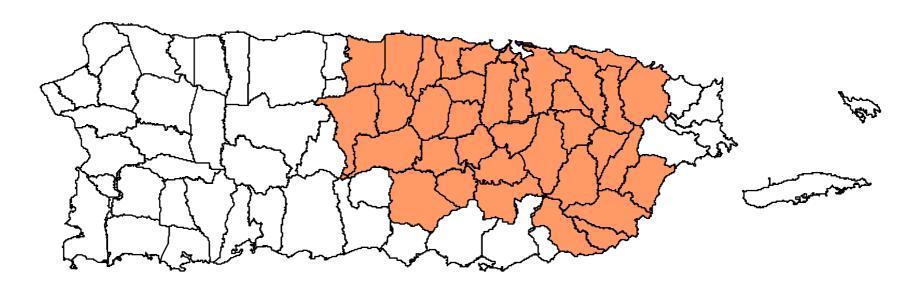
## Government of Puerto Rico

Puerto Rico Department of Transportation and Public Works

Puerto Rico Highway and Transportation Authority



San Juan Urbanized Area (UA> 1,000,000 in Population)

Transportation Improvement Program
(TIP) Fiscal Year 2017-2020
Amendment #3 Administrative Modification #2









## Government of Puerto Rico Puerto Rico Department of Transportation and PublicWorks Puerto Rico Highway and Transportation Authority

## San Juan Urbanized Area (SJUA) Transportation Improvement Program (TIP)

Fiscal Years 2017-2020

The preparation of this document was financed in part through a grant from the U.S. Department of Transportation, Federal Transit Administration, and Federal Highway Administration under Chapter 53 of 49 U.S.C. and 23 U.S.C.

#### INTRODUCTION

In 1973, the Puerto Rico Department of Transportation and Public Works (PRDTPW) was designated by the Governor of Puerto Rico as the Operative Arm of the Puerto Rico Metropolitan Planning Organization (PRMPO) for the San Juan Urbanized Area (SJUA). To assure a forum for cooperative decision-making in the planning process, the PRMPO acts through a Policy Board Committee for the SJUA, defined by the 2010 Census as falling in the funding category of areas with over one million inhabitants and comprising the following municipalities:

Aguas Buenas	Cidra	Loíza	San Juan
Aibonito	Coamo	Manatí	San Lorenzo
Barranquitas	Comerío	Maunabo	Toa Baja
Bayamón	Corozal	Morovis	Toa Alta
Caguas	Dorado	Naguabo	Trujillo Alto
Canóvanas	Guaynabo	Naranjito	Vega Alta
Carolina	Gurabo	Orocovis	Vega Baja
Cataño	Humacao	Patillas	Yabucoa
Cayey	Juncos	Río Grande	
Ciales	Las Piedras	Salinas	

The Policy Board Committees also include representatives from the following agencies involved with transportation issues:

- □ Puerto Rico Department of Transportation and Public Works (PRDTPW)
- □ Puerto Rico Highway and Transportation Authority (PRHTA)
- □ Puerto Rico Integrated Transit Authority (PRITA)
- Maritime Transportation Authority (MTA)
- □ Metropolitan Bus Authority (MBA)
- □ Ports Authority (PA)
- □ Planning Board (PB)
- □ Public Service Commission (PSC)
- □ Permits Management Office (PMO)
- □ Environmental Quality Board (EQB)
- □ Department of Environmental and Natural Resources (DENR)

- □ Puerto Rico Division of the Federal Highway Administration (**NON VOTING**)
- □ Region IV Administrator of the Federal Transit Administration (**NON VOTING**)

The PRMPO is also responsible for the development and adoption of the Transportation Improvement Program (TIP). This document presents proposed improvements to the transportation and highway system in Puerto Rico. Projects are recommended for Federal funding for a period of four fiscal years. The program reflects the area priorities and is based on realistic estimates of total costs for the four years period. The Annual Element of the TIP consists in the projects proposed for implementation during the First Year Program, i.e. October 1, 2016 to September 30, 2017. The projects included reflect a multimodal approach to alleviate transportation problems.

This document includes the priority list of proposed projects that are to be undertaken by year, consistent with the transportation plan and are financially constrained. Projects included in the Annual Element can be implemented using the estimated allocation for Fiscal Year 2017 and carryover funds.

General transportation priorities are defined as follows:

- Regional projects, projects which involve several municipalities
- > Public transportation projects of high impact and investment
- Carryover projects
- Continuity projects
- > Transportation projects for the elderly and handicapped
- > Construction of transportation facilities
- > Improvements of existing transportation facilities
- ➤ Construction of shelters/stop for transportation services
- Acquisition of vehicles for public transportation services
- > Acquisition of vehicles to support paratransit services
- > Preventive maintenance cost for transit vehicles
- Operational assistant to paratransit services
- Construction of facilities for maintenance garage for transit vehicles
- > Transit enhancements
- > Transit security projects

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#### WHAT IS THE TIP?

The Fiscal Years 2017-2020 San Juan Urbanized Area (SJUA) Transportation Improvement Program (TIP) was prepared in accordance with the requirements of the Fixing America's Surface Transportation (FAST) Act. The FAST Act was signed by President Obama on December 4, 2015. The FAST Act maintains its focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. This Act supports transit funding through fiscal year 2020. This document describes and prioritizes the surface transportation programs and projects that the SJUA Policy Board Committee of Puerto Rico Metropolitan Planning Organization (SJUA PRMPO) has selected for implementation during the program period. The TIP contains the adopted list of public transit, highway, bicycle, and pedestrian projects that will receive federal transportation funds in the near future in accordance with the transportation plan. The TIP needs to be financially constrained; meaning that projects that are identified will have the necessary federal and local funding.

The TIP will be updated at least every two (2) years, and revised as needed. As approved by the SJUA PRMPO Policy Board Committee, the TIP is incorporated in the *Statewide Transportation Improvement Program (STIP)*.

The FY 2017-2020 SJUA TIP identifies transportation programs and projects totaling approximately \$158,586,212.73 to be implemented during the four-year program period. The projects included are those eligible for federal funding assistance, as well as regionally significant locally-funded projects. Also, the SJUA TIP can include significant projects that require action by the Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA), regardless of whether or not they are funded with federal funds.

#### PROJECT EVALUATIONS

The following criteria were utilized to evaluate the petitions received to be considered in the programing for FY 2017-2020 SJUA TIP:

- Compliance with FAST Act planning factors; and
- Consistency with Long Range Transportation Plan.

The PRHTA Central Planning and Coordination Work Group (CPCWG) with the SJUA Technical Committee reviewed and submitted for consideration of the PRMPO the list of projects to be including in the TIP.

#### FEDERAL HIGHWAY ADMINISTRATION (FHWA)

The Moving Ahead for Progress in the 21st Century Act (MAP-21), enacted in 2012, included provisions to make the Federal surface transportation more streamlined, performance-based, and multimodal, and to address challenges facing the U.S. transportation system, including improving safety, maintaining infrastructure condition, reducing traffic congestion, improving efficiency of the system and freight movement, protecting the environment, and reducing delays in project delivery. The FAST Act builds on the changes made by MAP-21.

Below is a more detailed summary of some FAST Act provisions.

**PROJECT DELIVERY:** DOT has been a leader in reducing the bureaucratic red tape that can stall and delay critical transportation projects from moving forward. The FAST Act adopted a number of Administration proposals to further speed the permitting processes while still protecting environmental and historic treasures and also codifying the online system to track projects and interagency coordination processes.

**FREIGHT:** The FAST Act would establish both formula and discretionary grant programs to fund critical transportation projects that would benefit freight movements. These programs are similar to what the Administration proposed and will for the first time provide a dedicated source of Federal funding for freight projects, including multimodal projects. The Act emphasizes the importance of Federal coordination to focus local governments on the needs of freight transportation providers.

**INNOVATIVE FINANCE BUREAU:** The FAST Act establishes a new National Surface Transportation and Innovative Finance Bureau within the Department to serve as a one-stop shop for state and local governments to receive federal funding,

financing or technical assistance. This builds on the work of the Department's Build America Transportation Investment Center and provides additional tools to improve coordination across the Department to promote innovative finance mechanisms. The Bureau is also tasked with responsibility to drive efficiency in the permitting process, consistent with our request to establish a dedicated permitting office.

**TIFIA:** The TIFIA Loan program provides important financing options for large projects and public-private partnerships. The FAST Act includes organizational changes that will provide an opportunity for important structural improvements with the potential to accelerate the delivery of innovative finance projects. However, FAST's cut to the TIFIA program could constrain growth in this area over the course of the bill.

**SAFETY:** The FAST Act includes authority sought by the Administration to prohibit rental car companies from knowingly renting vehicles that are subject to safety recalls. It also increased maximum fines against non-compliant auto manufactures from \$35 million to \$105 million. The law also will help bolster the Department's safety oversight of transit agencies and also streamlines the Federal truck and bus safety grant programs, giving more flexibility to States to improve safety in these areas. However, we know the bill also took a number of steps backwards in terms of the Department's ability to share data with the public and on the Department's ability to exercise aggressive oversight over our regulated industries.

**TRANSIT:** The FAST Act includes a number of positive provisions, including reinstating the popular bus discretionary grant program and strengthening the Buy America requirements that promote domestic manufacturing through vehicle and track purchases.

**LADDERS OF OPPORTUNITY:** The Act includes a number of items that strengthen workforce training and improve regional planning. These include allocating slightly more formula funds to local decision makers and providing planners with additional design flexibilities. Notably, FAST makes Transit Oriented

Development (TOD) expenses eligible for funding under highway and rail credit programs. TOD promotes dense commercial and residential development near transit hubs in an effort to shore up transit ridership and promote walkable, sustainable land use.

#### FEDERAL TRANSIT ADMINISTRATION (FTA)

MAP-21 transit program provisions further several important goals, including safety, state of good repair, performance, and program efficiency. MAP-21 gives the Federal Transit Administration (FTA) significant new authority to strengthen the safety of public transportation systems throughout the United States. The Act also puts new emphasis on restoring and replacing our aging public transportation infrastructure by establishing a new needs-based formula program and new asset management requirements. In addition, it establishes performance-based planning requirements that align Federal funding with key goals and tracks progress towards these goals.

Finally, MAP-21 improves the efficiency of administering grant programs by consolidating several programs and streamlining the major capital investment grant program known as "New Starts."

The FAST Act, reauthorizes FTA programs and includes changes to improve mobility, streamline capital project construction and acquisition, and increase the safety of public transportation systems across the country. The act's five years of predictable formula funding enables transit agencies to better manage long-term assets and address the backlog of state of good repair needs. It also includes funding for new competitive grant programs for buses and bus facilities, innovative transportation coordination, workforce training, and public transportation research activities.

#### **NEW PROGRAMS**

#### **Safety**

MAP-21 grants FTA the authority to establish and enforce a new comprehensive framework to oversee the safety of public transportation throughout the United States. FTA will develop safety performance criteria for all modes of public transportation

(rail, bus, etc.). The new law requires all recipients of FTA funding to develop agency safety plans that include performance targets, strategies, and staff training. For rural recipients, the plan may be drafted by the State. For small urban systems, FTA must issue a rule designating which small urban systems may have their safety plans drafted by the State. These measures and targets must be incorporated into metropolitan and statewide transportation plans and transportation improvement programs.

MAP-21 also grants FTA enforcement authority and permits FTA to issue directives, require more frequent oversight of transit systems, impose more frequent reporting requirements, and require that formula grant funds be spent to correct safety deficiencies before funds are spent on other projects.

#### **Asset Management Provisions**

MAP-21 requires FTA to define the term "state of good repair" and create objective standards for measuring the condition of capital assets, including equipment, rolling stock, infrastructure, and facilities. Based on that definition, FTA must then develop performance measures under which all FTA grantees will be required to set targets. All FTA grantees and their sub-recipients are required to develop transit asset management plans. These plans must include, at a minimum, capital asset inventories, condition assessments, and investment prioritization. Each designated recipient of FTA formula funding will be required to report on the condition of its system, any change in condition since the last report, targets set under the above performance measures, and progress towards meeting those targets. These measures and targets must be incorporated into metropolitan and statewide transportation plans and transportation improvement programs (TIPs).

#### **Emergency Relief**

This new program assists States and public transportation systems with emergency-related expenses. Emergencies are defined as natural disasters affecting a wide area or a catastrophic failure from an external cause for which the governor of a State has declared an emergency (and the Secretary of Transportation has concurred) or the President has declared a major disaster. The program funds capital projects to protect, repair, reconstruct, or replace equipment and facilities.

It also funds transit agency operating costs related to evacuation, rescue operations, temporary public transportation service, or changing public transportation route service before, during, or after an emergency in an area directly affected. The grants only cover expenses not reimbursed by the Federal Emergency Management Agency (FEMA). The program will provide immediate funding, similar to the FHWA emergency program. Funding will be appropriated by Congress as needed.

#### **Transit-Oriented Development Planning Pilot**

MAP-21 creates a new discretionary pilot program for transit-oriented development (TOD) planning grants. Eligible activities include comprehensive planning in corridors with new rail, bus rapid transit, or core capacity projects. The comprehensive plans should seek to enhance economic development, ridership, and other goals; facilitate multimodal connectivity and accessibility; increase access to transit hubs for pedestrian and bicycle traffic; enable mixed-use development; identify infrastructure needs associated with the project; and include private sector participation.

The following sections describe some of the various funding sources for FTA programs, which are including in this document:

- §5307 Urbanized Area Formula Grants
- §5310 Enhanced Mobility of Seniors and Individuals with Disabilities
- §5337 State of Good Repair Grants
- §5339 Bus and Bus Facilities Grants

#### **URBANIZED AREA FORMULA GRANTS (SECTION 5307)**

The PRHTA is the designated recipient of funds apportioned to the Puerto Rico SJUA. The funds are apportioned based on legislative formulas, with different formulas applying to UZAs with populations more than 200,000. The Puerto Rico SJUA apportionment formula is based on population and population density statistics from the most recent decennial census.

This program provides grants to urbanized areas to support public transportation. Funding is distributed by formula based on the level of transit service provision, population, and other factors. The section 5307 provides federal funds for capital, planning, job access and reverses commute projects, for public transportation in

urbanized area with a population of more than 200,000. The program remains largely unchanged with a few exceptions:

Job access and reverse commute activities now eligible

Activities eligible under the former Job Access and Reverse Commute (JARC) program, which focused on providing services to low-income individuals to access jobs, are now eligible under the Urbanized Area Formula program. These include operating assistance with a 50 percent local match for job access and reverse commute activities. In addition, the urbanized area formula for distributing funds now includes the number of low-income individuals as a factor. There is no floor or ceiling on the amount of funds that can be spent on job access and reverse commute activities.

Expanded eligibility for operating expenses for systems with 100 or fewer buses

MAP-21 expands eligibility for using Urbanized Area Formula funds for operating expenses. Previously, only urbanized areas with populations below 200,000 were eligible to use Federal transit funds for FTA of funding for operating expenses. Under MAP-21, a special rule allows recipients in urbanized areas with populations of 200,000 or above and that operate 100 or fewer buses in fixed route service during peak hours, to receive a grant for operating assistance subject to a maximum amount per system as explained below:

- a. Public transportation systems that operate a minimum of 76 buses and a maximum of 100 buses in fixed route service during peak service hours may receive operating assistance in an amount not to exceed 50 percent of the share of the apportionment that is attributable to such systems within the urbanized area, as measured by vehicle revenue hours.
- b. Public transportation systems that operate 75 of fewer buses in fixed route service during peak service hours may receive operating assistance in an amount not to exceed 75 percent of the share of the apportionment that is attributable to such systems within the urbanized area, as measured by vehicle revenue hours.

Eligibility for Safety Certification Training

The section 5307 funds are permitted to use not more than 0.5 percent of their formula funds under the Urbanized Area Formula Program to pay not more than 80%

of the cost of participation for an employee who is directly responsible for safety oversight to participate in public transportation safety certification training. Safety certification training program requirements will be established in accordance with section 5329.

## ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH DISABILITIES PROGRAM (SECTION 5310)

This program provides formula funding to increase the mobility of seniors and persons with disabilities. Funds are apportioned based on the Commonwealth share of the targeted populations and are now apportioned to the Commonwealth for areas under 200,000 and large urbanized areas (over 200,000). The former New Freedom program (5317) is folded into this program. The New Freedom program provided grants for services for individuals with disabilities that went above and beyond the requirements of the Americans with Disabilities Act (ADA). Activities eligible under New Freedom are now eligible under the Enhanced Mobility of Seniors and Individuals with Disabilities program.

Projects selected for funding must be included in a locally developed, coordinated public transit human services transportation plan; and the competitive selection process, which was required under the former New Freedom program, is now optional. At least 55 percent of program funds must be spent on the types of capital projects eligible under the former Section 5310 -- public transportation projects planned, designed, and carried out to meet the special needs of seniors and individuals with disabilities when public transportation is insufficient, inappropriate, or unavailable. The remaining 45 percent may be used for: public transportation projects that exceed the requirements of the ADA; public transportation projects that improve access to fixed-route service and decrease reliance by individuals with disabilities on complementary paratransit; or, alternatives to public transportation that assist seniors and individuals with disabilities. Using these funds for operating expenses requires a 50 percent local match while using these funds for capital expenses (including acquisition of public transportation services) requires a 20 percent local match.

## STATE OF GOOD REPAIR GRANTS (SECTION 5337)

MAP-21 establishes a new grant program to maintain public transportation systems in a state of good repair. This program replaces the fixed Guideway modernization program (Section 5309).

Funding is limited to Fixed Guideway systems (including rail, bus rapid transit, and passenger ferries) and high intensity bus (high intensity bus refers to buses operating in high occupancy vehicle (HOV) lanes.) Projects are limited to replacement and rehabilitation, or capital projects required to maintain public transportation systems in a state of good repair. Projects must be included in a transit asset management plan to receive funding. The new formula comprises: (1) the former Fixed Guideway modernization formula; (2) a new service-based formula; and (3) a new formula for buses on HOV lanes.

## BUS AND BUS FACILITIES FORMULA GRANTS (SECTION 5339)

A new formula grant program is established under Section 5339, replacing the previous Section 5309 discretionary Bus and Bus Facilities program. This program is a source of funding for the urbanized area, but replaces the previous discretionary program under which the transit system was able to obtain several large grants. The program provides funding to replace, rehabilitate, and purchase buses and related equipment as well as construct bus-related facilities.

#### LONG RANGE TRANSPORTATION PLAN CONSISTENCY

A primary consideration in the selection of projects is the consistency with the LRTP. The LRTP is a regional plan for surface transportation projects that are regional significance and address the projected surface transportation needs of Puerto Rico residents and visitors.

Using the LRTP as the starting point, major projects that were expected to be ready for implementation within the four-year TIP programming period, were considered by the SJUA PRMPO members. The PRMPO members requested project listings also included surface transportation projects and highways projects that are proposed to be funded with federal funds.

#### **REVISION TO THE TIP**

The following administrative provisions have been established in order to ensure timely implementation and oversight of the TIP. A revision refers to a change to the TIP that occurs as needed. A minor revision is an "administrative modification," while a major revision is an "amendment," as described below:

#### **ADMINISTRATIVE MODIFICATION**

Administrative modifications are minor revisions to the TIP. These types of revisions do not require solicitation of public comment or demonstration of financial constraint. However, the TIP must remain financially constrained, and administrative modifications must not result in the addition or deletion of another project, including the deferral of a project to a year that is outside of the four year TIP. Existent two types of administrative modifications: pre-approved and expedited.

#### PRE-APPROVED ADMINISTRATIVE MODIFICATIONS

To prevent TIP procedures from becoming overly burdensome, Federal regulations allow procedures for administrative modifications to be commensurate with its perceived impact. Recognizing the need to streamline the process for these minor changes, pre-approved administrative modifications, are true as long as the following conditions apply:

- The administrative modifications do not affect financial constraint of the TIP; and
- The administrative modification does not change the scope of the project or the environmental determination.

The following revision could be considered as administrative modifications:

- A. The source of federal funds designated for a project may be revised to reflect a different funding program administered by the same U.S. DOT operating agency.
- B. Federal funding for a project may be changed to local funding.
- C. The amount programmed for a project phase may be revised to reflect changes in cost estimates. Additional funding is limited to the littlest of 20 percent of the estimated total project cost or \$2 million.

- D. Additional federal funding, such as congressional earmarks or discretionary funds may be added to a project currently included in the TIP.
- E. In order to expedite project selection for implementation and ensure timely TIP implementation, projects may be advanced from their programmed year if they are "ready-to-go."
- F. Projects may be deferred to a later year if they are not "ready-to-go" as originally programmed.
- G. A project phase may be deleted or deferred to a year that is outside of the four -year TIP as long as another phase of the project remains in the TIP and the project's scope is not affected.
- H. Changes may be made to projects that are included in the TIP for illustrative purposes.
- I. A project's description may be revised or clarified as long as the project's scope is not affected.

#### EXPEDITED ADMINISTRATIVE MODIFICATIONS

Requests for expedited approval of administrative modifications are submitted directly to the PRMPO Policy Board Committee without solicitation of public comment. The administrative modification must not affect the financial constraint of the TIP.

Expedited administrative modifications include the following:

- A. Changing the scope of a project to accommodate environmental impact mitigation measures.
- B. Changing the size of revenue rolling stock (e.g. vans, 30' buses) if the changes results in a change in the total carrying capacity by 20 percent or less.
- C. Changing the quantity for revenue rolling stock that exceeds 20 percent (plus or minus) of the original quantity if the change in quantity results in a change in the total carrying capacity by 20 percent or less.

#### **AMENDMENTS**

In the Metropolitan Transportation Planning Final Rule an Amendment "means a revision to a long-range statewide or metropolitan transportation plan, TIP, or STIP that involves a major change to a project included in a metropolitan transportation plan, TIP, or STIP, including the addition or deletion of a project or a major change in project cost, project/project phase initiation dates, or a major change in design concept or design scope (e.g., changing project termini or the number of through traffic lanes). The changes to projects those are included only for illustrative purposes do not require an amendment. An amendment is a revision that requires public review and comment, re-demonstration of fiscal constraint, or a conformity determination (for metropolitan transportation plans and TIPs involving "non-exempt" projects in nonattainment and maintenance areas). In the context of a long-range statewide transportation plan, an amendment is a revision approved by the State in accordance with its public involvement process."

Major revisions include the following actions:

- A. Adding a project to the TIP/STIP.
- B. Deleting a project from the TIP/STIP, including deferring a project to a year that is outside of the four-year TIP/STIP.
- C. Significantly modifying the design concept or design scope of a programmed project (e.g., changing the project termini). For projects programmed with FTA funds, a change in a project's scope is considered "major" if the change materially alters the objective or description of the project, or the size, type, or quantity of items. Examples include:
  - 1. Changing from replacement buses to expansion buses (and versa);
  - 2. Changing the size of revenue rolling stock (e.g. vans, 30' buses) if the change results in a change in the total carrying capacity by more than 20 percent.
  - 3. Changing the quantity for revenue rolling stock that exceeds 20 percent (plus or minus) of the original quantity if the change in quantity results in a change in the total carrying capacity by more than 20 percent.

D. Revising the amount programmed for a project phase if it increases the estimated total project cost by more than 20 percent or \$2 million.

#### PROJECT FINANCIAL PLAN FOR FTA PROGRAMS

The annual element consists of the projects proposed for implementation during the first year program in this document from October 1, 2016 to September 30, 2017. The projects included reflect a multimodal approach in our efforts to alleviate transportation problems.

The estimated federal cost for projects, for FTA programs during the four fiscal years is \$158,586,212.73; distributed as follows:

		Fiscal	Yea	ars		
FTA Section	2017	2018		2019	2020	TOTAL
Section 5307	\$ 52,385,116.50	\$ 30,050,370.50	\$	18,751,676.67	\$ 18,009,650.97	\$ 119,196,814.63
Section 5310	\$ -	\$ 2,563,719.90	\$	-	\$ -	\$ 2,563,719.90
Section 5329	\$ 771,212.00	\$ -	\$	-	\$ -	\$ 771,212.00
Section 5337	\$ -	\$ 11,000,000.00	\$	5,000,000.00	\$ 5,000,000.00	\$ 21,000,000.00
Section 5339	\$ 3,884,003.00	\$ 6,034,584.00	\$	2,722,277.60	\$ 2,413,601.60	\$ 15,054,466.20
Total	\$ 57,040,331.50	\$ 49,648,674.40	\$	26,473,954.27	\$ 25,423,252.57	\$ 158,586,212.73

FTA federal assistance is distributed as follow:

#### SAN JUAN URBANIZED AREA APPORTIONMENT

SECTION 5307 AND 5340 UR	PRANIZED AREA
FY 2015 Apportionment	\$8,554,279.00
FY 2016 Apportionment	\$19,628,953.00
FY 2017 Apportionment	\$27,261,636.00
FY 2018 Apportionment	\$26,695,846.00
Total Funds Available	\$82,140,714.00
SECTION 5310 ENHANCED	MOBILITY OF
FY 2016 Apportionment	\$2,494,579.00
FY 2017 Apportionment	\$2,534,294.00
FY 2018 Apportionment	\$2,547,421.00
Total Funds Available	\$7,576,294.00
	. , ,
SECTION 5329 STATE SAFET	TY OVERSIGHT
FY 2014 Apportionment	\$1,595.00
FY 2016 Apportionment	\$303,543.00
FY 2017 Apportionment	\$298,570.00
FY 2018 Apportionment	\$297,050.00
Total Funds Available	\$900,758.00
SECTION 5337 HIGH INTENSITY	FIXED GUIDEWAY
FY 2015 Apportionment	\$6,393,833.00
FY 2016 Apportionment	\$7,239,637.00
FY 2017 Apportionment	\$6,876,943.00
FY 2018 Apportionment	\$7,952,222.00
Total Funds Available	\$ 28,462,635.00
SECTION 5339 BUS AND BU	
FY 2015 Apportionment	\$2,657,203.00
FY 2016 Apportionment	\$2,448,727.00
FY 2017 Apportionment	\$2,423,476.00
FY 2018 Apportionment	\$3,169,864.00
Total Funds Available	\$9,952,883.00

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP)

Fiscal Years 2017-2020

## FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

Section 5307

#### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

#### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

#### TRANSPORTATION IMPROVEMENT PROGRAM

#### FISCAL YEARS 2017 - 2020

#### Amendment #3 Administrative Modification

Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Repair and Maintenance to Kuilan and			F	320,000	-	-	-	320,000	No	Cartification Durana de la co	Carryover Funds FY 2013.
1	Guardarrama Public Transportation	Bayamón	2013	S	80,000	-	-	-	80,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration. TrAMS # 2008-
	Terminal, Phase I			Т	400,000	-	-	-	400,000		,	2016-1
				F	144,000		-	-	144,000			Carryover Funds \$144,000 FY
2	Improvement to Trolley Maintenance	Bayamón	2013	S	36,000		-	-	36,000	Narrative Justification	Certification Prepared by	2013 Application under FTA
	Garage, Phase II	•		Т	180,000		-	1	180,000	Submitted	the Municipality	Consideration. TrAMS # 2008- 2016-1
				F	1,420,000		-	-	1,420,000			
3	Improvement to Trolley Maintenance	Bayamón	2016	S	355,000		-	-	355,000	Narrative Justification	Certification Prepared by	Carryover Funds \$1,420,000
	Garage, Phase II-B			Т	1,775,000		-	1	1,775,000	Submitted	the Municipality	FY 2016
				F	-	28,849	29,137	29,429	87,415			
4	Maintenance of Transit fleet	Bayamón	2015	S	-	7,212	7,284	7,357	21,854	Narrative Justification	Certification Prepared by	FY 15, 16 & 17 with a total of \$84,563 in FTA Grant 2018-
	ee.	<i>Su</i> , uo		Т	-	36,061	36,422	36,786	109,269	Submitted	the Municipality	002-00
				F	-	65,939	66,598	67,264	199,802			
5	Operational Assistance for ADA	Bayamón	2015	S	-	16,485	16,650	16,816	49,950	Narrative Justification	Certification Prepared by	FY 15, 16 & 17 with a total of \$193,926 in FTA Grant 2018-
	Paratransit program	Dayamon	2013	Т	-	82,424	83,248	84,080	249,752	Submitted	the Municipality	002-00
	5 1			F	2,287,832			-	2,287,832	N	0 115 11 5 11	Carryover Funds \$1,143,916
6	Pedestrian Improvements on Dr. Veve Street	Bayamón	2015	S	571,958			-	571,958	Narrative Justification Submitted	Certification Prepared by the Municipality	FY 2016 Associate Transit
				Т	2,859,790			-	2,859,790			Improvements
7	Pedestrian and bicycle connection in	Davamás	2015	F	2,114,740	1,057,370			3,172,110	Narrative Justification	Certification Prepared by	Carryover Funds \$1,057,370 FY 2016
'	Santa Cruz Sector (Tren Urbano - PR-5 - Santa Cruz Street)	Bayamón	2015	S	528,685	264,343			793,028	Submitted	the Municipality	Associate Transit
	,			Т	2,643,425	1,321,713			3,965,138			Improvements

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

#### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

#### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

#### TRANSPORTATION IMPROVEMENT PROGRAM

#### FISCAL YEARS 2017 - 2020

#### Amendment #3 Administrative Modification

Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	50,800	45,450	45,905	46,364	188,518		0 115 11 0 11	
8	Preventive Maintenance for the Public Transportation Services	Caguas	2014	S	12,700	11,363	11,476	11,591	47,130	Narrative Justification Submitted	Certification Prepared by the Municipality	
				Т	63,500	56,813	57,381	57,954	235,648		, , , , , , , , , , , , , , , , , , , ,	
				F	106,366	89,890	90,789	91,697	378,742			
9	Provision of Paratransit Services	Caguas	2015	S	26,592	22,473	22,697	22,924	94,685	Narrative Justification Submitted	Certification Prepared by the Municipality	
				Т	132,958	112,363	113,486	114,621	473,427	<b>Gaz</b> imicea	ene mamorpaney	
				F	242,560	i	-	-	242,560			
10	Acquisition of two (2) Trolleys	Canóvanas	2015	S	60,640	1	-	-	60,640	Narrative Justification	Certification Prepared by	Subject to comply with FTA
	(2,			Т	303,200	1	-	-	303,200	Submitted	the Municipality	requirements.
				F	30,000	1	-	-	30,000			
11	Construction & Rehabilitation of #15 Bus	Canóvanas	2015	S	7,500	-	-	-	7,500	Narrative Justification	Certification Prepared by	Subject to comply with FTA
	Shelter	Curiovarias	2013	Т	37,500	-	-	-	37,500	Submitted	the Municipality	requirements.
				F	169,800	50,000	50,500	51,005	321,305			Carryover Funds \$80,000 FY
12	Preventive Maintenance for Public Transportation	Canóvanas	2015	S	42,450	12,500	12,625	12,751	80,326	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 & \$44,800 FY 2016. Subject to comply with FTA
	anoportation			Т	212,250	62,500	63,125	63,756	401,631	Gazimeea	ene mamorpaney	requirements.
				F	30,000	1	-	-	30,000			
13	Installation of GPS and radios trolley and paratransit Vehicle	Canóvanas	2015	S	7,500	1	-	-	7,500	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to comply with FTA requirements.
	·			Т	37,500	-	-	-	37,500		,	•
	Acquisition of Eight (8) Vehicles Two (2)			F	480,000	-	-	-	480,000			
	of (24 Passenger Capacity) Two (2) of			S	120,000	-	-	-	120,000	Narrative Justification	Certification Prepared by	Subject to comply with FTA
14	(14 Passenger Capacity) and Four (4) Mini Buses (16 Passenger Capacity) for Expansion Services	Canóvanas	2015	Т	600,000	-	-	-	600,000	Submitted	the Municipality	requirements and paratransit plan.

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	435,304	220,922	223,131	225,363	1,104,720	N	0 110 11	Carryover Funds \$216,569 FY
15	Preventive Maintenance	Carolina	2016	S	108,826	55,231	55,783	56,341	276,180	Narrative Justification Submitted	Certification Prepared by the Municipality	2016 Application under FTA Consideration TrAMS # 2038-
				Т	544,130	276,153	278,914	281,703	1,380,900		, , , , , , , , , , , , , , , , , , , ,	2017-1
				F	105,578	-	-	-	105,578	N	0 1:0 1:	
16	Additional Funds for the Rehabilitation of 19 buses	Carolina	2015	S	26,395	ı	-	-	26,395	Narrative Justification Submitted	Certification Prepared by the Municipality	
				Т	131,973	1	-	-	131,973		, , , , , , , , , , , , , , , , , , , ,	
				F	80,000	40,400	40,804	41,212	202,416			
17	Preventive Maintenance Cost for Transit System	Cataño	2016	S	20,000	10,100	10,201	10,303	50,604	Narrative Justification Submitted	the Municipality	Carryover Funds \$40,000 FY 2016
	.,			Т	100,000	50,500	51,005	51,515	253,020		, , , , , , , , , , , , , , , , , , , ,	
				F	114,594	28,112	28,393	28,677	199,776			Carryover Funds \$31,614 for FY 2013 & \$27,568 for FY
18	Preventive Maintenance Cost for Transit System	Cayey	2013	S	28,649	7,028	7,098	7,169	49,944	Narrative Justification Submitted	Certification Prepared by the Municipality	2014. FY 2013 & 2014 in Application under FTA
				Т	143,243	35,140	35,491	35,846	249,720			Consideration TrAMS # 5584- 2016-1

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Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	419,704	87,870	88,749	89,636	685,959			Carryover Funds \$86,368 for 2013, \$86,368 for FY 2014,
19	Provision of Paratransit Services in Accordance with ADA Regulations	Cayey	2013	S	104,926	21,968	22,187	22,409	171,490	Narrative Justification Submitted	Certification Prepared by the Municipality	\$79,984 FY 2015 & \$79,984 FY 2016. FY 2013 & 2014 in Application under FTA
				Т	524,630	109,838	110,936	112,045	857,449			Consideration TrAMS # 5584- 2016-1
				F	20,000	20,200	20,402	20,606	81,208			
20	Preventive Maintenance Cost for Transit System	Ciales	2017	S	5,000	5,050	5,101	5,152	20,302	Narrative Justification Submitted	Certification Prepared by the Municipality	
	System			Т	25,000	25,250	25,503	25,758	101,510	Submitted	the Manierpancy	
				F	10,000	-	-	-	10,000			
21	Purchase of Communication Equipment - One Mobile Radio	Ciales	2017	S	2,500	-	-	-	2,500	Narrative Justification Submitted	Certification Prepared by the Municipality	
	one Mobile Radio			Т	12,500	-	-	-	12,500	Submitted	the Wallerpuncy	
				F	7,000	-	-	-	7,000			
22	Acquisition of Equipment for the Maintenance of Transit Fleet	Ciales	2017	S	1,750	-	-	-	1,750	Narrative Justification Submitted	Certification Prepared by the Municipality	
	ivianice of Transie Fieed			Т	8,750	-	-	-	8,750	Submitted	the Wallerpuncy	
				F		15,150	15,302	15,455	45,907	_		
23	Preventive Maintenance Cost for Transit System	Cidra	2018	S		3,788	3,825	3,864	11,477	Narrative Justification Submitted	Certification Prepared by the Municipality	
	System			Т		18,938	19,127	19,318	57,383	Submitted	the widinerpunty	

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Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	117,355	-	-	-	117,355			Carryover Funds \$67,200 FY
24	Design and Construction of Eight (8) Bus	Corozal	2015	S	29,339	-	-	-	29,339	Narrative Justification	Certification Prepared by	2015 & \$50,155 FY 2016 in Application under FTA
	Stops	<b>3</b> 0102 <b>a</b> 1	2010	Т	146,694	-	1	1	146,694	Submitted	the Municipality	Consideration TrAMS # 5489- 2016-5
	Design Improvements to the Público			F	76,580	-	-	-	76,580			Carryover Funds \$76,580 FY
25	Vehicles Terminal at the Urban Center of Corozal - Improve pedestrian and	Corozal	2015	S	19,145	-	-	-	19,145	Narrative Justification Submitted	Certification Prepared by the Municipality	2016 in Application under FTA Consideration TrAMS #
	vehicle access.			Т	95,725	-	-	-	95,725		,	5489-2016-5
	Construction Improvements to the Público Vehicles Terminal at the Urban			F		143,420	-	-	143,420	Narrative Justification	Certification Prepared by	
26	Center of Corozal - Improve pedestrian	Corozal	2017	S	-	35,855	-	-	35,855	Submitted	the Municipality	
	and vehicle access.			Т	-	179,275	-	-	179,275			
				F	46,198	21,205	21,417	21,631	110,451			Carryover Funds \$9,446 FY 2015 & \$16,355 FY 2016 in
27	Preventive Maintenance for Transit Fleet	Corozal	2015	S	11,550	5,301	5,354	5,408	27,613	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA  Consideration TrAMS # 5489-
				Т	57,748	26,506	26,771	27,039	138,064			2016-5
				F	22,574	-	-	1	22,574			Carryover Funds \$22,574 FY
28	Construction of 4 signage for bus stops/shelters to expand trolley route	Corozal	2015	S	5,644	-	-	-	5,644	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 in Application under FTA Consideration TrAMS #
				Т	28,218	-	-	-	28,218			5489-2016-5

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

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Num.	Description	•	Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	119,250	-	-	-	119,250			Carryover Funds \$119,250 FY
29	Improvements to streets, municipal roads and sidewalk along one stop on fixed trolley route	Corozal	2015	S	29,813	-	-	-	29,813	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 in Application under FTA Consideration TrAMS # 5489-2016-5. Associate
	,			Т	149,063	-	-	-	149,063			Transit Improvements.
				F	76,273	25,308	25,561	25,817	152,959			Carryover Funds \$23,848 FY
30	Preventive Maintenance Cost for Transit Fleet	Dorado	2016	S	19,068	6,327	6,390	6,454	38,240	Narrative Justification Submitted	Certification Prepared by the Municipality	2015. \$27,614 FY 2016 in FTA
	i i dece			Т	95,341	31,635	31,951	32,271	191,198	Sasimeed	the Mamerpanty	Grant PR-2017-005-00
				F	197,843	68,603	69,289	69,982	405,717			Carryover Funds \$64,646 FY
31	Provision of Paratransit Services in Accordance with ADA Regulations	Dorado	2015	S	49,461	17,151	17,322	17,495	101,429	Narrative Justification Submitted	the Municipality	2015 & \$65,939 FY 2016 Total \$130,585 in FTA Grant PR-
				Т	247,304	85,754	86,611	87,477	507,146		, , , , , , , , , , , , , , , , , , , ,	2017-005-00
				F	-	727,213	-	-	727,213			Carryover Funds from FY
32	Replacement of nine (9) vehicles for New Midsize Transit Buses	Guaynabo	2014	S	1	181,803	-	-	181,803	Narrative Justification Submitted	Certification Prepared by the Municipality	2014 & 2015 in the amount of \$360K obligated for 3 of 9 vehicles in FTA Grant 2018-
				Т	-	909,016	-	-	909,016			003
				F		161,600	163,216	164,848	489,664			Carryover Funds from FY
33	Preventive Maintenance Cost for Transit Fleet	Guaynabo	2013	S	-	40,400	40,804	41,212	122,416	Narrative Justification Submitted	Certification Prepared by the Municipality	2014 & 2015 in the amount of \$360k were obligated in
				Т	-	202,000	204,020	206,060	612,080			FTA Grant 2018-003-00

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Num.	Description	,	Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
	·		Apportioned		2017	2018	2019	2020	Est. Cost	•		
				F	488,000	-	-	-	488,000			Carryover Funds \$488,000 FY
34	Repairs & Improvements of Public Transportation Terminal	Guaynabo	2013	S	122,000	-	-	-	122,000	Narrative Justification Submitted	Certification Prepared by the Municipality	2013 in Application under FTA Consideration TrAMS #
				Т	610,000	-	-	-	610,000			1905-2016-1
				F	27,000	11,000	11,110	11,221	60,331			Carryover Funds \$8,000 FY
35	Maintananca Evnancas	Gurabo	2015	S	6,750	2,750	2,778	2,805	15,083	Narrative Justification	Certification Prepared by	2015 & \$9,000 FY 2016 in Application under FTA
33	Maintenance Expenses	Gurabo	2015	Т	33,750	13,750	13,888	14,026	75,414	Submitted	the Municipality	Consideration TrAMS # 5489- 2016-5
				F	196,493	65,933	66,592	67,258	396,277			Carryover Funds FY 2015
36	Provision for paratransit service	Gurabo	2015	S	49,123	16,483	16,648	16,815	99,069	Narrative Justification Submitted	Certification Prepared by the Municipality	\$65,280 & \$65,280 in Application under FTA Consideration TrAMS # 5489-
				Т	245,616	82,416	83,240	84,073	495,346			2016-5.
				F	220,000	45,450	45,905	46,364	357,718			Carryover Funds \$135,000 FY
37	Preventive Maintenance Cost for Público Terminals	Humacao	2015	S	55,000	11,363	11,476	11,591	89,430	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 & \$40,000 FY 2016. FY 2015 in Application under FTA Consideration TrAMS #
				Т	275,000	56,813	57,381	57,954	447,148			5567-2016-1
				F	135,439	56,669	57,236	57,808	307,152			Carryover Funds \$23,400 for
38	Preventive Maintenance Cost for Transit Fleet	Humacao	2013	S	33,860	14,167	14,309	14,452	76,788	Narrative Justification Submitted	Certification Prepared by the Municipality	FY 2013, \$1,400 for FY 2014 & \$53,970 FY 2016. FY 2013 & 2014 in Application under FTA Consideration TrAMS #
				Т	169,299	70,836	71,545	72,260	383,940			5567-2016-1

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks	
			Apportioned		2017	2018	2019	2020	Est. Cost				
				F	340,000	85,850	86,709	87,576	600,134			Carryover Funds \$80,000 for FY 2013, \$90,000 FY 2014 &	
39	Provision of Paratransit Services in Accordance with ADA Regulations	Humacao	2013	S	85,000	21,463	21,677	21,894	150,034	Narrative Justification Submitted	Certification Prepared by the Municipality	\$85,000 FY 2016. FY 2013 & 2014 in Application under	
				Т	425,000	107,313	108,386	109,469	750,168			FTA Consideration TrAMS # 5567-2016-1	
	Replacement of Twelve (12) Bus			F	144,000	-	1	-	144,000			Carryover Funds FY 2013 in	
40	Passenger Shelter for Existing Trolley Route	Humacao	2013	S	36,000	-	•	1	36,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 5567-	
	koute			Т	180,000	-	-	-	180,000			2016-1	
	la stallation of 20 Due Change for New			F	8,640		-	-	8,640	Name time to at Coat in a	Contification Decreased by	Carryover Funds FY 2014 in	
41	Installation of 36 Bus Stops for New Trolley Routes	Humacao	2014	S	2,160		-	-	2,160	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 5567-	
	·			Т	10,800		-	-	10,800			2016-1	
				F	180,484	53,161	33,628	13,899	281,171				
42	Preventive Maintenance Cost for Nine (9) Vehicles	Juncos	2014	S	45,121	13,290	8,407	3,475	70,293	Narrative Justification Submitted	Certification Prepared by the Municipality		
				Т	225,604	66,451	42,035	17,374	351,464				
				F	215,450	65,650	66,307	66,970	414,376			Carryover Funds \$84,800 for	
43	Provision of Paratransit Services in Accordance with ADA Regulations	Juncos	2015	S	53,863	16,413	16,577	16,742	103,594	Narrative Justification Submitted	con Certification Prepared the Municipality	FY 2015 & \$65,000 FY 2016. FY 2015 in Application under	
				Т	269,313	82,063	82,883	83,712	517,970			FTA Consideration TrAMS # 3050-2016-1	

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Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	20,000		-	-	20,000	N	0 115 11 0 11	Carryover Funds FY 2013 in
44	Purchase of Equipment for Municipal  Transit Garage	Juncos	2013	S	5,000		-	-	5,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 3050-
				Т	25,000		-	-	25,000		, , , , , , , , , , , , , , , , , , , ,	2016-1
				F	4,000	-	-	-	4,000	N	0 115 11 0 11	Carryover Funds FY 2013 in
45	Purchase of Computer, Equipment and Radio Communication System	Las Piedras	2013	S	1,000	-	-	-	1,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 5489-
				Т	5,000	-	-	-	5,000		, , ,	2016-5
	Engineering, Design and Environmental			F	120,000	-	1	-	120,000			Carryover Funds FY 2016 in
46	Compliance for the Construction of	Las Piedras	2016	S	30,000	-	1	-	30,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 5489-
	Maintenance Facilities, Phase I			Т	150,000	-	1	-	150,000		,	2016-5
				F	-	61,882	61,882	61,882	185,646			
47	Provision of Paratransit Services in Accordance with ADA Regulations	Manatí	2017	S	-	15,471	15,471	15,471	46,412	Narrative Justification Submitted	Certification Prepared by the Municipality	FY 17 in FTA Grant 2018-001-00
				Т	-	77,353	77,353	77,353	232,058		,	
				F	-	33,406	33,406	33,406	100,218			
48	Preventive Maintenance Cost for Transit Fleet	Manatí	2017	S	-	8,352	8,352	8,352	25,055	Narrative Justification Submitted	Certification Prepared by the Municipality	FY 15, 16 & 17 in FTA Grant 2018-001-00
	ricet			Т	-	41,758	41,758	41,758	125,273	Susmitted	the Manicipality	2010 001-00

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Environmental Study, Design and			F	218,400	-	1	-	218,400			
49	Construction of Transfer Station and	Manatí	2017	S	54,600	-	-	-	54,600	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to complete Grant in TRAMs.
	Maintenance Garage			Т	273,000	-	-	-	273,000	<b>J</b> abilitica	ene mamorpaney	
	Additional Funds for the Acquisition of			F	-	146,400	-	-	146,400			
50	Land for the Construction of Transfer	Manatí	2018	S	-	36,600	-	-	36,600	Submitted	Certification Prepared by the Municipality	Subject to complete Grant in TRAMs.
	Station and Maintenance Garage			Т	-	183,000	-	-	183,000		, p,	
				F	100,000	100,000	-	-	200,000			
51	Administration and Employee Education and Training	MBA	2017	S	25,000	25,000	-	-	50,000	Narrative Justification Submitted		
				Т	125,000	125,000	-	-	250,000			
				F	18,000,000				18,000,000			
52	Preventive Maintenance for Motor Bus and Demand Respond Service	MBA	2016	S	4,500,000				4,500,000	Narrative Justification Submitted		Carryover Funds \$8,000,000 FY 2016
	and Demand nespond Service			Т	22,500,000				22,500,000	Jaanneed		2020
				F	300,000	-	-	-	300,000			
53	Acquisition of Surveillance Security Equipment	MBA	2017	S	75,000	-	-	-	75,000	Narrative Justification Submitted		
	=45.6.0000			Т	375,000	-	-	-	375,000	233		

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	300,000	-	-	1	300,000			
54	Bus Stop and Route Signing	MBA	2017	S	75,000	-	-	-	75,000	Narrative Justification Submitted		
				Т	375,000	-	-	-	375,000	Submitted		
				F	125,000	-	-	-	125,000			
55	Rehabilitation and Renovation Bus Terminal	MBA	2017	S	31,250	-	-	-	31,250	Narrative Justification Submitted		
	remma.			Т	156,250	-	-	-	156,250	250		
				F	-	9,000,000	15,000,000	15,000,000	39,000,000			
56	Preventive Maintenance Cost for Tren	PRHTA	2016	S	-	2,250,000	3,750,000	3,750,000	9,750,000	Narrative Justification		FY 2017 with 15M in FTA
	Urbano		2010	Т	-	11,250,000	18,750,000	18,750,000	48,750,000	Submitted		Grant 2017-024-00
	Cost Associated to parts, equipment and			F	1,000,000	-	-	-	1,000,000			
57	material for preventive maintenance	PRHTA	2016	S	250,000	-	-	-	250,000	Narrative Justification Submitted		
	acquired by First Transit			Т	1,250,000	-	-	-	1,250,000	Sasimetea		
				F	356,000				356,000			
58	Design and Installation of a Solar Energy Project for Tren Urbano	PRHTA	2017	S	89,000	-	-	-	89,000	Narrative Justification Submitted		
	Project for Tren Urbano			Т	445,000	-	-	-	445,000	332		

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	1,500,000	-	1	1	1,500,000			
59	Funds for Vessel Parts, Equipment and Drydocking	PRHTA/ATM	2017	S	375,000	-	-	-	375,000	Narrative Justification Submitted		
	2.,,0008			Т	1,875,000	-	-	-	1,875,000	<b>J</b> aanneed		
				F	800,000	-	-	-	800,000			
60	Surveillance and Security System for Terminal and Vessels	PRHTA/ATM	2017	S	200,000	-	-	-	200,000	Narrative Justification Submitted		
				Т	1,000,000	-	-	-	1,000,000	,000		
				F	1,500,000				1,500,000			
61	Preventive Maintenance and Related  Material Cost	PRHTA/ATM	2017	S	375,000	-	-	-	375,000	Narrative Justification Submitted		
	atena. eest			Т	1,875,000	-	-	-	1,875,000	Jaanneed		
				F	480,000	-	-	-	480,000			
62	Improvement to San Juan Maintenance Base	PRHTA/ATM	2017	S	120,000	-	-	-	120,000	Narrative Justification Submitted		
	2400			Т	600,000	-	-	-	600,000	Jaanneed		
	Rehabilitate, Rebuild and Maintain Ship	ntain Ship		F	3,996,110	-	-	-	3,996,110			
63			2017	S	999,028	-	-	-	999,028	Narrative Justification Submitted		
				Т	4,995,138	-	-	-	4,995,138			

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Num.	Description		Year	Α	nnual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	40,000	-	-	-	40,000			Carryover Funds FY 2013 in
64	Purchase of Two (2) Pick Up Truck	San Juan	2013	S	10,000	-	-	-	10,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 1886-
				Т	50,000	-	-	-	50,000		,	2016-1
				F	650,000	-	-	-	650,000	N	C 115 11 D 11	
65	Acquisition of Vehicles to Improve Public Transportation Services	San Juan	2017	S	162,500	-	-	-	162,500	Narrative Justification Submitted	Certification Prepared by the Municipality	
				Т	812,500	-	-	-	812,500		, , , , , , , , , , , , , , , , , , , ,	
				F	300,000		-	-	300,000			Carryover Funds FY 2014 in
66	Improvements to the Juan Palerm (East Terminal) Público Vehicles Terminal	San Juan	2014	S	75,000		-	-	75,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 1886-
				Т	375,000		-	-	375,000		, , , , , , , , , , , , , , , , , , , ,	2016-1
				F	1,160,350	585,977	591,837	597,755	2,935,919			Carryover Funds \$580,175 FY
67	Preventive Maintenance for Red Conecta	San Juan	2016	S	290,088	146,494	147,959	149,439	733,980	Narrative Justification Submitted	Certification Prepared by the Municipality	2016 in Application under FTA Consideration TrAMS # 1886-
	33331			Т	1,450,438	732,471	739,796	747,194	3,669,899		,	2016-1
				F	800,000	-	-	-	800,000			Carryover Funds \$800,000 FY
68	68 Replacement of four (4) trolley buses	San Juan	2015	S	200,000	-	-	-	200,000	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 in Application under FTA Consideration TrAMS # 1886-
				Т	1,000,000	-	-	-	1,000,000		,	2016-1

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Num.	Description	•	Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost	•		
				F	3,200,000	-	-	1	3,200,000			Carryover Funds \$3,200,000
				S	800,000	-	-	-	800,000			FY 2016 in Application under
69	Construction of Paseo Lineal Miramar- Condado	San Juan	2016	Т	4,000,000	-	-	-	4,000,000	Narrative Justification Submitted	Certification Prepared by the Municipality	FTA Consideration TrAMS # 1886-2016-1. Associated Transit Improvements-Bicycle paths
				F	106,020	-	-	-	106,020	Dudget Devision to Court DD	Contification Duament law	
70	Improvements to the Capetillo Terminal	San Juan	2017	S	26,505	-	-	-	26,505	Budget Revision to Grant PR- 90-X354-00	the Municipality	In Grant PR-90-X-354-00
				Т	132,525	-	-	-	132,525		, , , , , , , , , , , , , , , , , , , ,	
				F	120,600	61,206	61,818	62,436	306,060			
71	Preventive Maintenance Cost for Transit Fleet	San Lorenzo	2015	S	30,150	15,302	15,455	15,609	76,515	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$60,000 FY 2016
	1.000			Т	150,750	76,508	77,273	78,045	382,575	<b>Sub</b> tea	and manuspaney	
				F	72,107	72,121	72,842	73,571	290,641			
72	Provision of Paratransit Services in Accordance with ADA Regulations	San Lorenzo	2015	S	18,027	18,030	18,211	18,393	72,660	Narrative Justification Submitted	Certification Prepared by the Municipality	
	Accordance with AbA Negarations			Т	90,134	90,151	91,053	91,963	363,301	Submitted	the Manierpancy	
	Acquisition and Installation of a Virtual			F	231,200	-	-	-	231,200			
73	Camera System for the security in the	San Lorenzo	2017	S	57,800	-	-	-	57,800	Narrative Justification Submitted	Certification Prepared by the Municipality	
	Public Transportation Routes Stop Sites			Т	289,000	-	-	-	289,000	Submitted	the Municipality	
	Purchase & Installation of Stop and			F	135,360	-	-	-	135,360			
74	Street Signs for the three Public	San Lorenzo	2017	S	33,840	-	-	1	33,840	Narrative Justification Submitted	Certification Prepared by the Municipality	
	Transportation Routes			Т	169,200	-	-	-	169,200	Submitted	the Municipality	
	Purchase & Installation of Fiftheen (15)			F	48,000	-	-	-	48,000			
75	Shelters for the Public Transportation	San Lorenzo	2017	S	12,000	-	-	-	12,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
	helters for the Public Transportation San Lorer Route			Т	60,000	-	-	-	60,000	Jubillitted	the Municipality	

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Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	279,981	98,600	99,586	100,582	578,749			
76	Preventive Maintenance Cost for Transit Fleet	Toa Baja	2015	S	69,995	24,650	24,897	25,145	144,687	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$91,179 FY 2015 & \$91,178 FY 2016
				Т	349,976	123,250	124,483	125,727	723,436		,	
				F	12,200	-	-	-	12,200			- 1 4.0 000 51/
77	Radios Communication Units (5)	Toa Baja	2015	S	3,050	1	-	1	3,050	Narrative Justification Submitted	the Municipality	Carryover Funds \$12,200 FY 2015
				Т	15,250	1	-	-	15,250		, , , , , , , , , , , , , , , , , , , ,	
	Installation of four (4) Bus Shelter for			F	38,720	1	-	1	38,720			
78	the New Routes Candelaria Arenas and	Toa Baja	2015	S	9,680	1	-	1	9,680	Narrative Justification Submitted	the Municipality	Carryover Funds \$38,720 FY 2016
	Pájaros Ward			Т	48,400	1	1	1	48,400		, , , , , , , , , , , , , , , , , , , ,	
	0 (1)			F	24,000	1	-	-	24,000	N	0 115 11 0 11	Carryover Funds \$24,000 FY
79	One (1) support vehicle for oversight and support the Transit System	Toa Baja	2015	S	6,000	1	1	1	6,000	Narrative Justification Submitted	the Municipality	2015 in Application under FTA Consideration TrAMS # 5415-
	,,			Т	30,000	-	ı	-	30,000		, ,	2016-1
				F	586,676	228,757	231,045	233,355	1,279,833			Carryover Funds \$180,000 FY
90	Provision of Paratransit Sevices in	Top Baia	2015	S	146,669	57,189	57,761	58,339	319,958	Narrative Justification	Certification Prepared by	2015 & \$180,092 FY 2016. FY
80	Accordance with ADA Regulations	Toa Baja	2013	Т	733,345	285,946	288,806	291,694	1,599,791	Submitted	the Municipality	2015 in Application under FTA Consideration TrAMS # 5415- 2016-1

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			Apportioned		2017	2018	2019	2020	Est. Cost	·		
				F	542,010	-	-	-	542,010			Carryover Funds \$271,005 FY
				S	135,503	-	-	-	135,503			2015 & \$271,005 FY 2016. FY
81	Reconstruction for the sidewalks and handicap ramps for East route- Two (2) Phases.	Toa Baja	2015	Т	677,513	-	1	-	677,513	Narrative Justification Submitted	Certification Prepared by the Municipality	2015 in Application under FTA Consideration TrAMS # 5415- 2016-1 Associated Transit Improvements
	Purchase of 3 Cutaway <30 ft. 24			F	336,000	-	-	-	336,000			
82	passenger buses for New Routes	Toa Baja	2016	S	84,000	-	-	-	84,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$336,000 FY 2016
	Candelaria Arena and Pájaros Ward			Т	420,000	-	-	-	420,000	Submitted	the Manierpancy	2010
	Purchase of 2 Cutaway 30 ft. 24			F	280,000	-	-	-	280,000			
83	passenger buses for New Routes to Tren	Toa Baja	2015	S	70,000	-	-	-	70,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$280,000 FY 2016
	Urbano			Т	350,000	-	-	-	350,000	Submitted	the Manierpancy	2010
				F	128,000	-	-	-	128,000			
84	Purchase of two (2) Paratransit Minibus to meet additional ADA demand	Toa Baja	2017	S	32,000	-	-	-	32,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
	to meet additional ADA demand			Т	160,000	-	-	-	160,000	Submitted	the Manierpancy	
	Replacement of one (1) Trolley			F	256,000	288,000	-	-	544,000	Name at the state of the state	Contification Durant	C
85	damaged, two (2) Paratransit Minibuses Toa Baj	Toa Baja	2015	S	64,000	72,000	-	-	136,000	Narrative Justification Submitted	the Municipality	Carryover Funds \$128,000 FY 2015 & \$128,000 FY 2016
	and two (2) Trolley			Т	320,000	360,000	-	-	680,000			

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	5			F	407,000	-	1	-	407,000			
86	Renovation and repair of Público Terminal at Pueblo Ward	Trujillo Alto	2015	S	101,750	-	-	-	101,750	Narrative Justification Submitted	the Municipality	Carryover Funds \$407,000 FY 2015
				Т	508,750	-	-	1	508,750		, , , , , , , , , , , , , , , , , , , ,	
	Acquisition of Bus system TransTA, 15			F	1,320,000				1,320,000			
87	mini vans for Masive Transportation within the Municipality in five (5) fix	Trujillo Alto	2016	S	330,000	-	1	-	330,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$880,000 FY 2016
	routes.			Т	1,650,000	-	-	-	1,650,000	ouzeea	and manuspaney	2010
				F	288,000			-	288,000			Carryover Funds \$96,000 FY
88	Instalation of ten (10) Bus shelters for	Vega Alta	2015	S	72,000	-	-	-	72,000	Narrative Justification	Certification Prepared by	2015 & \$96,000 FY 2016. FY 2015 in Application under FTA
	fixed routes passengers in CDB	vega Aita	2013	Т	360,000	1	-	-	360,000	Submitted	the Municipality	Consideration TrAMS # 5462- 2016-1
				F	155,141	52,751	53,279	53,811	314,982			Carryover Funds \$51,200 FY
89	Preventive Maintenance for Transit Buses, Facilities and ADA	Vega Alta	2015	S	38,785	13,188	13,320	13,453	78,745	Narrative Justification	Certification Prepared by	2015 & \$51,712 FY 2016. FY 2015 in Application under FTA
	Complementary Paratransit activities	7 564 7 1144	2019	Т	193,926	65,939	66,598	67,264	393,727	Submitted	the Municipality	Consideration TrAMS # 5462- 2016-1
	Operational Assistance for ADA Complementary Paratransit Activities			F	139,385	47,394	47,868	48,347	282,994			Carryover Funds \$46,000 FY
90		Vega Alta	2015	S	34,846	11,849	11,967	12,087	70,748	Narrative Justification	Certification Prepared by	2015 & \$46,460 FY 2016. FY 2015 in Application under FTA
		j		Т	174,231	59,243	59,835	60,433	353,742	Submitted	the Municipality	Consideration TrAMS # 5462- 2016-1

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			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	179,600	76,960	77,730	78,507	412,796			
91	Preventive Maintenance Cost for Transit Fleet	Vega Baja	2015	S	44,900	19,240	19,432	19,627	103,199	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$57,000 FY 2015 & \$57,000 FY 2016.
				Т	224,500	96,200	97,162	98,134	515,996		, , , , , , , , , , , , , , , , , , , ,	,
				F	124,400	119,200	124,400	135,200	503,200			
92	Operation of Paratransit System in Compliance with ADA regulationss	Vega Baja	2017	S	31,100	29,800	31,100	33,800	125,800	Submitted	Certification Prepared by the Municipality	
	Compliance with ADA regulationss			Т	155,500	149,000	155,500	169,000	629,000	Submitted	the Municipality	
				F	280,000	-	-	-	280,000			Carryover Funds FY 2014 in
93	Acquisition of Two (2) Cutaway Bus (18-20 Passenger Capacity) for Replacement	Vega Baja	2015	S	70,000	-	-	-	70,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Application under FTA Consideration TrAMS # 5414-
				Т	350,000	-	-	-	350,000			2016-1
				F	125,000				125,000			Carryover Funds FY 2016 in
94	Repair and Rehabilitation of the Second Floor of the Public Transportation	Yabucoa	2016	S	31,250	-	-	-	31,250	Narrative Justification	Certification Prepared by	Application under FTA
	Terminal	100000		Т	156,250	-	-	-	156,250	Submitted	the Municipality	Consideration TrAMS # 5489- 2016-5
		_		F	-	83,093	-	-	83,093			
95	Improvements to the public transportation terminal	Aibonito	2018	S	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	transportation terminal			Т	-	83,093	-	-	83,093			

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Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Design and Engineering for the			F	-	50,400	-	-	50,400		-1	
96	Construction of	Aibonito	2018	S	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	Maintenance Facilities, Phase I			Т	-	50,400	-	-	50,400			
				F	-	ı	310,980	-	310,980			
97	Construction of the Maintenance Facilities, Phase II	Aibonito	2018	S	-	ı		-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	1	310,980	-	310,980		mad acon requested	
				F	-	ı	80,000	-	80,000	000 Narrative Justification		
98	Acquisition of Equipment and Tools for the Maintenance Facilities	Aibonito	2018	S	-	ı		-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	the Maintenance Facilities			Т	-	-	80,000	-	80,000	Submitted	nus seen requesteu	
	Design and Engineering for the			F	-	51,064	-	-	51,064			
99	Construction of	Barranquitas	2018	s	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	Maintenance Facilities, Phase I			Т	-	51,064	-	-	51,064			
				F	-	-	357,608	-	357,608			
100	Construction of the Maintenance Facilities,Phase II	Barranquitas	2018	s	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	Facilities,Phase II			Т	-	-	357,608	-	357,608			

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			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	-	36,000	-	-	36,000			
101	Light Duty Support Vehicle	Bayamón	2018	S	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	36,000	-	-	36,000			
	Operation and administrative			F	-	8,000		-	8,000			
102	equipment office of the paratransit	Bayamón	2018	S	-	-		-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	/territorial planning programs			Т	-	8,000	1	-	8,000		·	
				F		120,000		-	120,000			
103	Software for automatic transit development passanger	Bayamón	2018	s	-	1		-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	120,000	-	-	120,000		·	
				F	-	45,000			45,000			
104	Design & NEPA for Maintenance Facilities of SITUR	Canóvanas	2018	s	-	1			-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	45,000			45,000	Submitted	·	
				F	-	832			832			
105	5 Drugs and Alcohol Test	Carolina	2018	S		-			-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	832			832		·	

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			Apportioned		2017	2018	2019	2020	Est. Cost			
				F		1,800			1,800			
106	Drivers and Physical Examination	Carolina	2018	S	-	-			ı	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	1,800			1,800		•	
				F	-	3,360			3,360			
107	Employee Education Training	Carolina	2018	S	-	-			1	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	3,360		-	3,360		•	
				F		22,800			22,800			
108	Intelligent Transportation System- Monthly Payment Support	Carolina	2018	S		-			1	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т		22,800			22,800			
				F	-	24,320			24,320			
109	Security Cameras/DVR System- Monthly Payment Support	Carolina	2018	S	-	-			1	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	24,320			24,320			
				F		10,000	10,000		20,000	),000 Nouvetine Instification	The same of Tall Consider	
110	.0 Repair of Bus Wash Facilities	Carolina	2018	S		-			-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	10,000	10,000		20,000	Submitted	nas seen requested	

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Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Replacing Communications Equipment	Carolina		F		28,983			28,983	Narrative Justification Submitted	The use of Toll Credits has been requested	
111			2018	S	-	-			-			
				Т	-	28,983			28,983		·	
				F	-	29,589			29,589	Narrative Justification Submitted		
112	Rehabilitation of Barrazas Bus Terminal Facilities	Carolina	2018	s	-	-			-			
	radinales			т	-	29,589			29,589	ousee		
				F		78,400			78,400			
113	Rehabilitation of Bus Drivers Rest Area	Carolina	2018	S		1			-	Narrative Justification Submitted		
				Т		78,400			78,400			
	Bus Rehabilitation	Carolina		F	-	640,000	-	-	640,000	Narrative Justification Submitted		
114			2018	S	-	-	-	-	-			
				Т	-	640,000	-	-	640,000			
	Operational Assistance for ADA Paratransit Services	Cataño		F	-	64,000	64,000	64,000	192,000	Narrative Justification Submitted	n The use of Toll Credits	
115			2018	S		-			-			
				Т	-	64,000	64,000	64,000	192,000			
	Construction of sidewalks and Ramps,			F	-	175,532			175,532	Narrative Justification Submitted		
116	Removal of architectural Barriers along	Cayey	2018	S		-			-			
	the Trolley Route			Т	-	175,532	-	-	175,532			
	Design and Construction of Five Bus			F	-	104,513	-		104,513	Narrative Justification	The use of Tall Credits	
117	Shelters and Signage for Dos Bocas	Corozal	2018	S		-	-		-	Submitted		
	New Route			Т	-	104,513	-	-	104,513			
	Design and Construction of Sidewalks			F		156,800			156,800	Narrative Justification Submitted	The use of Tell Credits	
118	along Shelter and Stops; Eldery Center,	Corozal	2018	S	-	-			-		The use of Toll Credits has been requested	
	City Hall & Dos Bocas.			Т	-	156,800	-	-	156,800			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

#### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

#### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

#### TRANSPORTATION IMPROVEMENT PROGRAM

#### FISCAL YEARS 2017 - 2020

#### **Amendment #3 Administrative Modification**

Num.	Description		Year		Annual Element	Thre	ee Years Program		Total	Project Justification	Source of Local Funds	Remarks				
			Apportioned		2017	2018	2019	2020	Est. Cost							
119	Operational Assistance for ADA Parantrasit	Corozal		F	-	22,992	22,992	22,992	68,976		The use of Toll Credits has been requested					
			2018	S	-	1	-	-	-	Narrative Justification Submitted						
				Т	-	22,992	22,992	22,992	68,976							
	Acquisition of One (1) 16 Passenger Bus for Fixed Route; Dos Bocas New Route			F	•	200,000			200,000	Narrative Justification Submitted	The use of Toll Credits has been requested					
120			2018	S	-	-										
	and One (1) Paratransit 11 Passenger			Т	•	200,000	-	-	200,000							
	Identification of Bus Stops for the Campo y Pueblo Fixed Route Service	Dorado		F	-	6,531	-		6,531	Narrative Justification Submitted	The use of Toll Credits has been requested					
120			2018	S		1	-		-							
	,			Т	-	6,531	-	-	6,531							
		perational Assistance for ADA Paratransit Services Guaynabo						F	-	93,726	93,726	93,726	281,179			
121	Operational Assistance for ADA Paratransit Services		2018	S		1			-	Narrative Justification Submitted	The use of Toll Credits has been requested					
				Т		93,726	93,726	93,726	281,179							
	Design Improvements to Sidewalks on	Improvements to Sidewalks on Fixed Trolley Route		F	-	96,000	-	-	96,000							
122			2018	S		1	-	-	-	Narrative Justification Submitted	n The use of Toll Credits has been requested					
				Т		96,000	-	-	96,000							

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

#### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

#### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

#### TRANSPORTATION IMPROVEMENT PROGRAM

#### FISCAL YEARS 2017 - 2020

#### **Amendment #3 Administrative Modification**

Num.	Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Design, Environmental Compliance and Construction of Paseo Lineal at Jaguas Ward	Gurabo		F	-	40,800	-	-	40,800	Narrative Justification Submitted	The use of Toll Credits has been requested	
123			2018	S	-	-	-	-	-			
				Т	-	40,800	-	-	40,800			
	Purchase of Computer Equipment and Radio Communication System			F	-	14,728	-	-	14,728	Narrative Justification Submitted	The use of Toll Credits has been requested	
124		Humacao	2018	S		-	-	-	-			
				Т		14,728	-	-	14,728			
	Purchase of Equipment for Municipal Transit Garage	Humacao		F	-	1,760	-	-	1,760	Narrative Justification Submitted	The use of Toll Credits has been requested	
125			2018	S	-	1	-	-	-			
				T	-	1,760	-	-	1,760			
	Replacement of Two(2) 30 Ft vehicles			F	-	320,000	-	-	320,000	Narrative Justification Submitted	The use of Toll Credits has been requested	
20		Juncos	2018	S		1	-	-	-			
				Т		320,000	1	-	320,000			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

#### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

#### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

#### TRANSPORTATION IMPROVEMENT PROGRAM

#### FISCAL YEARS 2017 - 2020

#### **Amendment #3 Administrative Modification**

Num.	m. Description		Year		Annual Element	Thre	e Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost	·		
	Construction of Maintenance Facilities, Phase II	Las Piedras		F	-	284,000	-	-	284,000	Narrative Justification Submitted	The use of Toll Credits has been requested	
126			2018	S	-	-	-	-	-			
				Т	-	284,000	-	-	284,000		·	
	Preventive Maintenance Costs for			F	-	173,844		-	173,844	Narrative Justification Submitted		
127	Public Transportation Terminals	Manatí	2018	S		-		-	-			
	•			T		173,844		-	173,844			
	Construction Ramps and			F	-	453,636		-	453,636		The use of Toll Credits has been requested  The use of Toll Credits has been requested	
128	Reconstruction Sidewalks along Trolley	San Lorenzo	2018	S		-		-	-	Narrative Justification Submitted		
	Route			Т		453,636		-	453,636			
	Improvements to Access - Bus shelters on Fixed Routes Services (20 stops)	Vega Baja		F	-	320,000		-	320,000	Narrative Justification Submitted		
129			2018	S		-		-	-			
	on tixed houses services (20 stops)			Т		320,000		-	320,000	Submitted		
	Signage for Bus Stops, Route Information and Cross Walks on Fixed	Vega Baja		F	-	24,000	-	-	24,000	Narrative Justification Submitted		
130			2018	S	-	-	-	-	-			
	Routes			Т	-	24,000	-	-	24,000	Jubilitea	nas been requested	
				F	-	10,000	10,000	10,000	30,000			
131	Preventive Maintenance	Yabucoa	2018	S		-			-	Narrative Justification Submitted		
				Т	-	10,000	10,000	10,000	30,000	Jubilitea	nas been requested	
				F		12,000,000	-	-	12,000,000			
132	Preventive Maintenance for the Fixed  Route and Paratransit Fleet	MBA	2018	S	-	-			-	Narrative Justification Submitted		
				Т	-	12,000,000	-	-	12,000,000	Japinittea	nas seen requested	
Total Federal Funds:					52,385,117	30,050,371	18,751,677	18,009,651	119,196,815			
	Total State or Local Funds:				13,096,279	-	-	-	-			
Total					65,481,396	33,613,838	23,202,269	22,464,383	144,761,886			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP) Fiscal Years 2017-2020

## FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

Operating Assistance Special Rule
Section 5307

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year	Ar	nnual Element	Thre	ee Years Progra	ım	Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	3,371,330				3,371,330			
1	Operating Assistance Special Rule	PRHTA/ATI	2014	S	3,371,330		-	-	3,371,330			Carryover Funds \$1,661,361 FY 2015 & \$1,709,969 FY 2016
				Т	6,742,660		-	-	6,742,660			2010 & \$1,700,500 1 1 2010
				F	179,974				179,974			
2	On anation Assistance Consid Duly	Carria	2015	S	179,974		-	-	179,974			Carryover Funds \$69,630 FY 2015.
2	Operating Assistance Special Rule	Caguas	2015	Т	359,948		-	-	359,948			\$110,344 FY 2016 in Fta Grant PR- 2017-003-00
				F	447,721				447,721			
		6 1	2016	S	447,721		-	-	447,721			Carryover Funds \$ 447,721 FY
3	Operating Assistance Special Rule	Carolina	2016	Т	895,442		-	-	895,442			2016.
				F	53,114				53,114			
4	On another Assistance Consist Rule	Carren	2016	S	53,114		-	-	53,114			C
4	Operating Assistance Special Rule	Cayey	2016	Т	106,227		-	-	106,227			Carryover Funds \$ 53,114 FY 2016.
				F	54,132				54,132			
_		6: 1	2016	S	54,132		-	-	54,132			
5	Operating Assistance Special Rule	Cidra	2016	Т	108,263		-	-	108,263			Carryover Funds \$ 54,132 FY 2016.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year	Aı	nnual Element	Thre	ee Years Progra	am	Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F	61,691				61,691			Carryover Funds \$30,881 FY 2015 &
6	Operating Assistance Special Rule	Dorado	2015	S	61,691		-	-	61,691			\$30,810 FY 2016. \$20,559 in FTA
				Т	123,382		-	-	123,382			Grant PR-2017-005-00
				F	713,537				713,537			Carryover Funds \$337,643 FY 2015
	Ou souting Assistance Consist Bull	Cuaumaha	2015	S	713,537	1	-	-	713,537			& \$375,894 FY 2016. FY 2015 in
,	Operating Assistance -Special Rule	Guaynabo	2015	Т	1,427,075	-	-	-	1,427,075			Application under FTA Consideration. TrAMS # 1905-2016- 1
				F	36,884				36,884			
8	Operating Assistance -Special Rule	Gurabo	2015	S	36,884	-	-	-	36,884			Carryover Funds \$10,954 FY 2015 & \$20,431 FY 2016
				Т	73,769	•	-	-	73,769			<del>+ + + + + + + + + + + + + + + + + + + </del>
				F	149,268				149,268			Carryover Funds \$50,026 FY 2014,
				S	149,268		-	-	149,268			\$47,701 FY 2015 & \$51,541 FY
9	Operating Assistance Special Rule	Humacao	2014	Т	298,535		-	-	298,535			2014 & 2015 in Application under FTA Consideration TrAMS # 5567- 2016-1

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year	Α	nnual Element	Thre	ee Years Progra	ım	Total	Project Justification	Source of Local Funds	Remarks
	•		Apportioned		2017	2018	2019	2020	Est. Cost	•		
				F	121,408				121,408			Carryover Funds \$57,333 FY 2015
				S	121,408		-	-	121,408			& \$64,074 FY 2016. FY 2015 in
10	Operating Assistance Special Rule	Juncos	2015	Т	242,816		-	-	242,816			Application under FTA Consideration. TrAMS # 3050-2016- 1
				F	718,528				718,528			Carryover Funds \$214,967 FY 2014,
				S	718,528	-	-	-	718,528			\$227,614 FY 2015 & \$275,947 FY
12	Operating Assistance -Special Rule	San Juan	2014	Т	1,437,056	-	-	-	1,437,056			2016. FY 2015 in Application under FTA Consideration TrAMS # 1886- 2016-1
				F	96,613				96,613			Carryover Funds \$37,038 FY 2015 &
13	Operating Assistance Special Rule	San Lorenzo	2014	S	96,613		-	-	96,613			\$59,576. \$60,658.00 in FTA Grant
				Т	193,226		-	-	193,226			PR-2017-009-00
				F	183,119				183,119			
14	Operating Assistance Special Rule	Toa Baja	2014	S	183,119			-	183,119			Carryover Funds \$88,397 FY 2015 & \$94,721 FY 2016
				Т	366,237			-	366,237			\$ 94,721 FT 2010
				F	62,258				62,258			Carry over Funds \$17,833 FY 2015
				S	62,258	-	-	-	62,258			& \$44,425 FY2016. FY 2015 in
15	Operating Assistance -Special Rule	Vega Alta	2015	Т	124,516	-	-	-	124,516			application under FTA Consideration. TrAMS # 5462-2016- 1
				F	140,726				140,726			
16	Operating Assistance -Special Rule	Vega Baja	2015	S	140,726	-	-	-	140,726			Carryover Funds \$75,743 FY 2015 & \$64,983 FY 2016
				Т	281,453	-	-	-	281,453			Ç04,56311 2010

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

## FISCAL YEARS 2017 - 2020 Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		nnual Element	Thre	ee Years Progra	ım	Total	Project Justification	Source of Local Funds	Remarks
	•		Apportioned		2017	2018	2019	2020	Est. Cost	•		
	Operating Assistance -Special			F	-	63,502			63,502			
17	Rule	Dorado	2018	S	-	63,502	-	-	63,502			
				Т	-	127,004	-	•	127,004			
				F	-	56,468			56,468			
18	Operating Assistance -Special Rule	Cayey	2018	S	-	56,468			56,468			
				Т	-	112,936			112,936			
				F	-	338,015			338,015			
19	Operating Assistance -Special Rule	Guaynabo	2018	S	-	338,015			338,015			
				Т	-	676,030			676,030			
				F	-	80,258			80,258			
20	Operating Assistance -Special Rule	Juncos	2018	S	-	80,258	-	-	80,258			
				Т	-	160,516	-	-	160,516			
	Onematina Assistance Cassial			F	-	42,783			42,783			
21	Operating Assistance -Special Rule	Manati	2018	S	-	42,783			42,783			
				Т	-	85,566			85,566			
	Operating Assistance -Special			F	-	222,857			222,857			
22	Rule	Toa Baja	2018	S	-	222,857			222,857			
				Т	-	445,714			445,714			
	Operating Assistance -Special			F	-	53,323			53,323			
23	Rule	Vega Alta	2018	S	-	53,323	-	-	53,323			
				Т	-	106,646	-	-	106,646			
	Operating Assistance -Special			F	-	47,515			47,515			
24	Rule	San Lorenzo	2018	S	-	47,515	-	-	47,515			
				Т	-	95,030	-	-	95,030			
			6,390,303	904,721	-	-	7,295,024					
			6,390,303	904,721	-	-	7,295,024					
		Total			12,780,605	1,809,442	-	-	14,590,047			

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP) Fiscal Years 2017-2020

# FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

Section 5310

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year	- 1	Annual Element	Three	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F		270,000	_	_	270,000			
	Acquisition of Three (3) Mini Buses			s			_	_	-	Narrative Justification		
1	(16 Passengers Capacity) for the	PRHTA	2018	Ť						Prepared by the	Toll Credits	
	Municipality of Bayamón			Т		270,000	-	-	270,000	Municipality		
				F		180,000	-	-	180,000			
2	Acquisition of Two (2) Mini Buses (16 Passengers Capacity) for the	PRHTA	2018	s			-	-	-	Narrative Justification Prepared by the	Toll Credits	
	Municipality of Cataño	PRITIA	2018	_		180,000	_	_	180,000	Municipality	Ton Credits	
				'		180,000	-	-	180,000			
				F		8,184	-	-	8,184			
3	Preventive Maintenance for 5310 Transit Fleet for the Municipality of	PRHTA	2018	S			-	-	-	Narrative Justification Prepared by the	Toll Credits	
	Corozal			т		8,184	-	-	8,184	Municipality		
				F		240,000	-	-	240,000			
	Acquisition of Three (3) Vans (11 Passengers Capacity) for the	PRHTA	2018	s		-	-	-	-	Narrative Justification Prepared by the	Toll Credits	
4	Municipality of Juncos	PRITIA	2018	т		240,000	-	-	240,000	No I al Illa	roii Credits	
				F		263,508	-	-	263,508			
_	Acquisition of Three (3) Vehicles, Two (2) Vans (11 Passengers			s		-	-	-	-	Narrative Justification		
5	Capacity) and One (1) Mini Bus (16 Passenger Capacity) for the Municipality of Loíza	PRHTA	2018	т		263,508	-	-	263,508	Prepared by the Municipality	Toll Credits	
				F		240,000	-	-	240,000			
	Acquisition of Three (3) Vans (11	DDUTA	2010	s		-	-	-	-	Narrative Justification	Tall Coadles	
6	Passengers Capacity) for the Municipality of Vega Baja	PRHTA	2018	т		240,000	-	-	240,000	Prepared by the Municipality	Toll Credits	

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### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element	Three	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
7	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of Aibonito			S		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		8,800	-	-	8,800	,	Ton creates	
8	Operational Assistance for 5310	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of Aibonito			s	1	-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		26,200	-	-	26,200	.viaincipancy	Ton creates	
9	Preventive Maintenance for 5310	PRHTA	2018	F		13,200	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of Cidra			s		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		13,200	-	-	13,200			
10	Operational Assistance for 5310	PRHTA	2018	F		39,300	-	-	39,300	Narrative Justification		
	Transit Fleet for the Municipality of Cidra			S		-	=	-	-	Prepared by the Municipality	Toll Credits	
				Т		39,300	-	-	39,300	, ,		
11	Preventive Maintenance for 5310 Transit Fleet for the Municipality of	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification Prepared by the		
	Maunabo			S		-	-	-	-	Municipality	Toll Credits	
				Т		8,800	-	-	8,800			
12	Operational Assistance for 5310 Transit Fleet for the Municipality of	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification Prepared by the		
	Maunabo			S		-	-	-	-	Municipality	Toll Credits	
				Т		26,200	-	-	26,200			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element	Three '	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
13	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of Salinas			S		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		8,800	-	-	8,800			
14	Operational Assistance for 5310	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of Salinas			S		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		26,200	-	-	26,200	,		
15	Preventive Maintenance for 5310	PRHTA	2018	F		26,400	•	-	26,400	Narrative Justification		
	Transit Fleet for the Municipality of San Juan			S		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		26,400	•	-	26,400	,		
16	Operational Assistance for 5310	PRHTA	2018	F		78,600	•	-	78,600	Narrative Justification		
	Transit Fleet for the Municipality of San Juan			S		i i	ı	-	ı	Prepared by the Municipality	Toll Credits	
				Т		78,600	•	-	78,600			
17	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	•	-	4,400	Narrative Justification		
	Transit Fleet for Centro Ramón Frade (Municipality of Cayey)			S		1	•	-	1	Prepared by the Municipality	Toll Credits	
				Т		4,400	-	-	4,400	, ,		
18	Operational Assistance for 5310 Transit Fleet for Centro Ramón	PRHTA	2018	F		13,100	•	-	13,100	Narrative Justification		
	Frade (Municipality of Cayey)			S		-	-	-	-	Prepared by the Municipality	Toll Credits	
				Т		13,100	-	-	13,100	, ,		

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element	Three '	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
19	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for Fundación Modesto Gotay (Trujillo Alto)			s		-	-	-	-	Prepared by the Entity	Toll Credits	
	modesto cotta, (majimo nato,			Т		4,400	-	-	4,400			
20	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for Fundación Modesto Gotay (Trujillo Alto)			S		-	-	-	-	Prepared by the Entity	Toll Credits	
	, (,,			Т		13,100	-	-	13,100			
21	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for the Municipality of Trujillo Alto			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		4,400	-	-	4,400			
22	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for the Municipality of Trujillo Alto			S			ı	-	ı	Prepared by the Entity	Toll Credits	
	Trujillo Alto			Т		13,100	ı	•	13,100			
23	Additional Funds for Preventive	PRHTA	2018	F		8,800	•	-	8,800	Narrative Justification		
	Maintenance for 5310 Transit Fleet for the Municipality of Corozal			S		ē	•	-	ı	Prepared by the Entity	Toll Credits	
	, ,			Т		8,800	ı	•	8,800			
24	Operational Assistance for 5310	PRHTA	2018	F		26,200	•	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of Corozal			S		-	•	-	-	Prepared by the Entity	Toll Credits	
				Т		26,200	-	-	26,200			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element	Three '	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
25	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of Humacao			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		8,800	-	-	8,800			
26	Operational Assistance for 5310	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of Humacao			S		ı	•	-	-	Prepared by the Entity	Toll Credits	
				Т		26,200	•	-	26,200			
27	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of Toa Baja			S		i i	•	-	ı	Prepared by the Entity	Toll Credits	
	·			Т		8,800	•	-	8,800			
28	Operational Assistance for 5310	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of Toa Baja			S		ı	•	-	•	Prepared by the Entity	Toll Credits	
				Т		26,200	-	-	26,200			
29	Preventive Maintenance for 5310	PRHTA	2018	F		22,000	-	-	22,000	Narrative Justification		
	Transit Fleet for the Municipality of Río Grande			s		1	-	-	-	Prepared by the Entity	Toll Credits	
				Т		22,000	-	-	22,000			
30	Operational Assistance for 5310	PRHTA	2018	F		65,500	-	-	65,500	Narrative Justification Prepared by the Entity		
	Transit Fleet for the Municipality of Río Grande			S		ı	-	-	-	Prepared by the Entity	Toll Credits	
				Т		65,500	-	-	65,500			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element	Three	Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
31	Preventive Maintenance for 5310	PRHTA	2018	F		22,000	-	-	22,000	Narrative Justification		
	Transit Fleet for the Municipality of Vega Baja			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		22,000	-	-	22,000			
32	Operational Assistance for 5310	PRHTA	2018	F		65,500	-	-	65,500	Narrative Justification		
	Transit Fleet for the Municipality of Vega Baja			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				T		65,500	-	-	65,500			
33	Preventive Maintenance for 5310	PRHTA	2018	F		13,200	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of Cataño			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				T		13,200	-	-	13,200			
34	Operational Assistance for 5310 Transit Fleet for the Municipality of	PRHTA	2018	F		39,300	-	-	39,300	Narrative Justification Prepared by the Entity		
	Cataño			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		39,300	-	-	39,300			
35	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of Aguas Buenas			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		8,800	-	-	8,800			
36	Operational Assistance for 5310 Transit Fleet for the Municipality of	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification Prepared by the Entity		
	Aguas Buenas			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		26,200	-	-	26,200			

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### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element		Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
37	Preventive Maintenance for 5310	PRHTA	2018	F		8,800	-	-	8,800	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity	Toll Credits	
	Barranquitas			Т		8,800	-	-	8,800		Ton Creates	
38	Operational Assistance for 5310	PRHTA	2018	F		26,200	-	-	26,200	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity		
	Barranquitas			Т		26,200	-	-	26,200		Toll Credits	
39	Preventive Maintenance for 5310	PRHTA	2018	F		13,200	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity	- II 6 II	
	Gurabo			T		13,200	-	-	13,200		Toll Credits	
40	Operational Assistance for 5310	PRHTA	2018	F		39,300	-	-	39,300	Narrative Justification		
	Transit Fleet for the Municipality of			s		-	-	-	-	Prepared by the Entity		
	Gurabo			Т		39,300	-	-	39,300		Toll Credits	
41	Preventive Maintenance for 5310	PRHTA	2018	F		17,600	-	-	17,600	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity	Toll Credits	
	Caguas			T		17,600	-	-	17,600		Ton Credits	
42	Operational Assistance for 5310	PRHTA	2018	F		52,400	-	-	52,400	Narrative Justification		
	Transit Fleet for the Municipality of			s		-	-	-	-	Prepared by the Entity	Toll Credits	
	Caguas			Т		52,400	-	-	52,400		Toll Credits	
43	Preventive Maintenance for 5310	PRHTA	2018	F		13,200	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity	Toll Credits	
	Bayamón			Т		13,200	-	-	13,200			
44	Operational Assistance for 5310	PRHTA	2018	F		39,300	-	-	39,300	Narrative Justification		
	Transit Fleet for the Municipality of			s		-	-	-	-	Prepared by the Entity	Toll Credits	
	Bayamón			T		39,300	-	-	39,300		Ton Creates	
45	Preventive Maintenance for 5310	PRHTA	2018	F		13,200	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of			S		-	-	-	-	Prepared by the Entity	- " a ":	
	Juncos			ľ		13,200	-	-	13,200		Toll Credits	

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year	Annual El		Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned	20	2018	2019	2020	Est. Cost			
46	Operational Assistance for 5310	PRHTA	2018	F	39,30	-	-	39,300	Narrative Justification		
	Transit Fleet for the Municipality of			S	-	-	-	-	Prepared by the Entity	Toll Credits	
	Juncos			Т	39,300	-	-	39,300		Ton Credits	
47	Preventive Maintenance for 5310	PRHTA	2018	F	13,20	-	-	13,200	Narrative Justification		
	Transit Fleet for the Municipality of			S	-	-	-	-	Prepared by the Entity	Toll Credits	
	Loíza			Т	13,200		-	13,200			
48	Operational Assistance for 5310	PRHTA	2018	F	39,30	-	-	39,300	Narrative Justification		
	Transit Fleet for the Municipality of			S	-	-	-	-	Prepared by the Entity	Toll Credits	
	Loíza			T	39,30	-	-	39,300			
49	Preventive Maintenance for 5310	PRHTA	2018	F	4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for (Instituto			S	-	-	-	-	Prepared by the Entity		
	Psicopedagógico de Puerto Rico)			Т	4,400	-	-	4,400		Toll Credits	
50	Operational Assistance for 5310	PRHTA	2018	F	13,10	-	-	13,100	Narrative Justification		
	Transit Fleet for (Instituto			S	-	-	-	-	Prepared by the Entity		
	Psicopedagógico de Puerto Rico)			Т	13,100	-	-	13,100		Toll Credits	
51	Preventive Maintenance for 5310	PRHTA	2018	F	4,400	-	_	4,400	Narrative Justification		
	Transit Fleet for the Municipality of			s		-	_	,	Prepared by the Entity		
	Toa Alta			Т	4,400	-	-	4,400		Toll Credits	
52	Operational Assistance for 5310	PRHTA	2018	F	13,10	-	-	13,100	Narrative Justification		
	Transit Fleet for the Municipality of			s	-	-	-	·-	Prepared by the Entity	Tall Cradita	
	Toa Alta			Т	13,100	-	-	13,100		Toll Credits	
53	Preventive Maintenance for 5310	PRHTA	2018	F	4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for (COSSMA, Las			s	-	-	-	-	Prepared by the Entity	T-11 C 414-	
	Piedras)			Т	4,400	-	-	4,400		Toll Credits	

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS

### PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

Num.	Description	Grantee	Year		Annual Element		Years Program		Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
54	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for (COSSMA, Las			s			-	_		Prepared by the Entity		
	Piedras)			F		13,100	-	_	13,100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Toll Credits	
	,			ľ		15,100			13,100			
55	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for (COSSMA,			<u>-</u>		-	-	-	-	Prepared by the Entity	Toll Credits	
	Yabucoa)			ľ		4,400	-	-	4,400			
56	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for (COSSMA,			S		-	-	-	-	Prepared by the Entity	Toll Credits	
	Yabucoa)			Т		13,100	-	-	13,100			
57	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for (MAVI, Caguas)			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		4,400	-	-	4,400		ion cicuits	
58	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for (MAVI, Caguas)			S		-	-	-	-	Prepared by the Entity	Toll Credits	
				Т		13,100	-	-	13,100			
59	Preventive Maintenance for 5310	PRHTA	2018	F		4,400	-	-	4,400	Narrative Justification		
	Transit Fleet for (MAVI, Río Grande)			S		-	·	-	-	Prepared by the Entity	Toll Credits	
				Т		4,400	-	-	4,400		Ton Creuits	
60	Operational Assistance for 5310	PRHTA	2018	F		13,100	-	-	13,100	Narrative Justification		
	Transit Fleet for (MAVI, Río Grande)			s		-		-	-	Prepared by the Entity		
				T		13,100	-	-	13,100		Toll Credits	
61	Preventive Maintenance for 5310	PRHTA	2018	F		3,520			3,520	Narrative Justification		
	Vehicle Fleet for the Centro Club de			S		-			-	Prepared by the Entity		
	Oro, Inc.(Caguas)			Т		3,520			3,520		Toll Credits	
62	Operational Assistance for 5310	PRHTA		F		6,550			6,550	Narrative Justification		
	vehicle fleet for Centro Club de			s		-			-	Prepared by the Entity		
	Oro, Inc. (Caguas)		2018	Т		6,550			6,550		Toll Credits	
				1		240 450			240 450			
63	Program Administration	PRHTA	2016	F	ł	249,458	-	-	249,458			
	Program Administration	PKITA	2010	S		340 450	-	-	249,458			
				F		249,458 <b>2,563,720</b>	-	-	249,458 <b>2,563,720</b>			
		<b>Total Federal</b>		S	+	2,303,720	-	-	2,563,720			
		Funds:		)		-	-	-	-			

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP) Fiscal Years 2017-2020

## FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

State Safety Oversight Program
Section 5329

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

### SECTION 5329: STATE SAFETY OVERSIGHT PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year	Ar	Annual Element Three Years Program		ım	Total	Project Justification	Source of Local Funds	Remarks		
			Apportioned		2017	2018	2019	2020	Est. Cost				
				F	771,212	-	-	-	771,212			\$299,732 approved In FTA	
1	State Safety Oversight Program	PREMA 2017	2017	2017	S	192,803	-	-	-	192,803			Grant PR-2017-006-00. Carryover Funds of \$303,543
	110614111			Т	964,015	-	-	-	964,015			FY 2016	
	Total Federal Funds:				771,212	-	-	-	771,212				
		Total State	or Local Funds:		192,803	-	-	-	192,803				
	Total		964,015	=	-	=	964,015						

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP) Fiscal Years 2017-2020

# FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

Section 5337

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

### SECTION 5337: HIGH INTENSITY FIXED GUIDEWAY STATE OF GOOD REPAIR, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year	Aı	nnual Element	Thre	ee Years Progra	m	Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
				F		11,000,000	5,000,000	5,000,000	21,000,000			
1	Preventive Maintenance cost for Tren Urbano	PRHTA	2018	S	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	10. 110.110.100.100			Т	-	11,000,000	5,000,000	5,000,000	21,000,000			
	Total Federal Funds:				-	11,000,000	5,000,000	5,000,000	21,000,000			
	Total State or Local Funds:				-	-	-	-	-			
	Total				-	11,000,000	5,000,000	5,000,000	21,000,000			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

# Government of Puerto Rico Puerto Rico Department of Transportation and Public Works Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP) Fiscal Years 2017-2020

# FEDERAL TRANSIT ADMINISTRATION (FTA)

San Juan Urbanized Area (SJUA) (UA > 1,000,000 in Population)

Section 5339

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

### SECTION 5339: BUS AND BUS FACILITIES PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year		Th	ree Years Progran	1	Total	Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Repair and upgrade of the			F	2,531,522	1	-	=	2,531,522			
	Francisco Pereira Transportation			S	632,881	-	-	-	632,881		Certification Prepared by the	
1	Terminal located at the Rafael Cordero Ave, corner of Goyco St., terminal St., and Acosta St.	Caguas	2015	Т	3,164,403	-	-	-	3,164,403	Narrative Justification Submitted	Municipality	Grant-2017-015-00
				F	-	-	2,413,602	2,413,602	4,827,203			
	Renovation and Development of			S	-	-	603,400	603,400	1,206,801		Certification Prepared by the	Subject to completion of the repair
2	the Francisco Pereira Transportation Terminal	Caguas	2015	Т	-	1	3,017,002	3,017,002	6,034,004	Narrative Justification Submitted	Municipality	and upgrade of the terminal
				F	72,000	-	-	-	72,000			
	Replacement of One (1) Paratransit			S	18,000	-	-	-	18,000		Certification Prepared by the	
3	Van (12 Passenger Capacity) for the Municipality of Juncos	Juncos	2015	Т	90,000	-	-	-	90,000	Narrative Justification Submitted	Municipality	
				F	1,265,761	-	-	-	1,265,761			
4	Improvement of the Maintenance Garage	MBA	2017	S	316,440	-	-	-	316,440	Narrative Justification Submitted		
	Oal age			Т	1,582,201	-	-	-	1,582,201			
	Replacement of Ninty Two (92)			F	14,720	-	-	-	14,720		C. I'C. I'. D II. II.	
5	Stop Bus Sign for the Municipality	Toa Baja	2015	S	3,680	-	-	-	3,680	Narrative Justification Submitted	Certification Prepared by the Municipality	
	of Toa Baja			Т	18,400	-	-	-	18,400		, ,	

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

### SECTION 5339: BUS AND BUS FACILITIES PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year			ree Years Program		Total	Total	Project Justification	Source of Local Funds	Remarks
			Apportioned		2017	2018	2019	2020	Est. Cost			
	Double content of Thints Circ (2C)			F	-	176,000		-	176,000		The of Tell Condition has been	
6	Replacement of Thirty Six (36) Trolley Bus Stops, Phase 1	Bayamón	2018	S	-	-		-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
	Troney Bus Stops, I hase I			Т	-	176,000	-	=	176,000		requesteu	
				F	-	160,000	160,000	-	320,000			
7	Aquisition of Two (2) trolley	Bayamón	2018	S	-	-	-	-	-	Narrative Justification Submitted	The use of Toll Credits has been requested	
				Т	-	160,000	160,000	-	320,000		·	
	Ai-itif.T (2) Btit			F	-	128,000		-	128,000		The use of Toll Credits has been	
8	Acquisition of Two (2) Paratransit Bus	Bayamón	2018	S	-	-		-	-	Narrative Justification Submitted	requested	
				Т	-	128,000		-	128,000		·	
	Consults Immunication for			F	-	127,000			127,000		The use of Toll Credits has been	
9	Security Improvements for Market Square Terminal	Canóvanas	2018	S		-			-	Narrative Justification Submitted	requested	Lapsing Funds FY2015
				Т	-	127,000			127,000			
	Replacing and Restoring of Bus			F	-	20,000	-	-	20,000		Cortification Dropared by the	
10	Stops Signage	Carolina	2018	S	-	-	-	-	-	Narrative Justification Submitted	rative Justification Submitted Certification Prepared by the Municipality	
				T	-	20,000	-	-	20,000			
	Acquisition of Three (3) 24			F	-	297,352	148,676		446,028		The use of Toll Credits has been	
11	Passenger Minibuses for	Cataño	2018	S		-	-		-	Narrative Justification Submitted	requested	
	Replacement of Trolley			Т	-	297,352	148,676	-	446,028			
	Acquisition of Two (2) Passenger			F	-	270,320			270,320		The use of Toll Credits has been	
12	Trollies with Handicap Ramp for	Cidra	2018	S		-			-	Narrative Justification Submitted	requested	
	Replacement			Т	-	270,320	-	-	270,320			
	Acquisition and Installation of Six (6) Radio Communications for			F	-	4,032	-		4,032		The use of Toll Credits has been	
13	FTA Funded Buses.	Corozal	2018	S		-	-		-	Narrative Justification Submitted	requested	Lapsing Funds FY2015
				Т	-	4,032	-	-	4,032			
	Acquisition of Equipment and			F		1,120			1,120		The use of Toll Credits has been	
14	Tools for the Maintenance of Buses	Corozal	2018	S	-	-			-	Narrative Justification Submitted	requested	Lapsing Funds FY2015
	buses			Т	-	1,120	-	-	1,120			

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017 - 2020

### Amendment #3 Administrative Modification

### SECTION 5339: BUS AND BUS FACILITIES PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year		Th	ree Years Program		Total	Total	Project Justification	Source of Local Funds	Remarks					
			Apportioned		2017	2018	2019	2020	Est. Cost								
	Acquisition of Computer			F	-	800			800								
15	Equipment and Transportation	Corozal	2018	S	-	-			-	Narrative Justification Submitted	The use of Toll Credits has been requested	Lapsing Funds FY2015					
	Software			Т	-	800			800								
				F		6,000			6,000								
16	Acquisition of Security Cameras for designated FTA facilities	Corozal	2018	S		-			-	Narrative Justification Submitted	The use of Toll Credits has been requested	Lapsing Funds FY2015					
	10. 400-8.14104			Т		6,000			6,000								
				F	-	176,000	-		176,000								
17	Replacement of Two (2) 16 passenger Fixed Route Buses	Dorado	2018	S		-	-		-	Narrative Justification Submitted	The use of Toll Credits has been requested						
	F			Т	-	176,000	-	-	176,000		104-111						
				F	-	67,960		-	67,960								
18	Construction and Rehabilitation of 17 Bus Shelters in Fixed Route	Vega Baja	2018	s		-		-	-	Narrative Justification Submitted	ubmitted The use of Toll Credits has been requested						
				Т		67,960		-	67,960								
				F	-	3,000,000			3,000,000								
19	Replacement of buses for the fixed route fleet	MBA	2018	S	-	-				Narrative Justification Submitted	The use of Toll Credits has been requested	Lapsing Funds FY2015 and FY2016					
				Т	-	3,000,000			3,000,000		104-111						
									F	-	1,600,000	-		1,600,000			
20	Mid Life Overhaul 2010-2013 fleet	MBA	2018	S		-	-		-	Narrative Justification Submitted	The use of Toll Credits has been requested						
				Т	-	1,600,000	-	-	1,600,000		requesteu						
		Total Federal F	unds:		3,884,003	6,034,584	2,722,278	2,413,602	15,054,466								
		Total State or L	ocal Funds:	ľ	971,001	-	603,400	603,400	2,177,802								
		Total			4,855,004	6,034,584	3,325,678	3,017,002	17,232,268								

<sup>\*</sup>If the "Source of Local Funds" column states the use of toll credits; the same has been added to the "F" share.

## Government of Puerto Rico



Puerto Rico Department of Transportation and Public Works
Puerto Rico Highway and Transportation Authority

## Transportation Improvement Program (TIP)

Fiscal Years 2017-2020

FEDERAL HIGHWAY ADMINISTRATION (FHWA)

# PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

	Source of	Funds	
CODE	DESCRIPTION	CODE	DESCRIPTION
MP10	Puerto Rico Highway 25% MAP-21	ER-80	Emergency Relief 2012 Supplement
MP1E	Puerto Rico Highway 25% MAP-21 Ext.	ER-90	Emergency Relief 2013 Supplement
MP20	Puerto Rico Highway NHPP 50%	STATE	Funding Provided by any agency of the Government of PR - Agency name will appear in the "Remarks" section.
MP2E	Puerto Rico Highway NHPP 50% Ext.	Earmark	Earmark Section 1934
MP30	Puerto Rico Highway HSIP 25%	ERFO	Emergency Relief for Federally Owned Roads
MP3E	Puerto Rico Highway HSIP 25% Ext.	ZP10 / ZP16	Puerto Rico Highway 25% - FAST
MP40	Puerto Rico Section 154 Penalty	ZP20 / Z150	Puerto Rico Highway NHPP 50% - FAST
MP4E	Puerto Rico Section 154 Penalty Ext.	ZP30 / ZP15	Puerto Rico Highway HSIP 25% - FAST
MP50	Puerto Rico Section 164 Penalty	ZP40	Puerto Rico Section 154 Penalty - FAST
MP5E	Puerto Rico Section 164 Penalty Ext	ZP50	Puerto Rico Section 164 Penalty - FAST
Q920	High Priority Projects - TEA21		

Under the Consolidated Appropriation Act 2018, PRHTA was allocated the amount of \$15.8M for highway projects. Said allocation has a remaining balance of \$13,743,605.09. The distribution of the remaining funds are as follows: ZP15 - \$3,950,000, ZP16 - \$1,893,605.09, Z150 - \$7,900,000. These balances will be used as a cintongency fund for all projects that come in excess of their estimated budget.

# Fund Reconciliation FY 2017-2020 - Amendment #3 STIP FY 2017

								Revised on: I	November 27, 2017	
Code	AC#	Description	Municipality	Project Phase	STIP Line*	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
ZP-10	411901	Connector	Las Marias	R	22	\$1,316,301	\$323,949	\$1,640,250	\$0	\$1,640,250
	520130	DTL Phase 1	San Juan / Trujillo Alto / Caguas	С	9	\$6,933,095	\$1,733,274	\$8,666,368	\$108,000	\$8,774,368
	800474	Bridge Rehabilitation	Islandwide	R	46	\$92,120	\$23,030	\$115,150	\$1,725	\$116,875
	800477	Pavement	Islandwide	С	38	\$5,743,860	\$1,413,598	\$7,157,458	\$0	\$7,157,458
	800480	NEPA Studies (AC-918101)	San Lorenzo	NEPA	80	\$381,464	\$93,881	\$475,345	\$2,805	\$478,149
	900123	SPR	Islandwide	PE	42	\$4,815,000	\$1,185,000	\$6,000,000	\$0	\$6,000,000
	900124	Bridge Critical Findings	Islandwide	R	52	\$44,630	\$10,984	\$55,614	\$0	\$55,614
	990133	ITS	Islandwide	С	64	\$720,000	\$180,000	\$900,000	\$0	\$900,000
	018760	Feasibility Study PR-187 Bypass	Loiza	PE	7	\$391,538	\$96,360	\$487,898	\$6,205	\$494,103
	019143	Puente #194	Naguabo	С	8	\$5,269,275	\$1,245,638	\$6,514,913	\$774,901	\$7,289,814
	054509	Widening of PR-545 (Gabia)	Coamo	R	6	\$1,296,380	\$324,095	\$1,620,475	\$0	\$1,620,475
ZP-20	100081	ER - PR10	Utuado / Adjuntas	R	24	\$244,644	\$60,208	\$304,852	\$0	\$304,852
	301133	Additional Funds - Rio Grande - Fajardo Corridor	Rio Grande / Fajardo	PE	37	\$605,969	\$151,492	\$757,461	\$6,708	\$764,169
	520130	DTL Phase 1	San Juan / Trujillo Alto / Caguas	С	9	\$15,544,358	\$3,886,090	\$19,430,448	\$113,400	\$19,543,848
	800474	Bridge Rehabilitation	Islandwide	С	46	\$10,580,001	\$2,645,000	\$13,225,001	\$0	\$13,225,001
	800475	Bridge Preservation	Islandwide	С	50	\$1,212,881	\$69,977	\$1,282,858	\$18,400	\$1,301,258
	800477	Pavement	Islandwide	С	38	\$20,074,958	\$4,940,566	\$25,015,524	\$0	\$25,015,524
	800523	Noise Barriers	Bayamon / Toa Alta	С	15	\$1,061,303	\$261,193	\$1,322,496	\$23,000	\$1,345,496
	900124	Bridge Critical Findings	Islandwide	С	52	\$424,591	\$99,229	\$523,820	\$0	\$523,820
	992477	NBIS	Islandwide	D	60	\$1,424,970	\$356,243	\$1,781,213	\$93,748	\$1,874,961
	000259	Los Almendros	Bayamon	С	17	\$613,711	\$151,039	\$764,750	\$23,000	\$787,750
	015802	Parque Tecnologico - Phase 2	Cayey	PE	5	\$404,125	\$99,458	\$503,583	\$3,000	\$506,583
	000213	Additional Funds - Aguadilla-Mayaguez Corridor	Aguadilla / Mayaguez	PE	36	\$304,000	\$76,000	\$380,000	\$0	\$380,000
	533	Environmental Study PR-5 Extension	Bayamon	NEPA	16	\$856,122	\$210,696	\$1,066,818	\$9,551	\$1,076,369
ZP-30	520130	DTL Phase 1	San Juan / Trujillo Alto / Caguas	С	9	\$3,154,653	\$788,663	\$3,943,316	\$108,000	\$4,051,316
	800492	SHSP	Islandwide	С	72	\$0	\$0	\$0	\$0	\$0
	990134	Upgrade of Safety Devices	Islandwide	С	56	\$5,738,772	\$1,434,693	\$7,173,465	\$0	\$7,173,465
	990135	Geometric Safety Improvements	Islandwide	С	68	\$22,014,003	\$5,417,777	\$27,431,780	\$0	\$27,431,780
ZP-40	990151	Section 154 & 164 Penalty	Islandwide	С	76	\$0	\$0	\$0	\$0	\$0
ZP-50	990151	Section 154 & 164 Penalty	Islandwide	С	76	\$0	\$0	\$0	\$0	\$0
Grand Total						\$111,262,724	\$27,278,132	\$138,540,856	\$1,292,443	\$139,833,298

Project Phase	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
Design Total	\$1,424,970	\$356,243	\$1,781,213	\$93,748	\$1,874,961
NEPA Total	\$1,237,586	\$304,577	\$1,542,163	\$12,356	\$1,554,518
PE Total	\$6,520,632	\$1,608,310	\$8,128,942	\$15,913	\$8,144,855
ROW Total	\$2,994,075	\$742,266	\$3,736,341	\$1,725	\$3,738,066
Construction Total	\$99,085,460	\$24,266,737	\$123,352,197	\$1,168,701	\$124,520,898

## Fund Reconciliation FY 2017-2020 - Amendment #3 STIP FY 2018

								Revised on	: November 27, 2017	
Code	AC#	Description	Municipality	Project Phase	STIP Line*	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
ZP-10	800356	Reconstruction of PR-135 km. 78.5	Adjuntas	С	35	\$273,600	\$68,400	\$342,000	\$18,000	\$360,000
	800485	Pavement	Islandwide	С	39	\$3,405,308	\$851,327	\$4,256,635	\$224,033	\$4,480,668
	800486	Bridge Rehabilitation	Islandwide	С	47	\$6,285,960	\$1,571,490	\$7,857,450	\$413,550	\$8,271,000
	800508	DTL Phase 4	San Juan / Trujillo Alto / Caguas	С	10	\$5,863,672	\$1,465,918	\$7,329,590	\$385,768	\$7,715,358
	900128	SPR	Islandwide	PE	43	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
	900129	Bridge Critical Findings	Islandwide	С	53	\$4,707,440	\$1,176,860	\$5,884,300	\$309,700	\$6,194,000
	990146	ITS	Islandwide	С	65	\$380,000	\$95,000	\$475,000	\$25,000	\$500,000
	011191	Relocation PR-111	San Sebastian / Lares	D	25	\$380,000	\$95,000	\$475,000	\$25,000	\$500,000
	556103	Villalba Bypass	Villalba	PE	33	\$380,000	\$95,000	\$475,000	\$25,000	\$500,000
	065403	Puente Victor Rojas	Arecibo	D	32	\$524,020	\$131,005	\$655,025	\$34,475	\$689,500
ZP-20	100081	ER - PR10	Utuado / Adjuntas	С	24	\$5,668,733	\$1,417,183	\$7,085,916	\$372,943	\$7,458,859
	800485	Pavement	Islandwide	С	39	\$34,755,118	\$8,688,780	\$43,443,898	\$2,286,521	\$45,730,419
	800486	Bridge Rehabilitation	Islandwide	D	47	\$794,200	\$198,550	\$992,750	\$52,250	\$1,045,000
	800487	Bridge Preservation	Islandwide	С	51	\$2,351,440	\$587,860	\$2,939,300	\$154,700	\$3,094,000
	800508	DTL Phase 4	San Juan / Trujillo Alto / Caguas	С	10	\$7,516,356	\$1,879,089	\$9,395,445	\$494,497	\$9,889,942
	900129	Bridge Critical Findings	Islandwide	D	53	\$56,240	\$14,060	\$70,300	\$3,700	\$74,000
	990146	ITS	Islandwide	С	65	\$1,425,000	\$356,250	\$1,781,250	\$93,750	\$1,875,000
	992478	NBIS	Islandwide	D	61	\$1,432,913	\$358,228	\$1,791,141	\$0	\$1,791,141
ZP-30	800493	SHSP	Islandwide	С	73	\$2,000,000	\$500,000	\$2,500,000	\$0	\$2,500,000
	800508	DTL Phase 4	San Juan / Trujillo Alto / Caguas	С	10	\$8,347,623	\$2,086,906	\$10,434,529	\$0	\$10,434,529
	990144	Upgrade of Safety Devices	Islandwide	С	57	\$11,485,009	\$2,871,252	\$14,356,261	\$0	\$14,356,261
	990145	Geometric Safety Improvements	Islandwide	С	69	\$5,167,368	\$1,291,842	\$6,459,210	\$0	\$6,459,210
ZP-40	990152	Section 154 & 164 Penalty	Islandwide	С	77	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
ZP-50	990152	Section 154 & 164 Penalty	Islandwide	С	77	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
<b>Grand Total</b>						\$110,887,999	\$27,722,000	\$138,609,999	\$5,108,887	\$143,718,886

Project Phase	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
Design Total	\$3,187,373	\$796,843	\$3,984,216	\$115,425	\$4,099,641
PE Total	\$5,180,000	\$1,295,000	\$6,475,000	\$25,000	\$6,500,000
Construction Total	\$102,520,626	\$25,630,157	\$128,150,783	\$4,968,462	\$133,119,245

Advance Construction funds will be used for this Fiscal Year. FHWA-4

### **Fund Reconciliation FY 2017-2020 - Amendment #3**

### **STIP FY 2019**

								Revised or	: November 27, 2017	
Code	AC#	Description	Municipality	Project Phase	STIP Line*	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
ZP-10	300124	DTL Phase 5	San Juan / Trujillo Alto / Caguas	С	11	\$4,366,446	\$1,091,612	\$5,458,058	\$287,266	\$5,745,324
	411901	Connector	Las Marias	С	22	\$2,280,000	\$570,000	\$2,850,000	\$150,000	\$3,000,000
	500023	Pedestrain Route	Rincon	С	23	\$3,933,725	\$983,431	\$4,917,156	\$258,798	\$5,175,954
	800511	Pavement	Islandwide	С	40	\$3,331,828	\$832,957	\$4,164,786	\$219,199	\$4,383,985
	800512	Bridge Rehabilitation	Islandwide	С	48	\$1,900,000	\$475,000	\$2,375,000	\$125,000	\$2,500,000
	900132	SPR	Islandwide	PE	44	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
	990153	ITS	Islandwide	С	66	\$1,140,000	\$285,000	\$1,425,000	\$75,000	\$1,500,000
	017242	Connector	Cidra	R	2	\$2,400,000	\$600,000	\$3,000,000	\$0	\$3,000,000
	018760	Design PR-187 Bypass	Loiza	D	7	\$800,000	\$200,000	\$1,000,000	\$0	\$1,000,000
	020802	Aguas Buenas Bypass	Aguas Buenas	R	3	\$1,820,000	\$455,000	\$2,275,000	\$0	\$2,275,000
	010194	Barranquitas South Bypass	Barranquitas	D	19	\$228,000	\$57,000	\$285,000	\$15,000	\$300,000
ZP-20	100076	PR-10	Adjuntas	С	34	\$6,460,000	\$1,615,000	\$8,075,000	\$425,000	\$8,500,000
	200248	Lavadero Ward (Conv. a Expreso)	Hormigueros	С	31	\$10,450,314	\$2,612,578	\$13,062,892	\$687,521	\$13,750,413
	520129	Truck Weigh Station	Juana Diaz	С	30	\$760,000	\$190,000	\$950,000	\$50,000	\$1,000,000
	800509	DTL - ITS	San Juan / Trujillo Alto / Caguas	С	12	\$8,919,680	\$2,229,920	\$11,149,600	\$586,821	\$11,736,421
	800510	DTL - Noise Barriers	San Juan / Trujillo Alto / Caguas	С	13	\$4,085,262	\$1,021,316	\$5,106,578	\$268,767	\$5,375,345
	800511	Pavement	Islandwide	С	40	\$7,931,424	\$1,982,856	\$9,914,280	\$521,804	\$10,436,084
	800512	Bridge Rehabilitation	Islandwide	С	48	\$8,213,320	\$2,053,330	\$10,266,650	\$540,350	\$10,807,000
	900133	Bridge Critical Findings	Islandwide	С	54	\$2,128,000	\$532,000	\$2,660,000	\$140,000	\$2,800,000
	990153	ITS	Islandwide	С	66	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
	992479	NBIS	Islandwide	D	62	\$1,400,000	\$350,000	\$1,750,000	\$0	\$1,750,000
	015801	Parque Tecnologico Phase 1	Cayey	С	4	\$0	\$0	\$0	\$13,000,000	\$13,000,000
	015802	Parque Tecnologico - Phase 2	Cayey	D	5	\$608,000	\$152,000	\$760,000	\$40,000	\$800,000
				R	5	\$800,000	\$200,000	\$1,000,000	\$0	\$1,000,000
	010166	Recreational Trail	Toa Baja	С	18	\$800,000	\$200,000	\$1,000,000	\$0	\$1,000,000
ZP-30	300124	DTL Phase 5	San Juan / Trujillo Alto / Caguas	С	11	\$1,421,053	\$355,263	\$1,776,316	\$0	\$1,776,316
	800514	Geometric Safety Improvements	Islandwide	С	70	\$10,015,747	\$2,503,937	\$12,519,684	\$0	\$12,519,684
	800515	SHSP	Islandwide	С	74	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
	990155	Upgrade of Safety Devices	Islandwide	С	58	\$10,763,200	\$2,690,800	\$13,454,000	\$0	\$13,454,000
ZP-40	990154	Section 154 & 164 Penalty	Islandwide	С	78	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
ZP-50	990154	Section 154 & 164 Penalty	Islandwide	С	78	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
								. ,,		. ,

Project Phase	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
Design Total	\$3,036,000	\$759,000	\$3,795,000	\$55,000	\$3,850,000
PE Total	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
ROW Total	\$5,020,000	\$1,255,000	\$6,275,000	\$0	\$6,275,000
Construction Total	\$98.032.000	\$24.508.000	\$122.540.000	\$17.620.526	\$140.160.526

# Fund Reconciliation FY 2017-2020 - Amendment #3 STIP FY 2020

								Revised on	: November 27, 2017	
Code	AC#	Description	Municipality	Project Phase	STIP Line*	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
ZP-10	800516	Bridge Rehabilitation	Islandwide	С	49	\$2,945,000	\$736,250	\$3,681,250	\$193,750	\$3,875,000
	800518	Pavement	Islandwide	С	41	\$11,503,560	\$2,875,890	\$14,379,450	\$756,813	\$15,136,263
	900134	SPR	Islandwide	PE	45	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
	900135	Bridge Critical Findings	Islandwide	С	55	\$2,731,440	\$682,860	\$3,414,300	\$179,700	\$3,594,000
	990156	ITS	Islandwide	С	67	\$3,040,000	\$760,000	\$3,800,000	\$200,000	\$4,000,000
	011213	Improvements to PR-112 & PR-4494	Isabela	D	20	\$95,000	\$23,750	\$118,750	\$6,250	\$125,000
	084511	Widening PR-845	San Juan / Trujillo Alto	D	1	\$285,000	\$71,250	\$356,250	\$18,750	\$375,000
	011191	Relocation PR-111	San Sebastian / Lares	R	25	\$1,600,000	\$400,000	\$2,000,000	\$0	\$2,000,000
ZP-20	200200	Overpass	Mayaguez	R	26	\$1,600,000	\$400,000	\$2,000,000	\$0	\$2,000,000
	200241	Interseccion PR-2/Post/Llorens (La Vita)	Mayaguez	D	29	\$1,520,000	\$380,000	\$1,900,000	\$100,000	\$2,000,000
	800497	Cancer Center	San Juan	С	14	\$18,639,570	\$4,659,892	\$23,299,462	\$1,226,287	\$24,525,750
	800516	Bridge Rehabilitation	Islandwide	С	49	\$6,547,400	\$1,636,850	\$8,184,250	\$430,750	\$8,615,000
	800518	Pavement	Islandwide	С	41	\$18,978,031	\$4,744,508	\$23,722,538	\$1,248,555	\$24,971,093
	800523	Noise Barriers	Bayamon / Toa Alta	С	15	\$1,520,000	\$380,000	\$1,900,000	\$100,000	\$2,000,000
	990156	ITS	Islandwide	С	67	\$1,320,000	\$330,000	\$1,650,000	\$86,842	\$1,736,842
	000218	Aguadilla Airport	Aguadilla	R	21	\$800,000	\$200,000	\$1,000,000	\$0	\$1,000,000
	010029	Widening PR-100	Cabo Rojo	R	28	\$240,000	\$60,000	\$300,000	\$0	\$300,000
	012201	Connector Phase II	Lajas / San German	D	27	\$475,000	\$118,750	\$593,750	\$31,250	\$625,000
	TBD	NBIS	Islandwide	D	63	\$1,600,000	\$400,000	\$2,000,000	\$0	\$2,000,000
	533	Environmental Study PR-5 Extension	Bayamon	D	16	\$760,000	\$190,000	\$950,000	\$50,000	\$1,000,000
ZP-30	800519	Upgrade of Safety Devices	Islandwide	С	59	\$4,000,000	\$1,000,000	\$5,000,000	\$0	\$5,000,000
	800520	SHSP	Islandwide	С	75	\$3,041,302	\$760,326	\$3,801,628	\$0	\$3,801,628
	800521	Geometric Safety Improvements	Islandwide	С	71	\$19,958,698	\$4,989,674	\$24,948,372	\$0	\$24,948,372
ZP-40	990157	Section 154 & 164 Penalty	Islandwide	С	79	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
ZP-50	990157	Section 154 & 164 Penalty	Islandwide	С	79	\$1,444,000	\$361,000	\$1,805,000	\$95,000	\$1,900,000
Grand Total						\$110,888,000	\$27,722,000	\$138,610,000	\$4,818,947	\$143,428,948

Project Phase	Federal.Share	Toll.Credits	Total.Federal Funds	State.Funds	Total Amount
Design Total	\$4,735,000	\$1,183,750	\$5,918,750	\$206,250	\$6,125,000
PE Total	\$4,800,000	\$1,200,000	\$6,000,000	\$0	\$6,000,000
ROW Total	\$4,240,000	\$1,060,000	\$5,300,000	\$0	\$5,300,000
Construction Total	\$97,113,000	\$24,278,250	\$121,391,250	\$4,612,697	\$126,003,948

m. AC	C-Code / Oracle # / Fed # /						TIP Fisc	al Year			Total Est. Cost	
	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
UA	>1,000,000 Population (San	i Juan)			402,906	1		T	<u> </u>		402,906	
				T							100,727	
				NEPA (	5 26,507	_	_	_	_	_	26,507	
				1	530,140						530,140	
				-	· .	-	-	-	-	-		
				Pre-Engineering T	C -	-	-	-	-	-	-	
					-	-	-	-	-	-	-	
	AC-084511								285,000		285,000	
	R000845011	Widening PR-845 from Pasternak Street	San Juan	. Т	·		-		71,250		71,250	Change in Fiscal Year from
	MP-845(2)	to Int. PR-199	Trujillo Alto	Design	-	_	_	-	18,750	-	18,750	to 2020
	ZP-10		•	i					375,000		375,000	
				-	-	-	-	-	-	2,945,000	2,945,000	
				ROW T	c -	-	-	-	-	736,250	736,250	Change in Fiscal Year from
					-	-	-		-	193,750	193,750	to Future Investment
					-			-		<b>3,875,000</b> 14,440,000	<b>3,875,000</b> 14,440,000	
				T						3,610,000	3,610,000	Estimated Time of Compl
				Construction	-	_	_	_		950,000	950,000	March 2026
				1						19,000,000	19,000,000	
		Total Estimated Project Cost			530,140	-		•	375,000	22,875,000	23,780,140	
				ı	-	-	-	-	-	-		
				NEPA T		-	-	-	-	-	-	
				3	-	-	-	-	-	-	<u> </u>	
					270,317						270,317	
				T							67,579	
				Pre-Engineering	5 17,784	_	_	_	_	_	17,784	
				1	355,680						355,680	
	AC-017242	Cidra East Connector form #2 Street		-	· .	-	-	-	-	-	-	
	L000172042	(Industrial Avenue) to PR-734 (Phase 1)	Cidra	Design T	C -	-	-	-	-	-	-	
	9999(188)	Length 1.38	Cidia	Design	940,340	-	-	-	-	-	940,340	
	ZP-10	2011gtil 1.30			940,340						940,340	
				<u> </u> =	-	-	-	2,400,000	-	-	2,400,000	
				ROW T	-	-	-	600,000	-	-	600,000	
				3	-	-	-	3,000,000	-	-	3,000,000	
					_	_		3,000,000	_	11,400,000	11,400,000	
				. т	c - ]	]	-			2,850,000	2,850,000	Estimated Time of Comple
				Construction	- ;	-	_	_	_	750,000	750,000	March 2023
				1	r					15,000,000	15,000,000	
		Total Estimated Project Cost			1,296,020			3,000,000		15,000,000	19,296,020	

m. A	C-Code / Oracle # / Fed # /	December 1	Ŧ	Dhaaa	Fed. Past Obligations / Locally Funded		TIP Fisca	l Year		5-4 t	Total Est. Cost	Para dia
n.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
				_	F - TC -	-	-	-	-		-	•
				NEPA	S -	-	-	-	-	-	-	
					T						-	
				7	F 635,000 TC 65,000	-	-	-	-	-	635,000 65,000	
				Pre-Engineering	S	-	-	-	-	-	-	
					T 700,000						700,000	
	AC-020802 S000208002	AGUAS BUENAS BYPASS FROM PR-156,		,	F - TC	-	-	-	-		-	
	MP-208(2)	KM 53 TO PR-173, LENGTH 3.1	Aguas Buenas	Design	S -	-	-	-	-	-		
	ZP-10	,			Т						-	•
				_	F -	-	-	1,820,000	-	-	1,820,000	
				ROW	TC -		-	455,000	-	-	455,000	
					т			2,275,000			2,275,000	•
					F -	-	-	-	-	22,800,000	22,800,000	
				Construction	TC -	-	-	-	-	5,700,000	5,700,000	
					S	-	-	-	-	1,500,000 <b>30,000,000</b>	1,500,000 <b>30,000,000</b>	December 2025
		Total Estimated Project Cost			700,000		-	2,275,000	-		32,975,000	
		-			F -	-	-	-	-	-	-	
				NEPA	TC -	-	-	-	-	-	-	
					5 T		-	-	-	-	-	•
				•	F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	NEPA, Design, IAR and PS&
					S	-	-	-	-	-	-	be covered in AC-01580
	AC-015801				F -		-	_	_	_	<u> </u>	
	Y000158001	CONSTRUCTION OF PR-158, FROM PR- 743 TO PARQUE TECNOLOGICO	Cayey	Design	TC -	-	-	-	-	-	-	Final Design added in AC-0:
		ENTRANCE - Phase 1	Cayey	Design	S	-	-	-	-	-	-	rinai Design added in AC-0.
	ZP-20				T						-	
				1	TC -	-	-	-	-	-		
				ROW	s -	-	-	-	-	-		
				-	Т						-	•
				_	F -	-	-	-	-	-	-	
				Construction	TC -	-	-	13,000,000	-	-	13,000,000	
					J -		-	13,000,000	-		13,000,000	
					Т		-	13,000,000			13,000,000	•

, AC	C-Code / Oracle # / Fed # /	Paradation.	<del>-</del>	Phone	Ford Point Obligations (Locally Funded		TIP Fiscal	Year		Entre transferred	Table Car	Damada
úm.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
					-	-	-	-	-	-	-	Also includes NEPA, Design, IA
				NEPA (	5 125,000		-	-	-		125,000	and PS&E for AC-015801
				1	125,000						125,000	and i Sac for Ac 015001
				F		404,125	-	-	-	-	404,125	Originally Programmed with \$1
				Pre-Engineering T		99,458	-	-	-	-	99,458	Obligated in FY 2017
				· · · · · · · · · · · · · · · · · · ·	-	3,000 <b>506,583</b>	-	-	-	-	3,000 <b>506,583</b>	with\$506,583.
	AC-015802					500,583		608,000		_	608,000	
	V0001E9002	CONSTRUCTION CONNECTOR PR-158,		T	с -	_	-	152,000	-	-		Final Design added - Includes
5		PHASE II FROM [PARQUE TECNOLOGICO	Cayey	Design	5	-	-	40,000	-	-	40,000	015801
	ZP-20	TO PR-1, CAYEY				-		800,000			800,000	
				F	-	-	-	800,000	-	-	800,000	
				ROW	-	-	-	200,000	-	-	200,000	
				1	·	-		1,000,000			1,000,000	
					-	-	-	-	-	7,600,000	7,600,000	
				Construction	С -	-	-	-	-	1,900,000	1,900,000	Change in Fiscal Year from 20
				S	-	-	-	-	-	500,000	500,000	to Future Investment
		Total Estimated Project Cost		1	125,000	506,583		1,800,000	-	10,000,000	10,000,000 12,431,583	
		Total Estimated Project Cost		F	=	- 500,383		1,800,000	1	10,000,000	12,431,363	
				NEPA T	c -	-	-	-	-	-		
				NEPA S	5	-	-	-	-	-	-	
				1							-	
				F	-	-	-	-	-	-	-	
				Pre-Engineering T	125,000		-		-		125,000	
				1	125,000				_		125,000	
	AC-054509				-	-	-	-	-	-		
	L000545009	PR-545 Widening from PR-52 (Km. 1.03)	Coamo	Design T	С -	-	-	-	-	-	-	
6		to PR-14 (km. 6.03)	country	500.6.1	-	-	-	-	-	-		
	ZP-10					1,300,431					1,300,431	
				· · · T	c -	320,044		-	-		220.044	Originally Programmed wit
				ROW	-	-	-	-	-	_	-	\$1,620,000. Obligated in FY 20
						1,620,475					1,620,475	with \$1,620,475.
				F	-	-	-	-	-	3,800,000	3,800,000	
					٠	-	-	-	-	950,000	950,000	Change in Fiscal Year from 20
				Construction	Ĭ.	l	J		1		25	A - Francis Income
				Construction	5	-	-	-	-	250,000 <b>5,000,000</b>	250,000 <b>5,000,000</b>	to Future Investment

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

AMENDMENT #3

n. Program Code	Description	Town	Phase			TIP Fisca			Future Investment	Total Est. Cost	Remarks
				Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	ratare investment	Total Est. Cost	Remarks
				F -	-	-	-	-	-	-	
			NEPA T		-	-	-	-	-	-	
				r	-	-	-	_		-	
			F	F -	391,538	-	-	-	-	391,538	Originally Programmed with
			Pre-Engineering T	·c -	96,360	-	-	-	-	96,360	\$400k. Obligated in FY 2017
					6,205 <b>494,103</b>	-	-	-	-	6,205 <b>494,103</b>	the amount of \$494,103
AC-018760				_	494,103	_	800,000	_	_	800,000	
S000187060	Feasibility and Update Environmental		Davies T	c -	-	-	200,000	-	-	200,000	
	Study South Bypass from PR-188 to Mediania Baja (PR-187) (CFHWA)	Loíza	Design	S	-	-	-	-	-	-	Design Phase Added
ZP-10	Wediania Baja (FN-187) (CFTWA)			Г			1,000,000			1,000,000	
			F	F -	-	-	-	-	1,425,000	1,425,000 356,250	Change in Fiscal Year from 20
			ROW T	-	-			-	356,250 93,750	93,750	to Future Investment
				т 					1,875,000	1,875,000	to ratare investment
				F -	-	-	-	-	5,320,000	5,320,000	
			Construction		-	-	-	-	1,330,000	1,330,000	Estimated Time of Complet
			5	-	-	-	-	-	350,000 <b>7,000,000</b>	350,000 <b>7,000,000</b>	March 2023
7	Total Estimated Project Cost			-	494,103	-	1,000,000	-	8,875,000	10,369,103	
				F -	-	-	-	-	-	-	
			NEPA T		-	-	-	-	-	-	
			5	-	-	-	-	-	-	-	
					_	_	_	_	_	341,295	
			Dan Englanda T		-	-	-	-	-	85,324	
			Pre-Engineering	5	-	-	-	-	-	-	
				426,619						426,619	
AC-019143 B000191043	Replacement of Bridge #194 PR-31 km		F	-	-	-	-	-	-	•	
MP-31 (20) & 31(21)	8.8	Naguabo	Design	C	-	-	-	-	-		
ZP-10			-	r						-	
			F	219,903	-	-	-	-	-	219,965	
			ROW T	C 54,135	-	-	-	-	-	54,135	
				Г 274,100	-	-	-	-	-	274,100	
					5,269,275	-	-	-	_	5,269,275	0::    0
			Construction	rc -	1,245,638	-	-	-	-	1,245,638	Originally Programmed wir \$3.8M. Obligated in FY 2017
			Construction	5	774,901	-	-	-	-	774,901	\$3.8M. Obligated in FY 2017 \$7,289,814
	Total Estimated Project Cost			700,719	7,289,814 7,289,814			_		7,289,814 7,990,533	Ç., 1203,01 F

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

AMENDMENT#3

AC-Code / Oracle # / Fed #	/ Description	Town	Phase	Fed. Past Obligations / Locally Funded	TIP Fiscal	l Year		Future Investment	Total Est. Cost	Remarks															
Program Code	Description	TOWN	Priase	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks															
			- !	- C -		-	-	-	-	•															
			NEPA S	5	_	-	-	-	-																
									-																
	Congestion Managed Lanes - Phase 1 -		Pre-Engineering	c -		-	-	-	-																
	PR-52 -San Juan (km. 0.30 to km. 9.16) -		110 2.15.1102.1115	-		-	-	-	-	-															
AC-520130	Two additional lanes on the median of PR-18 and PR-52 from San Juan to	San Juan	-	-		-	-	-	-																
T000522130	Caguas. These lanes will be managed	Trujillo Alto	Design T	C - 		-	-	-	-																
ZP-10, ZP-20, ZP-30	using dynamic tolling to provide a reliable travel time for users. These	Caguas							-	<ul> <li>Originally Programmed</li> <li>\$32,825,684. Obligated in I</li> </ul>															
	lanes will be reversible (AM northbound		ROW T	- C -		-	-		-	in the amount of \$32,369															
	and PM southbound.		ROW	-			-	-	-	=															
				- 28,109,1	)2 -		-	-	28,109,192																
			Construction T			-	-	-		Please See Administrative															
			1	5 329,4i 3 <b>2,369,5</b> :			-		329,400 <b>32,369,532</b>	Modification on Page FHV															
	Total Estimated Project Cost			- 32,369,5	-	-	-	-	32,369,532																
			NEDA T	- C		-	-		-																
			NEPA S	5 -			-	-	-	_															
																		1						_	
	Congestion Managed Lanes - Phase 4 -			_			_																		
	Congestion Managed Lanes - Phase 4 - PR-52 /PR-30 - Caguas (km. 13.96 to km		Pre-Engineering T	- C -		-																			
	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30		Pre-Engineering			-	-	-	-																
AC-800508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The	San Juan	Pre-Engineering S	-		-	-	-	-																
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to	San Juan Trujillo Alto	Pre-Engineering T	-		-		:	-																
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52		Pre-Engineering (	-			-	-	-																
	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52 (AM) and from PR-52 to PR-30 (PM) for	Trujillo Alto	Design T	;		- - - - - -		-	- - - - - - -																
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52 (AM) and from PR-52 to PR-30 (PM) for users of the dynamic toll facility. This phase will also provide open road tolling	Trujillo Alto	Design T	-		- - - - - - - -		- - - - - - -	-																
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52 (AM) and from PR-52 to PR-30 (PM) for users of the dynamic toll facility. This	Trujillo Alto	Design T	;		- - - - - - - -	-	-	-	·															
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52 (AM) and from PR-52 to PR-30 (PM) for users of the dynamic toll facility. This phase will also provide open road tolling	Trujillo Alto	Design ROW ROW					-	-																
L009999508	PR-52 /PR-30 - Caguas (km. 13.96 to km 16.63) - Improve the PR-52/PR-30 Interchange by providing a bridge interconnecting both roadways. The bridge will improve access from PR-1 to PR-52 northbound for all users, and provide access from PR-30 to PR-52 (AM) and from PR-52 to PR-30 (PM) for users of the dynamic toll facility. This phase will also provide open road tolling	Trujillo Alto	Design T					-	- - - 21,727,651	Change in Budget fro \$28,087,067.00 to \$28,039,828.46.															

m. AC-Code / Oracle # /	ed # / Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	al Year		Future Investment	Total Est. Cost	Remarks
n. Program Code	Description	TOWN	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
					-	-	-	-	-	ē	
			NEPA	5 -	-	-	-	-		-	
										-	
			T	c -	-	-	-	-		-	
			Pre-Engineering	5	-	-	-	-	-	-	
AC-300124	Congestion Managed Lanes - Phase 5 -			· .			_	_		-	
L000030124	PR-30-San Juan (km 0.30 to km. 7.20) - reversible lane using reversible lane	San Juan Trujillo Alto	Design T	с -	-	-	-	-	-	-	
	barrier system on PR-30 from Km. 0.30		Design	-	-	-	-	-	-	-	
ZP-10, ZP-20, ZP-	to Km. 7.20			-	-	-	-	-		-	
			ROW T		-	-	-	-		-	
			:	-	-	-	-	-	-	-	
				-	-	-	5,787,499	-	-	5,787,499	
			Construction	C -	-		1,446,875 287,266	-		1,446,875 287,266	
				´———							
							7,521,640			7,521,640	
	Total Estimated Project Cost			-		-	7,521,640 7,521,640	-	-	7,521,640	
	Total Estimated Project Cost		Juga, T	-	-	-		-	-		
	Total Estimated Project Cost		NEPA T	-	- - - -	- - -		- - - -	- - -	7,521,640	
	Total Estimated Project Cost		NEPA T	-	-			-	- - - -	7,521,640	
	Total Estimated Project Cost		NEPA :	 C	- - - -	-		-	- - - - -	7,521,640 - - - -	
			NEPA S	 C	- - - - -	- - - - -		-	- - - - - - -	7,521,640 - - - - - - -	
AC-800509	Total Estimated Project Cost  Congestion Managed Lanes - ITS (All Phases) - will provide ITS	Can luna	NEPA :	 C	- - - - - -			-	- - - - - - - -	7,521,640 - - - -	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the	San Juan Trujillo Alto	Pre-Engineering T		- - - - - - -	- - - - - - - -		-	- - - - - - - -	7,521,640 - - - - - - -	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects to	r Trujillo Alto	Pre-Engineering		- - - - - - - -	- - - - - - - -		-	- - - - - - - - -	7,521,640 - - - - - - -	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects to	r Trujillo Alto	Pre-Engineering T	- C - C - C - C - C - C - C - C - C - C	- - - - - - - -	-		-	- - - - - - - - -	7,521,640	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects fo the operation of the dynamic toll and	r Trujillo Alto	Pre-Engineering T	- C - C - C - C - C - C - C - C - C - C	- - - - - - - -	-		-	- - - - - - - - - -	7,521,640	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects fo the operation of the dynamic toll and	r Trujillo Alto	Pre-Engineering T	- C - C - C - C - C - C - C - C - C - C	- - - - - - - - -	-	7,521,640	-	- - - - - - - - - - -	7,521,640	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects fo the operation of the dynamic toll and	r Trujillo Alto	Pre-Engineering T Design T ROW T	- C - C - C - C - C - C - C - C - C - C	- - - - - - - - -	-	7,521,640		- - - - - - - - - - - -	7,521,640	
L009999509	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects fo the operation of the dynamic toll and	r Trujillo Alto	Pre-Engineering T	- C - C - C - C - C - C - C - C - C - C	- - - - - - - - - - -	-	7,521,640			7,521,640	Change in Budget fro \$12,236,421.00 to \$11,736,421.00.

, AC	C-Code / Oracle # / Fed # /	Description	Ta	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	l Year		Future Importment	Total Est. Cost	Domonles								
úm.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks								
		<del>-</del>			F -	-	-	-	-		-									
				NEPA '	5 -	-	-	-		-	-									
					1						-									
		Congested Managed Lanes - Noise		-	F -	-	-	-	-	-	-									
		Barriers - Vista Alegre Community,		Pre-Engineering 5	5 -	-	-	-	-		-									
		Borinquen Gardens, Parque Forestal,			Г						-									
	AC-800510 L009999510	Berm- Residential Area, Quintas de San Luis, Berm-Villa Parana - will provide	San Juan	. Т	F -	-	-	-	-	-	-									
3	F003333210	the noise abatement measures	Trujillo Alto	Design	5 -	-	-	-		-	-									
	ZP-20	recommended as part of the	Caguas		г						-									
		environmental exclusion document prepared for the Congestion Managed		I T	-	-	-	-	-	-	-									
		Lanes project.		ROW	5 -	-	-	-	-											
		. ,			г						-									
				T	-	-	-	4,085,262 1,021,316	-	-	4,085,262 1,021,316	Change in Budget from \$6N								
				Construction	5 -	-	-	268,767	-		268,767	\$5,375,345.00								
_				1	Т			5,375,345			5,375,345									
		Total Estimated Project Cost			<u> </u>	-	-	5,375,345	-	-	5,375,345									
				T	r c -	-	-	-	-	-	-									
				NEPA	5	-	-	-	-	-	-									
												7							_	
				, , , T	F - C -	-	-	-	-	-	-	Design will be completed I								
				Pre-Engineering	F - C - S	- - -	- - -	- - -	- - -	- - -		Design will be completed I house								
	AC 000407	New Connector (Concer Comprehensive		Pre-Engineering T	F - C - S - C - C - C - C - C - C - C - C	-	- - -	- - -	- - -	- - -										
		New Connector (Cancer Comprehensive Center) between PR-18 and PR-21		Pre-Engineering 5	5	-	-	-	-	:	-									
1	AC-800497 F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a	San Juan	Pre-Engineering S	F - C - C - C - C - C - C - C - C - C -	-	-	- - - -	-	- - - - -	-									
	F009999497	Center) between PR-18 and PR-21		Pre-Engineering 5	5	-	:		-	- - - - - -	-									
1	F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a		Design T	5	-			-	- - - - - -	-									
1	F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a		Pre-Engineering	5	-			-	- - - - - - - - -	-									
4	F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a		Design T	5	-				- - - - - - - - -	-	house								
4	F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a		Pre-Engineering	5	-			- - - - - - - - - - - - - - - - - - -		- - - - - - - - - - - - - - - - - - -	house house								
	F009999497 MP-18(14)	Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a		Pre-Engineering	S	-			18,639,570 4,659,892 1,226,287 24,525,750		-	Project cost increase from \$1 to \$24,525,750. Change in from 2017 to 2020.								

Núm.	C-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisc	al Year		Future Investment	Total Est. Cost	Remarks
Nulli.	Program Code	Description	TOWIT	Filase	red. Fast Obligations / Locally Fullded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
		_		,	F -	-	-	-	-	-	-	
				NEPA	s -	-	-	-		-		
					Т						-	
					F		-	-		-		
		Noise Barriers at PR-22 Paco Davila km .		Pre-Engineering	s		-	-	-	-	-	
	AC-800523	19.2 - km 19.5, El Patio km. 16.5 - km		-	T F -			_			<u> </u>	
	L009999523	17.1 , Monte Claro km.14.1 - km 14.6, Rio Hondo 1 km. 12.8 - km 13.6	Bayamon	Design 1	c -	-	-	-	-	-	-	
15	ZP-20	(Eastbound), Rio Hondo 2 km. 13.0 - km	Toa Baja	Design		-	-	-	-	-	-	
		13.25 (Westbound), Rio Hondo 3 km. 12.5 - km 12.9			F -	-	-	-	_	-	-	
		12.5 - KM 12.9		ROW 1		-	-	-	-	-	-	
					S	-	-	-	-	-	-	
				_	F -	1,061,303	-	-	1,520,000	-	2,581,303	Originally Programmed in the
				Construction	C -	261,193 23,000	-	-	380,000 100,000		641,193 123,000	amount of \$700K. Obligated in F
_					т	1,345,496			2,000,000		3,345,496	2017 with \$1,345,496.
		Total Estimated Project Cost			-	1,345,496	-	-	2,000,000	-	3,345,496	
				7	F -	856,122 210,696	-	-			856,122 210,696	Originally Programmed in the
				NEPA	s -	9,551	-	-	-	-	9,551	amount of \$785k. Obligated in 2017 with \$1,076,369.
					т	1,076,369					1,076,369	2017 with \$1,076,369.
				7	F	-	-	-				
				Pre-Engineering	s	-	-	-	_	-	-	
	AC-000533				T	-			760,000		760,000	
	AC-000555	Environmental Study Extension PR-5	D	Bi 1	rc -	-	-	-	190,000		190,000	
16	ZP-20	From PR-199 to PR-167	Bayamon	Design	s	-	-	-	50,000	-	50,000	
					T .				1,000,000	34,400,000	<b>1,000,000</b> 34,400,000	
				1	r	-	-	-		8,600,000	8,600,000	
				ROW	s	-	-	-	-		-	
					Т	·	·			43,000,000	43,000,000	
				7	F -	-	-	-		91,200,000 22,800,000	91,200,000 22,800,000	
				Construction	s -	-	-			6,000,000	6,000,000	
					т				-	120,000,000	120,000,000	
		Total Estimated Project Cost				1,076,369		-	1,000,000	163,000,000	165,076,369	

Núm.	C-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisc	al Year		Future Investment	Total Est. Cost	Remarks
vuiii.	Program Code	Description	TOWIT	Filase	reu. Fast Obligations / Locally Fullueu	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
				T	F -	-	-	-	-	-	-	
				NEPA	s <u>-</u>	-	-	-	-	-	-	In House
					Т F .		_	-	-		-	
				Pre-Engineering	·c -	-	-	-	-		-	
					S	-	-	-	-	-	-	
	AC-000259	Construction of Noise Barrier, Los			F -	-	1	-	-	-	-	
17	L000000259	Almendros Development, PR-22 km.	Bayamon	Design	C - S -	-	-	-	-	-	-	In House
	ZP-20	12.2 to km 12.7			Т						-	
				ROW T	F	-	-	-	-	-	-	
				ROW	S	-	-	-	-		-	
					F -	613,711	-	-	-	-	613,711	Originally Programmed with
				Construction		151,039	-	-	-	-	454.000	\$650K. Obligated in FY 2017 wi
					т	23,000 <b>787,750</b>	-	-	-	-	787,750	\$787,500
		Total Estimated Project Cost			-	787,750	-	-	-		787,750	
				uen. T	F	-	-	-	-	-	-	
				NEPA	s		-	-	-	-	-	In House
				-	F -	-	-	-	-		-	
				Pre-Engineering T		-	-	-	-	-	-	
					т	<u> </u>	-	-	-	·	-	
		Additional Funds for the Construction of a new Recreational Trail for Bicycles and		-	F -	-	-	-	-	-	-	
18	ZP-20	Pedestrians	Toa Baja	Design	s	-		-	-	-	-	In House
		from Rio Bayamon to PR-165		-	T						-	
				ROW T	- C -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	
					F 1,017,742	-	-	800,000	-	-	1,817,742	
				Construction	C 254,435 S 66,957	-	-	200,000		-	454,435 66,957	Earmark Project added for additional funding.
_				-	T 1,339,134		_	1,000,000	-	<del>-</del>	2,339,134	additional randing.
		Total Estimated Project Cost			1,339,134	-	-	1,000,000	-	-	2,339,134	

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2017-2020\*\* AMENDMENT#3

2027

500,000

10,000,000

10,500,000

265,250,000

500,000

10,000,000

11,015,536

418,720,655

Legend:
F - Federal Funds
TC - Toll Credits Funds
S - State / Local Funds
T - Total Funds

Núm.	AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	al Year		Future Investment	Total Est. Cost	Remarks							
Walli.	Program Code	Description	TOWII	Filase	reu. Past Obligations / Locally Fullueu	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks							
					F 172,429	-	-	-	-	-	172,429								
				NEPA	TC 43,107		-	-	-		43,107								
					T 215,536						215,536								
					F -	-	-	-	-	-	-								
			Pr 	Pre-Engineering	S -	-	-	-	-	-	-								
					т	•					=								
	AC-010194				F -	-	-	228,000	-	-	228,000								
19	S000000194	Barranquitas South Bypass	Barranquitas	Design	S -	-	-	57,000 15,000	-	-	57,000 15,000								
	LP-9999(189)				Т			300,000			300,000								
	ZP-10	ZP-10										F -	-	-	-	-	380,000		
				ROW	۱۲ - ۱۲ -	-	-	-	-	95,000 25,000	95,000 25,000								
					т					500,000	500,000								
					F -	-	-	-	-	7,600,000									
				Construction	TC -	-	-	-	-	1,900,000	1,900,000	Estimated Time of Completion							

45,490,122

28,039,828

300,000

27,900,750

47,008,406

215,536

5,031,549

Construction

Grand Total

Total Estimated Project Cost

UA > 1,000,000 Population (San Juan)

AC Núm.	-Code / Oracle # / Fed # /	Description	Ta	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal \	/ear		Future Investment	Total Est. Cost	Domonko
vum.	Program Code	Description	Town	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
		_		İ	F 384,525	-	-	-	-	-	384,525	
				NEPA T	C 104,153	-	-	-	-	-	104,153	
					S	-	-	-	-	-	-	
					488,678	304,000					488,678	
				, T	r C -	76,000		-		-	304,000 76,000	Originally Programmed in the
				Pre-Engineering	s -	70,000	_	_	_	_	70,000	amount of \$400K. Obligated
		Additional Funds for the Feasibility		-	ī	380,000					380,000	2017 in the amount of \$38
	AC-000213	Study RFP - Improvements PR-2,			F -	-	-	-	-	-	-	
	L00000213	Aguadilla - Mayaguez Corridor from its	Aguadilla -	Design		-	-	-	-	-	-	
20		intersection with PR-107 Municipality of	Mayaguez			-	-	-	-	-	-	
	ZP-20	Aguadilla to its intersection with PR-114			T						-	
		Municipality of Mayaguez		Ţ	-						-	
				ROW	s -	_	_	_	_	_	-	
				-	T						-	
					F -	-	-	-	-	-	-	
				Construction T	·C -	-	-	-	-	-	-	
						-	-	-	-	-	-	
		Total Estimated Project Cost			488,678	380,000			_		868,678	
		Total Estillated Project Cost			F 386,400	380,000	-1	-		-	386,400	
				NEPA T	C 66,641	-	-	-	-	-	66,641	
				NEPA	S	-	-	-	-	<u> </u>	-	
					Т 453,041						453,041	
				- -	-	605,969	-	-	-	-	605,969	Originally Programmed in t
				Pre-Engineering T	-	151,492 6,708		-		-	151,492 6,708	amount of \$800K. Obligated
		Additional Funds for the Feasibility		-	r	764,169	_				764,169	2017 the amount of \$767,
	AC-301133	Study RFP - Improvements PR-3 Rio			F -	-	-	-	-	-	-	
	R000003333	Grande - Fajardo Corridor Including Access Management Plan from its	Rio Grande -	Design		-	-	-	-	-	-	
1	MP-3-(43)	intersection with PR-66 Municipality of	Fajardo			-	-	-	-	-	-	
	ZP-20	Rio Grande to its intersection with PR-			T						-	
		53 Municipality of Fajardo		T								
				ROW	s -	-		_		-		
				-	Т						-	
					F -	-	-	-	-	-	-	
				Construction T	rc -	-	-	-	-	-	-	
					s -	-	-	_	-		-	
									· ·		_	

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	ΔΝ	ΛFI	NDN	<b>JENT</b>	# 3

m. AC-Code	e / Oracle # / Fed # /	Description		Phone	Ford Poor Obligations (Lovelly Funded	TIP Fisca	l Year			Total Est. Cost	Domestic
m. P	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded 2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
		Pavement Rehabilitation and Reconstruction of Roads (2017)		NEPA .	F		-		:	-	
	_	PR-52 from km 66 to km 71.6 -	_	Pre-Engineering <sup>1</sup>	F	- -	- - -		- - -	-	
	AC-800477 L009999477 P-52(49) / 52(50)	\$16,075633	Islandwide	Design	T			·	-	-	Originally Programmed in
	ZP-10, ZP-20 ZP-30	PR-52 from km 71.6 to km 77 -		ROW	F		-		-	-	amount of \$24,209,144 Obligated in FY 2017 wit \$32,369,532
		\$16,097,349			5		-		- -	29,622,232 2,550,750	Please see Appendix C f
					S - 32,172,9		-	-	<u> </u>	32,172,982	pavement project detai
	T	otal Estimated Project Cost			- 32,172,9	82 -	-	· <u> </u>	-	32,172,982	
				NEPA 1	F		-	-	-	-	
				Pre-Engineering	F		-		-	-	
	AC-800485 R009999485	Pavement Rehabilitation and			F		-		-	-	
	ZP-10, ZP-20 ZP-30	Reconstruction of Roads (2018)	Islandwide	Design	S - T		<del>-</del>		-	-	
	2. 30			ROW 1			-		-	-	Please see Appendix C pavement project deta
				Construction	F	- 38,160,426 - 9,540,107	-		-	38,160,426 9,540,107	Change in Budget from \$15,94- \$50,211,087. Advance Constr
					S -	- 2,510,554 <b>50,211,087</b>		-	-	2,510,554 <b>50,211,087</b>	Funds will be utilized for this pr

A(	C-Code / Oracle # / Fed # /	Paraulatian	<b>-</b>	Dhara	Ford Book Ohlisekiese (Lovelly Francisco		TIP Fiscal \	/ear		Francisco Lorente Control	Tatal Fat. Cont.	Para andra
úm. ^`	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
				F NEDA T	-	-	-	-	-	-	-	
		Pavement Rehabilitation and		NEPA S	5 -	-		-	-	-	-	
		Reconstruction of Roads (2017)									-	
	_			F	-	-	-	-	-		-	
				Pre-Engineering T	-	-		-		-	-	
		PR-52 from km 66 to km 71.6 -									-	
	AC-800477	\$16,075633		F	-	-	-	-	-	-	-	
1	L009999477 ZP-52(49) / 52(50)		Islandwide	Design T	C -	-		-				Originally Programmed in
	ZP-10, ZP-20			1	í –						-	amount of \$24,209,144
	ZP-30			F		-	-	-	-	-	-	Obligated in FY 2017 wit
		PR-52 from km 71.6 to km 77 - \$16,097,349		ROW T	C -	-	-	-	-	-	-	\$32,369,532
		\$10,097,349		1	r	-	-		-		-	
				F	-	29,622,232	-	-	-	-	29,622,232	
				Construction	C -	2,550,750	-	-	-	-	2,550,750	Please see Appendix C fo
				3	7	32,172,982		-	-	<u>.</u>	32,172,982	pavement project detail
	T	otal Estimated Project Cost				32,172,982	-	-	-	-		
				F	-	-	-	-	-	-	-	
				NEPA S	5 -	-	-	-			-	
											-	
				F	-	-	-	-	-		-	
				Pre-Engineering T	C -	-	-	-	-		-	
				1	i l						-	
	AC-800485			F	-	-	-	-	-	-	-	
	R009999485	Pavement Rehabilitation and Reconstruction of Roads (2018)	Islandwide	Design	C -	-	-	-			-	
	ZP-10, ZP-20	neconstruction of nodus (2010)		1	7	-	-				-	
	ZP-30			F	-	-	-	-	-	-	-	
				ROW T	C -	-	-	-	-	-	-	Please see Appendix C f pavement project detai
				3	-	-	-	-	-	-	-	pavement project detai
				F	-	-	38,160,426	-	-	-	38,160,426	Change in Budget from \$15,944,
				Construction	c -	-	9,540,107	-	-		9,540,107	\$50,211,087. Advance Constru
				5	-	-	2,510,554 <b>50,211,087</b>	-	-	-	2,510,554 <b>50,211,087</b>	Funds will be utilized for this pro
							30,,007		1		33,211,007	

lúm.	AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisc	al Year		Future Investment	Total Est. Cost	Remarks
	Program Code	Description	Town	rilase	red. Fast Obligations / Locally runded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
				1	F -	-	-	-	-		-	
				NEPA	S	-	-	-	-	-	-	
				-	T F -	-	-	-	-	-	-	
				Pre-Engineering		-	-	-	-	-	-	
					Т	-	-	-	-	<u> </u>	-	
	AC-800511	Pavement Rehabilitation and			F -	-	-	-	-	-	-	
26	R009999511	Reconstruction of Roads (2019)	Islandwide	Design	- S -	-	-	-	-	-	-	
	ZP-10, ZP-20			-	T						-	
	, ZP-30			ROW 1	TC -	-	-	-	-		-	Please see Appendix C for
				ROW	S	-	-	-	-		-	pavement project details
					F -	-	-	11,263,252		-	11,263,252	
				Construction	C -	-	-	2,815,813 741,003	-	-	2,815,813 741,003	Change in Budget from \$23,930,992 to \$14,820,069.
					т	-	-	14,820,069	-	-	14,820,069	323,530,552 to 314,820,005.
	T	otal Estimated Project Cost			-	-	-	14,820,069	-		14,820,069	
				1		-	-	-	-	-	-	
				NEPA	S	-	-	-	-	<u> </u>	-	
				-	F -	-	-	-	-		-	
				Pre-Engineering		-	-	-	-	-	-	
				<u></u>	ь т	-	-	-	-	-	-	
	AC-800518 R009999518	Pavement Rehabilitation and		_	F -	-	-	-	-	-	-	
27		Reconstruction of Roads (2020)	Islandwide	Design	S	-	-	-	-	-	-	
	ZP-10, ZP-20			-	Т						-	
	, ZP-30			ROW 1	r C -	-	-	-	-	-	-	Please see Appendix C for
				NOVV	S	-	-	-	-	-	-	pavement project details
					F -	-	-	-	30,481,591		30,481,591	
				Construction <sup>1</sup>	TC -	-	-	-	7,620,398 2,005,368		7,620,398	Change in Budget from \$21,675,040 to \$40,107,356.
					Т	-	-	-	40,107,356	<u> </u>	2,005,368 <b>40,107,356</b>	\$21,075,040 to \$40,107,356.
	T	otal Estimated Project Cost			-			-	40,107,356		40,107,356	

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2017-2020\*\* AMENDMENT#3

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal Y	'ear		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWN	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
	_		_	F -	-	-	-	-	-	-	
			NEPA	rc	-		-	-			Project Obligated in FY 2017
				т						-	
				F 17,224,756	4,815,000	-	-	-	-	22,039,756	A Carry Forward Amount of
			Planning	C 4,306,189	1,185,000	-	-	-	-	5,491,189	\$21,530,944.55 from SPR-53 ha
				S	6,000,000	-	-	-	<u> </u>	27,530,945	been allocated.
AC-900123	SPR-54 - State Planning and Research			F -	-	-	-	-	-	-	
L009000123	Program (2017)	Islandwide	Design 1	C -	-	-	-	-	-	-	
ZP-10				т -	-	-	-	-		-	
				F	-	-	-	-	-		
			ROW	s -	-	-	-	-			
				T						-	•
			1	F	-	-	-	-		-	
			Construction	s <u> </u>	-	-	-	-	-	-	
	Total Estimated Project Cost			T 21,530,945	6,000,000	_				27,530,945	
	Total Estimated Troject Cost			F -	-	-	-	-		-	
			NEPA 1	C -	-	-	-	-	-	-	
				т		_		_		-	
				F 15,960,000	-	4,800,000		-	-	20,760,000	A Carry Forward Amount of
			Planning	TC 3,990,000 S 1,050,000	-	1,200,000	-	-		5,190,000 1,050,000	\$21,000,000 from SPR-54 will b
				T 21,000,000		6,000,000				27,000,000	utilized.
AC-900128 L0090000128	SPR-55 - State Planning and Research		. 1	F	-	-	-	-			
29	Program (2018)	Islandwide	Design	s	-	-	-	-	-	-	
ZP-10				T		-					
			ROW 1		-	-	-	-	-	-	
				S -	-	-	-	-	-	-	
				F -	-	-	-	-	-	-	
			Construction		-	-	-	-	-	-	
				S	-	-	-	-	-	-	
	Total Estimated Project Cost			21,000,000		6,000,000		-		27,000,000	

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2017-2020\*\* AMENDMENT#3

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal	Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWIT	Filase	red. Past Obligations / Locally runded	2017	2018	2019	2020	ratare investment	Total Est. Cost	Kemarks
			_	F -	-	-	-	-	-	-	
			NEPA	TC -   S -	-	-		-	-		
				т						-	
			-	F -   TC -	-	-	4,800,000 1,200,000	-	-	4,800,000 1,200,000	
			Planning	S -	-	-	1,200,000	-	-	1,200,000	
				т			6,000,000			6,000,000	
AC-900132 L0090000132	SPR-56 - State Planning and Research		-	F -   TC -	-	-	-	-	-	-	
	Program (2019)	Islandwide	Design	S	-	-	-	-	-	-	
ZP-10				T						-	
			ROW	г ГС -	-	-	-	-	-		
			ROW	S	-	-	-	-	-	-	
				T F -	_	_	_	_	_	-	
			Construction	гс -	-	-	-	-	-		
				S	-	-	-	-	-	<u> </u>	
	Total Estimated Project Cost			-	-	-	6,000,000	-	-	6,000,000	
	-			F -	-	-	-	-	-	-	
			NEPA	TC -   S -	-	-	-	-	-		
				Т						-	
			_	F -	-	-	-	4,800,000	-	4,800,000	
			Planning	rc - s -	-	-	-	1,200,000	-	1,200,000	
				т				6,000,000		6,000,000	
AC-900134 L0090000134	SPR-57 - State Planning and Research		-	F -   TC -	-	-	-	-			
	Program (2020)	Islandwide		S	-	-	-				
ZP-10				T						-	
			-	TC -	-	-	-	-		-	
			ROW	s	-	-	-	-	-	-	
				T -	_	_	_	_		· · · · · · · · · · · · · · · · · · ·	
			Construction	гс -	-	-	-	-	-	-	
			CONSTRUCTION	s -	-	-	-	-	-	-	
				<u>-</u>	The state of the s		+	1			

FISCAL	YEARS	2017	-20	ZU
Αľ	MENDI	<b>∕</b> IENT	#3	

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal Y	/ear		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWN	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
			1		-	-	-	-	-	-	
	Rehabilitation and Replacement of		NEPA (	C	-	-	-				
	Bridges (2017)			r						-	
			<u> </u>	F -	-	-	-	-		-	
			Pre-Engineering T	5 -	-	-	-	-		-	
	Rehabilitation of Complex Bridge #300,			r						-	
AC-800474	Naranjito - \$13,225,001			-	-	-	-	-	-	-	DI C 4 :1: 45
B009999474 32 ZP5(10) / 114(3)		Islandwide	Design	C	-	-	-		-	-	Please See Appenidix A for Project List
ZP-10, ZP-20			1	r		-				-	r roject zist
			-	F -	93,792	-	-	-		93,792	
	Bridge #2161 at PR-114 over waterway,		ROW T		23,083	-	-	-	-	23,083	Originally Programmed in the
	km 2.2, Mayaguez - \$116,875		1	r	116,875		-	-		116,875	amount of \$13,189,000.
			-	F -	10,973,854	-	-	-	-	10,973,854	Obligated in the amount o
			Construction	CC -	2,249,422	-	-	-	-	2,249,422	\$13,341,876
			3	-	1,725 13,225,001	-	-	-		1,725 13,225,001	
	Total Estimated Project Cost			-	13,341,876	-	-	-	-		
			-	F -	-	-	-	-	-	-	
			NEPA (	C		-	-		-		
				r						-	
			-	F -	-	-	-	-	-	-	
			Pre-Engineering T	CC -	-	-	-	-		-	
			1	r						-	
AC-800486			-	F -	-	794,200	-	-		794,200	
B009999486 3	Rehabilitation and Replacement of Bridges (2018)	Islandwide	Design	CC -	-	198,550 52,250	-	-	-	198,550 52,250	Please See Appendix A for Proj List
ZP-10, ZP-20,	Bridges (2018)		1	r	-	1,045,000	-	-		1,045,000	List
., .,			-	F -	-	-	-	-	-	-	
			ROW T	CC -	-	-	-	-	-	-	
			1		-	-	-	-		-	
			-	F -	-	6,285,960	-	-		6,285,960	
			Construction		-	1,571,490	-	-	-	1,571,490	See Appendix A for Project Li
					-	413,550 <b>8,271,000</b>	-	-	-	413,550 <b>8,271,000</b>	, , , , , , , , , , , , , , , , , ,
	Total Estimated Project Cost			1		9,316,000				8,271,000	

ed # /					TIP Fiscal	Year				
Description	Iown	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
			•	-	-	-	-	-	-	
				-	-	-	-	-	-	
			т						-	
			F -	-	-	-	-	-	-	
		Pre-Engineering	TC	-	-	-	-	-	-	
			T						-	
	of Islandwide	Danier	F -   TC -	-	-	-	-	-	-	
Rudges (2019)		-	J	-	-	-	-	-	-	
			F -	-	-	-	-	-	-	
		ROW	TC -	-	-	-	-	-	-	
			T		-		-		-	
		-	F -	-				-	10,113,320	
		Construction	s		-	665,350	-		665,350	See Appendix A for Project Lis
Total Estimated Dynical Cost			<u>T</u>							
Total Estimated Project Cost			F -	-	-	13,307,000	<u> </u>	-	13,307,000	
		NEPA -	тс -	-	-	-	-	-	-	
			S	-	-	-	-	-	-	
			•	-	-	-	-	-	-	
		Pre-Engineering	TC	-	-	-	-	-	-	
			т						-	
Rehabilitation and Replacement of	of		F - TC	-	-	-	-	-	-	
Bridges (2020)	Islandwide	Design	<u> </u>		-	-	-	<u> </u>	-	
		-	F -	-	-	-	-	-	-	
		ROW	TC -	-	-	-	-	-	-	
			T -	<u>-</u>	-	-	-	<u>-</u>	-	
			- TC	-	-	-	9,492,400	-		
		Construction	S -		-		624,500		2,373,100 624,500	See Appendix A for Project Lis
							12,490,000		12,490,000	
	Bridges (2019)  Total Estimated Project Cost  Rehabilitation and Replacement of Bridges (2020)	Rehabilitation and Replacement of Bridges (2019)  Total Estimated Project Cost  Rehabilitation and Replacement of Bridges (2020)  Islandwide	Rehabilitation and Replacement of Bridges (2019)  Total Estimated Project Cost  Rehabilitation and Replacement of Bridges (2020)  Islandwide  Construction  Rehabilitation and Replacement of Bridges (2020)  Rehabilitation and Replacement of Bridges (2020)  Row  Construction	Page   Fed. Past Ubligations / Locally Funded   Fed. Past Ubligations / Locally Funded	Description   Town   Phase   Peal Past Ubligations / Ideally Funded   2017	Pascription   Town   Phase   Fed. Past Obligations / Locally Funded   2017   2018	Pase   Pee Past Origination   Collary Funds   Collary Funds	Description   Town   Phase   Fed. Past Obligations / Locally Funded   2017   2018   2019   2020	Description   Town   Phase   Fed. Past Obligations   Locally Funded   2017   2018   2019   2020	Description   Town   Phase   Ped. Past Obligations / Locally Funded   2017   2018   2019   2020   Future investment   Total fact. Cost   Cos

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

AMENDMENT#3

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded	TIP Fisc	cal Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	Town	Phase	red. Past Obligations / Locally Funded 201	7 2018	2019	2020	Future investment	Total Est. Cost	Kemarks
		-	-	F	-	-	-	-	-	
	Systematic Bridges Preservation		NEPA	S -				-	-	
	Program (2017)			T					-	
			Pre-Engineering	r rc -						
		='	Pre-Engineering	S				-	-	
AC-800475				F -					-	
B009999475 ZP-2(74)		Islandwide	Design	rc -	-	-	-	-	-	
ZP-2(74) ZP-20	Bridge #2032, at PR-2 over PR-128, km			5 T		-	-	-	-	
	197.8, Yauco			F -		-	-	-	-	
			ROW	rc -   s -				-	-	See Appendix A for Project
				т					-	
			1	F	1,212,881 - 69,977 -				1,212,881 69,977	Originally Programmed in
			Construction	S	18,400 -	-		-	18,400	amount of \$1M. Obligated 2017 with \$1,301,258
	Total Estimated Project Cost				1,301,258 -				1,301,258 1,301,258	
	Total Estimated Project cost			F -					-	
			NEPA	rc -	-	-	-	-	-	
				т	-		-		-	
				F -		-	-	-	-	
			Pre-Engineering	FC -   S -					-	
				T					-	•
AC-800487 B009999487	Systematic Bridges Preservation		1	F					-	
	Program (2018)	Islandwide	Design	S			-	-	-	
ZP-20				T F -				-	-	
			ROW	rc -	-	-	-	-	-	Please See Appendix A
				S			-	-	-	Project List
			-	F -	- 2,351,440			-	2,351,440	
			Construction	TC -	- 587,860 - 154,700		-	-	587,860 154,700	Change in Budget from \$2,094,000 to \$3,094,0
				5 <u>-</u>	- 154,700 3,094,000		-	<u>-</u>	3,094,000	32,034,000 to \$3,094,0
				1	3,034,000				3,034,000	

Núm.	AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal	Year		Future Investment	Total Est. Cost	Remarks
Num.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
		Bridge Critical Findings (2017)		NEPA T	F - CC - S -	-	-	- - -	-	- - -	-	-
		ROW - Bridge #547 over Cruz Creek at PR-824, km 2. 8, Toa Alta - \$15,750			F	-	-	-	-	-	-	<del>-</del>
	AC-900124	Construction - Bridge #547 over Cruz Creek at PR-824, km 2. 8, Toa Alta -		Pre-Engineering	S	-	-	-	-	-	-	_
38	B009000124 ZP-824(3) / 824(2)	\$523,820	Islandwide	Design		-	-	- - -	-	- - -	-	_
ZP	P-143(34) / 902(2) ZP-10, ZP-20,	ROW - Bridge #780 over Matrullas River at PR-143, km 36, Orocovis - \$13,962	-	ROW	T	44,630 10,984	-	- - -	:	-	- 44,630 10,984	Please See Appendix A for Project
		ROW - Bridge #2314 over Cayaguas River, off PR-902, km 0.1 , San Lorenzo - \$25,902  Total Estimated Project Cost		Construction	F	<b>55,614</b> 424,591 99,229	-	-	-	-	<b>55,614</b> 424,591	=
					S	523,820 579,434	-	·	-		523,820	<del>-</del> \$579,434
				NEPA T	F		-	- - -	-	- - - -	-	
					F	-	-	-	-	-	-	<del>-</del>
				Pre-Engineering	- s T	-	-	- -	-	-	-	
39	AC-900129 B009000129 Bridg ZP-10, ZP-20,	Bridge Critical Findings (2018)	Islandwide	Design	F - C - S	-	56,240 14,060 3,700	- - -		- - -	3,700	Please See Appendix A for Project List
				ROW T	F - C -	-	74,000 - -	-	-	- - -	74,000	
					S	-	4,707,440	-	-	-	- - 4,707,440	
				Construction	- s 		1,176,860 309,700			-	1,176,860 309,700	_
_		Total Estimated Project Cost			<u> </u>	-	6,194,000 6,268,000				6,194,000 6,268,000	

Núm.	AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisc	al Year		Future Investment	Total Est. Cost	Remarks
Num.	Program Code	Description	Town	Priase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Kemarks
	_			1	F - C -	-	-	-	-	-	-	-
				NEPA	s <u>-</u>	-	-	-	-	-	-	_
				-	T						-	
				1	r - C -	-	-	-	-		-	
				Pre-Engineering	s	-	-	-	-	-	-	-
	AC-900133			-	T	_	_	_	_		-	
	B009000133			Dosign 1	- C -	-	-	-	-		-	
40		Bridge Critical Findings (2019)	Islandwide	Design	s <u> </u>	-	-	-	-	-	-	<u>-</u>
	ZP-20				<u> </u>			-	_		-	
				ROW 1	C -	-	-	-	-	-	-	
				NOW	S	-	-	-	-	-	-	-
				I F -	_	_	2,128,000	_		2,128,000		
				Construction 1		-	-	532,000	-	-	532,000	Please See Appendix A for Project
				Construction	<u>-</u>	-	-	140,000 <b>2,800,000</b>	-	-	140,000 <b>2,800,000</b>	List
	To	Total Estimated Project Cost				_	_	2,800,000	-		2,800,000	
		otal Estimated Project cost			F -	-	-	-	-	-	-	
				NEPA 1	· ·	-	-	-	-	-	-	
					S	-	-	-	-	<u> </u>	-	=
					F -	-	-	-	-	-	-	
				Pre-Engineering	·C -	-	-	-	-	-	-	
					S	-	-	-	-	<u>-</u>	-	<u>-</u>
	AC-900135				F -	-	-	-	-	-	-	
	B009000135	Bridge Critical Findings (2020)	Islandwide	Design <sup>1</sup>	· -	-	-	-	-	-	-	
41	ZP-10, ZP-20				S	-	-	-	-	-	-	-
	2. 10, 2. 20				F -	-	-	-	-	-	-	
				ROW 1		-	-	-	-	-	-	
					Т	-	-	-	-		-	-
					F -	-	-	-	2,731,440	-	2,731,440	
				Construction	C -	-	-	-	682,860 179,700	-		Please See Appendix A for Projec List
					Т	-	-	-	3,594,000		179,700 <b>3,594,000</b>	LIST
	To	otal Estimated Project Cost				_		_	3,594,000	_	3,594,000	

### GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

AMENDMENT#3

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fiscal	Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWN	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
			1	- C -	-	-	-	-		-	-
			NEPA '	5 -	-	-	-	-		-	
			1	г						-	-
	Upgrade of Safety Devices in the Highway System (2017)		T	- C	-	-	-	-	-	•	
	riigiiway System (2017)		Pre-Engineering	5 -	-	-	-	-	-		
			1								
AC-990134 L009900134			T	c -	-	-	-	-		-	
42 ZP-66(1)	I	Islandwide	Design	5	-	-	-	-	-	-	_
ZP-10, ZP-20, ZP-30				-						-	- -
			T	- C -	-	-	-	-	-	-	Please See Appendix A for Project
	PR-66 km 0 to km 20		ROW	5	-	-	-	-	-	-	
				<u> </u>	5,738,772					5,738,772	
			Construction	c -	1,434,693	-	-			1,434,693	Originally Programmed in the amount of \$5M. Obligated in the
			Construction	5		-	-	-	-	-	- amount of \$7,173,465.
	Total Estimated Project Cost				7,173,465 7,173,465			_		7,173,465 7,173,465	
	Total Estimated Project cost		ı	· _	-	-	-	-	-	-	
			NEPA T	C -	-	-	-	-	-	-	
			1	-	-	-		-	•	-	-
			ı	-	-	-	-	-	-	-	
			Pre-Engineering T	C -	-	-	-	-	-	-	
			1	·	-	-		-	•	-	-
AC-990144			-	-	-	-	-	-	-	-	
L009900149 43	Upgrade of Safety Devices in the Highway System (2018)	Islandwide	Design	C -	-	-	-	-		-	
ZP-10, ZP-20, ZP-30			i							-	=
			1	-	-	-	-	-	-	-	Please See Appendix B for Project
			ROW '	5 -	-	-	-	-		-	List
										-	
			T	- C	- [	11,485,009 2,871,252	-	[	-	11,485,009 2,871,252	Change in Budgt from \$3,530,000
			Construction	5 -	-		-		-	2,871,232	
						14,356,261				14,356,261	<u> </u>
	Total Estimated Project Cost					14,356,261	_			14,356,261	

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	al Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWIT	Filase	red. Past Obligations / Locally Fullded	2017	2018	2019	2020	ratare investment	Total Est. Cost	Remarks
				F	-	-	-	-	-	-	•
			NEPA		-	-	-	-		-	
				Г						-	•
			T	F	-	-	-	-		-	
			Pre-Engineering	- 5	-	-	-	-	-	-	
AC-990155				<u> </u>	_		_	_		-	
L009900155	Upgrade of Safety Devices in the	Islandwide	Design	C -	-	-	-	-	-	-	
44	Highway System (2019)	isianuwiue	Design		-	-	-	-	-	-	•
ZP-10, ZP-20, ZP-30				F -	-	-	-	-	-	-	
			ROW T		-	-	-	-	-		Please See Appendix B for Project
			-	S	-	-	-	-	-	-	List
				F -	-	-	10,763,200	-	-	10,763,200	
			Construction	C	-		2,690,800	-		2,690,800	Change in Budget from \$4,170,000 to \$13,454,000.
			-	r			13,454,000			13,454,000	
	Total Estimated Project Cost			-	-	-	13,454,000	-	-	13,454,000	
			ī	F	-	-	-	-	-	-	
			NEPA	- S	-	-	-	-	-	-	
				<u> </u>	_	_	_	_		-	
			Pre-Engineering T	C -	-	-	-	-	-	-	
			rie-Liigineeriiig		-	-	-	-	-	-	
AC-800519				-	-	-	-	-	-	-	
L009900156	Upgrade of Safety Devices in the	Islandwide			-	-	-	-	-	-	
45 ZP-10, ZP-20, ZP-30	Highway System (2020)		Design.	S	-	-	-	-	-	-	•
				F -	-	-	-	-	-	-	
			ROW T	C -	-	-	-	-		-	Please See Appendix B for Project List
				r						-	LISC
					-	-	-	4,000,000 1,000,000	-	4,000,000 1,000,000	Change in Budget from
			Construction		-	-	-	1,000,000		1,000,000	\$4,880,000 to \$5,000,000
				г				5,000,000		5,000,000	· ' '
	Total Estimated Project Cost			· · · · · · · · · · · · · · · · · · ·	_	_		5,000,000		5,000,000	

AC B00	992477 9924077 P-20	Description  Bridge Inventory System NBIS (33) (2018)	Town	Phase  I NEPA T S S S S S S S S S S S S S S S S S S	S F 1,095,927	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks  Project Olbigated in FY 2017
B00	9924077		Islandwide	Pre-Engineering T	S F 1,095,927		-	- - - - -	-	- - - - -	-	Project Olbigated in FY 2017
B00	9924077		Islandwide	Pre-Engineering T	S F 1,095,927		-	- - - - -	-	- - - -	-	Project Olbigated in FY 2017
B00	9924077		Islandwide	Pre-Engineering	S F 1,095,927	- - - - 1 424 970	-	- - -	-	-	-	Project Olbigated in FY 2017
B00	9924077		Islandwide	Pre-Engineering	S F 1,095,927	1 424 970	-	- - -	-			Project Olbigated in FY 2017
B00	9924077		Islandwide			1 424 970	-	-	-	<u> </u>		Froject Oibigated III F1 2017
B00	9924077		Islandwide	Design T		1 424 970					-	
46			Islandwide	Design T		1, 12 1,570	-	-	-	-	2,520,897	
	P-20	(2018)	isianuwiue	Design	C 273,982	356,243	-	-	-	-	630,224	Carry Forward Funds of NBIS30 and NBIS31 were utilized in the
:	P-20			9	72,100	93,748	-	-	-	-	165,849	amount of \$1,442,009
					1,442,009	1,874,961					3,316,970	
				ROW T		-	-	-	-		-	
				KOW		-	-	-	-	-	-	
				-	-	-	-	_	-	-		
				Construction	·c -	-	-	-	-	-	-	
			5	S	-	-	<u> </u>	-	-	-		
	Т	Total Estimated Project Cost			1,442,009	1,874,961	-	-	-		3,316,970	
				NEDA T	F -	-	-	-			-	
				NEPA S	5	-	-	-	-	-	-	
					<u> </u>						-	
				Pre-Engineering ,	c -	-	-	-	-	-	-	
				Pre-Engineering		-	-	-	-	-	-	
AC	992478				F -	-	1,432,913	-	-	-	1,432,913	
B00	9924078	Bridge Inventory System NBIS (34)	Islandwide	Design T		-	358,228	-	-	-	358,228	
47	P-20	(2019)		3		-	1,791,141	-	-	-	1,791,141	
				-	F -	-	-	-	-	-	-	
				ROW T	C -	-	-	-	-		-	
					r						-	
				I T	F	-	-	-	-		-	
				Construction	s	-	-				-	
		Total Estimated Project Cost			г		1,791,141				1,791,141	

Núm.	AC-Code / Oracle # / Fed # /	Description	<b>-</b>	Phase	Fed Best Obligations (Learning Funded		TIP Fisca	l Year		Estar Institution	Total Est. Cost	Parranta
Num.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
				NEPA	F		-	-	-	-	-	
				NEPA	S	-	-	-	-	-	-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC	-	-	-	-	-	-	
					T	-	-	1,400,000	-	-	1,400,000	
48	AC-992479 B009924079	Bridge Inventory System NBIS (35) (2020)	Islandwide	Design	TC -	-	-	350,000	-	-	350,000	
40		(2020)			T -	-	-	1,750,000	-	-	1,750,000	
	ZP-20			ROW	F - TC -	-	-	-	-	-	-	
				NOW	S	-	-	-	-	-	-	
				F	-	-	-	-	:	-		
				Construction	S	-	-	-	-	-	-	
		Total Estimated Project Cost			-	-	-	1,750,000	-		1,750,000	
					F	-	-	-	-	-	-	
				NEPA	s	-	-	-	-	-	-	
					T F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-			-	
					Т						-	
	AC-TBD	Bridge Inventory System NBIS (36)			F	-	-	-	1,600,000 400,000	-	1,600,000 400,000	
49	ZP-20	(2021)	Islandwide	Design	s	-	-	-	-	-	-	
					T				2,000,000		2,000,000	
				ROW	ΓC -	-	-	-			-	
				NOW	S	-	-	-	-	-	-	
				_	F -	-	-	-	-	-	-	
				Construction	ГС - S -	-	-	-	-	-	-	
_					Т						-	
		Total Estimated Project Cost			-	-	-	-	2,000,000	-	2,000,000	

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2017-2020\*\* AMENDMENT#3

GOVERNMENT OF PUERTO RICO

AC-Code / Oracle # / Fed # /	/ Boundation	T	Dhara	Ford Book Obligations (Locally Fundad		TIP Fiscal	l Year		Estate Installation	Tabel Feb. Cont.	Para andre
m. Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
			_	F - TC -	-	-	-	-	-	-	
			NEPA	S -	-	-	-	-		-	
	Intelligent Transportation System (ITS)			т						•	
	(2017)		1	F - ΓC -	-	-	-	-		-	
			Pre-Engineering	s -	_	_	_	_		-	
				т							
AC-990133				F -	-	-	-	-	-	-	
0 L009900133		Islandwide	Design 1	TC -	-	-	-	-	-	-	
ZP-52(47) ZP-10, ZP-20, ZP-30	Reversible Lane Barrier Operation PR-18			T -	-	-		-		-	
	and PR-52			F -	-	-	-	-	-	-	
			ROW	TC	-	-	-	-		-	
				Т							
			7	F -   TC -	720,000 180,000	-	-	-		720,000 180,000	
			Construction	S	·	-	-	-		-	Project Olbigated in FY 20
	Total Estimated Project Cost			Т	900,000					900,000	
	Total Estimated Project Cost			- F -	900,000	-	-		-	900,000	
			NEPA 1	гс -	-	-	-	-	-	-	
				S	-	-	-	-	<u> </u>	-	
				F -	-	-	-	-	-	-	
			Pre-Engineering <sup>1</sup>	гс -	-	-	-	-		-	
				т - <u></u>	-	-		-		-	
AC-990146				F -	-	-	-	-	-		
L009900146	Intelligent Transportaton System (ITS) (2018)	Islandwide	Design	ГС - S -	-	-	-	-		-	
ZP-10, ZP-20, ZP-30	(			Т							
				F -   rc -	-	-	-	-	-	-	
			ROW	S -	-	-	-				
				Т						-	
			-	F -	-	1,805,000 451,250	-	-	-	1,805,000	Please See Appendix D for F
			Construction	c -	-	118,750	-		-	451,250 118,750	List
				Ť		2,375,000				2,375,000	

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	al Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	TOWIT	Filase	rea. rast obligations / Locally runded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
	<del>-</del>		_	- l	-	-	-	-	-	-	
			NEPA	C	-	-	-	-			
				т	_			-		-	-
				F -	-	-	-	-	-	-	
			Pre-Engineering <sup>1</sup>	CC -	-	-	-	-	-	-	
				т	_			-		-	-
AC-990153				F -	-	-	-	-	-	-	
L009900153 52	Intelligent Transportation System (ITS) (2019)	Islandwide	Design 1	C -	-	-	-	-	-	-	
ZP-10, ZP-20, ZP-30	(2013)			т				-		-	-
				F -	-	-	-	-	-	-	
			ROW	C -	-	-	-	-	-	-	
			т				-		-	-	
				F -	-	-	2,584,000	-	-	2,584,000	
			Construction	C -	-	-	646,000 170,000	-	-	646,000 170,000	Please See Appendix D for Project List
				т			3,400,000	-		3,400,000	-
	Total Estimated Project Cost			-	-	-	3,400,000	-		3,400,000	
			-	F	-	-	-	-	-	-	
			NEPA	s -	-	-	-	-		-	
				т						-	
			-	F -	-	-	-	-	-	-	
			Pre-Engineering	rc -   s -	-	-	-	-	-	-	
				т						-	•
AC-990156 L009900156	Intelligent Transportation System (ITS)		-	F -	-	-	-	-	-	-	
53	(2020)	Islandwide		rc -   s -	-	-	-	-		-	
ZP-10, ZP-20, ZP-30	, ,			Т			-			-	-
			-	F -	-	-	-	-	-	-	
			ROW	- C S - I	-	-	-	-	-	-	
				Т						-	-
				F -	-	-	-	4,360,000	-	4,360,000	Diago Coo Annondiy D for Daries
			Construction	S -	-	-	-	1,090,000 286,842		1,090,000 286,842	Please See Appendix D for Project List
				т				5,736,842		5,736,842	-
								5,736,842		5,736,842	

Núm. AC-	-Code / Oracle # / Fed # /	Description	Taura	Dhasa	Fed. Past Obligations / Locally Funded		TIP Fiscal	Year		Future Investment	Total Feb Cost	Domonico
Num.	Program Code	Description	Town	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
		Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and Geometric Safety Improvements		NEPA T	F - C - S - T	-		- - -	-	- - -	-	-
		Projects (2017)		I	F -	-	-	-	-	-	-	
		PR-52, from km 49 to km 52.3, Salinas - \$3,424,227		Pre-Engineering	S Т	-	-	-	-	-	-	_
54	AC-990135 L009900135 ZP-52(51), 52(52)	PR-52, from km 55.3 to km 61, Salinas - \$3,676,500	Islandwide	Design (	F - CC - S	- - -	-	- - -	-	- - -	-	Please See Appendix B for Projec
	ZP-20(8), 152(9) ZP-152(10) ZP-10, ZP-20, ZP-30  PR-20 from km 0 to km 10, Guaynabo - \$16,976,051  PR-152 from km 0 to km 11.5, Barranquitas - Naranjito - \$1,980,001  PR152 km 13.65 to km 20.5, Barranquitas - Naranjito - \$1,375,001			F -	-	-	-	-	-	-		
				ROW	S	-	-	-	-	-	-	Originally Programmed in the amount of \$21,475,000.
		PR152 km 13.65 to km 20.5,		Construction T	F	22,014,003 5,417,777	-	-	-	-	22,014,003 5,417,777 -	Obligated in FY 2017 with \$27,431,780
					Т	27,431,780					27,431,780	
		Total Estimated Project Cost			- 	27,431,780	-	<u>-</u>	<u> </u>	•	27,431,780	
				NEPA T	- s 	-	-	-		-	-	-
				Pre-Engineering	F - C	- -	-	-	-	-	-	
	AC-990145	Islandwide Roadwide Traffic Signals,			T						-	-
55	L009900145	Pavement Marking, Signing and Geometric Safety Improvements Projects (2018)	Islandwide	Design T	- C - S	-		-	-	-	-	Please See Appendix B for Projec List
	ZP-10, ZP-20, ZP-30	Projects (2016)		ROW T	F - CC - S -	- - -		-	-	- - -	-	Change in Budget from \$18,545,280 to \$6,459,210
					Т						-	
				Construction	F - CC - S -	- - -	5,167,368 1,291,842 -	- - -	-	- - -	5,167,368 1,291,842 -	\$4,433,270.05 were utilized for
							6,459,210		1		6,459,210	<ul> <li>Fiscal Year 2017</li> </ul>

AC-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	Il Year		Future Investment	Total Est. Cost	Remarks
Program Code	Description	100011	riuse	real rust obligations / Locally runded	2017	2018	2019	2020	rature investment	rotal Est. Cost	Remarks
			-	F	-	-	-	-		-	_
			NEPA	s -	-	-	-	-		-	
				Т						-	<u>-</u>
			-	F	-	-	-	-	-	-	
			Pre-Engineering	s -	-	-	-	-		-	
				Т						-	<u>-</u>
AC-800514	Islandwide Roadwide Traffic Signals,		-	F -	-	-	-	-	-	-	
L009999514 56	Pavement Marking, Signing and Geometric Safety Improvements	Islandwide	Design	- C - S	-	-	-	-		-	
ZP-10, ZP-20, ZP-30	Projects (2019)		<u> </u>	Т						-	-
			-	F -	-	-	-	-	-	-	
			ROW	rc -	-	-	-	-		-	Please See Appendix B for Projec List
			<u> </u>	Т						-	-
			_	F -	-	-	10,015,747	-	•	10,015,747	Channelin Dudont form
			Construction	· .	-	-	2,503,937			2,503,937	Change in Budget from \$23,800,000 to \$12,519,684
			-	T			12,519,684			12,519,684	_
	Total Estimated Project Cost			-	-	-	12,519,684	-	-	12,519,684	
			ī	F -	-	-	-	-			
			NEPA	s -	-	-	-	-		-	
				Т						-	-
			Т.	F	-	-	-	-		-	
			Pre-Engineering	s -	-	-	-	-		_	
				т						-	-
AC-800521 L009999521	Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and		7	F	-	-	-	-	-	-	
57	Geometric Safety Improvements	Islandwide	Design	s -	-	-	-		-	_	
ZP-10, ZP-20, ZP-30	Projects (2020)			Т						-	<u>-</u>
			-	F -	-	-	-	-	-	-	Please See Appendix B for Projec
			ROW	C	-	-	-				List
				Т						-	
					-	-	-	19,958,698	-	19,958,698	Channel in Burdant f
			Construction	C	-	-	-	4,989,674	-	4,989,674	Change in Budget from \$25,307,116 to \$24,948,372
				·	_	-	-	· ·			
			•	Т				24,948,372		24,948,372	

Núm.	.C-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	l Year		Future Investment	Total Est. Cost	Remarks
wum.	Program Code	Description	Town	Pnase	reu. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	кетагкз
				,	F	-	-	-	-	-	-	-
				NEPA	s	-	-	-	-	-	-	_
					T						-	
				Pre-Engineering	c -	-	-	-	-	-	-	
				rre-Liigineeriiig	S	-	-	-	-	-	-	-
	AC-800492				F -	-	-	-	-	-	-	
58	L009999492	Implementation of Strategic Highway Safety Plan (2017)	Islandwide	Design	·C -	-	-	-	-	-	-	
30	ZP-10, ZP-20, ZP-30	Safety Flair (2017)			т	-	-	-	-	-	-	-
				-	F -	-	-	-	-	-	-	
				ROW	s	-	-	-	-	-	-	_
				-	T						-	-
				Construction	r C -	-	-	-	-	-	-	Projects were not ready on time
				Construction	S -	-	-	-	-	-	-	
		Total Estimated Project Cost			-	-	-		-	-		
				1	F	-	-	-	-		-	
				NEPA	s	-	-	-	-	-	-	<u>-</u>
					<u>r</u>	-	_	_	-	-	-	
				Pre-Engineering	C -	-	-	-	-	-	-	
				0 0	S	-	-	-	-	-	-	-
	AC-800493				F -	-	-	-	-	-	-	
59	L009999493	Implementation of Strategic Highway Safety Plan (2018)	Islandwide	Design	C -   S -	-	-	-	-	-	-	
33	ZP-10, ZP-20, ZP-30	Surety Fian (2010)			Т						-	
				1	F -   C -	-	-	-	-	-	-	Please See Appendix B for Proje
				ROW	s	-	-	-	-	-	-	
					<u>T</u>	-	2,000,000				2,000,000	
				Construction	- C -	-	500,000	-	-		500,000	Change in Budget from \$3M to
					S T	-	2,500,000	-	-	-	2,500,000	\$2.5M
_		Total Estimated Project Cost			•		2,500,000				2,500,000	

	ode / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	al Year		Future Investment	Total Est. Cost	Remarks
· · ·	Program Code	Безеприон	10.011	Tilase	real rust obligations / Locally runded	2017	2018	2019	2020	ratare investment	Total Est. Cost	Remarks
				NEPA <sup>T</sup>	F - TC - S	-	-	-		- - -	-	
				Pre-Engineering	<b>τ</b> F ΓC -	-	-	-	-	-	-	
	AC-800515				S - T -	-	-	-		<u> </u>	-	
60 Z	L009999515 ZP-10, ZP-20, ZP-30	Implementation of Strategic Highway Safety Plan (2019)	Islandwide	Design	TC - S - T	-	-	-	-	-	-	
				ROW 1	F	-	-			- - -		Please See Appendix B for Project List
				Construction	F - TC - S -	-	-	4,800,000 1,200,000	-	- - -	4,800,000 1,200,000 -	Change in Budget from \$5,780,000 to \$6M
		Total Estimated Project Cost			T			6,000,000 6,000,000			6,000,000 6,000,000	
		Total Estimated Project Cost		NEPA .	F	- - -	-		-	- - - -		
				Pre-Engineering	F - FC - S -					-	-	
61	AC-800520 L009999520	Implementation of Strategic Highway Safety Plan (2020)	Islandwide	Design 1	T	-	-		-	- - -	-	<u> </u>
	ZP-10, ZP-20, ZP-30	,		ROW	T	-	-	-	-	-	-	Please See Appendix B for Project List
				-	T F -	-	-	-	3,041,302	-	3,041,302	•
				Construction 1	TC	-	-	-	760,326	-	760,326	Change in Budget from \$5,339,200 to \$3,801,628

úm.	C-Code / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisca	l Year		Future Investment	Total Est. Cost	Remarks
um.	Program Code	Description	Iown	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Kemarks
				I T	F -	-	-	-	-	-	-	<del>-</del> '
				NEPA	5 -	-	-	-	-		-	
					г						-	-
				I T	F	-	-	-	-	-	-	
				Pre-Engineering	5	-	-	-	-	-	-	_
	AC-990151				<u>г</u>						-	
	1000000151	Highway Safety Improvements - Puerto	alamato dala	T	C -	-	-	-	-		-	
52		Rico Section 154 and 164 Penalty (HSIP- Elegible Activities) (2017)	slandwide	Design	·	-	-	-	-	-	-	_
	ZP-40, ZP-50	,, ,			-	_	_		_		-	
				ROW T		-	-	-	-		-	
						-	-	-	-	-	-	-
					F -	-	-	-	-	-	-	
				Construction		-	-	-	-	-		Projects were not ready on ti
				:	S	-	-	-	-	-	-	for obligation
		Total Estimated Project Cost			-	-	-	-	-	-	-	
				T	F -	-	-	-	-			
				NEPA	S	-	-	-	-	-	-	_
					<u> </u>						-	
				T	- C -	-	-	-	-		-	
				Pre-Engineering	·	-	-	-	-	-	-	_
	AC-990152				Г :	_			_		-	
	1000000453	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP-	slandwide	Design T	·c -	-	-	-	-	-	-	
3		Elegible Activities) (2018)	sianawiae	Design	-	-	-	-	-	-	-	<del>-</del>
	ZP-40, ZP-50				- -	-	-	-	-	-	-	
				ROW T	C -	-	-	-	-	-	-	
				:	<u> </u>	-	-	-	-	-	-	-
					- F -	-	2,888,000	-	-	-	2,888,000	
				Construction		-	722,000	-	-	-		Please See Appendix B for Pro
				:	-	-	190,000 <b>3,800,000</b>	-	-	-	190,000 <b>3,800,000</b>	List
		Total Estimated Project Cost			-	-		-	-	-		

AC-Cod	de / Oracle # / Fed # /	Description	Town	Phase	Fed. Past Obligations / Locally Funded		TIP Fisc	al Year		Future Investment	Total Est. Cost	Remarks
ium.	Program Code	Description	Town	Phase	red. Past Obligations / Locally Funded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
<u></u>	_			-	F	-	-	-	-	-	-	-
				NEPA	5 -	-		-	-			
					Т						-	-
				ī	F -   C -	-	-	-	-	-	-	
				Pre-Engineering	· -	-	-	-	-	-	-	<u>-</u>
	AC-990154				<u> </u>	_	_	_	_		-	
	1000000454	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP-	Islandwide	Design	C -	-	-	-	-	-	-	
64		Elegible Activities) (2019)	isianuwiue	Design	-	-	-	-	-	-	-	<del>-</del>
	ZP-40, ZP-50				F -	-	-	-	-	-	-	
				ROW T	·C -	-	-	-	-	-	-	
					5 <u>-</u>	-	-	-	-	-	-	-
					F -	-	-	2,888,000	-	-	2,888,000	
				Construction	C -	-	-	722,000 190,000	-	-	722,000 190,000	Please See Appendix B for Project List
				-	г		-	3,800,000	-		3,800,000	
		Total Estimated Project Cost			-	-	<u>-</u>	3,800,000	-	-	3,800,000	
				I	- C -	-		-				
				NEPA	S	-	-	-	-	-	-	_
					<u> </u>						-	
				Pre-Engineering T	C -	-	-	-	-			
				Pre-Engineering	S	-	-	-	-	-	-	<u>-</u>
	AC-990157				F -	-	-	-	-	-	-	
	1000000457	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP-	Islandwide	Design	·C -	-	-	-	-	-	-	
65	ZP-40, ZP-50	Elegible Activities) (2020)			5 <u>-</u>	-	-	-	-	-	-	-
	2. 10, 2. 50				F -	-	-	-	-	-	-	
				ROW T	C	-	-	-	-		-	
					r						-	<u>-</u>
				-	F -	-	-	-	2,888,000 722,000	-	2,888,000	Please See Appendix B for Proje
				Construction	- 5 -	-	-		190,000		190,000	List
					·				3,800,000		3,800,000	-
		Total Estimated Project Cost				-	_		3,800,000		3,800,000	

AC-Code / Oracle # / Fed #	/ Description	Town	Phase	Ford Point Ohlisastiana (Locally Fundad		TIP Fiscal Y	'ear		Future Investment	Total Est. Cost	Remarks
Program Code	Description	Iown	Phase	Fed. Past Obligations / Locally Funded	2017	2018	2019	2020	Future investment	Total Est. Cost	Kemarks
			NEPA .	F - TC - S - T	381,464 93,881 2,805 <b>478,149</b>	-	- - -	-	:	381,464 93,881 2,805 <b>478,149</b>	Originally Programmed in the amount of \$375K. Obligated in I 2017 in the amount of \$478,149
			Pre-Engineering	F			- - -		-	-	
AC-800480 L009999480 66 ZP-10, ZP-20	Technical Studies NEPA San Lorenzo Bypass from PR-181 Int. PR-183 to PR- 181 Int. PR-9912 (AC-918101)	Islandwide	Design	TC -			- - -		-		
2F-10, 2F-20			ROW	TC -			- - -		-		
			Construction	F - TC - S		-	- - -		-	-	
	Total Estimated Project Cost			-	478,149	-	-	-		478,149	
Islandwide Total				44,914,673	92,398,074	106,170,699	77,850,753	107,478,198	-	428,812,397	
			NEPA	F - TC - S	500,000	500,000	500,000	500,000	500,000	2,500,000 -	
				Т	500,000	500,000	500,000	500,000	500,000	2,500,000	
			Pre-Engineering	F - TC - S	500,000	500,000	500,000	500,000	500,000	2,500,000	
AC-TBD				Т	500,000	500,000	500,000	500,000	500,000	2,500,000	
67	Toll Credits to be used for Change Orders and Extra Work Orders - Availability of funds provided by the	Islandwide	Design	F - TC - S -	500,000	500,000	500,000	500,000	500,000	2,500,000 -	
	Deobligation of Projects			т	500,000	500,000	500,000	500,000	500,000	2,500,000	
			ROW	F - TC - S -	500,000	500,000	- 500,000 -	- 500,000	- 500,000 -	2,500,000	
				Т	500,000	500,000	500,000	500,000	500,000	2,500,000	
			Construction	F - TC - S -	6,000,000	6,000,000	- 6,000,000 -	6,000,000	6,000,000 -	30,000,000	
					6,000,000	6,000,000	6,000,000	6,000,000	6,000,000	30,000,000	

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017-2020\*\*

## ISLANDWIDE EMERGENCY RELIEF PROJECTS - STORM OTTO

Legend: F - Federal Funds TC - Toll Credits Funds

S	-	State /Local	Fu
-		Takal Franks	

	AC-Code / Oracle				Fed. Past Obligations /		TIP Fisc	al Year				
Núm.	# / Fed # /	Description	Town	Phase	Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
	Program Code				Locally Fallaca	2017	2010	2013	2020			
ISLAND	WIDE EMERGENCY	RELIEF PROJECTS - STORM OTTO							•			
					F -	-	=	-	-	-	-	
				NEPA	TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	
					T						-	
					-	-	-	-	-	-	-	
				Pre-Engineering	-	-	-	-	-	-	-	
					3	<u>-</u>	-	<u> </u>	-	-	-	
	AC-065606			-			_			_	-	
	R00065606				TC -		_					
1	ER-656(2)	Reconstruction of PR-656 km. 2.3	Arecibo	Design	s -	_	_	_	_	_	_	
	ER-80				T						-	
				-	F 381,391	-	-	-	-	-	381,391	
				ROW	тс	-	-	-	-	-	· -	
				KOW	S 93,863	-	-	-	-	-	93,863	
					T 475,254						475,254	
					F 2,608,056	•	915,805	-	-	-	3,523,861	
				Construction	TC			-	-	-	-	Change in Fiscal Year from FY
				CONSTRUCTION	S 620,995		990,822	-	-	-	1,611,817	2017 to FY 2018
					T 3,229,051		1,751,775	-			4,980,826	
		Total Estimated Project Cost			3,704,305	•	1,751,775	-	-	•	5,456,080	

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

## ISLANDWIDE EMERGENCY RELIEF PROJECT - HEAVY RAINS OF MARCH 2012

- Legend: F Federal Funds TC Toll Credits Funds

-	State /Local Fun
-	Total Funds

	AC-Code / Oracle				Fed. Past Obligations /		TIP Fisc	al Year				
Núm.	# / Fed # / Program Code	Description	Town	Phase	Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
SLANDV		ELIEF PROJECT - HEAVY RAINS OF N	1ARCH 2012									
					F -	-	-	-	-	-	-	_
				NEPA	TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	· <u> </u>
			-		F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
				0 0	S	-	-	-	-	-		<del>-</del>
	AC-100081		-		F 516,730	-	-	-	-	-	516,730	
	R000010181	Reconstruction of PR-10, kms.		Design	TC -	-	-	-	-	-	-	
1	ER-10(72) ER-90	59.4, 60.4, 60.9, 61.1	Utuado	2 00.8	S 164,080 T 680,810	-	-	-	-	-	164,080 <b>680,810</b>	
	EK-90		-		F -	160,000	_		-	-	160,000	
				ROW	TC -	-	-	-	-	-	-	
				NOW.	S -	40,000	-	-	-	-	40,000	
			-		F	200,000	8,518,984				<b>200,000</b> 8,518,984	
					·	-	8,518,964	-	-			The \$3,189,871.20 available in the E
				Construction	TC - S -	-	2 420 740	-	-			90 fund will be used. Additional fund of \$7,458,859 is programmed in the
					5	-	2,129,746	-	-		2,129,746	STIP for FY 2018.
		Total Estimated Project Cost			680,810	200,000	10,648,730 10,648,730	_	_	_	10,648,730 11,529,540	
		Total Estimated Project cost			F -	-	-	-	-	-	11,323,340	
				NEPA	TC -	-	-	-	-	-	-	
					S -	-	-	-	-	-	-	<del>-</del>
			-		F 163,666	-	-	-	-	-	163,666	
				Pre-Engineering	TC 40,917	-	-	-	-	-	40,917	
				ric Engineering	S T 204,583	-	-	-	-	-	204,583	<del>-</del>
			-		F -	-	-		_	_	204,583	
	AC-111131	Reconstruction of PR-111,	Utuado	Design	TC -	-	-	-	-	-	-	
2	R000111131	Kms. 4.0, 4.2	Otadao	Design	S -	-	-	-	-	-	-	<del>_</del>
	ER-111(29) ER-90		-		<b>T</b> 646	_	-		_	_	646	
				ROW	TC 162	-	-	-	-	-	162	
				110 44	S	-	-	-	-	-	-	<u>.                                    </u>
			-		T 808		1,834,507	_	-	_	<b>808</b> 1,834,507	
				Construction	TC -		2,55 7,567	-	-	-	-	
				Construction	S		451,483	-	-	-	451,483	
		Total Estimated Project Cost			T 205,391		2,285,990 2,285,990	-	-	-	2,285,990 2,491,381	
		rotar Estimated Project Cost			203,331		2,203,330				2,431,301	

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

## ISLANDWIDE EMERGENCY RELIEF PROJECT - HEAVY RAINS OF MARCH 2012

- Legend:
  F Federal Funds
  TC Toll Credits Funds
  S State /Local Funds
  T Total Funds

	AC-Code / Oracle				Fed. Past Obligations /		TIP Fisc	al Year				
Núm.	# / Fed # / Program Code	Description	Town	Phase	Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
					F -	-	-	-	-	-	-	
				NEPA	TC -	-	-	-	-	-	-	
					т —						-	•
			•		F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
					T -	-	-	-	-	-	-	•
	AC-111133		•		F -	-	-	-	-	-	-	
_	R000111133	Reconstruction PR-111 kms.	Utuado	Design	TC -	-	-	-	-	-	-	
3	ER-90	10.8, 5.7, 12.5		0	S	-	-	-	-	-	-	•
					F -		20,000	-	-	-	20,000	
				ROW	TC -			-	-	-	-	
				NOW	S		5,000	-	-	-	5,000	
					Т		25,000				25,000	
					F -	-	579,405	-	-	-	579,405	
				Construction	TC -	-	142,595	-	-	-	- 142,595	
					т ———	-	722,000	-	-	-	722,000	•
		Total Estimated Project Cost			•	-		-	-	-	747,000	

## TRANSPORTATION IMPROVEMENT PROGRAM

## FISCAL YEARS 2017-2020\*\*

GOVERNMENT OF PUERTO RICO

PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## **EARMARK SECTION 1934**

- 1	AC-Code / Oracle				Fed. Past		TIP Fiscal Ye	ear				
m.	# / Fed # / Program Code	Description	Town	Phase	Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
MAR	K SECTION 1934				Locally Fullacu							
					F -	-	- 1	-	_	-	_	
					TC -	_	-	-	_	-	_	
				NEPA	S -	_	_	_	_	-	_	
					Т							
		PREVIOUSLY - Widening of PR-111,			F -	-	-	-	-	-	-	
		from PR-444 to PR-423		Pre-Engineering	TC -	-	-	-	-	-	-	
				Pre-Engineering	S	-	-	-	-	-	-	
					Т						-	
	AC-111123				F -	-	-	-	-	-	-	
	S000111123		Moca		TC -	-	-	-	-	-	-	Design wil be completed in-house
	EARMARK		Wioca	Design	S -	-	-	-	-	-	-	besign wil be completed in flous
	9999(133)				Т						-	
					F -	-	-	-	-	-	-	
		PROJECT MODIFICATION -		RUW	TC -	-	-	-	-	-	-	
		Reconstruction and Repayement of			S -	-	-		-	-		
		approximately 20 kilometers on the			T							
		PR-111			F -	-	4,570,676	-	-	-	4,570,676	
				( onstruction	TC -	-	1,142,669	-	-	-	1,142,669	Please note Project Modification
					S	-	300,702 <b>6,014,048</b>	-	-	-	300,702 <b>6,014,048</b>	
		Total Estimated Project Cost					6,014,048		_		6,014,048	
		Total Estimated Project Cost			F -		0,014,048	-				
								_			_	
					TC -	_	-	-	-	_	-	
				NEPA	TC -	-	-	-	-	-	-	
				NEPA	TC - S -	-	-	- - -	- - -	-	<u>-</u>	
		PREVIOUSLY - Construction of Four		NEPA		-	-	- - -	- - -	-	- -	
		lanes Connector PR-9922, From PR-		NEPA	S T F -	- - -		- - - -	- - -	-	- -	
				NEPA  Pre-Engineering	S		-	- - - -	- - - - -	-	- -	
		lanes Connector PR-9922, From PR-		Pre-Engineering	S T F TC	-	-	- - - - -	- - - -		- -	
	AC-992201	lanes Connector PR-9922, From PR-		Pre-Engineering	S - T - T - T - T - S	-	-	-	- - - - -		- -	
	AC-992201 Y009922001	lanes Connector PR-9922, From PR-	Lar Biodras	Pre-Engineering	S - T - TC - S - T	- - - - -	- - - - - - -	-	- - - - - -		- -	Docigo wil he completed is how
	Y009922001 EARMARK	lanes Connector PR-9922, From PR-	Las Piedras	Pre-Engineering	S - T - TC - S - T - T - T - T - T - T - T - T - T	- - - - - -	- - - - - - -	-	- - - - - - -	-	- -	Design wil be completed in-hous
	Y009922001	lanes Connector PR-9922, From PR- 9939 to PR-183	Las Piedras	Pre-Engineering	S - T - TC	- - - - - -	- - - - - - -	-	- - - - - - -	- - - - - - -	- -	Design wil be completed in-hous
	Y009922001 EARMARK	lanes Connector PR-9922, From PR-9939 to PR-183  PROJECT MODIFICATION -	Las Piedras	Pre-Engineering  Design	S - T - TC - S - TC - S - T T F - TC - S - T T - T T - T T T T T T T T T T T		- - - - - - - - -	-	- - - - - - - -	-	- -	Design wil be completed in-house
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of	Las Piedras	Pre-Engineering  Design	S - T - TC - S - T - TC - TC - TC - TC -	-		-	- - - - - - - - -	-	- -	Design wil be completed in-house
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of approximately 6.5 kilometers on the	Las Piedras	Pre-Engineering  Design	S - T - TC - S - TC - S - T T F - TC - S - T T - T T - T T T T T T T T T T T	-	-	-	- - - - - - - - -	-	- -	Design wil be completed in-house
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of approximately 6.5 kilometers on the PR-917 and 4.1 kimlometers on the	Las Piedras	Pre-Engineering  Design  ROW	S - T F - TC - S T - TC - TC - TC - TC - TC - TC - TT - TC -	-	- - - - - - - - - -	-	- - - - - - - -	-	- - - - - - - - - - - - - - - - - - -	Design wil be completed in-hous
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of approximately 6.5 kilometers on the	Las Piedras	Pre-Engineering  Design  ROW	S - T - TC - TC	-		-	- - - - - - - - -	-	- - - - - - - - - - - - - - - - - - -	Design wil be completed in-house
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of approximately 6.5 kilometers on the PR-917 and 4.1 kimlometers on the	Las Piedras	Pre-Engineering  Design  ROW	S - T - TC - S - T - TC - S - T - TC - TC	- - - - - - - - - -	371,368	-	- - - - - - - - - - -	-	- - - - - - - - - - - - 1,485,470 371,368	
	Y009922001 EARMARK	PROJECT MODIFICATION - Reconstruction and Repavement of approximately 6.5 kilometers on the PR-917 and 4.1 kimlometers on the	Las Piedras	Pre-Engineering  Design  ROW	S - T - TC - TC	- - - - - - - - - - -		-	- - - - - - - - - - -	- - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -	Design wil be completed in-house Please note Project Modification

## GOVERNMENT OF PUERTO RICO PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY TRANSPORTATION IMPROVEMENT PROGRAM

FISCAL YEARS 2017-2020\*\*

## **EARMARK SECTION 1934**

AC-Code / Ora				Fed. Past		TIP Fisca	al Year				
n. # / Fed # / Program Cod	Description e	Town	Phase	Obligations / Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
			NEPA	F - TC - S - T		- - -	- - -	- - -	-	- - - -	
	PREVIOUSLY - Construction of Bypass and Widening PR-835		Pre-Engineering	F - TC - S - T		- - -	- - -	- - -		- - -	
AC-083503 Y000835003 EARMARK		Guaynabo		F - TC - S -		- - -	- - -	- - -	- - -	- - - -	Design wil be completed in-house
835(1)	PROJECT MODIFICATION - Reconstruction and Improvements of		ROW	T TC - S	-	- - -	- - -	-	-	- - - -	
	5.9 kilometers on the PR-835 and 2.3 kilometers of PR-8834		Construction	F - TC - S - T	- - -	4,570,676 1,142,669 300,702 <b>6,014,048</b>	- - -	- - -		4,570,676 1,142,669 300,702 <b>6,014,048</b>	Please note Project Modification
	Total Estimated Project Cost				-	6,014,048	-		-	6,014,048	
	PREVIOUSLY - Improvements on the PR-30 bewtween PR-203 in Gurabo to		NEPA	F - TC - S - T	- - -	-	- - -	- - -	-	- - - -	
	the PR-31 in Juncos.		Pre-Engineering	F - TC - S - T		-	- - -	- - -		- - -	
AC-093001	PROJECT MODIFICATION -			F -	-	-	-	-	-	-	
R000930001 QNH30(18) Q920	Reconstruction of the PR-9030 ramp in direction to the PR-30, Pavement	Gurabo		TC - S - T	-	-	-	-		- -	Design wil be completed in-house
QNH30(18)	Reconstruciton of the PR-9030 ramp in direction to the PR-30, Pavement improvements from int. PR-189 with PR-181, PR-189 with PR-9030 and PR-189 with PR-933. New Traffic signal	Gurabo	Design		-	- - - - -	- - - - -	- - - -	-		Design wil be completed in-house
QNH30(18)	Reconstruciton of the PR-9030 ramp in direction to the PR-30, Pavement improvements from int. PR-189 with PR-181, PR-189 with PR-9030 and PR-	Gurabo	ROW	S - T	-	1,919,268 479,817 126,268 2,525,352	- - - - - - -	- - - - -		1,919,268 479,817 126,268 2,525,352	Design wil be completed in-house  Please note Project Modification

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM

## FISCAL YEARS 2017-2020\*\*

## **EARMARK SECTION 1934**

Ľ٤	ena:	
-	Federal Fu	nd
	Tall Cradity	

TC - Toll Credits Funds S - State /Local Funds

Г-	Total	Funds	

	AC-Code / Oracle				Fed. Past	TIP I	iscal Year					
Núm.	# / Fed # / Program Code	Description	Town	Phase	Obligations / Locally Funded	2017 2018	2017 2018 2019 20		Future Investment	Total Est. Cost	Remarks	
					F -	-	-	-	-	-		
				NEPA T	C -				-	-		
				,	r	-			_	-	-	
		PREVIOUSLY - Extension of PR-823		-	F -	-		-	-	-		
		beteween PR-177 and PR-2		Pre-Engineering T	C -	-	-	-	-	-		
					,	-	-	-	-	-	-	
	AC-TBD				F -	-		-	-	-		
			Bayamon	Design T	·C -	-	-	-	-	-	Design wil be completed in-house	
5	EARMARK		za yao	200.g		-		-	-	-	-	
					I _	_		_	_	-		
		PROJECT MODIFICATION - Geometric		ROW T	·c -	-		-	-	-		
		Improvements at int. PR-177 with the Juan Martinez Avenue		KOW !	S	-		-	-	-	<u>-</u>	
					<u> </u>	- 609,77	0			609,779		
					·c -	- 152,44		_	-	152,445		
					S	- 40,11	7 -	-	-	40,117	Please note Project Modification	
					Γ	802,34				802,341		
		Total Estimated Project Cost			<u>-</u> 	- 802,34	1 -	-	-	802,341		
				-	r -	-		_	-	-		
					S -	-		-	-	-		
		PREVIOUSLY - Recreational Trail								-		
				F TO Pre-Engineering S		-	-	-	-	-		
					S -	-		_	-	-		
					г					-	-	
	10.010166			  -		-	-	-	-	-		
6	AC-010166 L000000166		Toa Baja	Design	C -	-		_		-	Design wil be completed in-house	
	EARMARK				г					-	-	
	LY-9999(134)	PROJECT MODIFICATION -				-	-	-	-	-		
		Construction of a new Recreational Trail for Bicycles and Pedestrians from		ROW	C -	-				-		
		Rio Bayamon to PR-165		1	r					-	-	
		•		-	000,000	-	- 1,017,742	-	-	1,817,742		
				Construction	C 200,000	-	- 254,435	-	-	454,435	Please note Project Modification / Additional Funds Requested for fiscal year 2019	
				:	T 1,000,000	-	- 66,957 <b>1,339,134</b>	-	-	66,957 <b>2,339,134</b>	rulius nequesteu ioi iistai yeai 2019	
		Total Estimated Project Cost			1,000,000	_	1,339,134	-	-	2,339,134		

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM

## FISCAL YEARS 2017-2020\*\*

## **EARMARK SECTION 1934**

.ege	nd	:

Legend:
F - Federal Funds
TC - Toll Credits Funds
S - State /Local Funds
T - Total Funds

	AC-Code / Oracle				Fed. Past		TIP Fisc	al Year				
Núm.	# / Fed # / Program Code	Description	Town	Phase	Obligations / Locally Funded	2017 2018		2019	2020	Future Investment	Total Est. Cost	Remarks
				I T	F - C -	-	-	-		-	-	-
		PREVIOUSLY - Construction of the		NEPA S	S	-	-	-	-	-	-	-
		missing part of PR-10			F -	-	-	-	-	-	-	
		PROJECT MODIFICATION - Reconstruction and repavement of approximately 12 kilometers on PR- 123		Pre-Engineering  Design	- C	-	-	-	-	-	-	
	AC-TBD				r	-	_	-	-	_	-	
7	EARMARK					-	-	-	-	-	-	Design wil be completed in-house
,	LANWARK				r					_	-	-
				ROW T	F - C -	-	-	-	-		-	
				KOW	S	-	-	-	-	-	-	-
					F -	-	2,641,998	-	-	-	2,641,998	
				Construction	C - S -	-	660,499 173,816	-	-	-	660,499 173,816	
		Total Estimated Project Cost			r	_	3,476,313	_			3,476,313 3,476,313	

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017-2020\*\*

## FEDERAL LANDS AGREEMENT

Legend:
F - Federal Funds
TC - Toll Credits Funds
S - State /Local Funds
T - Total Funds

	AC-Code / Oracle				Fed. Past Obligations /		TIP Fisc	al Year				
	# / Fed # /	Description	Town	Phase	Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
	Program Code				Locally Fullded	2017	2018	2019	2020			
FEDERAL LANDS AGREEMENT												
					F -	-	-	-	-	-	-	
				NEPA	TC -	-	-	-	-	-	-	
					S	-	-	-	-	-		
					T						-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
					T -	-	-	-	-	-	<del></del>	
	AC-Pend				F -		_		-	_	-	
	ERFO	ERFO to repair four sites with			TC -	_	_	_	_	_	_	
1		the El Yunque	Rio Grande	Design	S -	-	-	-	-	-	_	
		·			Т						-	
					F -	-	-	=	-	-	-	
				ROW	TC -	-	-	-	-	-	-	
				11011	S -	-	-	-	-	-	-	
					T						<u> </u>	
				Construction	F -	-	-	3,800,000	-	-	3,800,000	
					TC -	-	-	950,000	-	-	950,000	
					S T	-	-	250,000 <b>5,000,000</b>	-	-	250,000 <b>5,000,000</b>	
		Total Estimated Project Cost			•	_	_	5,000,000	-	-	5,000,000	
		Total Estimated Project cost			F -			3,000,000	_		- 3,000,000	
				NEPA	TC -	_	_	_	_	_	_	
					S -	-	-	-	-	-	_	
					Т						-	
					F -	-	380,000	-	-	-	380,000	
				Pre-Engineering	TC -	-	95,000	-	-	-	95,000	
				The Engineering	S	-	25,000	-	-	-	25,000	
		.,, ., ., .,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Т		500,000				500,000	
	AC-Pend	Vieques National Wildlife			F -	-	-	-	-	-	-	
2		Refuge - Rehabilitate Route	Vieques	Design	TC -	-	-	-	-	-	-	
2		100, Caracas (Red) beach parking area.			S -	-	-	-	-	-	<del>-</del>	
		parking area.			T -		_	_	_		-	
					TC -	-			_		-	
				ROW	S -	-	_	-	-	_	-	
					T						-	
					F -	-	-	-	-		-	
				Construction	TC -	-	-	-	-	-	-	
				CONSTRUCTION	S	-	-	-	-	-	-	
_					Т						-	
		Total Estimated Project Cost					500,000	-	-	-	500,000	

## PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

## TRANSPORTATION IMPROVEMENT PROGRAM

### FISCAL YEARS 2017-2020\*\*

## FEDERAL LANDS AGREEMENT

Legend:
F - Federal Funds
TC - Toll Credits Funds
S - State /Local Funds
T - Total Funds

	AC-Code / Oracle			Phase	Fed. Past Obligations /		TIP Fisc	al Year				
Núm.	# / Fed # / Program Code	Description	Town		Locally Funded	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
					F -	-	-	-	-	-	-	
				NEPA	S	-	-	-	-	-	-	
					T						-	
					F -	-	25,126	-	-	-	25,126	
				Pre-Engineering  Design	TC -	-	6,281	-	-	-	6,281	
			Vieques		<u> </u>	-	1,653	-	-	-	1,653	
		Vieques National Wildlife Refuge - Repair Green Beach Parking Area (Route 902)			<u>T</u>		33,060				33,060	
	AC-Pend					-	-	-	-	-	-	
2					C -	-	-	-	-	-	-	
3					T -	-	-		-	-		
				-	F -	_	_		_	_	-	
					TC -	_	_	_	_	_	_	
				ROW	S -	-	_	_	_	_	_	
					Т						-	
				Construction	F -	-	-	-	-	-	-	
					TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	
					T						-	
		Total Estimated Project Cost			-		33,060			-	33,060	

Appendix																					
								TI	P 2017-202	20 - Brid	ge Lump S	um Pro	jects*								
Pridge	Drainet	s - RFP for Design						2017					2018				2019			2020	
briuge	Project	.s - KFP IOI Design				ZP-10	)		ZP-20		ZP-1	)		ZP-20		ZP-10	ZP-2	20	ZP-1	)	ZP-20
Line Number	Bridge ID <sup>2</sup>	Road	Km	Municipality	Intersected	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Preservation	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Preservation	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement
1		PR 603	0.07	UTUADO	GRANDE DE ARECIBO RIVER								\$ 239,100								
2	1130	PR 145	1.00	CIALES	GRANDE DE MANATI RIVER								\$ 584,500								
3	1016	PR 18	3.30	SAN JUAN	PR 23 (ROOSEVELT AV.)												\$ 1,500,000				
5		PR 3		CEIBA	CEIBA CREEK						\$ 26,000										
7	950	PR 149	59.30	VILLALBA	JAGUEYES CREEK								\$ 37,900								
9		PR 913			HONDA CREEK							\$ 12,600									
10	2012	PR 18	4.70	SAN JUAN	CHARDON STREET												\$ 1,500,000				
11	158	PR 123	59.30	UTUADO	DEPRESSION						\$ 15,000										
12		PR 128			PRIETO RIVER							\$ 51,400									
14	1683	OFF PR 603 @1.0		UTUADO	GUAONICA RIVER						\$ 15,000										
20	176	PR 14	57.25	AIBONITO	HONDA CREEK						\$ 23,800										
21	1492	OFF PR 110	0.30	MOCA	CREEK						\$ 12,600										
22	1531	PR 141	10.00	JAYUYA	CREEK							\$ 10,000									
23		PR 971	17.30	NAGUABO	SANTIAGO RIVER						\$ 25,000										
24	1381	PR 103	3.60	CABO ROJO	CHANNEL						\$ 13,100										
31	2681	PR 555	9.30	COAMO	COAMO RIVER						\$ 53,000										

Bridge	Project	s - ROW						2017					2018				2019			2020	
Diluge	riojeci	.3 - IVOVV				ZP-10	)		ZP-20		ZP-10	)		ZP-20		ZP-10	ZP-2	.0	ZP-10	)	ZP-20
Line Numbe	Bridge r ID <sup>2</sup>	Road	Km	Municipality	Intersected	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Preservation	Critical	Bridge Rehabilitation and Replacement	Critical	Bridge Rehabilitation and Replacement	Bridge Preservation	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement
16	547	PR 824	2.80	TOA ALTA	CRUZ CREEK					\$ 15,750											
53	780	PR 143	36.00	OROCOVIS	MATRULLAS RIVER					\$ 13,962											
65	2161	PR 114	2.20	MAYAGÜEZ	WATERWAY	\$ -		\$ 116,875													
68	2314	OFF PR 902	0.10	SAN LORENZO	CAYAGUAS RIVER		\$ 25,902														

# TIP 2017-2020 - Bridge Lump Sum Projects\*

									. 2027 202		0 1 1										
Bridge	Proiect	s - Construction						2017					2018				2019			2020	
8-	,				<del>,</del>	ZP-10	)		ZP-20		ZP-10	0		ZP-20	1	ZP-10	ZP-2	20	ZP-10	)	ZP-20
Line Number	Bridge ID <sup>2</sup>	Road	Km	Municipality	Intersected	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Preservation	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Preservation	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement	Bridge Critical Findings	Bridge Rehabilitation and Replacement
6	194		8.80	NAGUABO	BLANCO RIVER																
	1638	VICTOR ROJAS		ARECIBO	GRANDE RIVER												\$ 1,500,000				
16	547	PR 824	2.80	TOA ALTA	CRUZ CREEK					\$ 523,820											
17	1058	PR 9912	0.10	SAN LORENZO	GRANDE DE LOIZA RIVER						\$ 1,698,000										
29	3000	PR 5	18.75	NARANJITO	LA PLATA RIVER			\$ 13,225,001													
53	780	PR 143	36.00	OROCOVIS	MATRULLAS RIVER					\$ -					\$ 98,000						
56	2032	PR 2	197.80	YAUCO	PR 128				\$ 1,301,258												
65	2161	PR 114	2.20	MAYAGÜEZ	WATERWAY	\$ -															
68	2314	OFF PR 902	0.10	SAN LORENZO	CAYAGUAS RIVER		\$ -							\$ 195,000							
19	1131	PR 29 EASTBOUND	1.40	BAYAMON	HONDO RIVER								\$ 200,000		\$ 2,685,000						
32	1343	LOCAL ROAD	0.20	SAN LORENZO	EMAJAGUA RIVER							\$ 196,000									
34	944	PR 2 EASTBOUND		GUAYANILLA	WATERWAY										\$ 248,000						
42	2039	PR 52 SOUTHBOUND		SALINAS	PR 714 & LA PALMA CREEK								\$ 2,529,000								
48		PR 9916		SAN LORENZO	UNKNOWN CREEK							\$ 290,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								
58		PR 52 NORTHBOUND		SALINAS	PR 714 & LA PALMA CREEK	1						+,	\$ 3,844,000								
62		PR 29 WESTBOUND		BAYAMON	HONDO RIVER	1							7 3,511,555		\$ 2,677,000						
66		PR 100	0.80		GUANAJIBO RIVER									\$ 2,899,000	\$ 2,077,000						<b></b>
8		PR 200R	0.10		COFRESI CREEK									Ç 2,033,000			\$ 1,484,000				1
18	1657	PR 861		TOA ALTA	LA PLATA RIVER											\$ 2,500,000	ÿ 1,404,000				<del> </del>
27		OFF PR 200		VIEQUES	CREEK											3 2,300,000	\$ 1,323,000				<del> </del>
30		PR 3		NAGUABO	SANTIAGO RIVER												\$ 3,500,000				<del> </del>
35		PR 102		SAN GERMAN	GUANAJIBO RIVER												3,300,000	\$ 2,800,000			<del> </del>
1	505	PR 603		UTUADO	GRANDE DE ARECIBO RIVER													\$ 2,800,000			\$ 2,391,000
2		PR 145		CIALES	GRANDE DE MANATI RIVER	-															\$ 5,845,000
5	116	PR 3		CEIBA	CEIBA CREEK	-													\$ 260,000		\$ 5,845,000
7				VILLALBA		-													\$ 200,000		ć 270.000
	_	PR 149			JAGUEYES CREEK	-														\$ 126,000	\$ 379,000
9		PR 913 PR 123	59.30	SAN LORENZO UTUADO	HONDA CREEK DEPRESSION	-													\$ 150,000	\$ 120,000	<del> </del>
11	_					-													\$ 150,000	Ć 544.000	-
12		PR 128		MARICAO	PRIETO RIVER	-		<b>-</b>											ć 225.000	\$ 514,000	
13		PR 951	4.90		ZEQUEIRA CHANNEL	+										<del>                                     </del>		-	\$ 335,000		
14		OFF PR 603 @1.0		UTUADO	GUAONICA RIVER	+										<del>                                     </del>		-	\$ 150,000		
15		PR 106		MAYAGÜEZ	GANDEL CREEK	1										-			\$ 1,705,000		
20		PR 14		AIBONITO	HONDA CREEK	<b>+</b>		<b>.</b>										<b> </b>	\$ 238,000		
21		OFF PR 110		MOCA	CREEK	ļ													\$ 126,000		
22		PR 141		JAYUYA	CREEK	ļ														\$ 50,000	
23		PR 971		NAGUABO	SANTIAGO RIVER	ļ													\$ 250,000		
24		PR 103		CABO ROJO	CHANNEL	1													\$ 131,000		
25	2479	PR 174		BAYAMON	SONADORA CREEK															\$ 2,622,000	
26	881	PR 497			SONADORA CREEK															\$ 282,000	
31	2681	PR 555	9.30	COAMO	COAMO RIVER														\$ 530,000		
3	1016	PR 18		SAN JUAN	PR 23 (ROOSEVELT AV.)																
10	2012	PR 18	4.70	SAN JUAN	CHARDON STREET																

# Appendix A

		F	Preliminary				
Line Number	Bridge ID <sup>2</sup>	Con	struction Cost Estimate <sup>3</sup>	Road	Km	Municipality	Intersected
1	2369	\$		PR 52	102.20	PONCE	DIRT ROAD
2	284	\$	,,	PR 139		PONCE	DEPRESSION
3	285	\$		PR 139		PONCE	DEPRESSION
4	1733	\$		PR 111	+	SAN SEBASTIÁN	EL SALTO CREEK
5	1825	\$		PR 187		LOIZA	GRANDE DE LOIZA RIVER
6	2348	\$		PR 52		PONCE	PR 12
7	308	\$		PR 149		JUANA DIAZ	GUANABANA CREEK
8	1123	\$	· · · · · · · · · · · · · · · · · · ·	PR 359	0.30	YAUCO	PR 2
9	1086	\$		PR 163 EASTBOUND	1.30	PONCE	PORTUGUES RIVER
10	702	\$		PR 681	2.00	ARECIBO	TIBURONES CHANNEL
11	1142	\$		PR 418	0.50	AGUADILLA	CULEBRINAS RIVER
12	1325	\$		PR 757	4.00	PATILLAS	DEL APEADERO RIVER
13	1316	\$	39,000	LOCAL ROAD	0.10	SAN LORENZO	EMAJAGUA RIVER
14	1251	\$		PR 52 SOUTHBOUND		SAN JUAN	PR 177
15	2697	\$		OFF PR 852	0.60	TRUJILLO ALTO	UNKNOWN CREEK
16	1355	\$		OFF PR 123 AT 46.2	0.10	ADJUNTAS	GRANDE DE ARECIBO RIVER
17	1730	\$	•	LOCAL ROAD	0.30	COAMO	DESCALABRADO RIVER
18	494	\$	540,000	PR 524	4.00	ADJUNTAS	PELLEJAS RIVER
19	1082	\$	64,000	PR 935	3.80	JUNCOS	LOS CHINOS CREEK
20	2458	\$	6,277,000	PR 26	9.00	CAROLINA	LOS ANGELES AVENUE
21	399	\$	225,000	PR 176	6.50	SAN JUAN	LAS CURÍAS CREEK
22	1085	\$	942,000	PR 163 WESTBOUND	1.30	PONCE	PORTUGUES RIVER
23	1199	\$	563,000	PR 623	1.80	ARECIBO	TANANA RIVER
24	1250	\$	2,848,000	PR 52 NORTHBOUND	1.00	SAN JUAN	PR 177
25	879	\$	239,000	PR 111	1.55	UTUADO	UTUADO CREEK
26	382	\$	46,000	PR 7731	0.85	CAYEY	LA PLATA RIVER
27	1373	\$	1,100,000	PR 132	25.00	PONCE	CA¥AS RIVER
28	1361	\$	424,000	PR 535	5.90	JUANA DIAZ	DESCALABRADO RIVER
29	2516	\$	1,026,000	PR 204	0.99	LAS PIEDRAS	PR 30
30	2578	\$	92,000	OFF PR 182@14.2	0.01	YABUCOA	GUAYANES RIVER
31	143-T	\$	2,173,000		0.20	PONCE	TIDAL WATERS CHANNEL
32	358-T	\$	- ,	PR 162	5.50	BARRANQUITAS	USABON RIVER
33	511-T	\$		PR 647	_	VEGA ALTA	CIBUCO RIVER
34	2507-T	\$		OFF PR 636	+	ARECIBO	TANAMA RIVER
35	178-T	\$	,	PR 14	_	CAYEY	TOITA CREEK
36	1124-T	\$		PR 890		BAYAMON	HONDO RIVER
37	1621-T	\$		PR 187	+	RIO GRANDE	LA VEGA CREEK
38	121-T	\$		PR 3	+	NAGUABO	PALMAS CREEK
39	548-T	\$	230,000	RURAL LOCAL ROAD	2.40	GUAYANILLA	YAUCO RIVER
40	878-T	\$	· · ·	PR 111	3.20	UTUADO	VIVI RIVER
41	612-T	\$	712,000	PR 536	6.50	SANTA ISABEL	DESCALABRADO RIVER

\$ 53,289,000

# Notes:

- 1) These projects are based on the priorities and inspection reports available on July 2016. The final list of project and their order of execution and biding may varies.
- 2) Bridge Numbers followed with letter "T" have a temporary bridge installed (Example: "999-T").
- 3) Preliminary estimate based on deck area and typical construction unit cost for the expected scope.

# 2016-2017

PROJECT DESCRIPTION	Municipality / Federal Area			COST		
PROJECT DESCRIPTION	Municipality / Federal Area	TOTAL	MP-30	MP-40	MP-50	Toll Credits
		AC- 990134 Upgrade of Safe	ty Devices in the Highway Syster	m		
Upgrade of Safety Devices in the Highway System PR-66 km 0 to km 20	Carolina - Canonovanas	\$ 7,173,465.00	\$ 5,756,705.66			\$ 1,416,759.34
SUBTOTAL		\$7,173,465.00				
		AC-990135 Safety II	nprovements Islandwide			
Safety Corridor PR-52 Km 49 to km 52.3	Salinas	\$ 3,424,227.00	\$ 2,747,942.17			\$ 676,284.83
Safety Corridor PR-52 km 55.3 to km 61	Salinas	\$ 3,676,500.00	\$ 2,950,391.25			\$ 726,108.75
Safety Corridor PR-20 Km 0 to km 10	Guaynabo	\$ 16,976,051.00	\$ 13,623,280.93			\$ 3,352,770.07
Safety Improvements PR-152 from km 0 to km 11.5	Barranquitas / Naranjito	\$ 1,980,001.00	\$ 1,588,950.80			\$ 391,050.20
Safety Improvements PR-152 from km 13 to km 20.5	Barranquitas / Naranjito	\$ 1,375,001.00	\$ 1,103,438.30			\$ 271,562.70
SUBTOTAL		\$ 27,431,780.00				

# 2017-2018

PROJECT DESCRIPTION	Municipality / Federal Area						COST		
PROJECT DESCRIPTION	Wunicipality / Federal Area		TOTAL		MP-30		MP-40	MP-50	Toll Credits
		AC-	990144 Upgrade of Safety	y De	vices in the Highway Syster	m			
Safety Improvements PR-10 KM 0 @ KM 29	Ponce - Adjuntas	\$	14,356,261.00	\$	11,520,899.45				\$ 2,835,361.55
SUBTOTAL		\$	14,356,261.00						
			AC-990145 Safety Im	pro	vements Islandwide				
Safety Corridor PR-173 km 0 @ km 9	Aibonito - Cidra		\$2,025,939.95		\$1,625,816.81				\$ 400,123.14
Safety Improvements PR-12 km 0 @ km 7	Ponce		\$4,433,270.05		\$3,557,699.22				\$ 875,570.83
SUBTOTAL			\$6,459,210.00						
			AC-800493	3 SH	ISP Funds				
RFP SHSP Update and Implementation	All		\$2,500,000.00		\$2,006,250.00				\$ 493,750.00
SUBTOTAL			\$2,500,000.00						
TOTALS		\$	23,315,471.00						
Safety Corridor PR-152 Km 11 @ Km 13.5	Barranquitas - Naranjito	\$	3,800,000.00			\$	1,524,750.00	\$ 1,524,750.00	\$ 750,500.00
SUBTOTAL			\$3,800,000.00						

# 2018-2019

PROJECT DESCRIPTION	Municipality / Federal Area			COST			
PROJECT DESCRIPTION	Wullicipality / Federal Area	TOTAL	MP-30	MP-40	0	MP-50	Toll Credits
		AC-990155 Upgrade of Safety	<b>Devices in the Highway Syste</b>	em			
Safety Corridor PR-167 km 0 @ km 9	Comerío	\$4,170,000.00	\$3,346,425.00				\$ 823,575.00
Safety Corridor PR-52 Km 38 @ Km 49	Cayey - Salinas	\$9,284,000.00	\$7,450,410.00				\$ 1,833,590.00
SUBTOTAL		\$13,454,000.00					
		AC-800514 Safety Im	provements Islandwide				
Safety Corridor PR-149 Km 0 @ Km 12.8	Manatí - Ciales	\$4,269,684.21	\$3,426,421.58				\$ 843,262.63
Safety Corridor PR-102 Km 7.8 @ Km 17.8	Cabo Rojo	\$3,000,000.00	\$2,407,500.00				\$ 592,500.00
Safety Corridor PR -52 Km 52.3 @ km 55.3	Salinas	\$3,000,000.00	\$2,407,500.00				\$ 592,500.00
Geometric Improvements on De Diego Aveneue (PR-37)	San Juan	\$2,250,000.00	\$1,805,625.00				\$ 444,375.00
SUBTOTAL		\$12,519,684.21					
		AC-800515	SHSP Funds				
Safety Corridor PR-115 km 0 @ km 10	Añasco- Rincon	\$3,000,000.00	\$2,407,500.00				\$ 592,500.00
Safety Corridor PR-115 km 10 @ km 20	Rincon-Aguada	\$3,000,000.00	\$2,407,500.00				\$ 592,500.00
SUBTOTAL		\$6,000,000.00					
TOTALS		\$31,973,684.21					
Safety Corridor PR-385 Km 0 @ Km 5	Peñuelas	\$ 3,800,000.00		\$	1,524,750.00	\$ 1,524,750.00	\$ 750,500.00
SUBTOTAL		\$3,800,000.00					

# 2019-2020

PROJECT DESCRIPTION	Municipality / Fodoval Avec				COST			
PROJECT DESCRIPTION	Municipality / Federal Area	TOTAL	MP-30		MP-40	MP-50	Т	oll Credits
		AC-800519 Upgrade of Safet	y Devices in the Highway Sys	tem				
Safety Corridor PR-137 KM 0 @ 9	Vega Baja - Morovis	\$5,000,000.00	\$4,012,500.00				\$	987,500.00
SUBTOTAL		\$5,000,000.00						
		AC-800521 Safety In	nprovements Islandwide					
Safety Corridor PR-203 Km 0 @ Km 7.1	Gurabo - San Lorenzo	\$6,196,000.00	\$4,972,290.00				\$	1,223,710.00
Safety Corridor PR-189 KM 0 @ 11	Gurabo	\$4,000,000.00	\$3,210,000.00				\$	790,000.00
Safety Corridor PR-176 Km 0 @ Km 4	San Juan	\$1,100,000.00	\$882,750.00				\$	217,250.00
Safety Corridor PR-101 Km 0 @ Km 10	San German - Lajas	\$4,046,000.00	\$3,246,915.00				\$	799,085.00
Safety Corridor PR-183 Km 0 @ Km 10	Caguas - San Lorenzo	\$5,406,372.00	\$4,338,613.53				\$	1,067,758.47
Safety Corridor PR-116 Km 3 @ Km 14	Lajas	\$4,200,000.00	\$3,370,500.00				\$	829,500.00
SUBTOTAL		\$24,948,372.00						
		AC-80052	0 SHSP Funds					
Geometric and Safety Improvements Intersection PR-29	Bayamon	\$1,000,000.00	\$802,500.00					
Safety Corridor PR-420 km. 0 @ km 9	Moca	\$2,801,628.00	\$2,248,306.47					
SUBTOTAL		\$3,801,628.00						
		\$33,750,000.00						
Safety Corridor PR-101 Km 10 @ Km 20	Lajas - Cabo Rojo	\$3,800,000.00		\$	1,524,750.00	\$ 1,524,750.00	\$	750,500.00
SUBTOTAL		\$3,800,000.00						

# Appendix C

								Paveme	nt Projects*						
								2010	6-17	201	7-18	201	8-19	2019	9-20
Road	Pavement Type	From	То	Lanes	Length	Estimate Cost	Municipality	Preserv Cost	Rehab Cost						
1	Asphalt	0.0	4.0	1.75	4.00	\$ 2,720,688	San Juan								
2	Asphalt	1.0	6.0	2.9	5.0	\$ 4,607,100	Guaynabo							\$ 4,607,100	
2	Asphalt	88.0	100.0		12.0	\$ 15,702,000	Hat-Camuy-Queb				\$ 15,702,000				
2	Asphalt	125.5	125.9	2	0.4	\$ 384,000	Aguadilla							\$ 384,000	
2	Asphalt	145.0	152.0	2	7.00	\$ 4,627,196	Mayaguez								\$ 4,627,196
2	Asphalt	180.0	182.0	2	2.0	\$ 1,343,600	Sabana Grande							\$ 1,343,600	
2	Concrete	187.0	195.0	2	8.01	\$ 10,049,100	Guanica								
3	Concrete	42.5	47.6	2	5.12	\$ 8,690,808	Luquillo								\$ 8,690,808
8	Asphalt/Concrete	0.0	4.6	2	4.60	\$ 4,149,292	Rio Piedras				\$ 4,149,292				
30	Concrete	25.8	28.5	2	2.73	\$ 4,296,877	Humacao								\$ 4,296,877
30	Asphalt	8.5	14.7	4	6.20	\$ 4,429,999	Gurabo				\$ 7,126,109				
52	Concrete	66.6	77.0	2	10.45	\$ 28,846,355	Santa Isabel		\$ 32,172,982						
52	Concrete	95.0	99.0	2	4.0	\$ 4,377,853	Ponce				\$ 4,377,853				
52	Asphalt	99.0	106.0	2	7.00	\$ 9,520,000	Ponce				\$ 9,520,000				
53	Concrete	0.0	7.2	2	7.24	\$ 5,582,073	Fajardo				\$ 5,582,073				
53	Asphalt	69.0	71.0	1	2.00	\$ 599,600	Patillas								\$ 1,399,600
53	Concrete	81.0	94.0	2	13.00	\$ 22,544,470	Guayama**				\$ 3,753,759		\$ 14,820,069		\$ 3,970,642
60	Concrete	0.0	4.0	2	4.00	\$ 5,047,500	Humacao								\$ 1,506,840
102	Concrete	31.0	33.0	1	2.00	\$ 1,341,000	San Germán								\$ 1,341,000
123	Asphalt	75.0	77.0	1	2.00	\$ 1,520,480	Arecibo								\$ 1,520,480
129	Asphalt	27.0	31.0	1	4.00	\$ 2,194,480	Lares								\$ 2,194,480
167	Asphalt	14.2	15.6	1	1.38	\$ 1,268,520	Toa Alta								\$ 1,829,573
25R	Asphalt	0.0	4.0	1	4.0	\$ 2,395,160	San Juan							\$ 2,395,160	

<sup>\*</sup> All projects are subject to change.

<sup>\*\*</sup> Advance Construction Funds will be utilized. FHWA-57

	Puerto Rico Transportation and Highw ITS Projects* TIP 2017-2020	ay Authority	
	Project Description	Procurement Method	Budget
FY 2016-17	Traffic Management Center Operation (1 year)	Existing Contract Amendment	\$900,000
		FY 2016-17 Total	\$900,000
	PR-26/PR-66 ITS Devices Preventive Maintenance (3 years)	Request for Proposals	\$1,800,000
FY 2017-18	PR-1, PR-2 and PR-20 Expressways ITS Device Deployment Design	Request for Proposals	\$575,000
		FY 2017-18 Total	\$2,375,000
FY 2018-19	PR-1,PR-2 and PR-20 ITS Devices Deployment Construction	To be determined	\$3,400,000
11 2010 15		FY 2018-19 Total	\$3,400,000
	PR-18, PR-26, PR-30 and PR-52 Highway Safety Patrols (2 years)	Request for Proposals	\$3,236,842
FY 2019-20	PR-1, PR-2 and PR-20 ITS Devices Preventive Maintenance (3 years)	Request for Proposals	\$2,500,000
		FY 2019-2020 Total	\$5,736,842

### **GOVERNMENT OF PUERTO RICO**

# PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

# TRANSPORTATION IMPROVEMENT PROGRAM

# FISCAL YEARS 2017-2020\*\*

# ADMINISTRATIVE MODIFICATION

# <u>Legend:</u> F - Federal Funds

- TC Toll Credits Funds
- S State /Local Funds T Total Funds

Project	As Pr	eviously	/ Described
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Núm.	AC-Code / Oracle # /	Description	Town	Phase	TIP Year		Fed. Past		STIP Fiscal	Year		Future	Total Est. Cost	Remarks
ivuiii.	Fed # / Program	Description	TOWIT	Filase	TIP Teal		Obligations /	2017	2018	2019	2020	Investment	Total Est. Cost	Remarks
						F	-	-	-	-	-	-	-	
				NEPA		TC	-	-	-	-	-	-	-	
						S	-	-	-		-	-	-	
		Congestion Managed Lanes				<u> T</u>							-	
		Congestion Managed Lanes - Phase 1 - PR-52 -San Juan (km.				F	=	-	-	-	-	-	-	
		0.30 to km. 9.16) - Two		Pre-Engineering		TC	-	-	-	-	-	-	-	
		additional lanes on the median				5	-	-	-		-	-	-	•
	4.0 520420	of PR-18 and PR-52 from San				<u> </u>							-	
	AC-520130	Juan to Caguas. These lanes	San Juan			Г	-	-	-	-	-	-	-	
9	T000522130	· ·	Trujillo Alto	Design		TC	-	-	-	-	-	-	-	
9	7D 10 7D 20 7D 20	will be managed using dynamic tolling to provide a reliable	Caguas			5 <b>T</b>	-	-	-		-	-	-	
	ZP-10, ZP-20, ZP-30	travel time for users. These											-	
		lanes will be reversible (AM				TC	-	-	_	_	_	_	_	
		northbound and PM		ROW		5		_	_ [	_	_			
		southbound.				<b>T</b>							_	Please see Project
		southbound.				 F	_	28,109,192	_	_	_	-	28,109,192	Modification below
						TC	_	3,930,940	_	_	_	-	3,930,940	
				Construction	2017	S	_	329,400	_	_	_	-	329,400	
						Т		32,369,532					32,369,532	•
		<b>Total Estimated Project Cost</b>					-	32,369,532	-	-	-	-	32,369,532	
he abo	ve-mentioned proje	ect will be divided into thre	e individual p	rojects. They	are:									
	AC-520130		<u>.</u>			F	-	11,230,735	-		_	-	11,230,735	
	TCN0522130	DTL Phase 1 - Unit 1 at PR-52	San Juan Trujillo	1		TC	_	1,247,859	_	_	_	-	1,247,859	Project Phase
1	ZP-52(46)	from km 3.1 to km 5.3	Alto Caguas	Construction	2017	S	-	113,400	-	_	_	-		Obligated in FY 201
	ZP-10, ZP-20, ZP-30		· ·			Т		12,591,995					12,591,995	
	AC-520141					F	-	10,285,442	-	-	-	-	10,285,442	
_	TCN0522141	DTL Phase 1 - Unit 2 at PR-52	San Juan Trujillo		221=	TC	-	1,142,827	-	_	-	-	1,142,827	Project Phase
2	ZP-52(53)	from km 5.3 to km. 6.9	Alto Caguas	Construction	2017	S	-	108,000	-	_	-	-	108,000	Obligated in FY 201
	ZP-10, ZP-20, ZP-30					Т		11,536,269					11,536,269	
	AC-520142					F	4,036,384	6,593,015	-	-	-	-	10,629,399	
2	TCN0522142	DTL Phase 1 - Unit 3 at PR-52	San Juan Trujillo	Construct:	2017	TC	1,009,096	1,540,254	-	-	-	-	2,549,350	Project Phase
3	ZP-52(54)	from km 6.9 to km. 9.16	Alto Caguas	Construction	2017	S	265,552	108,000	-	-	-	-		Obligated in FY 201
	ZP-10, ZP-20, ZP-30					Т	5,311,031	8,241,269					13,552,300	•
		Total Estimated Cost for DTL Pl	hase 1					32,369,532	_		_		37,680,563	

### GOVERNMENT OF PUERTO RICO

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

### PROJECTS POSTPONED

Le	ge	end:	
F		Fede	ra

Mission	AC-Code / Oracle # / Description		Town	Phase	Fed. Past Obligations TIP Fiscal Year			Future Investment		Total Est. Cost	Remarks	
	Fed # / Program Code	Description	TOWIT	Pilase	/ Locally Funded	2017	2018	2019	2020	ruture investment	TOTAL EST. COST	Remarks
PROJECTS	POSTPONED											
					F -	-	-	-	-	-	=	
					TC -	=	-	-	-	-	-	
					S	-	-	-	-	-	-	
			-		T						-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
					т -		-		-	-		
			-		F -	-	_	_	-	-	_	
		Reversible Dynamic Toll Flyover Int. PR-2 and PR-22			TC -	-	_	_	-	-	_	
1		(Kennedy-De Diego Expressway New Peak Period	San Juan		s -	-	-	-	-	-	-	
		Access) Longitude .7kms			Т						-	
			-		F	=	=	-	=	-	-	
					TC	-	-	-	-	-	-	
					S	-	-	-	-	-	=	
			-		Т						<del></del>	
			_	F			-	-	9,998,533	9,998,533		
				Construction	TC			-	-	2,499,633	2,499,633	Project has been Postponed
					S -			<u> </u>	-	657,798 <b>13,155,964</b>	657,798 <b>13,155,964</b>	
		Total Estimated Project Cost			_	-	_	-			13,155,964	
		Total Estimated Project Cost			F 191,004		1 -			- 13,133,304	191,004	
				·	TC 47,751	-	_	_	_	_	47,751	
					S 6,325	-	_	_	=	-	6,325	
					T 245,080						245,080	
			-		F -	-	-	-	-	-	-	
					TC -	-	-	-	-	-	-	
				TTC-LIIgilicetiiig	S -	-	-	-	-	-	=	
			-		T							
	AC-047205			-	F -	-	-	-	-	570,000	570,000	
2	Y000472005	Isabela Connector from PR-472 to PR-112	Isabela		TC	-	-	-	-	142,500 37,500	142,500 37,500	Project has been Postponed
2	MP-472(2) ZP-10				T -	-	-	-	-	750,000	750,000	
	ZF-10		-		F	_	_		_	570,000	570,000	
					TC	-		-	]	142,500	142,500	
					S -	-	_	_	_	37,500	37,500	
					т					750,000	750,000	
			-		F			-	-	3,403,560	3,403,560	
				Construction	тс			-	-	850,890	850,890	
				CONSTRUCTION	S -				-	223,918	223,918	
					Т			-		4,478,368	4,478,368	
		Total Estimated Project Cost			245,080	_	_	_	-	5,978,368	6,223,448	

### GOVERNMENT OF PUERTO RICO

### PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY

# TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

### PROJECTS POSTPONED

.eg	end:	
	Federal	Fu

F - Federal Funds TC - Toll Credits Funds

State /	Local	Funds	
Total F	unds		

	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past Obligations		TIP Fisca			Future Investment	Total Est. Cost	Remarks
ím. F	Fed # / Program Code	Description	IOWII	Pilase	/ Locally Funded	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
					F -	-	-	=	-	-	-	
				NEPA	TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	=	
					T						-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC - S 812,101	-	-	-	-	-	812,101	
					T 812,101	-	-	-		-	812,101	
	AC-100055		-		F -	_	_	_		_		
	P000010155	Construction PR-10 from Utuado - Adjuntas from Sta.	Utuado		TC -	-	-	-	_	_	_	
	QPI-10(47)	72+20 to Sta. 89+10.00 Secc. IV Length 1.69	Adjuntas	Design	S -	_	_	-	_	_	-	
	ZP-20	0	.,		Т						-	
	-		•		F	-	-	-	-	2,403,500	2,403,500	
				ROW	TC	-	-	-	-	600,875	600,875	Duniost has been Donton
				KUW	S -	-	-	-	-	158,125	158,125	Project has been Postpor
			_		Т					3,162,500	3,162,500	
					F			-	-	24,320,000	24,320,000	
				Construction	TC			-	-	6,080,000	6,080,000	
				2011311 4011011	S -			-	-	1,600,000	1,600,000	
_					Т			-		32,000,000	32,000,000	
		Total Estimated Project Cost			812,101 F -	-	-	- 	-	35,162,500	35,974,601	
					TC -	-	-	-	-	-	-	
				NEPA								
				NEPA	c		-	-	=	-	-	
				NEPA	S	-	-	-	-	-	- -	
				NEPA	S -	-	-	-	- -	-	- -	
				NEPA	S - T	-	-	-	- - -	-		
				NEPA	S - T T T - TC -	-	-	-	- - - - -	-	-	
				NEPA	S T TC - S 4,760,663	- - - -	- - - -	-	- - - - -		4,760,663	
	AC-100069			NEPA	S - T T T - TC -	-	-	-		-	-	
	AC-100069 R000010169	PR-10 RELOCATION FROM STA. 37+80.00 HASTA STA.	Utuado	Pre-Engineering	S T TC - S 4,760,663	-	-	-	-	-	4,760,663	
		PR-10 RELOCATION FROM STA. 37+80.00 HASTA STA. 57+00.00, SEC. II LENGTH 0.41	Utuado Adjuntas	Pre-Engineering	S - T F - TC - S 4,760,663 T 4,760,663 F	-	-	-	- - - - - -	-	4,760,663	
	R000010169			Pre-Engineering	S - T - TC - S 4,760,663 T 4,760,663 F - TC - S - T T - T - T - T - T - T - T - T -	-	-	-	- - - - - - -		4,760,663 4,760,663 - -	
	R000010169 LP-10(63)			Pre-Engineering  Design	S - T F - TC - S 4,760,663 T 4,760,663 F - TC - S - T T F 2,247,828	-	-	-	- - - - -	-	4,760,663 4,760,663 	
	R000010169 LP-10(63)			Pre-Engineering  Design	S - T - TC - S 4,760,663 T 4,760,663 F - TC - S - T T - T - T - T - T - T - T - T -	-	-	-	- - - - - - - -		4,760,663 4,760,663 - -	
	R000010169 LP-10(63)			Pre-Engineering  Design	S - T - F - TC - S - TC - S - T - TC - TC - TC -	-	-	-	- - - - - - - -	-	4,760,663 4,760,663 	
	R000010169 LP-10(63)			Pre-Engineering  Design	S - T F - TC - S 4,760,663 T 4,760,663 F - TC - S - T T F 2,247,828	-	-	-	- - - - - - -	-	4,760,663 4,760,663 - - - 2,247,828 553,204 - 2,801,031	
	R000010169 LP-10(63)			Pre-Engineering  Design  ROW	S - T - T - T - T - T - T - T - T - T -	-	-	-	-	18,639,570	4,760,663 4,760,663 - - 2,247,828 553,204 - 2,801,031 18,639,570	
	R000010169 LP-10(63)			Pre-Engineering  Design  ROW	S - T - F - TC - S - TC - S - T - TC - TC - TC -	-		-	- - - - - - - - - -	4,659,893	4,760,663 4,760,663 	Project has been Postpoi
	R000010169 LP-10(63)			Pre-Engineering  Design  ROW	S - T - T - T - T - T - T - T - T - T -	-		-	- - - - - - - - - -		4,760,663 4,760,663 - - 2,247,828 553,204 - 2,801,031 18,639,570	Project has been Postpor

# **Fund Reconciliation**Re-obligation of Deobligated Projects

The following projects have been deobligated due to inactivity. They will be reobligated under the fiscal year stated with the funding that is available per funding code. This activity will not affect the fiscally constraint STIP. The availabliltiy of funds comes from the deobligated and liquidated projects.

Funding Code	Funding Available	Fur	nding Programmed
MP1E	\$ 29,055.63	\$	29,055.63
MP2E	\$ 882,117.49	\$	882,117.49
MP3E	\$ 2,855,211.63	\$	2,855,211.63
ZP10	\$ 21,577,064.26	\$	21,577,064.26

	Funding Code	F	unding Available	Funding Programmed
ı	ZP20	\$	35,835,820.34	\$ 35,835,820.34
	ZP30	\$	23,413,169.21	\$ 23,413,169.21
ı	Total	\$	84,592,438.56	\$ 84,592,438.56

Code	AC#	Description	Municipality	Project Phase	Num	F	ederal Share	Toll Credits	Tot	al Federal Funds	State	7	Total Amount
MP-1E	014076	Bridge 1828, PR-140	Barceloneta	С	10	\$	23,244.50 \$	5,811.13	\$	29,055.63 \$	-	\$	29,055.63
MP-2E	200200	Design & NEPA Int. PR-2 and PR-114	Mayaguez	D - N	1	\$	29,549.20 \$	7,387.30	\$	36,936.50 \$	-	\$	36,936.50
	001870	DTL Phase 3	San Juan - Caguas - Trujillo Alto	С	7	\$	384,524.80 \$	96,131.20	\$	480,656.00 \$	-	\$	480,656.00
	800494	Traffic Signal Systems - PR-2	Moca - Hormigueros	С	19	\$	291,619.99 \$	72,905.00	\$	364,524.99 \$	-	\$	364,524.99
MP-3E	301127	Geometric and Safety Improvements, PR-3	Carolina	С	2	\$	1,761,651.55 \$	440,412.89	\$	2,202,064.44 \$	-	\$	2,202,064.44
	001870	DTL Phase 3	San Juan - Caguas - Trujillo Alto	С	7	\$	522,517.75 \$	130,629.44	\$	653,147.19 \$	-	\$	653,147.19
ZP-10	012327	Bridge 1355, PR-132	Adjuntas	D	8	\$	72,000.00 \$	18,000.00	\$	90,000.00 \$	-	\$	90,000.00
	013934	Bridge 284 PR-136 km 22.8	Ponce	С	9	\$	89,233.60 \$	22,308.40	\$	111,542.00 \$	-	\$	111,542.00
	014076	Bridge 1828, PR-140	Barceloneta	С	10	\$	13,262.70 \$	3,315.67	\$	16,578.37 \$	-	\$	16,578.37
	014514	Bridge 1130, PR-145	Ciales	С	11	\$	180,916.00 \$	45,229.00	\$	226,145.00 \$	-	\$	226,145.00
	800319	Bridge 172 Over Descalabrado River, PR-150	Coamo	С	12	\$	279,537.60 \$	69,884.40	\$	349,422.00 \$	-	\$	349,422.00
	801271	Bridge 172 Over Descalabrado River, PR-150	Coamo	С	16	\$	964,895.20 \$	241,223.80	\$	1,206,119.00 \$	-	\$	1,206,119.00
	017417	Bridge 2479, PR-174 km 14.0	Bayamon	D	13	\$	240,000.00 \$	60,000.00	\$	300,000.00 \$	-	\$	300,000.00
	062305	Bridge 1199, PR623 km 1.8	Arecibo	D	14	\$	90,729.60 \$	22,682.40	\$	113,412.00 \$	-	\$	113,412.00
	992904	Bridge 1851, PR-9929	San Lorenzo	С	15	\$	134,714.40 \$	33,678.60	\$	168,393.00 \$	-	\$	168,393.00
	800478	Bridges 631 - Cofresi & 1133 - Unknown	Vieques	D	17	\$	267,243.20 \$	66,810.80	\$	334,054.00 \$	-	\$	334,054.00
	520131	DTL Phase 2	San Juan - Caguas - Trujillo Alto	С	6	\$	10,015,944.02 \$	2,503,986.00	\$	12,519,930.02 \$	-	\$	12,519,930.02
	001870	DTL Phase 3	San Juan - Caguas - Trujillo Alto	С	7	\$	4,913,175.10 \$	1,228,293.77	\$	6,141,468.87 \$	-	\$	6,141,468.87
ZP-20	200200	Design & NEPA Int. PR-2 and PR-114	Mayaguez	D - N	1	\$	873,369.54 \$	218,342.39	\$	1,091,711.93 \$	709,894.5	7 \$	1,801,606.50
	520120	Bridges 2271, 2335, 2370, 2372 on PR-52	Ponce	С	5	\$	9,078,320.00 \$	2,269,580.00	\$	11,347,900.00 \$	226,958.0	) \$	11,574,858.00
	800494	Traffic Signal Systems - PR-2	Moca - Hormigueros	С	19	\$	1,458,220.01 \$	364,555.00	\$	1,822,775.01 \$	-	\$	1,822,775.01
	000218	Feasibilty Study Aguadilla Airport	Aguadilla	PE	21	\$	521,680.00 \$	130,420.00	\$	652,100.00 \$	-	\$	652,100.00
	200277	TIGER Project - Caparra Interchange	Guaynabo	С	20	\$	3,600,000.00 \$	900,000.00	\$	4,500,000.00 \$	-	\$	4,500,000.00
	220124	RFP NorthWest Corridor Hatillo-Aguadilla	Hatillo-Aguadilla	PE	18	\$	800,000.00 \$	200,000.00	\$	1,000,000.00 \$	-	\$	1,000,000.00
	520131	DTL Phase 2	San Juan - Caguas - Trujillo Alto	С	6	\$	4,004,000.00 \$	1,001,000.00	\$	5,005,000.00 \$	-	\$	5,005,000.00
	001870	DTL Phase 3	San Juan - Caguas - Trujillo Alto	С	7	\$	8,333,066.72 \$	2,083,266.68	\$	10,416,333.40 \$	-	\$	10,416,333.40
ZP-30	301127	Geometric and Safety Improvements, PR-3	Carolina	С	2	\$	797,826.85 \$	199,456.71	\$	997,283.56 \$	-	\$	997,283.56
	301141	Safety Improvements PR-3	Carolina - Rio Grande	С	3	\$	5,144,832.00 \$	1,286,208.00	\$	6,431,040.00 \$	-	\$	6,431,040.00
	520131	DTL Phase 2	San Juan - Caguas - Trujillo Alto	С	6	\$	5,600,000.00 \$	1,400,000.00	\$	7,000,000.00 \$	-	\$	7,000,000.00
	001870	DTL Phase 3	San Juan - Caguas - Trujillo Alto	С	7	\$	5,757,684.52 \$	1,439,421.13	\$	7,197,105.65 \$	-	\$	7,197,105.65
	003510	SJ Traffic Signal System & PR-1 Improvements	San Juan	С	4	\$	1,430,192.00 \$	357,548.00	\$	1,787,740.00 \$		\$	1,787,740.00
<b>Grand Total</b>						\$	67,673,950.85 \$	16,918,487.71	\$	84,592,438.56 \$	936,852.5	/ \$	85,529,291.13

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # / Description	Town	Phase	Fed. Past TIP Fiscal Year				Future Investment		Total Est. Cost	Remarks	
Mulli.	Fed # / Program Code	Description	TOWN	Filase	Obligations /	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
					F -	-	-	-			-	
				NEPA	TC -	-	-	-		-   -	-	
				NEIA	S	-	-	-			-	_
					T							
					F -	-	-	-			-	
					TC -	-	-	-		-   -	-	
					S	-	-	-			-	-
					Т						-	
	AC-200200				F -	-	902,919	-		-   -	902,919	
	P000002400	Design and NEPA Int. PR-2	Mayaguez		TC -	-	225,730	-		-   -	225,730	
1	0002073	and PR-114	ayagacz	_	S	-	709,895	-			709,895	-
	MP-2E, ZP-20				Т		1,838,543	-			1,838,543	
					F -	-	-	-		- 1,600,000	1,600,000	
					TC -	-	-	-		- 400,000	400,000	
					S	-	-	-			-	STIP
					T					2,000,000	2,000,000	
				F -	-	-	-		- 16,606,000	16,606,000		
				Construction S	TC -	-	-	-		- 4,151,500	4,151,500	Estimated Time of
						-	-	-		- 1,092,500	1,092,500	Completion 2023
					<u>T</u>			-		21,850,000	21,850,000	
		Total Estimated Project Cost			<u> </u>	-	1,838,543	-	ı	- 23,850,000	25,688,543	
				т	F -	-	-	-		-	-	
						-	-	-		-	-	
					S	-	-	-		-		-
					<u>T</u>						-	
					F -	-	-	-		-	-	
					TC - S -	-	-	-		-	-	
	A.C. 201127				5 <u> </u>	-	-	-		-		•
	AC-301127	Geometric and Safety			<u> </u>						-	
	F000003327	Improvements, Highway PR-3			•	-	-	-		-	-	
2	0003041	Intersection with UPR	Carolina		TC - S -	-	-	-		-	-	
2	MP-3E, ZP-30	Hospital			т <u>-</u>	-	-	-		-		•
		поѕрітаі			F -							
					TC -	_	-	-		-	-	
					S -	_	-	-		-	-	
					т <u>-</u>	-	-	-		-		
					F -		2,559,478			_	2,559,478	
					TC -		639,870	-		-	639,870	
					S -	-	039,870	-		-	039,870	
				S	-	3,199,348	_		-	3,199,348		
	Total Fatimeted Duringt Cost		<u> </u>	-	3,199,348				3,199,348			
		Total Estimated Project Cost					3,133,348			-	3,177,348	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

AC F00 3 0	/ Program Code  AC-301141 000003341 0003047 ZP-30	Description  Safety Improvements PR-3	Town  Carolina Rio Grande	Pre-Engineering T  Pre-Engineering T  Design T					2020	Future Investment	- - - - - - - -	Remarks
F00	000003341 0003047	Safety Improvements PR-3		NEPA 5 Pre-Engineering 7 Pre-Engineering 7 Design 7 ROW 7		-	-	-	- - - - - - -	-	- - - - - - -	
F00	000003341 0003047	Safety Improvements PR-3		Pre-Engineering T  Pre-Engineering T  Design T  Design T	S	-	-	-	- - - - - -	-	- - - - -	
F00	000003341 0003047	Safety Improvements PR-3		Pre-Engineering T  Pre-Engineering T  Design T  ROW T	F - C - C - C - C - C - C - C - C - C -	-		-	- - - - - -	-	- - - - -	
F00	000003341 0003047	Safety Improvements PR-3		Pre-Engineering S		- - - - -	-	-	- - - - -		- - - -	
F00	000003341 0003047	Safety Improvements PR-3		Design T				-	- - - - -	-	-	
F00	000003341 0003047	Safety Improvements PR-3		Design T	F - C - C - C - C - C - C - C - C - C -		-	-	- - -	-	-	
F00	000003341 0003047	Safety Improvements PR-3		Design T Design S T T ROW T	F - C - C - C - C - C - C - C - C - C -	-			- - -		-	
F00	000003341 0003047	Safety Improvements PR-3		Design S		- - - -	-	- - -	- - -	- - -	-	
3 0	0003047	Safety Improvements PR-3		Design S	S	-	-	-	- - -	-	-	
			Grande .	T ROW	F -	-	-			_		
	_ 33			ROW T	·c -	-	-					
								-	-	-	-	
_			-	NOW	_	-	-	-	-	-	-	
					-	-	-	-	-	-	-	
					Г						-	
				į T		-	5,144,832 1,286,208	-	-	-	5,144,832 1,286,208	
				Construction	rc -	-	1,200,200	-	-		1,200,200	
				1			6,431,040	-			6,431,040	
The second se	T	Total Estimated Project Cost			-	-	6,431,040			-	6,431,040	
					F -	-	-	-	-	-	-	
					· C -	-	-	-	-	-	-	
				NEPA S		-	-	-	-	-	-	
			-		- I	_	_	_		_	-	
				·	·c -	_	_	_	-		_	
				Pre-Engineering	s -	-	-	-	-	-	-	
				1	Г						-	
	AC-003510	San Juan Island Traffic Signal	·	•	F -	-	-	-	-	-	-	
	000035010	System and PR-1	San Juan		·C -	-	-	-	-	-	-	
	0035001 ZP-30	Improvements		500,611		-	-	-		-	-	
	ZP-30		-		-	_	_	_		_		
				т.	·c -	-	-	-	-	-	-	
				ROW		-	-	-	-	-	-	
			<u>-</u>		г						-	
					F -	-	1,430,192	-	-	-	1,430,192	
				Construction		-	357,548	-	-	-	357,548	
	Total Estimated Project Cost	3		-	1,787,740	-	-	-	1,787,740			
			1	-	-		-	-	-			

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past		TIP Fiscal			Future Investment	Total Est. Cost	Remarks	
wuiii.	Fed # / Program Code	Description	TOWN	Filase	Obligations /	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks	
					F -	-	-	-	-	-	-		
				NEPA	TC - S -	-	-	-	-	-	-		
					5 <u>-</u>	-	-	-	-	-	<del></del>		
					F -	-	-	-	-	-			
					TC -	-	-	-	-	-	-		
				Pre-Engineering	S -	-	-	-	-	-	-		
	AC-520120	Implementation of			Т						-		
	B000522120	Preventive Maintenance			F -	-	-	-	-	-	-		
-	0052035 / 0052043	Protocol for Bridges 2267,	Ponce	Design	TC -	-	-	-	-	-	-		
5	ZP-20	2271,2335,2370 and 2372 on			S	-	-		-	-	<u>-</u>		
		Highway PR-52			F -	_	_		_	_			
					TC -	-	-	-	_	-	_		
				ROW	S -	-	-	-	-	-	-		
					т						-		
					F -	-	9,600,000	-	-	-	9,600,000		
				Construction	TC -	-	2,400,000	-	-	-	2,400,000		
					S	-	240,000	-	-	-	240,000		
		Total Estimated Project Cost					12,240,000 12,240,000	-		_	12,240,000 12,240,000		
		Total Estimated Project Cost			F -		-			- 1	12,240,000		
		Congestion Managed Lanes	Congestion Managed Lanes		NEDA	TC -	-	-	-	-	-	-	
				NEPA	S	-	-	-	-	-	-		
		Dynamic Toll Operations PR-	amic Toll Operations PR-		Т						-		
		52 km. 9.16 to km 13.96 -			F -	-	-	-	-	-	-		
		Phase 2		Pre-Engineering	TC -	-	-	-	-	-	-		
					S	-	-	-	-	-	<del>-</del>		
	AC-520131				F -	-	-	-	-	-	-		
6	T000522131	Unit 1 - From Station 63+00		Design	TC -	-	-	-	-	-	-		
U	0052044	to Station 33+02			S	-	-	-	-	-			
	ZP-10, ZP-20, ZP-30	10 3141011 33102			Т						-		
					F -	-	-	-	-	-	-		
				ROW	TC - S -	-	-	-	_	-	-		
					T -	-	-	-	-	-	<del></del>		
		Unit 2 - From Station33+02 to				-	19,619,944		_	_	19,619,944		
		Station 15+00			TC -	_	4,904,986	_	_	_	4,904,986		
		5.00.00		Construction	S -	_	-,55.,566	_	_	_			
					т		24,524,930	-			24,524,930		
		Total Estimated Project Cost			•		24,524,930		_	-	24,524,930		

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /		Town	Phase	Fed. Past		TIP Fiscal			Future Investment	Total Est. Cost	Remarks	
	Fed # / Program Code	Bescription	100011	Tilase	Obligations /	2017	2018	2019	2020	Tuture investment	Total Est. Cost	Remarks	
		Congestion Managed Lanes			F -	-	-	-	-	-	-		
		Dynamic Toll Operations PR-		NEPA	TC	-	-	-	-	-	-		
		52 km 4.7 to km. 6.4 - Phase 3			т	-	-		_	-	<u>-</u>		
					F -	-	-	-	-	-	-		
		Unit 1 - From Station 45+00		Pre-Engineering	TC -	-	-	-	-	-	-		
		to Station 52+00		Pre-Engineering	S	-	-	-	-	-	-		
					T						-		
	AC-001870	Hait 2. Franc Station F2:00			F -	-	-	-	-	-	-		
7	T000018070	Unit 2 - From Station 52+00		Design	TC - S -	-	-	-	-	-	-		
,	0052045 MP-3E, ZP-10	to Station 57+00			т -	-	-	-	-	-	<u>-</u>		
	ZP-20, ZP-30				F -	-	-		-	-			
	2. 20,2. 30	Unit 3 - From Station 57+00		2011	TC -	-	-	-	-	-	-		
		to Station 63+00		ROW	S -	-	-	-	-	-	-		
					Т						-		
		Unit A. Franc Station 1221.00			F -	-	19,388,451	-	-	-	19,388,451		
		Unit 4 - From Station 123+80		Construction	TC -	-	4,847,113	-	-	-	4,847,113		
		to Station 151+66			S -	=	24,235,564	=	-	-	24,235,564		
		Total Estimated Project Cost			<u> </u>	_	24,235,564	-	-	_	24,235,564		
		Total Estimated Project Cost			F -	-	- 1,200,001	-	-	-	-		
				NEDΛ	NEDA	TC -	-	-	-	-	-	-	
				NEPA	S	-	-	-	-	-	-		
					T						-		
					F -	-	-	-	-	-	-		
				Pre-Engineering	TC - S -	-	-	-	-	-	-		
					т <u>-</u>	-	-	-	-	-	<u>-</u>		
	AC-012327				F -	-	72,000		-	-	72,000		
	B000123027	Rehabilitation and Scour			TC -	-	18,000	-	-	-	18,000		
8	0123013	Mitigation of Bridge 1355,	Adjuntas	Design	S -	-	,	-	-	-	-		
		Highway PR-132			Т		90,000				90,000		
					F -	-	-	-	-	-	-		
				ROW	TC -	-	-	-	-	-	-		
					S -	-	-	-	-	-	-		
					F -					464,675	464,675		
					TC -			-		116,169	116,169		
			S	S -	-	_	-	_	-	-			
					т			-		580,843	580,843		
											670,843		

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

NEPA   TC	Núm.	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past		TIP Fisc			Future Investment	Total Est. Cost	Remarks
AC 01334 Rehabilitation of Bridge 284 Over Vasceway, Highway PR- Pronce 295 P	Walli.	Fed # / Program Code	e	TOWIT	Filase	Obligations /	2017	2018	2019	2020	ruture investment	Total Est. Cost	Kelliaiks
AC 013934   S00139034   S00139034   Over Waterows, rigitway PR   Ponce   Design   TC						•	-	-	-	-		-	
A.C0.13934 Rehabilitation of Bridge 234 Cover Waterway, Highway PR 139 km 22.8 Ponce Design TC					NFPA		-	-	-	-	-	-	
## AC-013934 Rehabilitation of Bridge 284 Over Wisterway, Highway PR- Ponce Design TC						S	-	-	-	-	-	-	
AC-013834   B000139034   Dre Witterway, Fighway PR-100   Design   TC						<u>T</u>							
AC-013934   Rehabilitation of Bridge 284   Ver Waterway, Highway PR   139 km 22.8   Ponce   Design   TC							-	-	-	-	-	-	
AC-013934   Rehabilitation of Bridge 284   Ponce   Design   F					Pre-Engineering		-	-	-	-	-	-	
AC-013934   Rehabilitation of bridge 284   Over Wiserway, Highway PR-   Ponce   Design   TC						т —	-	-		-	-		
Second		AC-013934				F -	-	-	-	-	_		
9				_		•	-	-	-	-	-	-	
## Price   Figure   F	9			Ponce	Design	S -	-	-	-	-	-	-	
ROW   TC			139 km 22.8			т						-	
AC-014076 BO00140076 B						•	-	-	-	-	-	-	
AC.014076   B000140076   Replacement of Bridge 1928, Highey PR-140   Barceloneta     AC.014076   B000140076   Construction     AC.014076   Replacement of Bridge 1928, Highey PR-140   Barceloneta     AC.014076   B000140076   Construction     AC.014076   Replacement of Bridge 1928, Highey PR-140   Barceloneta     AC.014076   B000140076   Construction     AC.014076   Replacement of Bridge 1928, Highey PR-140   Barceloneta     AC.014076   Construction				ROW		-	-	-	-	-	-		
AC-014076   Replacement of Bridge 1829, MP-1E, ZP-10   Highay PR-140   Barceloneta   Row MP-1E, ZP-10   F   S   S   S   S   S   S   S   S   S					NOW	S	-	-	-	-	-	-	
Construction   TC						<u> </u>		00.204					
NEPA   Free-Rigineering   Free						F -	-	89,234	-	-	-	89,234	
Total Estimated Project Cost  Total Estimated Project Cost  F 111,542 111,542  F							-	22,308	-	-	-		
Total Estimated Project Cost						т	_	111 542					
AC-014076 B000140076 B000140076 MP-1E, ZP-10  AC-014076 Replacement of Bridge 1828, MP-140  Barceloneta  F			Total Estimated Project Cost			·	-			-	-		
AC-014076 B000140076 B000140077 Highay PR-140  Barceloneta  F			,			F -	-	-	-	-	-		
AC-014076 B000140076 B000140076 MP-1E, ZP-10  AC-014076 Replacement of Bridge 1828, Highay PR-140  Barceloneta  Barceloneta  Barceloneta  Barceloneta  F					NFPA		-	-	-	-	-	-	
AC-014076 B000140076 Replacement of Bridge 1828, MP-1E, ZP-10  ROW TC					NEFA	S	-	-	-	-	-	-	
AC-014076 B000140076 B000140076 MP-1E, ZP-10  AC-014076 MP-1E, ZP-10  AC-014076 Replacement of Bridge 1828,						•						-	
AC-014076 B000140076 Replacement of Bridge 1828, MP-1E, ZP-10  ROW  ROW  ROW  ROW  ROW  ROW  ROW  RO						•	-	-	-	-	-	-	
AC-014076 B000140076 Replacement of Bridge 1828, MP-1E, ZP-10  MP-1E, ZP-10  AC-014076 Replacement of Bridge 1828, Highay PR-140  Barceloneta  F					Pre-Engineering		-	-	-	-	-	-	
AC-014076 B000140076 Replacement of Bridge 1828, MP-1E, ZP-10  Replacement of Bridge 1828, MP-1E, ZP-10  Replacement of Bridge 1828, MP-1E, ZP-10  ROW  Replacement of Bridge 1828, Barceloneta  Pesign  TC						5 <u>-</u>	-	-	-	-	-		
B000140076   Replacement of Bridge 1828,   Barceloneta   Design   TC   -   -   -   -   -   -   -   -   -		AC-01/1076				F -	_	_		_	_		
10 0140027 Highay PR-140 Barteloned Berteloned Service S			Replacement of Bridge 1828.			•	-	_	-	_	_	_	
MP-1E, ZP-10  T  ROW  TC  TC  S	10		Highay PR-140	Barceloneta	Design	S -	-	-	-	-	-	-	
F						Т						-	
S						•	-	-	-	-	-	-	
T					ROW		-	-	-	-	-	-	
F 36,507 36,507  TC 9,127 9,127  S					ROW	c	_	-	-	-	-	-	
Construction TC 9,127 9,127 - 9,127 9,127						<u> </u>		+					
S						т							
T 45,634 - 45,634						<b>T</b> F -	-	36,507	-	-	-	36,507	
						T           F         -           TC         -		36,507 9,127	-	-		36,507 9,127	
Total Estimated Project Cost 45.634 45.634						F - TC - S -		9,127 -	- - -		-	36,507 9,127 -	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	Fed. Past Obligations /	2017	TIP Fise 2018	cal Year 2019	2020	Future Investment	Total Est. Cost	Remarks
				F		-	-	-	-	-	-	
				NEPA TO		-	-	-	-	-	-	
				S T	· -	-	-	-	-	-	-	
				F		-	-	-	-	-	-	
				Pre-Engineering TO		-	-	-	-	-	-	
				S T		-	-	-	-	-	-	
	AC-014514			F		-	-	-	-	-	-	
11	B000145014 0145007	Replacement of Bridge 1130, Highway PR-145	Ciales	Design To		-	-	-	-	-	-	
11	0145007 ZP-10			1		-	-	-	-	-	-	
				F		-	-	-	-	-	-	
				ROW S		-	-	-	-	-	-	
				3 1			-	-	-			
				F		-	180,916	-	-	-	180,916	
				Construction To		-	45,229	-	-	-	45,229 -	
				3			226,145	-			226,145	
		Total Estimated Project Cost			-	-	226,145	-	-	-	226,145	
				F		-	-	-	-	-	-	
				NEPA 5		-	-	-	-	-	-	
											-	
				F		-	-	-	-	-	-	
				Pre-Engineering S		-	-	-	-	-	-	
				7	Ţ						-	
	AC-800319 B009999319	Replacement of Bridge Over		F		-	-	-	-	-	-	
12	0150008	Descalabrado River, Highway	Coamo	Design To		-	-	-	-	-	-	
	ZP-10	PR-150		7	Ţ						-	
				F		-	-	-	-	-	-	
				ROW S		-	-	-	-	-	-	
				7	Γ						-	
				F		-	279,537	-	-	-	279,537	
				Construction TC S		-	69,884 -	-	-	-	69,884 -	
				1			349,422	-			349,422	
		Total Estimated Project Cost			-	-	349,422	-	-	-	349,422	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Torres	Phase	Fed. Past		TIP Fisca	al Year		Cuture Investment	Total Est. Cost	Domeste
Num.	Fed # / Program Code	escription	Town	Phase	Obligations /	2017	2018	2019	2020	Future Investment	Total Est. Cost	Remarks
					F -	-	-	-	-	-	-	
				NEPA	TC - S -	-	-	-	-	-	-	
					т — <u>-</u>	-	-	<u> </u>	-	-	<u> </u>	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
				TTC LIIBINCCTIIIB	S	-	-	-	-	-	-	
	AC-017417				T -		240,000				240,000	
	B000174017 0174011	Replacement of Bridge 2479,			TC -	-	60,000	-		-	60,000	
13		Highway PR-174 km 14.0	Bayamon	Design	S -	-	00,000	-	-	-	-	
	ZP-10				т		300,000				300,000	
					F -	-	-	-	-	-	-	
				ROW	TC - S -	-	-	-	-	-	-	
					5 <u>-</u>	-	-	-	-	-	<del>-</del>	
					· F -	-	-	-	-	4,147,650	4,147,650	
				Construction	TC -	-	-	-	-	1,036,913	1,036,913	
				Construction	S -	-	-	-	-	-		
					Т		300,000	-		5,184,563	5,184,563	
		Total Estimated Project Cost			F -	-	300,000	-	<u>-</u>	5,184,563	5,484,563 -	
				NEPA	TC -	-	-	-	_	-	_	
					S	-	-	-	-	-	<u>-</u>	
					Т						-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC	-		-			-	
					т —						-	
	AC-062305				F -	-	90,730	-	-	-	90,730	
	B000623005	Rehabilitation of Bridge 1199,	Arecibo	Design	TC -	-	22,682	-	-	-	22,682	
14	0623001	Highway PR-623 km 1.8		8	<u> </u>	-	- 112 112	-	-	-	- 442 442	
	ZP-10				F -	_	113,412		_	_	113,412	
					TC -	-	-	-	]		-	
				ROW	S -	-	-	-	-	-	-	
					Т						-	
					F -	-	-	-	-	449,906	449,906	
				Construction	TC - S -	-	-	-	-	112,477	112,477	
					T	-	-	<u> </u>	-	562,383	562,383	
		Total Estimated Project Cost				-	113,412		-	562,383	675,795	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past		TIP Fisca	al Year		Future Investment	Total Est. Cost	Domonico
wum.	Fed # / Program Code	Description	Town	Phase	Obligations /	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
					F -	-	-	-	-	-	-	
				NEPA	TC - S -	-	-	-	-	-	-	
					т		-			_		
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	
	AC-992904	Replacement of Bridge 1851,			F -	_	-		-	-	-	
	B009929004		C 1		TC -	-	-	-	-	-	-	
15	9929001 ZP-10	Highway PR-9929	San Lorenzo	Design	S	-	-	-	-	=	-	
					Т						-	
					F -	-	-	-	-	-	-	
				ROW	TC - S -	-	-	-		-	-	
					т —						_	
				Construction	F -	-	134,714	-	-	=	134,714	
					TC -	-	33,679	-	-	-	33,679	
					S	-	168,393	<u>-</u>	-	-	168,393	
		Total Estimated Project Cost			-	-	168,393	-	-	-	168,393	
		•		NEPA	F -	-	-	-	-	-	-	
					TC -	-	-	-	-	-	-	
					S	-	-	-	-	-	-	
				-	F -	_	_	-	_	_	-	
					TC -	-	-	-	-	-	-	
				Pre-Engineering	S	-	-	-	-	=	-	
					T						-	
	AC-801271 B010014271	Replacement of Bridge 172			F - TC -	-	-	-	-	-	-	
16	9999122	over Descalabrado River,	Coamo	Design	S -	-	-	-		-	-	
	ZP-10	Highway PR-14			Т						-	
					F -	-	-	-	-	-	-	
				ROW	TC -	-	-	-	-	-	-	
					S -	-	-	-	-	-	<u> </u>	
					- F	-	964,895	-	_	_	964,895	
				Construction	TC -	-	241,224	-	-	-	241,224	
					S	-	-	-	-	-	-	
					Т		1,206,119	-			1,206,119	
		Total Estimated Project Cost			-		1,206,119	-		-	1,206,119	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past		TIP Fiscal			Future Investment	Total Est. Cost	Remarks
	Fed # / Program Code				Obligations /	2017	2018	2019	2020			
					F -	-	-	-		-	-	
				NEPA	TC - S -	-	-	-		-	-	
					т						-	_
				-	F -	-	-	-			-	
					TC -	-	-	-		-   -	-	
					S -	-	-	-			-	-
	AC-800478 B009999478	Replacement of Bridge 631			F -	_	267,243	_		_	267,243	
	9999207	over Cofresi Crrek PR-200R			TC -	-	66,811	-		-	66,811	
17	ZP-10	km. 0.1 and N0. 1133	Vieques	Design	S -	-	-	-			-	
		Unknown Creek Progreso ST. PR-200			Т		334,054				334,054	
		FN-200			F -	-	-	-			-	
				ROW	TC -   S -	-	-	-	,		-	
					т -	-	-	-				-
				Construction	F -	-	-	-		- 1,419,200	1,419,200	
					TC -	-	-	-		- 354,800	354,800	Construction Cost include
					S	-	-	-			-	in STIP
					Т		224.274	-		1,774,000	1,774,000	
		Total Estimated Project Cost			F -	<u>.</u>	334,054			- 1,774,000	2,108,054	
					TC -	_	_	-		_	-	
				NEPA	S -	-	-	-			-	
					Т						-	
					F -	-	800,000	-			800,000	
				Pre-Engineering	TC - S -	-	200,000	-			200,000	
					T -	-	1,000,000	-			1,000,000	=
	AC-220124	RFP Northwest Corridor		-	F -	-	-,555,555	-			-	
	T000022224	Access Modification,		Design	TC -	-	-	-			-	
18	9999238	Management and Financial		Design	S -	-	-	-			-	=
	ZP-20	Plan			F -						-	
					TC -	- [	-	- [			-	
				ROW	S -	-	-	-			-	
					Т							<del>-</del>
					F -	-	-	-		-	-	
				Construction TC S		-	-	-		-   -	-	
					T -	-	-	-			-	_
		Total Estimated Project Cost			•		1,000,000				1,000,000	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Town	Phase	Fed. Past		TIP Fiscal			Future Investment	t Total Est Cost	Remarks
wuiii.	Fed # / Program Code	e	TOWIT	Filase	Obligations /	2017	2018	2019	2020	ruture investment	Total Est. Cost	Remarks
					F -	-	-	-	-	-	-	
				NEPA	TC - S -	-	-	-	-	-	-	
					т — —	-	-	<u> </u>	-	-		
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
				Fre-Liigilieeiliig	S -	-	-	-	-	-	-	
	4.0.000404	Traffic Signal Systems			<b>T</b>						-	
19	AC-800494 L009999494 9999225	Preventive Maintenance and	Moca		TC -	-		-	-	-	-	
		Emergency Repair Services PR-		Design	S -	-	_	_	_	-	-	
	MP-2E, ZP-20	2	0		Т						-	
					F -	-	-	-	-	-	-	
				ROW	TC -	-	-	-	-	-	-	
					S -	-	-	-	-	-	<u> </u>	
				Construction	F -	_	1,749,840		_	_	1,749,840	
					TC -	-	437,460	-	-	-	437,460	
					S -	-	-	-	-	-	-	
					Т		2,187,300	-			2,187,300	
		Total Estimated Project Cost			F -	-	2,187,300	-	<b>-</b>	-	2,187,300	
				NEPA	TC -	-		-	-	-	-	
					S -	-	-	_	_	-	-	
					Т						-	
					F -	-	-	-	-	-	-	
				Pre-Engineering	TC -	-	-	-	-	-	-	
				5 5	S	-	-	-	-	-	-	
	AC-200277	Tiger Project - Caparra			F -	_	_		_	_	-	
	M000002477	Interchange Improvements -			TC -	-	-	-	-	-	-	
20	TIGER	State Funding to be Paid with	Guaynabo	Design	S	-	-	-	-	-		
		Federal Funds			Т						-	
					F -	-	-	-	-	-	-	
				ROW	TC - S -	-	-	-	-	-	-	
					т —	-	-		-	-		
					F -	-	3,600,000	-	-	=	3,600,000	
				Construction	TC -	-	900,000	-	-	-	900,000	
					S	-	-	-	-	-	-	
					Т		4,500,000	-			4,500,000	
		Total Estimated Project Cost			<u> </u>	•	4,500,000	-	•	•	4,500,000	

### TRANSPORTATION IMPROVEMENT PROGRAM FISCAL YEARS 2017-2020\*\*

# DEOBLIGATED PROJECTS TO BE REOBLIGATED

Núm.	AC-Code / Oracle # /	Description	Town	Phase		Fed. Past		TIP Fisc	al Year		Future Investment	Tatal Fat Coat	Damania
Num.	Fed # / Program Code	Description	Iown	Pilase		Obligations /	2017	2018	2019	2020	Future investment	Total Est. Cost	Remarks
					F	-	-	-	-	-	-	-	
				NEPA	TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
					Т							-	
					F	636,331	-	521,680	-	-	-	1,158,011	Additonal Funding to be
				Pre-Engineering	TC	156,605	-	130,420	-	-	-	287,025	used from the available
				FIE-LIIgilleeliiig	S	203,405	-	-	-	-	-	203,405	balance of the the
		Additional Funds - Feasibility			Т	996,340		652,100				1,648,440	deobligated projects.
	9999(239)	Study - IMPROVEMENTS TO AGUADILLA AIRPORT ACCESS THROUGH PR-100, PR-107			F	-	-	-	-	-	-	-	
			Aguadilla	a Design	TC	-	-	-	-	-	-	-	
21			Aguauma		S _	-	-	-	-	-	-	-	
		AND CONNECTOR TO BURN			Т							-	
		STREET (AC-000228)			F	-	-	-	-	-	800,000	800,000	
				ROW	TC	-	-	-	-	-	200,000	200,000	Programmed in the STIP
				11.011	S _	-	-	-	-	-	-	-	for FY 2019
					Т						1,000,000	1,000,000	
					F	-	-	-	-	-	3,800,000	-	
				Construction	TC	-	-	-	-	-	950,000		Programmed in the STIP
				CONSCI decion	S _	-	-	-	-	-	250,000		under "Future Investment"
					Т				-		5,000,000	5,000,000	
		<b>Total Estimated Project Cost</b>				996,340	-	652,100	-	-	6,000,000	7,648,440	

RESOURCES		2015-2016	2016-2017		2017-2018	-	2018-2019		2019-2020
1 GASOLINE TAX REVENUE	\$	158,000	-	\$	145,000	\$	145,000	\$	146,000
2 DIESEL OIL TAXES		9,000	-		12,000		12,000		12,000
3 MOTOR VEHICLE LICENSE FEES 4 TOLL REVENUES		92,600	60,000		93,000		93,000		93,000
5 PETROLEUM TAX REVENUE		128,400	128,000		137,000		138,000		140,000
6 CIGARETTE TAXES		177,220	140,000		135,000		126,000		126,000
7 INVESTMENT INCOME		20,000 10,000	20,000		20,000		20,000		20,000
8 TOTAL REVENUES FROM TAXES AND INTEREST		595,220	348,000		543,000		534,000		F27'000
		000,220	3 10,000		.5#5,500		224,000		537,000
9 FEDERAL AID - FHWA & EARMARKED PROJECTS		130,000	130,000		135,000		140,000		145,000
10 FEDERAL AID-FTA FOR TREN URBANO MAINTENANCE		15,000	20,000		20,000		20,000		20,000
11 TOTAL FEDERAL FUNDS		145,000	150,000		155,000		160,000		165,000
12 LOCAL APPROPRIATIONS									
13 TOTAL FEDERAL AND LOCAL FUNDS		10,000	450.000		-				-
TO THE PERSON NAME OF THE POPULATION OF THE POPU		155,000	150,000		155,000		160,000		165,000
14 TRANSIT REVENUES		12,000	10,000		10,200		10,404		10,612
15 ELECTRONIC TOLL FINES		10,000	10,000		10,200		10,404		10,612
16 OTHER INCOME		25,800	5,300		5,406		5,514		5,624
17 TOTAL OTHER INCOME		47,800	25,300		25,806		26,322		26,849
18 TOTAL REVENUES	5	798,020	\$ 523,300	5	723,806	\$	720,322	\$	728,849
	loctrol/Michael	TTTTSAVTNADASNAMORAL	Mariefebrooriecemos coneuceus was we	UZEKI A OMAC	### (C. 12 * 14 * 15 * 16 * 16 * 16 * 16 * 16 * 16 * 16	viv.	<b>C</b> alifolian consumer		
PROGRAM EXPENDITURES		and and a state of the state of	2016-2017	martin analysis in	2017-2018	particular de la constitución de	2018-2019	_ 2	016-2017
19 RIGHT OF WAY	\$	10,000		\$	10,000	\$	10,000	\$	10,000
20 DESIGN		10,000	10,000		10,000		10,000		10,000
21 CONSTRUCTION LOCAL		14,200	15,000		15,000		15,000		15,000
23 CONSTRUCTION FEDERAL (FHWA)		130,000	130,000		135,000		140,000		145,000
24 SUB TOTAL		164,200	165,000		170,000		175,000		180,000
25 SALARIES AND FRINGE BENEFITS		47,848	47,475		48,425		49,393		50,381
27 OTHER OPERATIONAL EXPENSES		5,800	3,525		3,596		3,667		3,741
28 OPERATIONAL CONSTRUCTION PROGRAM		53,648	51,000		52,020		53,060		54,122
29 LITIGATION RESERVE		8,800	8,000		8,160		5,863		3,520
30 RIGHT OF WAY PAYMENTS		27,000	21,000		16,960		15,299		13,605
31. TOTAL CONSTRUCTION PROGRAM		253,648	245,000		247,140		249,223		251,247
32 SALARIES AND FRINGE BENEFIT'S		46,902	44,056		44,937		45,836		46,753
33 OTHER OPERATIONAL EXPENSES		16,325	12,566		12,817		13,074		13,335
34 TREN URBANO AND FEEDER BUSES		81,754	78,974		80,553		82,165		83,808
35 AUTOPISTAS		35,525	32,704		33,358		34,025		34,706
36 TOTAL OPERATIONAL COSTS 37 TOTAL CONSTRUCTION AND OPERATIONAL COSTS		180,506	168,300	10 en 200	171,666	Salat acous	175,099		178,601
37 TOTAL CONSTRUCTION AND OPERATIONAL COSTS	_5_	434,154	\$ 413,300	S	418,806	\$	424,322	Ş	429,849
DEBT SERVICE		2015-2016	2015 2012			olysidy.			
38 EXISTING DEBT SERVICE (Principal)	and water	Annia de la companya	2016-2017	-	017-2018	4	018-2019	20	016-2017
39 EXISTING DEBT SERVICE (Principal)	\$	102,926	-		-		и		-
41 TOTAL BOND DEBT SERVICE		244,263	*		195,000		186,000		189,000
		347,189	****		195,000		186,000		189,000
42 INTEREST ON GDB LINES OF CREDIT			110,000		110,000		110,000		110,000
43 TOTAL DEBT SERVICE 44 TOTAL FINANCING EXPENDITURES		347,189	110,000		305,000		296,000	ASSESSED FOR STATE	299,000
44 OTAL FINANCING EXPENDITURES		347,189	110,000	-	305,000		296,000		299,000
45 TOTAL EXPENDITURES		701 747	¢ - F02-200		-13.00	Z7555		Totalogeons Associated	
46 FINANCING	\$	781,343 16,677	J 325,300	2	723,806		720,322	Chann	728,849
47 TOTAL RESOURCES	\$	798,020	5 523,300	•	- 723,806	c.	- 720,322		- 728,849
		4	/ )	Second Second	, 23,000	11 10 1000	140,366	Karaji i	. 40,043
( ) Mi M/hoda		pins	1/200	0	_		A	1-	1.1
Clull/ (ador		esuc	rquiu	ال	1		6/	/إك	16
Recomendado por ¢armen Villar Prados		rado por Cesa		/	7		,		
Director Ejecutivo V	Direct	tor Ejecutivo A	uxiliar de Admini	st <del>(</del> acio	n y Finanzas	-			
				_					

Las cifras presentadas son estimados basadas en la experiencia y en los datos que tenemos

a la mano al preparar este documento.

Esta tabla de inversion es valida para los años aqui presentados siempre que los ingresos legislados que son estimados se materializen.

Si por alguna razon la Autoridad no recibe alguno o la totalidad de los ingresos legislados esta tabla tendria que ser ajustada a esa nueva realidad.