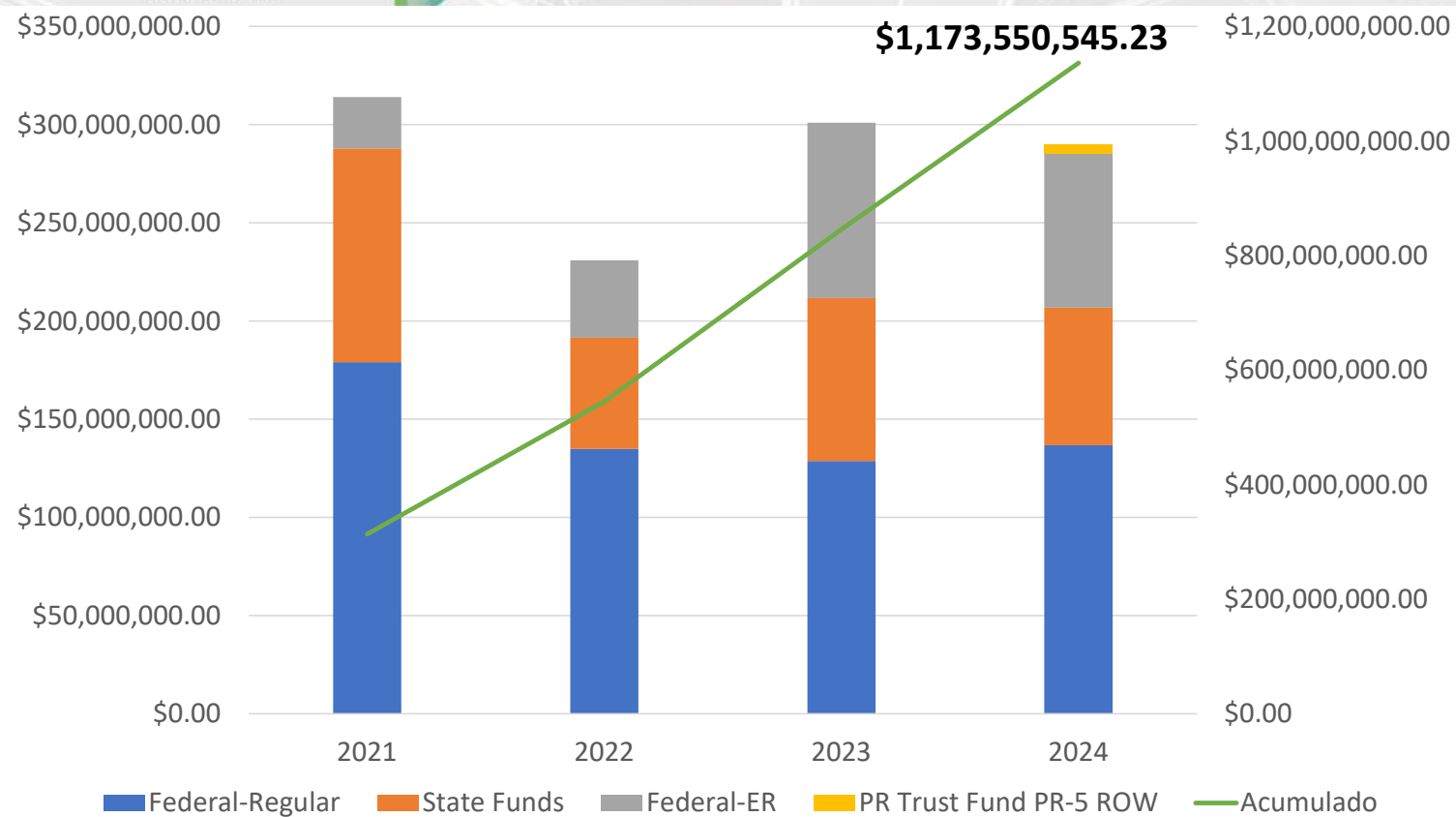


Active Projects by Type





DISBURSEMENTS 021-2024



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7/11/24 11:30 AM
0° N
Altitude: 65m
PR-5 over lay
final



**REHABILITATION OF CABLE-STAYED BRIDGE NO.
3000 OVER LAKE LA PLATA, PR-5 KM. 18.75,
MUNICIPALITY OF TOA ALTA-NARANJITO
AC-000545**

Cost: \$32,781,029

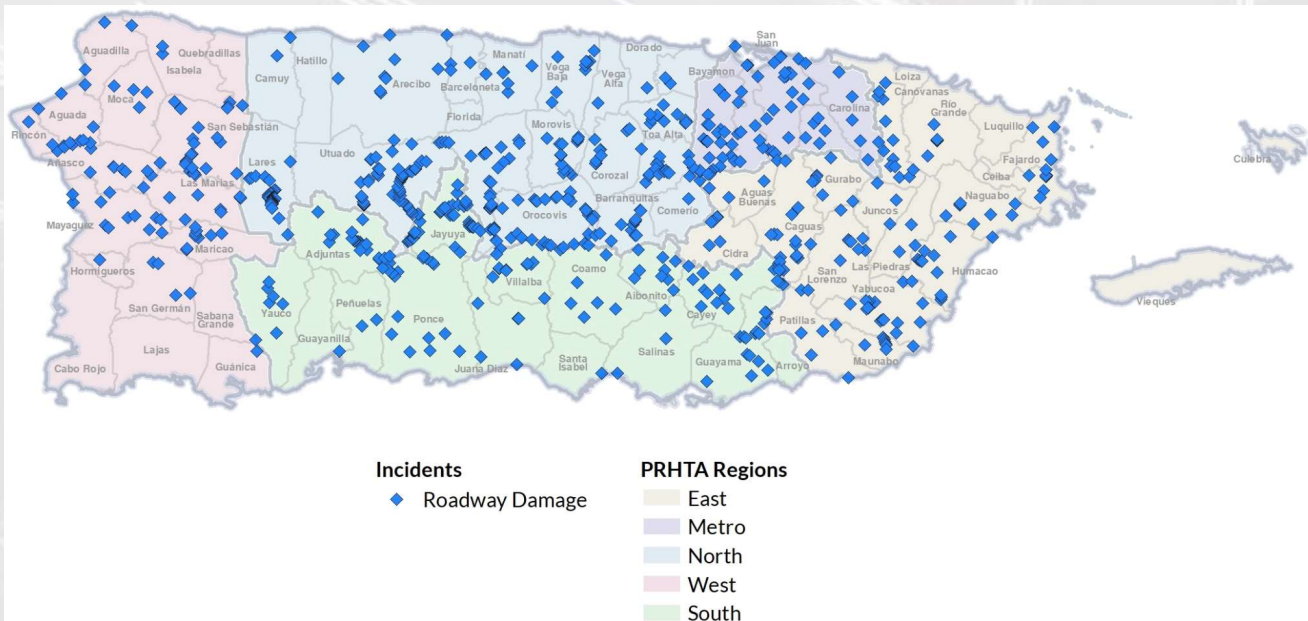
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ER PROGRAM



ER PROGRAM HURRICANE IRMA-MARIA



Damages Reported

• 2290



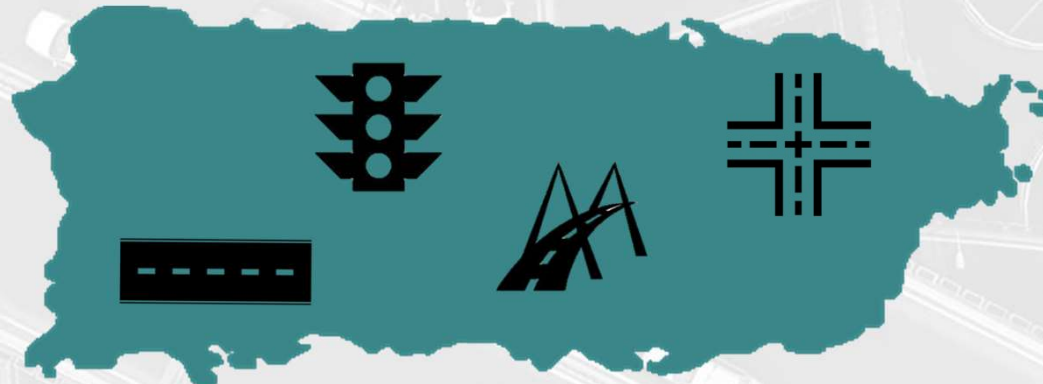
ER PROGRAM HURRICANE IRMA-MARIA

Approved ER Program of Projects

Traffic Signals

Roadway
Damages

Bridges



Signage &
Safety

Lighting

Wireless
Comm.

ER PROGRAM HURRICANE IRMA-MARIA



BEFORE

**REPAIR OF LANDSLIDE ON ROAD PR-186 KM.
8.90, MUNICIPALITY OF CANÓVANAS
COST: \$914,825.85**



AFTER



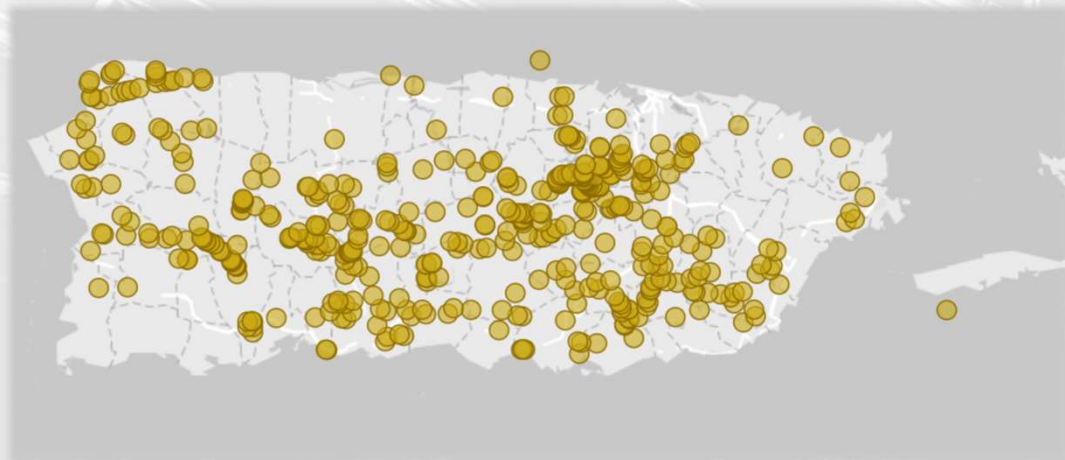
Reparación de
 Emergencia
 Carretera PR-2,
 Kilómetros
 22.40 a 22.80,
 Municipio de
 Toa Baja
 Costo: INSTALA
 TION OF
 MODULAR
 STEEL BRIDGE
 BRIDGE #1130
 OVER THE RIO
 GRANDE DE
 MANATÍ ON THE
 PR-145 KM 1.0
 ROAD,
 MUNICIPALITY
 OF CIALES
 COST:
 \$4,988,277.95
 \$921,890



INSTALLATION OF MODULAR STEEL BRIDGE BRIDGE #1130 OVER THE RIO GRANDE DE
 MANATÍ ON THE PR-145 KM 1.0 ROAD, MUNICIPALITY OF CIALES
 COST: \$4,988,277.95



ER PROGRAM HURRICANE FIONA



1

DAÑOS REPORTADOS
515

2

MUNICIPIOS IMPACTADOS
70

3

CARRETERAS IMPACTADAS
177



REPAIR OF ROCKFALL
PR-52 KM 49
CAYEY-SALINAS
COSTO: \$17,347,832

PR-143 KM. 38.6, OROCOVIS
\$2,814,616.93



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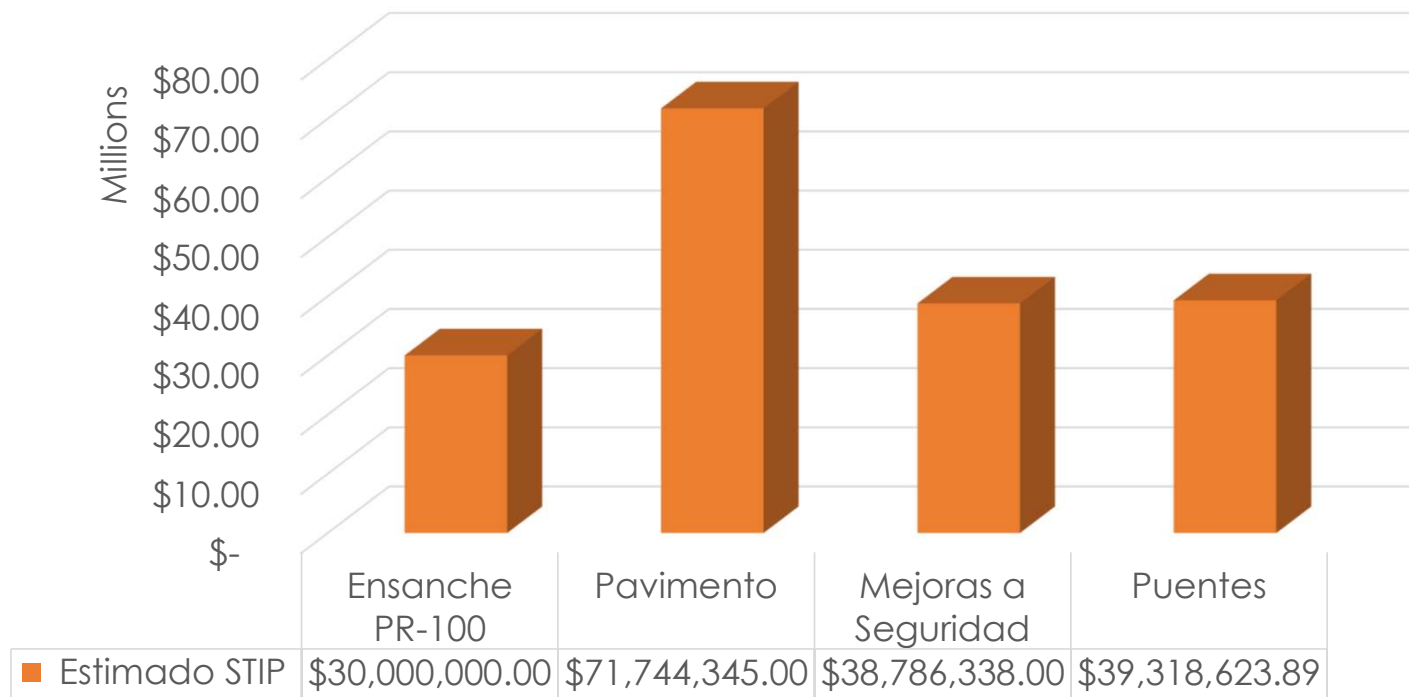


PROJECTS PROGRAMMED



UPCOMING PROJECTS TO BE ANNOUNCED FY-25

Projects Fiscal Year 2024





PR-26 Expreso Baldorioty de Castro Pavement Reconstruction and Safety Improvements

- Unit 1 (Km 0 – 8.75)
- Unit 2 (Km 9.45 – 15.5)

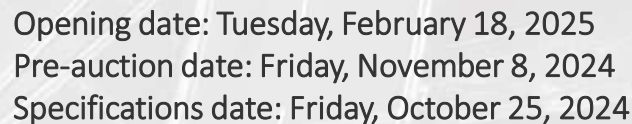
Estimated Cost:
\$70,000,000





SPECIAL PROJECTS

<https://subastas.pr.gov/>

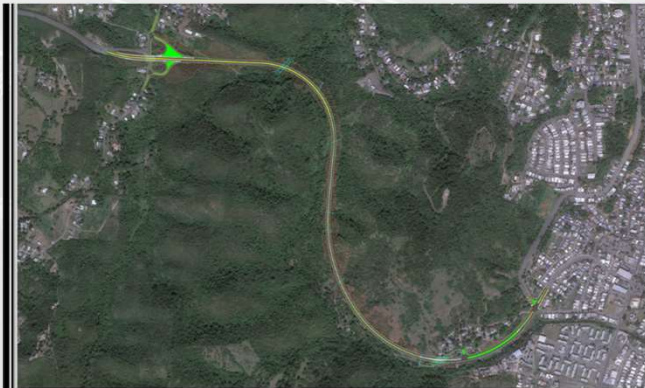
First Published: 10/15/2014



- ACT proposes to complete the construction of the section of the PR-10 between the municipalities of Utuado and Adjuntas, with a length of approximately 7.60 kilometers. Once the Project is completed, it will connect the northern region with the south of the Island.
- Among the benefits of the Project are: (1) providing a short route between the northern and southern regions for the exchange of goods and services; (2) provide a connection that will allow the economic development of the region; and (3) promotes the Development of the Northwest Industrial Zone and the Technology Corridor.
- Status: The Request for Proposals process is currently underway. CDBG funds of approximately \$550 million were approved by the federal government for the construction of the Project.



CONECTOR LAJAS-SAN GERMÁN



PRHTA proposes the construction of a Connector between the Municipalities of Lajas and San Germán

This connector will give the Municipality of Lajas access to the PR-2 interstate highway

COST: \$52,393,501.23

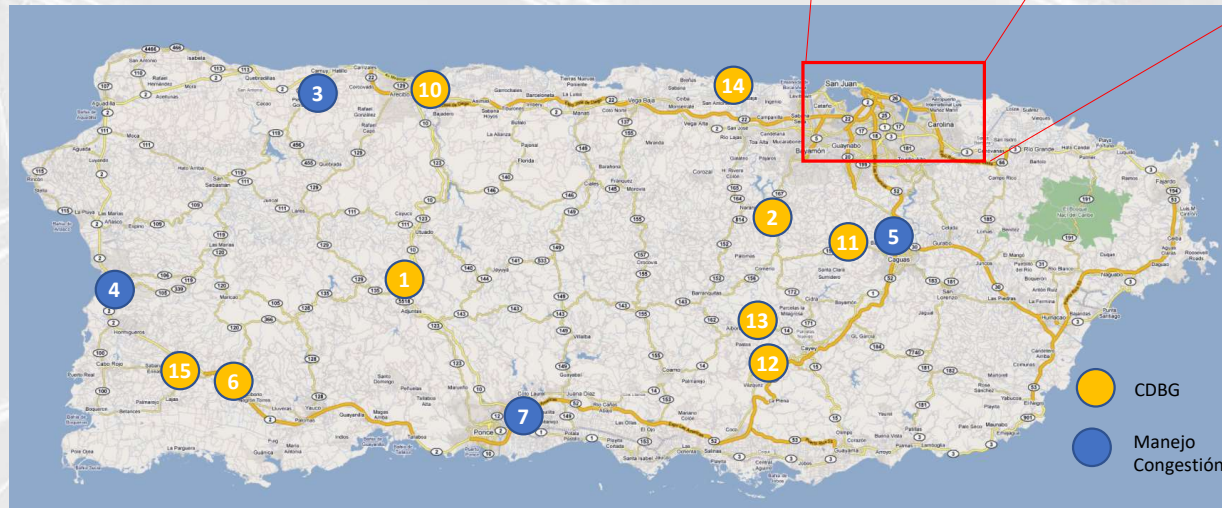
CONGESTION MANAGEMENT PROJECTS (\$2,175B)

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1. PR-10 (\$550MM), Utuado-Adjuntas
2. PR-5 (\$240MM), Bayamón
3. PR-22 (\$261MM) Segmento Hatillo
4. Int. La Vita (\$185MM) Mayagüez
5. Extension DTL Gurabo-Caguas (\$195MM)
6. Conv. Expreso PR-2 (\$225MM) – Ponce-Mayaguez
7. Int. PR-1 & PR-52 (\$45MM), Ponce
8. Int. PR-22 & PR-18 (\$50MM), San Juan

9. Int. PR-18 & PR-17 (\$50MM), San Juan
10. Conector PR-2, PR-680, PR-681, Arecibo (\$63MM)
11. Conector PR-156, Aguas Buenas (\$69MM)
12. Conector PR-158, Cayey – (\$99MM)
13. Conector PR-184, Cidra – (\$64MM)
14. Conector Ave. Higuillar, Dorado – (\$79MM)
15. Connector PR-122, Lajas-San Germán (\$52.4MM)



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INITIATIVES

PR-2 SEGURO Program (Ponce – Hormigueros)

Number of units – 6

Kilometers of coverage (PR-2) – 65

Municipalities impacted – 8

-  Ponce
- Peñuelas
- Guayanilla
- Yauco
- Guánica
- Sabana Grande
-  Germán
- Hormigueros

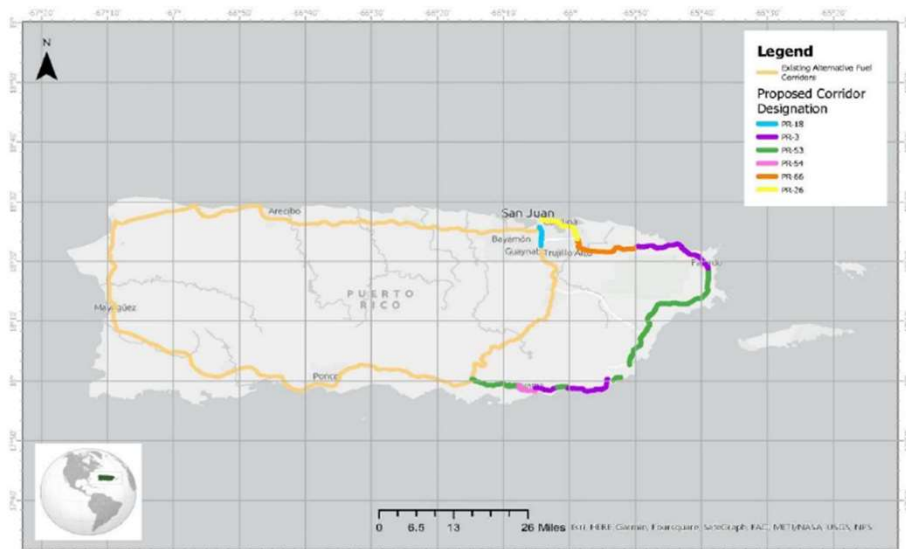
AADT (max-tramo) – 49,800



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EXISTING ALTERNATIVE FUEL CORRIDORS & PROPOSED DESIGNATION



NEVI

The federal government approved the following corridors:

PR-2
PR-22
PR-52

ACT nominated the following runners:

PR-18 PR-3
PR-53 PR-54
PR-66 PR-10
PR-111 PR-129

FHWA approved the ACT proposal and awarded an additional \$51.4 million for the network. RFP published in the evaluation process.

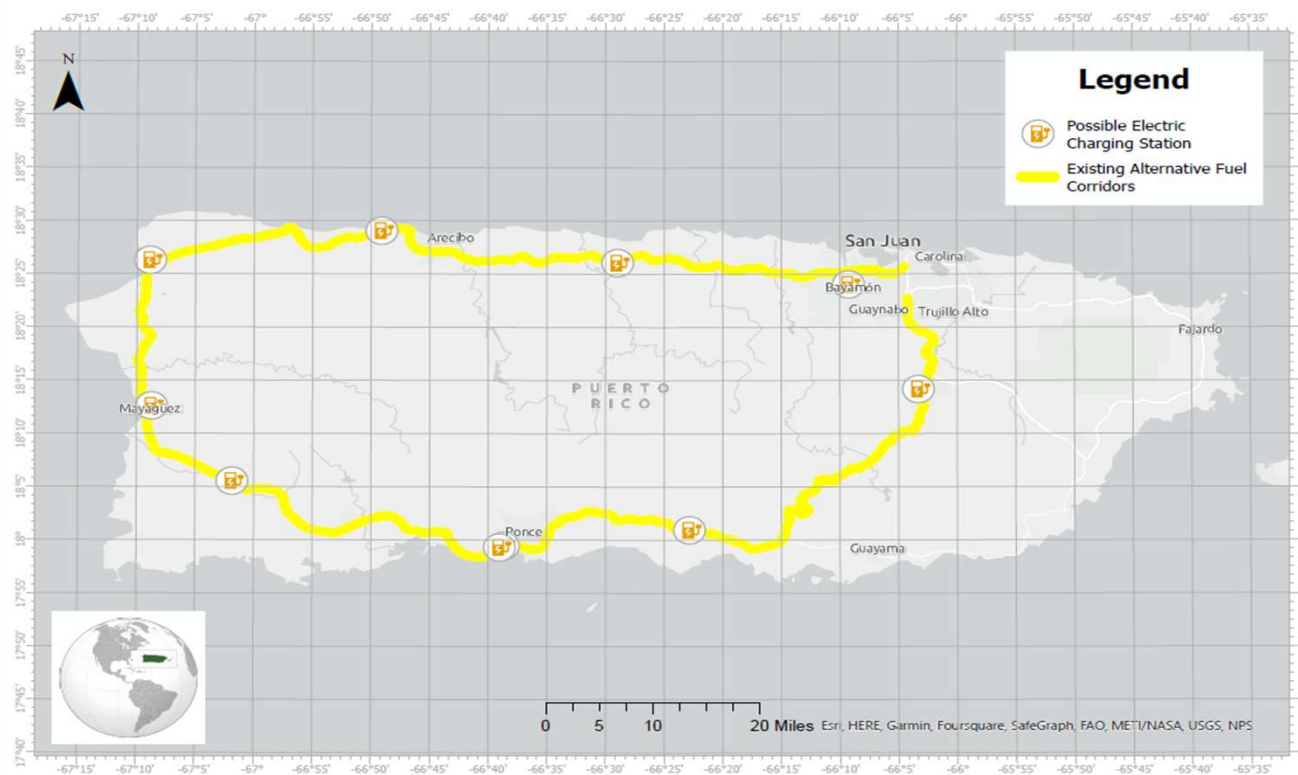
Second RFP in Process

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NEVI

EXISTING ALTERNATIVE FUEL CORRIDORS



Recently, ACT applied to compete for a grant for the installation project of 10 proposed electric vehicle chargers. ACT obtained the grant in the amount of \$51,400,000 for the project whose total estimated cost is \$64,350,000.00. The remaining funds will come from private entities.

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THANK YOU