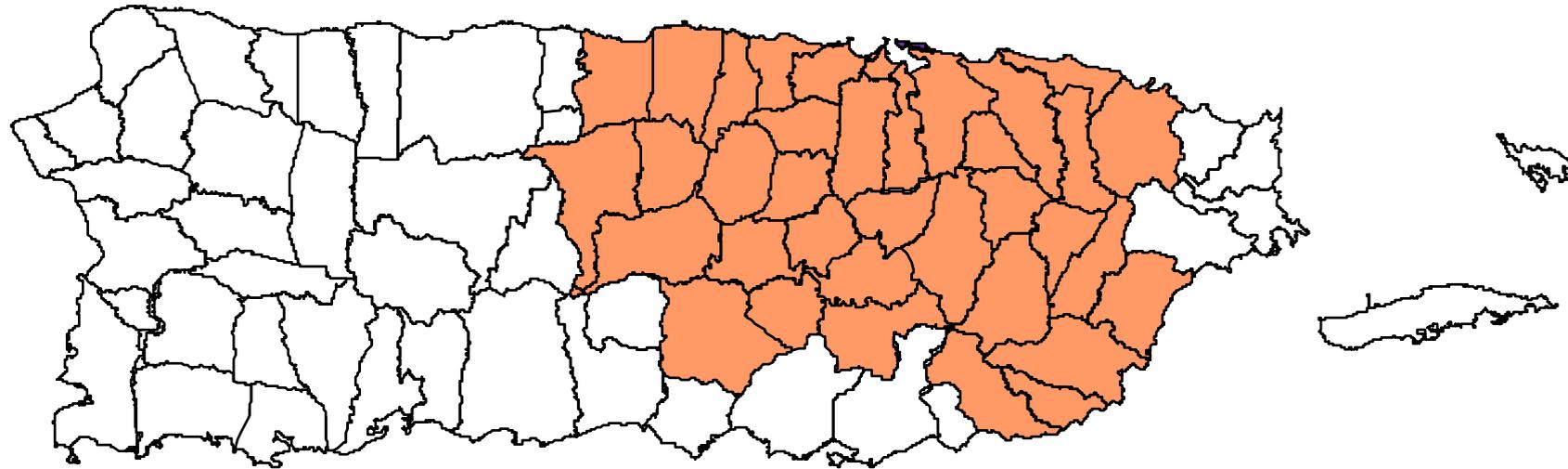


Commonwealth of Puerto Rico



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*

March 24, 2017





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

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

Fiscal Years 2017-2020

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Approved by the Puerto Rico Metropolitan Planning Organization Policy Board Committee



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	Comerio	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

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 **\$139,430,108.12** 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 manufacturers 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 or 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 **\$139,430,108.12**; distributed as follows:

FTA Section	Fiscal Years				TOTAL
	2017	2018	2019	2020	
Section 5307	\$ 70,323,820.00	\$ 20,281,464.88	\$ 18,146,114.70	\$ 18,337,131.85	\$ 127,088,531.42
Section 5310	\$ 2,437,074.70	\$ -	\$ -	\$ -	\$ 2,437,074.70
Section 5329	\$ 771,212.00	\$ -	\$ -	\$ -	\$ 771,212.00
Section 5337	\$ 5,249,287.00	\$ -	\$ -	\$ -	\$ 5,249,287.00
Section 5339	\$ 3,884,003.00	\$ -	\$ -	\$ -	\$ 3,884,003.00
Total	\$ 82,665,396.70	\$ 20,281,464.88	\$ 18,146,114.70	\$ 18,337,131.85	\$ 139,430,108.12

Source of funds for the first year are as follow:

Federal	\$82,665,396.70
State	\$20,551,830.75
Totals	\$103,217,227.45

FTA federal assistance is distributed as follow:

SAN JUAN URBANIZED AREA APPORTIONMENT

SECTION 5307 AND 5340 URBANIZED AREA	
FY 2015 Apportionment	\$19,193,216.00
FY 2016 Apportionment	\$27,925,515.00
FY 2017 Apportionment (Estimated)	\$27,925,515.00
Total Funds Available	\$75,044,246.00
SECTION 5310 ENHANCED MOBILITY OF SENIORS AND INDIVIDUALS WITH	
FY 2015 Apportionment	\$2,494,578.00
FY 2016 Apportionment	\$2,494,579.00
FY 2017 Apportionment (Estimated)	\$2,494,579.00
Total Funds Available	\$7,483,736.00
SECTION 5329 STATE SAFETY OVERSIGHT PROGRAM	
FY 2015 Apportionment	\$299,732.00
FY 2016 Apportionment	\$303,543.00
FY 2017 Apportionment (Estimated)	\$303,543.00
Total Funds Available	\$906,818.00
SECTION 5337 HIGH INTENSITY FIXED GUIDEWAY STATE OD GOOD REPAIR	
FY 2014 Apportionment	\$4,554,187.00
FY 2015 Apportionment	\$6,393,833.00
FY 2016 Apportionment	\$7,239,637.00
FY 2017 Apportionment (Estimated)	\$7,239,637.00
Total Funds Available	\$25,427,294.00
SECTION 5339 BUS AND BUS FACILITIES FORMULA GRANTS	
FY 2014 Apportionment	\$2,805,450.00
FY 2015 Apportionment	\$2,657,203.00
FY 2016 Apportionment	\$2,448,727.00
FY 2017 Apportionment (Estimated)	\$2,448,727.00
Total Funds Available	\$10,360,107.00



Commonwealth 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

COMMONWEALTH OF PUERTO RICO
 PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY
 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017 - 2020

SECTION 5307: SAN JUAN URBANIZED AREA (SJUA)

Num.	Description		Year Appportioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
1	Repair and Maintenance to Kuilan and Guardarrama Public Transportation Terminal, Phase I	Bayamón	2013	F	320,000	-	-	-	320,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2013. Application under FTA Consideration. TrAMS # 2008-2016-1
				S	80,000	-	-	-	80,000			
				T	400,000	-	-	-	400,000			
2	Improvement to Trolley Maintenance Garage, Phase II	Bayamón	2013	F	144,000	-	-	-	144,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$144,000 FY 2013 Application under FTA Consideration. TrAMS # 2008-2016-1
				S	36,000	-	-	-	36,000			
				T	180,000	-	-	-	180,000			
3	Improvement to Trolley Maintenance Garage, Phase II-B	Bayamón	2016	F	1,420,000	-	-	-	1,420,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$1,420,000 FY 2016
				S	355,000	-	-	-	355,000			
				T	1,775,000	-	-	-	1,775,000			
4	Communications, Security and Tracking Devices	Bayamón	2015	F	29,120	-	-	-	29,120	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$29,120 FY 2015 Application under FTA Consideration. TrAMS # 2008-2016-1
				S	7,280	-	-	-	7,280			
				T	36,400	-	-	-	36,400			
5	Maintenance of Transit fleet	Bayamón	2015	F	84,563	28,849	29,137	29,429	171,978	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$28,000 FY 2015 & \$28,000 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 2008-2016-1
				S	21,141	7,212	7,284	7,357	42,995			
				T	105,704	36,061	36,422	36,786	214,973			

COMMONWEALTH OF PUERTO RICO
 PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS
 PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY
 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017 - 2020

SECTION 5307: SAN JUAN URBANIZED AREA (SJUA)

Num.	Description		Year AppORTIONED	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
6	Operational Assistance for ADA Paratransit program	Bayamón	2015	F	193,926	65,939	66,598	67,264	393,728	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$64,000 FY 2015 & \$64,640 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 2008-2016-1
				S	48,482	20,000	16,650	16,816	101,947			
				T	242,408	100,000	83,248	84,080	509,736			
7	Pedestrian Improvements on Dr. Veve Street	Bayamón	2015	F	2,287,832			-	2,287,832	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$1,143,916 FY 2016 Associate Transit Improvements
				S	571,958			-	571,958			
				T	2,859,790			-	2,859,790			
8	Pedestrian and bicycle connection in Santa Cruz Sector (Tren Urbano - PR-5 - Santa Cruz Street)	Bayamón	2015	F	2,114,740	1,057,370			3,172,110	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$1,057,370 FY 2016 Associate Transit Improvements
				S	528,685	264,343			793,028			
				T	2,643,425	1,321,713			3,965,138			
9	Preventive Maintenance for the Public Transportation Services	Caguas	2014	F	89,800	45,450	45,905	46,364	227,518	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$44,800 FY 2016
				S	22,450	11,363	11,476	11,591	56,880			
				T	112,250	56,813	57,381	57,954	284,398			
10	Provision of Paratransit Services	Caguas	2015	F	177,366	89,890	90,789	91,697	449,742	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$88,366 FY 2015
				S	44,342	22,473	22,697	22,924	112,435			
				T	221,708	112,363	113,486	114,621	562,177			

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				2017	2018	2019	2020	Est. Cost				
11	Acquisition of two (2) Trolleys	Canóvanas	2015	F	242,560	-	-	-	242,560	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to comply with FTA requirements.
				S	60,640	-	-	-	60,640			
				T	303,200	-	-	-	303,200			
12	Construction & Rehabilitation of #15 Bus Shelter	Canóvanas	2015	F	30,000	-	-	-	30,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to comply with FTA requirements.
				S	7,500	-	-	-	7,500			
				T	37,500	-	-	-	37,500			
13	Preventive Maintenance for Public Transportation	Canóvanas	2015	F	169,800	50,000	50,500	51,005	321,305	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$80,000 FY 2015 & \$44,800 FY 2016. Subject to comply with FTA requirements.
				S	42,450	12,500	12,625	12,751	80,326			
				T	212,250	62,500	63,125	63,756	401,631			
14	Installation of GPS and radios trolley and paratransit Vehicle	Canóvanas	2015	F	30,000	-	-	-	30,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to comply with FTA requirements.
				S	7,500	-	-	-	7,500			
				T	37,500	-	-	-	37,500			
15	Acquisition of Eight (8) Vehicles Two (2) of (24 Passenger Capacity) Two (2) of (14 Passenger Capacity) and Four (4) Mini Buses (16 Passenger Capacity) for Expansion Services	Canóvanas	2015	F	480,000	-	-	-	480,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to comply with FTA requirements and paratransit plan.
				S	120,000	-	-	-	120,000			
				T	600,000	-	-	-	600,000			

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				2017	2018	2019	2020	Est. Cost				
16	Preventive Maintenance	Carolina	2016	F	435,304	220,922	223,131	225,363	1,104,720	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$216,569 FY 2016 Application under FTA Consideration TrAMS # 2038-2016-1
				S	108,826	55,231	55,783	56,341	276,180			
				T	544,130	276,153	278,914	281,703	1,380,900			
17	Additional Funds for the Rehabilitation of 19 buses	Carolina	2015	F	105,578	-	-	-	105,578	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	26,395	-	-	-	26,395			
				T	131,973	-	-	-	131,973			
18	Preventive Maintenance Cost for Transit System	Cataño	2016	F	80,000	40,400	40,804	41,212	202,416	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$40,000 FY 2016
				S	20,000	10,100	10,201	10,303	50,604			
				T	100,000	50,500	51,005	51,515	253,020			
19	Preventive Maintenance Cost for Transit System	Cayey	2013	F	114,594	28,112	28,393	28,677	199,776	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$31,614 for FY 2013 & \$27,568 for FY 2014. FY 2013 & 2014 in Application under FTA Consideration TrAMS # 5584-2016-1
				S	28,649	7,028	7,098	7,169	49,944			
				T	143,243	35,140	35,491	35,846	249,720			
20	Provision of Paratransit Services in Accordance with ADA Regulations	Cayey	2013	F	419,704	87,870	88,749	89,636	685,959	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$86,368 for 2013, \$86,368 for FY 2014, \$79,984 FY 2015 & \$79,984 FY 2016. FY 2013 & 2014 in Application under FTA Consideration TrAMS # 5584-2016-1
				S	104,926	21,968	22,187	22,409	171,490			
				T	524,630	109,838	110,936	112,045	857,449			

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				2017	2018	2019	2020	Est. Cost				
21	Preventive Maintenance Cost for Transit System	Ciales	2017	F	20,000	20,200	20,402	20,606	81,208	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	5,000	5,050	5,101	5,152	20,302			
				T	25,000	25,250	25,503	25,758	101,510			
22	Purchase of Communication Equipment - One Mobile Radio	Ciales	2017	F	10,000	-	-	-	10,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	2,500	-	-	-	2,500			
				T	12,500	-	-	-	12,500			
23	Acquisition of Equipment for the Maintenance of Transit Fleet	Ciales	2017	F	7,000	-	-	-	7,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	1,750	-	-	-	1,750			
				T	8,750	-	-	-	8,750			
24	Preventive Maintenance Cost for Transit System	Cidra	2017	F	15,000	15,150	15,302	15,455	60,906	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	3,750	3,788	3,825	3,864	15,227			
				T	18,750	18,938	19,127	19,318	76,133			
25	Repair roof leakage in thrid level public transportation terminal. Phase 3 of 3.	Cidra	2017	F	240,000	-	-	-	240,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	60,000	-	-	-	60,000			
				T	300,000	-	-	-	300,000			

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				2017	2018	2019	2020	Est. Cost				
26	Design and Construction of Eight (8) Bus Stops	Corozal	2015	F	117,355	-	-	-	117,355	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$67,200 FY 2015 & \$50,155 FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	29,339	-	-	-	29,339			
				T	146,694	-	-	-	146,694			
27	Improvements to the Público Vehicles Terminal at the Urban Center of Corozal - Improve pedestrian and vehicle access.	Corozal	2015	F	220,000	-	-	-	220,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$220,000 FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	55,000	-	-	-	55,000			
				T	275,000	-	-	-	275,000			
28	Preventive Maintenance for Transit Fleet	Corozal	2015	F	46,198	21,205	21,417	21,631	110,451	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$9,446 FY 2015 & \$16,355 FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	11,550	5,301	5,354	5,408	27,613			
				T	57,748	26,506	26,771	27,039	138,064			
29	Construction of 4 signage for bus stops/shelters to expand trolley route	Corozal	2015	F	22,574	-	-	-	22,574	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$22,574 FY 2015 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	5,644	-	-	-	5,644			
				T	28,218	-	-	-	28,218			
30	Improvements to streets, municipal roads and sidewalk along one stop on fixed trolley route	Corozal	2015	F	119,250	-	-	-	119,250	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$119,250 FY 2015 in Application under FTA Consideration TrAMS # 5489-2016-5. Associate Transit Improvements.
				S	29,813	-	-	-	29,813			
				T	149,063	-	-	-	149,063			

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				2017	2018	2019	2020	Est. Cost				
31	Preventive Maintenance Cost for Transit Fleet	Dorado	2016	F	76,273	25,308	25,561	25,817	152,959	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$23,848 FY 2015 & \$27,614 FY 2016
				S	19,068	6,327	6,390	6,454	38,240			
				T	95,341	31,635	31,951	32,271	191,198			
32	Provision of Paratransit Services in Accordance with ADA Regulations	Dorado	2015	F	197,843	68,603	69,289	69,982	405,717	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$64,646 FY 2015 & \$65,939 FY 2016
				S	49,461	17,151	17,322	17,495	101,429			
				T	247,304	85,754	86,611	87,477	507,146			
33	Replacement of nine (9) vehicles for New Midsize Transit Buses	Guaynabo	2014	F	360,000	727,213	-	-	1,087,213	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$280,000 for FY 2014, \$80,000 FY 2015. FY 2014 & FY 2015 in Application under FTA Consideration TrAMS # 1905-2016-1
				S	90,000	181,803	-	-	271,803			
				T	450,000	909,016	-	-	1,359,016			
34	Preventive Maintenance Cost for Transit Fleet	Guaynabo	2013	F	640,000	161,600	163,216	164,848	1,129,664	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$320,000 for FY 2013 & 2014 & \$160,000 FY 2016. FY 2013 & FY 2014 in Application under FTA Consideration TrAMS # 1905-2016-1
				S	160,000	40,400	40,804	41,212	282,416			
				T	800,000	202,000	204,020	206,060	1,412,080			
35	Repairs & Improvements of Public Transportation Terminal	Guaynabo	2013	F	488,000	-	-	-	488,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$488,000 FY 2013 in Application under FTA Consideration TrAMS # 1905-2016-1
				S	122,000	-	-	-	122,000			
				T	610,000	-	-	-	610,000			

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				2017	2018	2019	2020	Est. Cost				
36	Maintenance Expenses	Gurabo	2015	F	27,000	11,000	11,110	11,221	60,331	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$8,000 FY 2015 & \$9,000 FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	6,750	2,750	2,778	2,805	15,083			
				T	33,750	13,750	13,888	14,026	75,414			
37	Provision for paratransit service	Gurabo	2015	F	196,493	65,933	66,592	67,258	396,277	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2015 \$65,280 & \$65,280 in Application under FTA Consideration TrAMS # 5489-2016-5.
				S	49,123	16,483	16,648	16,815	99,069			
				T	245,616	82,416	83,240	84,073	495,346			
38	Preventive Maintenance Cost for Público Terminals	Humacao	2015	F	220,000	45,450	45,905	46,364	357,718	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$135,000 FY 2015 & \$40,000 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5567-2016-1
				S	55,000	11,363	11,476	11,591	89,430			
				T	275,000	56,813	57,381	57,954	447,148			
39	Preventive Maintenance Cost for Transit Fleet	Humacao	2013	F	135,439	56,669	57,236	57,808	307,152	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$23,400 for FY 2013, \$1,400 for FY 2014 & \$53,970 FY 2016. FY 2013 & 2014 in Application under FTA Consideration TrAMS # 5567-2016-1
				S	33,860	14,167	14,309	14,452	76,788			
				T	169,299	70,836	71,545	72,260	383,940			
40	Provision of Paratransit Services in Accordance with ADA Regulations	Humacao	2013	F	340,000	85,850	86,709	87,576	600,134	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$80,000 for FY 2013, \$90,000 FY 2014 & \$85,000 FY 2016. FY 2013 & 2014 in Application under FTA Consideration TrAMS # 5567-2016-1
				S	85,000	21,463	21,677	21,894	150,034			
				T	425,000	107,313	108,386	109,469	750,168			

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				2017	2018	2019	2020	Est. Cost				
41	Replacement of Twelve (12) Bus Passenger Shelter for Existing Trolley Route	Humacao	2013	F	144,000	-	-	-	144,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2013 in Application under FTA Consideration TrAMS # 5567-2016-1
				S	36,000	-	-	-	36,000			
				T	180,000	-	-	-	180,000			
42	Installation of 36 Bus Stops for New Trolley Routes	Humacao	2014	F	8,640		-	-	8,640	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2014 in Application under FTA Consideration TrAMS # 5567-2016-1
				S	2,160		-	-	2,160			
				T	10,800		-	-	10,800			
43	Preventive Maintenance Cost for Nine (9) Vehicles	Juncos	2014	F	200,548	73,225	73,957	74,697	422,427	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$69,000 for FY 2014 & \$59,048 FY 2016. FY 2014 in Application under FTA Consideration TrAMS # 3050-2016-1
				S	50,137	18,306	18,489	18,674	105,607			
				T	250,685	91,531	92,447	93,371	528,034			
44	Provision of Paratransit Services in Accordance with ADA Regulations	Juncos	2015	F	215,450	65,650	66,307	66,970	414,376	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$84,800 for FY 2015 & \$65,000 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 3050-2016-1
				S	53,863	16,413	16,577	16,742	103,594			
				T	269,313	82,063	82,883	83,712	517,970			
45	Purchase of Equipment for Municipal Transit Garage	Juncos	2013	F	20,000		-	-	20,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2013 in Application under FTA Consideration TrAMS # 3050-2016-1
				S	5,000		-	-	5,000			
				T	25,000		-	-	25,000			

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				2017	2018	2019	2020	Est. Cost				
46	Purchase of Computer, Equipment and Radio Communication System	Las Piedras	2013	F	4,000	-	-	-	4,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2013 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	1,000	-	-	-	1,000			
				T	5,000	-	-	-	5,000			
47	Engineering, Design and Environmental Compliance for the Construction of Maintenance Facilities, Phase I	Las Piedras	2016	F	120,000	-	-	-	120,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	30,000	-	-	-	30,000			
				T	150,000	-	-	-	150,000			
48	Provision of Paratransit Services in Accordance with ADA Regulations	Manatí	2017	F	61,882	62,501	63,126	63,757	251,266	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	15,471	15,625	15,781	15,939	62,816			
				T	77,353	78,126	78,907	79,696	314,082			
49	Preventive Maintenance Cost for Transit Fleet	Manatí	2017	F	33,406	33,740	34,077	34,418	135,642	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	8,352	8,435	8,519	8,605	33,910			
				T	41,758	42,175	42,597	43,023	169,552			
50	Environmental Study, Design and Construction of Transfer Station and Maintenance Garage	Manatí	2017	F	218,400	-	-	-	218,400	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to complete Grant on TEAM.
				S	54,600	-	-	-	54,600			
				T	273,000	-	-	-	273,000			

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					2017	2018	2019					2020
51	Additional Funds for the Acquisition of Land for the Construction of Transfer Station and Maintenance Garage	Manatí	2018	F	-	146,400	-	-	146,400	Narrative Justification Submitted	Certification Prepared by the Municipality	Subject to complete Grant on TEAM.
				S	-	36,600	-	-	36,600			
				T	-	183,000	-	-	183,000			
52	Administration and Employee Education and Training	MBA	2017	F	100,000	100,000	-	-	200,000	Narrative Justification Submitted		
				S	25,000	25,000	-	-	50,000			
				T	125,000	125,000	-	-	250,000			
53	Preventive Maintenance for Motor Bus and Demand Respond Service	MBA	2016	F	18,000,000				18,000,000	Narrative Justification Submitted		Carryover Funds \$8,000,000 FY 2016
				S	4,500,000				4,500,000			
				T	22,500,000				22,500,000			
54	Acquisition of Surveillance Security Equipment	MBA	2017	F	300,000	-	-	-	300,000	Narrative Justification Submitted		
				S	75,000	-	-	-	75,000			
				T	375,000	-	-	-	375,000			
55	Bus Stop and Route Signing	MBA	2017	F	300,000	-	-	-	300,000	Narrative Justification Submitted		
				S	75,000	-	-	-	75,000			
				T	375,000	-	-	-	375,000			

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				2017	2018	2019	2020	Est. Cost				
56	Rehabilitation and Renovation Bus Terminal	MBA	2017	F	125,000	-	-	-	125,000	Narrative Justification Submitted		
				S	31,250	-	-	-	31,250			
				T	156,250	-	-	-	156,250			
57	Preventive Maintenance Cost for Tren Urbano	PRHTA	2016	F	15,000,000	15,150,000	15,301,500	15,454,515	60,906,015	Narrative Justification Submitted		
				S	3,750,000	3,787,500	3,825,375	3,863,629	15,226,504			
				T	18,750,000	18,937,500	19,126,875	19,318,144	76,132,519			
58	Cost Associated to parts, equipment and material for preventive maintenance acquired by First Transit	PRHTA	2016	F	1,000,000	-	-	-	1,000,000	Narrative Justification Submitted		
				S	250,000	-	-	-	250,000			
				T	1,250,000	-	-	-	1,250,000			
59	Design and Installation of a Solar Energy Project for Tren Urbano	PRHTA	2017	F	356,000	-	-	-	356,000	Narrative Justification Submitted		
				S	89,000	-	-	-	89,000			
				T	445,000	-	-	-	445,000			
60	Funds for Vessel Parts, Equipment and Drydocking	PRHTA/ATM	2017	F	1,500,000	-	-	-	1,500,000	Narrative Justification Submitted		
				S	375,000	-	-	-	375,000			
				T	1,875,000	-	-	-	1,875,000			

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				2017	2018	2019	2020	Est. Cost				
61	Surveillance and Security System for Terminal and Vessels	PRHTA/ATM	2017	F	800,000	-	-	-	800,000	Narrative Justification Submitted		
				S	200,000	-	-	-	200,000			
				T	1,000,000	-	-	-	1,000,000			
62	Preventive Maintenance and Related Material Cost	PRHTA/ATM	2017	F	1,500,000	-	-	-	1,500,000	Narrative Justification Submitted		
				S	375,000	-	-	-	375,000			
				T	1,875,000	-	-	-	1,875,000			
63	Improvement to San Juan Maintenance Base	PRHTA/ATM	2017	F	480,000	-	-	-	480,000	Narrative Justification Submitted		
				S	120,000	-	-	-	120,000			
				T	600,000	-	-	-	600,000			
64	Rehabilitate, Rebuild and Maintain Ship Lift and Transfer System at Maintenance Base for the ATM System	PRHTA/ATM	2017	F	3,996,110	-	-	-	3,996,110	Narrative Justification Submitted		
				S	999,028	-	-	-	999,028			
				T	4,995,138	-	-	-	4,995,138			
65	Purchase of Two (2) Pick Up Truck	San Juan	2013	F	40,000	-	-	-	40,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2013 in Application under FTA Consideration TrAMS # 1886-2016-1
				S	10,000	-	-	-	10,000			
				T	50,000	-	-	-	50,000			

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Num.	Description		Year AppORTioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
66	Acquisition of Vehicles to Improve Public Transportation Services	San Juan	2017	F	650,000	-	-	-	650,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	162,500	-	-	-	162,500			
				T	812,500	-	-	-	812,500			
67	Improvements to the Juan Palerm (East Terminal) Público Vehicles Terminal	San Juan	2014	F	300,000	-	-	-	300,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2014 in Application under FTA Consideration TrAMS # 1886-2016-1
				S	75,000	-	-	-	75,000			
				T	375,000	-	-	-	375,000			
68	Preventive Maintenance for Red Conecta	San Juan	2016	F	1,160,350	585,977	591,837	597,755	2,935,919	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$580,175 FY 2016 in Application under FTA Consideration TrAMS # 1886-2016-1
				S	290,088	146,494	147,959	149,439	733,980			
				T	1,450,438	732,471	739,796	747,194	3,669,899			
69	Replacement of four (4) trolley buses	San Juan	2015	F	800,000	-	-	-	800,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$800,000 FY 2015 in Application under FTA Consideration TrAMS # 1886-2016-1
				S	200,000	-	-	-	200,000			
				T	1,000,000	-	-	-	1,000,000			
70	Construction of Paseo Lineal Miramar-Condado	San Juan	2016	F	3,200,000	-	-	-	3,200,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$3,200,000 FY 2016 in Application under FTA Consideration TrAMS # 1886-2016-1. Associated Transit Improvements-Bicycle paths
				S	800,000	-	-	-	800,000			
				T	4,000,000	-	-	-	4,000,000			

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Num.	Description		Year Appportioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
71	Improvements to the Capetillo Terminal	San Juan	2017	F	106,020	-	-	-	106,020	Budget Revision to Grant PR-90-X354-00	Certification Prepared by the Municipality	In Grant PR-90-X-354-00
				S	26,505	-	-	-	26,505			
				T	132,525	-	-	-	132,525			
72	Preventive Maintenance Cost for Transit Fleet	San Lorenzo	2015	F	153,942	61,206	61,818	62,436	339,402	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$33,342 FY 2015 & \$60,000 FY 2016
				S	38,486	15,302	15,455	15,609	84,851			
				T	192,428	76,508	77,273	78,045	424,253			
73	Provision of Paratransit Services in Accordance with ADA Regulations	San Lorenzo	2015	F	212,107	72,121	72,842	73,571	430,641	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$70,000 FY 2015 & \$70,700 FY 2016
				S	53,027	18,030	18,211	18,393	107,660			
				T	265,134	90,151	91,053	91,963	538,301			
74	Acquisition of two (2) 24 passengers Mini-Busses for Replacement	San Lorenzo	2015	F	240,000	-	-	-	240,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$240,000 FY 2015
				S	60,000	-	-	-	60,000			
				T	300,000	-	-	-	300,000			
75	Acquisition of two (2) Paratransit Vans, (10 -12) Passenger Capacity for Paratransit Services Expansion	San Lorenzo	2015	F	100,000	-	-	-	100,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$100,000 FY 2015
				S	25,000	-	-	-	25,000			
				T	125,000	-	-	-	125,000			

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Num.	Description		Year AppORTIONED	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
76	Acquisition of five (5) 24 passengers Mini-Busses for the Public Transportation. Services expansion	San Lorenzo	2015	F	600,000	-	-	-	600,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$600,000 FY 2015
				S	150,000	-	-	-	150,000			
				T	750,000	-	-	-	750,000			
77	Acquisition and Installation of a Virtual Camera System for the security in the Public Transportation Routes Stop Sites	San Lorenzo	2017	F	231,200	-	-	-	231,200	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$600,000 FY 2015
				S	57,800	-	-	-	57,800			
				T	289,000	-	-	-	289,000			
78	Purchase & Installation of Stop and Street Signs for the three Public Transportation Routes	San Lorenzo	2017	F	135,360	-	-	-	135,360	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$600,000 FY 2015
				S	33,840	-	-	-	33,840			
				T	169,200	-	-	-	169,200			
79	Purchase & Installation of Fifteen (15) Shelters for the Public Transportation Route	San Lorenzo	2017	F	48,000	-	-	-	48,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$600,000 FY 2015
				S	12,000	-	-	-	12,000			
				T	60,000	-	-	-	60,000			
80	Preventive Maintenance Cost for Transit Fleet	Toa Baja	2015	F	279,981	98,600	99,586	100,582	578,749	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$91,179 FY 2015 & \$91,178 FY 2016
				S	69,995	24,650	24,897	25,145	144,687			
				T	349,976	123,250	124,483	125,727	723,436			

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Num.	Description		Year Appportioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
81	Radios Communication Units (5)	Toa Baja	2015	F	12,200	-	-	-	12,200	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$12,200 FY 2015
				S	3,050	-	-	-	3,050			
				T	15,250	-	-	-	15,250			
82	Installation of four (4) Bus Shelter for the New Routes Candelaria Arenas and Pájaros Ward	Toa Baja	2015	F	38,720	-	-	-	38,720	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$38,720 FY 2016
				S	9,680	-	-	-	9,680			
				T	48,400	-	-	-	48,400			
83	One (1) support vehicle for oversight and support the Transit System	Toa Baja	2015	F	24,000	-	-	-	24,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$24,000 FY 2015 in Application under FTA Consideration TrAMS # 5415-2016-1
				S	6,000	-	-	-	6,000			
				T	30,000	-	-	-	30,000			
84	Provision of Paratransit Sevices in Accordance with ADA Regulations	Toa Baja	2015	F	586,676	228,757	231,045	233,355	1,279,833	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$180,000 FY 2015 & \$180,092 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5415-2016-1
				S	146,669	57,189	57,761	58,339	319,958			
				T	733,345	285,946	288,806	291,694	1,599,791			
85	Reconstruction for the sidewalks and handicap ramps for East route- Two (2) Phases.	Toa Baja	2015	F	542,010	-	-	-	542,010	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$271,005 FY 2015 & \$271,005 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5415-2016-1 Associated Transit Improvements
				S	135,503	-	-	-	135,503			
				T	677,513	-	-	-	677,513			

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Num.	Description		Year Appportioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
86	Purchase of 3 Cutaway <30 ft. 24 passenger buses for New Routes Candelaria Arena and Pájaros Ward	Toa Baja	2016	F	336,000	-	-	-	336,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$336,000 FY 2016
				S	84,000	-	-	-	84,000			
				T	420,000	-	-	-	420,000			
87	Purchase of 2 Cutaway 30 ft. 24 passenger buses for New Routes to Tren Urbano	Toa Baja	2015	F	280,000	-	-	-	280,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$280,000 FY 2016
				S	70,000	-	-	-	70,000			
				T	350,000	-	-	-	350,000			
88	Purchase of two (2) Paratransit Minibus to meet additional ADA demand	Toa Baja	2017	F	128,000	-	-	-	128,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	32,000	-	-	-	32,000			
				T	160,000	-	-	-	160,000			
89	Replacement of one (1) Trolley damaged, two (2) Paratransit Minibuses and two (2) Trolley	Toa Baja	2015	F	256,000	288,000	-	-	544,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$128,000 FY 2015 & \$128,000 FY 2016
				S	64,000	72,000	-	-	136,000			
				T	320,000	360,000	-	-	680,000			
90	Renovation and repair of Público Terminal at Pueblo Ward	Trujillo Alto	2015	F	407,000	-	-	-	407,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$407,000 FY 2015
				S	101,750	-	-	-	101,750			
				T	508,750	-	-	-	508,750			

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Num.	Description		Year Appportioned	Annual Element	Three Years Program			Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
91	Acquisition of Bus system TransTA, 15 mini vans for Masive Transportation within the Municipality in five (5) fix routes.	Trujillo Alto	2016	F	1,320,000				1,320,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$880,000 FY 2016
				S	330,000	-	-	-	330,000			
				T	1,650,000	-	-	-	1,650,000			
92	Instalation of ten (10) Bus shelters for fixed routes passengers in CDB	Vega Alta	2015	F	288,000			-	288,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$96,000 FY 2015 & \$96,000 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5462-2016-1
				S	72,000	-	-	-	72,000			
				T	360,000	-	-	-	360,000			
93	Preventive Maintenance for Transit Buses, Facilities and ADA Complementary Paratransit activities	Vega Alta	2015	F	155,141	52,751	53,279	53,811	314,982	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$51,200 FY 2015 & \$51,712 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5462-2016-1
				S	38,785	13,188	13,320	13,453	78,745			
				T	193,926	65,939	66,598	67,264	393,727			
94	Operational Assistance for ADA Complementary Paratransit Activities	Vega Alta	2015	F	139,385	47,394	47,868	48,347	282,994	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$46,000 FY 2015 & \$46,460 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 5462-2016-1
				S	34,846	11,849	11,967	12,087	70,748			
				T	174,231	59,243	59,835	60,433	353,742			
95	Preventive Maintenance Cost for Transit Fleet	Vega Baja	2015	F	179,600	76,960	77,730	78,507	412,796	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds \$57,000 FY 2015 & \$57,000 FY 2016.
				S	44,900	19,240	19,432	19,627	103,199			
				T	224,500	96,200	97,162	98,134	515,996			

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Num.	Description	Year AppORTIONED	Annual Element	Three Years Program				Total Est. Cost	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020					
96	Operation of Paratransit System in Compliance with ADA regulations	Vega Baja	2017	F	124,400	119,200	124,400	135,200	503,200	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	31,100	29,800	31,100	33,800	125,800			
				T	155,500	149,000	155,500	169,000	629,000			
97	Acquisition of Two (2) Cutaway Bus (18-20 Passenger Capacity) for Replacement	Vega Baja	2015	F	280,000	-	-	-	280,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2014 in Application under FTA Consideration TrAMS # 5414-2016-1
				S	70,000	-	-	-	70,000			
				T	350,000	-	-	-	350,000			
98	Repair and Rehabilitation of the Second Floor of the Public Transportation Terminal	Yabucoa	2016	F	125,000	-	-	-	125,000	Narrative Justification Submitted	Certification Prepared by the Municipality	Carryover Funds FY 2016 in Application under FTA Consideration TrAMS # 5489-2016-5
				S	31,250	-	-	-	31,250			
				T	156,250	-	-	-	156,250			
Total Federal Funds:					70,323,820	20,281,465	18,146,115	18,337,132	127,088,531			
Total State or Local Funds:					FALSE	5,073,881	4,536,529	4,584,283	31,775,648			
Total					87,904,775	25,369,407	22,682,643	22,921,415	158,878,241			



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Operating Assistance Special Rule
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SECTION 5307: FTA OPERATING ASSISTANCE SPECIAL RULE, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year Apportioned	Annual Element		Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020	Est. Cost				
1	Operating Assistance Special Rule	PRHTA/ATI	2014	F	3,371,330					3,371,330			Carryover Funds \$1,661,361 FY 2015 & \$1,709,969 FY 2016
				S	3,371,330		-	-		3,371,330			
				T	6,742,660		-	-		6,742,660			
2	Operating Assistance -Special Rule	Bayamón	2015	F	204,029					204,029			Carryover Funds \$70,809 FY 2015 & \$133,220 FY 2016. FY 2015 in Application under FTA Consideration. TrAMS # 2008-2016-1
				S	204,029	-	-	-		204,029			
				T	408,058	-	-	-		408,058			
3	Operating Assistance Special Rule	Caguas	2015	F	179,974					179,974			Carryover Funds \$69,630 FY 2015 & \$110,344 FY 2016. FY 2015 in Application under FTA Consideration. TrAMS # 2417-2016-1
				S	179,974		-	-		179,974			
				T	359,948		-	-		359,948			
4	Operating Assistance Special Rule	Carolina	2016	F	447,721					447,721			Carryover Funds \$ 447,721 FY 2016.
				S	447,721		-	-		447,721			
				T	895,442		-	-		895,442			
5	Operating Assistance Special Rule	Cayey	2016	F	53,114					53,114			Carryover Funds \$ 53,114 FY 2016.
				S	53,114		-	-		53,114			
				T	106,227		-	-		106,227			

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Num.	Description	Grantee	Year Apportioned	Annual Element				Total Est. Cost	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020					
6	Operating Assistance Special Rule	Cidra	2016	F	54,132			54,132			Carryover Funds \$ 54,132 FY 2016.	
				S	54,132		-	-				54,132
				T	108,263		-	-				108,263
7	Operating Assistance Special Rule	Dorado	2015	F	61,691			61,691			Carryover Funds \$30,881 FY 2015 & \$30,810 FY 2016	
				S	61,691		-	-				61,691
				T	123,382		-	-				123,382
8	Operating Assistance -Special Rule	Guaynabo	2015	F	713,537			713,537			Carryover Funds \$337,643 FY 2015 & \$375,894 FY 2016. FY 2015 in Application under FTA Consideration. TrAMS # 1905-2016-1	
				S	713,537	-	-	-				713,537
				T	449,574	-	-	-				449,574
9	Operating Assistance -Special Rule	Gurabo	2015	F	36,884			36,884			Carryover Funds \$10,954 FY 2015 & \$20,431 FY 2016	
				S	36,884	-	-	-				36,884
				T	73,769	-	-	-				73,769
10	Operating Assistance Special Rule	Humacao	2014	F	149,268			149,268			Carryover Funds \$50,026 FY 2014, \$47,701 FY 2015 & \$51,541 FY 2014 & 2015 in Application under FTA Consideration TrAMS # 5567-2016-1	
				S	149,268		-	-				149,268
				T	298,535		-	-				298,535

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					2017	2018	2019	2020	Est. Cost			
11	Operating Assistance Special Rule	Juncos	2015	F	121,408				121,408			Carryover Funds \$57,333 FY 2015 & \$64,074 FY 2016. FY 2015 in Application under FTA Consideration. TrAMS # 3050-2016-1
				S	121,408		-	-	121,408			
				T	242,816		-	-	242,816			
12	Operating Assistance Special Rule	Manatí	2014	F	106,934				106,934			Carryover Funds \$53,884 FY 2015 & \$53,050
				S	106,934		-	-	106,934			
				T	213,868		-	-	213,868			
13	Operating Assistance -Special Rule	San Juan	2014	F	718,528				718,528			Carryover Funds \$214,967 FY 2014, \$227,614 FY 2015 & \$275,947 FY 2016. FY 2015 in Application under FTA Consideration TrAMS # 1886-2016-1
				S	718,528	-	-	-	718,528			
				T	1,437,056	-	-	-	1,437,056			
14	Operating Assistance Special Rule	San Lorenzo	2014	F	96,613				96,613			Carryover Funds \$37,038 FY 2015 & \$59,576
				S	96,613		-	-	96,613			
				T	193,226		-	-	193,226			
15	Operating Assistance Special Rule	Toa Baja	2014	F	183,119				183,119			Carryover Funds \$88,397 FY 2015 & \$ 94,721 FY 2016
				S	183,119			-	183,119			
				T	366,237			-	366,237			

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Num.	Description	Grantee	Year Apportioned	Annual Element		Three Years Program			Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020	Est. Cost			
16	Operating Assistance -Special Rule	Vega Alta	2015	F	62,258				62,258			Carry over Funds \$17,833 FY 2015 & \$44,425 FY2016. FY 2015 in application under FTA Consideration. TrAMS # 5462-2016-1
				S	62,258	-	-	-	62,258			
				T	124,516	-	-	-	124,516			
17	Operating Assistance -Special Rule	Vega Baja	2015	F	140,726				140,726			Carryover Funds \$75,743 FY 2015 & \$64,983 FY 2016
				S	140,726	-	-	-	140,726			
				T	281,453	-	-	-	281,453			
Total Federal Funds:					6,701,266	-	-	-	6,701,266			
Total State or Local Funds:					6,701,266	-	-	-	6,701,266			
Total					12,425,031	-	-	-	12,425,031			



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

Section 5310

COMMONWEALTH OF PUERTO RICO
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SECTION 5310: ELDERLY AND PERSONS WITH DISABILITIES PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year Appportioned	Annual Element	Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
1	Acquisition of two (16 passengers) Mini buses for Acción Social, Inc. (San Luis Multiple Center) (Aibonito)	PRHTA	2017	F	144,000	-	-	-	144,000	Narrative Justification Prepared by the Non-Profit Organization	Certification Prepared by the by the Non-Profit Organization	
				S	36,000	-	-	-	36,000			
				T	180,000	-	-	-	180,000			
2	Acquisition of one (16 passengers) Mini bus for Municipality of Barranquitas	PRHTA	2017	F	72,000	-	-	-	72,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	18,000	-	-	-	18,000			
				T	90,000	-	-	-	90,000			
3	Acquisition of one (16 passengers) Mini bus for Casa Barranquitas, Inc.	PRHTA	2017	F	72,000	-	-	-	72,000	Narrative Justification Prepared by the Non-Profit Organization	Certification Prepared by the by the Non-Profit Organization	
				S	18,000	-	-	-	18,000			
				T	90,000	-	-	-	90,000			
4	Acquisition of One (11 passengers) Paratransit Van and one (16 passengers) Mini bus for "Instituto Psicopedagógico de Puerto Rico, Inc". (IPPR) (Bayamón)	PRHTA	2017	F	128,000	-	-	-	128,000	Narrative Justification Prepared by the Non-Profit Organization	Certification Prepared by the by the Non-Profit Organization	
				S	32,000	-	-	-	32,000			
				T	160,000	-	-	-	160,000			
5	Acquisition of one (16 passengers) Mini buses for "Alturas de San Juan, Inc."(San Juan)	PRHTA	2017	F	72,000	-	-	-	72,000	Narrative Justification Prepared by the Non-Profit Organization	Certification Prepared by the by the Non-Profit Organization	
				S	18,000	-	-	-	18,000			
				T	90,000	-	-	-	90,000			

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Num.	Description	Grantee	Year Apporioned	Annual Element		Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020	Est. Cost				
6	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Bayamón	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality		
				S	17,750	-	-	-	17,750				
				T	88,750	-	-	-	88,750				
7	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Canóvanas	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality		
				S	17,750	-	-	-	17,750				
				T	88,750	-	-	-	88,750				
8	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Carolina	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality		
				S	17,750	-	-	-	17,750				
				T	88,750	-	-	-	88,750				
9	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Cataño	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality		
				S	17,750	-	-	-	17,750				
				T	88,750	-	-	-	88,750				
10	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Ciales	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality		
				S	17,750	-	-	-	17,750				
				T	88,750	-	-	-	88,750				

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Num.	Description	Grantee	Year Apporioned	Annual Element	Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
11	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Cidra	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
12	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Corozal	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
13	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Dorado	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
14	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Guaynabo	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
15	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Juncos	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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Num.	Description	Grantee	Year Apporioned	Annual Element	Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
16	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Las Piedras	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
17	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Manatí	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
18	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Maunabo	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
19	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Naguabo	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
20	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Naranjito	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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					2017	2018	2019	2020				
21	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Río Grande	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
22	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Salinas	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
23	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of San Lorenzo	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
24	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Toa Baja	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
25	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Trujillo Alto	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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Num.	Description	Grantee	Year Apporportioned	Annual Element	Three Years Program				Total Est. Cost	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
26	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Vega Baja	PRHTA	2017	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality	Certification Prepared by the Municipality	
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
27	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Bayamón	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
28	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Caguas	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
29	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Canóvanas	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
30	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Carolina	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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					2017	2018	2019	2020				
31	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Cataño	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
32	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Cayey	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
33	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Ciales	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
34	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Cidra	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
35	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Comerío	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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Num.	Description	Grantee	Year Apporioned	Annual Element	Three Years Program				Total Est. Cost	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
36	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Corozal	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
37	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Dorado	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
38	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Guaynabo	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
39	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Gurabo	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
40	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Humacao	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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					2017	2018	2019	2020				
41	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Juncos	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
42	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Las Piedras	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
43	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Loíza	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
44	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Manatí	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
45	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Maunabo	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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					2017	2018	2019	2020				
46	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Naguabo	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
47	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Naranjito	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
48	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Orocovis	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
49	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Río Grande	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
50	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Salinas	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

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					2017	2018	2019	2020				
51	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of San Juan	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
52	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of San Lorenzo	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
53	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Toa Alta	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
54	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Toa Baja	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
55	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Trujillo Alto	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			

COMMONWEALTH OF PUERTO RICO
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 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017 - 2020

SECTION 5310: ELDERLY AND PERSONS WITH DISABILITIES PROGRAM, SAN JUAN URBANIZED AREA

Num.	Description	Grantee	Year Apportioned	Annual Element	Three Years Program				Total Est. Cost	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
56	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Vega Baja	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
57	Acquisition of One (11) Passengers Paratransit Van for Non-Emergency Transportation Services in the Municipality of Yabucoa	PRHTA	2016	F	71,000	-	-	-	71,000	Narrative Justification Prepared by the Municipality		Approved in TrAMS Grant # PR-2016-007-00-00
				S	17,750	-	-	-	17,750			
				T	88,750	-	-	-	88,750			
58	Program Administration	PRHTA	2015	F	207,768	-	-	-	207,768			
				S	-	-	-	-	-			
				T	207,768	-	-	-	207,768			
59	Program Administration	PRHTA	2016	F	250,307	-	-	-	250,307			
				S	-	-	-	-	-			
				T	250,307	-	-	-	250,307			
60	Projects for Elderly and Persons with Disabilities Program for Municipalities Belong on San Juan Urbanized Area	PRHTA	2016	F	2,252,760	-	-	-	2,252,760			
				S	-	-	-	-	-			
				T	2,252,760	-	-	-	2,252,760			
Total Federal Funds:					2,437,075	-	-	-	2,437,075			
Total State or Local Funds:					494,750	-	-	-	494,750			
Total					2,931,825	-	-	-	2,931,825			



Commonwealth of Puerto Rico

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

Transportation Improvement Program (TIP)
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FEDERAL TRANSIT ADMINISTRATION (FTA)
San Juan Urbanized Area (SJUA)
(UA > 1,000,000 in Population)

State Safety Oversight Program
Section 5329

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

Num.	Description	Grantee	Year Apportioned	Annual Element	Three Years Program				Total	Project Justification	Source of Local Funds	Remarks
				2017	2018	2019	2020	Est. Cost				
1	State Safety Oversight Program	PREMA	2017	F	771,212	-	-	-	771,212			Carryover Funds , \$299,732 FY 2015 & \$303,543 FY 2016
				S	192,803	-	-	-	192,803			
				T	964,015	-	-	-	964,015			
Total Federal Funds:					771,212	-	-	-	771,212			
Total State or Local Funds:					192,803	-	-	-	192,803			
Total					964,015	-	-	-	964,015			



Commonwealth 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

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

Num.	Description	Grantee	Year Apportioned	Annual Element	Three Years Program				Total Est. Cost	Project Justification	Source of Local Funds	Remarks
					2017	2018	2019	2020				
1	Preventive Maintenance for the Ferry System	PRHTA/ATM	2013	F	1,000,000	-	-	-	1,000,000			
				S	250,000	-	-	-	250,000			
				T	1,250,000	-	-	-	1,250,000			
2	Additional funds for the rehabilitation of the Syncrolift System	PRHTA/ATM	2013	F	4,249,287	-	-	-	4,249,287			
				S	1,062,322	-	-	-	1,062,322			
				T	5,311,609	-	-	-	5,311,609			
3	Additional funds for the Fare Collection System for the Tren Urbano	PRHTA	2016	F	4,239,637	-	-	-	4,239,637			Approved in TrAMS Grant # PR-2016-010-00-00
				S	1,059,909	-	-	-	1,059,909			
				T	5,299,546	-	-	-	5,299,546			
4	Tren Urbano's Bridge Inspection	PRHTA	2016	F	3,000,000	-	-	-	3,000,000			Approved in TrAMS Grant # PR-2016-010-00-00
				S	750,000	-	-	-	750,000			
				T	3,750,000	-	-	-	3,750,000			
5	Additional funds for Tren Urbano Security System	PRHTA	2016	F	914,389	-	-	-	914,389			Approved in TrAMS Grant # PR-2016-006-00-00
				S	228,597	-	-	-	228,597			
				T	1,142,986	-	-	-	1,142,986			
Total Federal Funds:					5,249,287	-	-	-	5,249,287			
Total State or Local Funds:					1,312,322	-	-	-	1,312,322			
Total					6,561,609	-	-	-	6,561,609			



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FEDERAL TRANSIT ADMINISTRATION (FTA)
San Juan Urbanized Area (SJUA)
(UA > 1,000,000 in Population)

Section 5339

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

Num.	Description	Grantee	Year Apporioned	Three Years Program			Total	Total	Project Justification	Source of Local Funds	Remarks	
				2017	2018	2019	2020	Est. Cost				
1	Repair and upgrade of the Francisco Pereira Transportation Terminal located at the Rafael Cordero Ave, corner of Goyco St., terminal St., and Acosta St.	Caguas	2015	F	2,531,522	-	-	-	2,531,522	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	632,881	-	-	-	632,881			
				T	3,164,403	-	-	-	3,164,403			
2	Replacement of One (1) Paratransit Van (12 Passenger Capacity) for the Municipality of Juncos	Juncos	2015	F	72,000	-	-	-	72,000	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	18,000	-	-	-	18,000			
				T	90,000	-	-	-	90,000			
3	Improvement of the Maintenance Garage	MBA	2017	F	4,025,526	-	-	-	4,025,526	Narrative Justification Submitted		\$2,759,765 approved in TrAMS Grant # PR-2016-012-01-00
				S	1,006,382	-	-	-	1,006,382			
				T	5,031,908	-	-	-	5,031,908			
4	Replacement of Ninety Two (92) Stop Bus Sign for the Municipality of Toa Baja	Toa Baja	2015	F	14,720	-	-	-	14,720	Narrative Justification Submitted	Certification Prepared by the Municipality	
				S	3,680	-	-	-	3,680			
				T	18,400	-	-	-	18,400			
Total Federal Funds:					3,884,003	-	-	-	3,884,003			
Total State or Local Funds:					971,001	-	-	-	971,001			
Total					4,855,004	-	-	-	4,855,004			



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FEDERAL HIGHWAY ADMINISTRATION (FHWA)

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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 Commonwealth 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	Puerto Rico Highway 25% - FAST
MP40	Puerto Rico Section 154 Penalty	ZP20	Puerto Rico Highway NHPP 50% - FAST
MP4E	Puerto Rico Section 154 Penalty Ext.	ZP30	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		

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

Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks		
							2017	2018	2019	2020					
UA>1,000,000 Population (San Juan)															
1	AC-084511 R000845011 MP-845(2) ZP-10	Widening PR-845 from Pasternak Street to Int. PR-199	San Juan Trujillo Alto	NEPA	2014	F	402,906	-	-	-	-	-	402,906		
						TC	100,727	-	-	-	-	100,727			
						S	26,507	-	-	-	-	26,507			
						T	530,140					530,140			
				Pre-Engineering		F	-	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-	-	-	
						S	-	-	-	-	-	-	-	-	
						T									
				Design	2018	F	-	-	285,000	-	-	-	-	285,000	
						TC	-	-	71,250	-	-	-	-	71,250	
						S	-	-	18,750	-	-	-	-	18,750	
						T			375,000					375,000	
				ROW	2019	F	-	-	-	-	3,100,000	-	-	3,100,000	
						TC	-	-	-	-	775,000	-	-	775,000	
						S	-	-	-	-	-	-	-	-	
		T					3,875,000			3,875,000					
Construction		F	-	-	-	-	-	14,440,000	-	14,440,000	Estimated Time of Completion March 2026				
		TC	-	-	-	-	-	3,610,000	-	3,610,000					
		S	-	-	-	-	-	950,000	-	950,000					
		T						19,000,000		19,000,000					
Total Estimated Project Cost						530,140	-	375,000	-	3,875,000	19,000,000	23,780,140			
2	AC-017242 L000172042 9999(188) ZP-10	Cidra East Connector form #2 Street (Industrial Avenue) to PR-734 (Phase 1) Length 1.38	Cidra	NEPA	2012	F	355,680	-	-	-	-	-	355,680		
						TC	-	-	-	-	-	-	-		
						S	-	-	-	-	-	-	-	-	
						T	355,680							355,680	
				Pre-Engineering		F	-	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-	-	-	
						S	-	-	-	-	-	-	-	-	
						T									
				Design		F	-	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-	-	-	
						S	-	-	940,340	-	-	-	-	940,340	
						T			940,340					940,340	
				ROW	2019	F	-	-	-	2,400,000	-	-	-	2,400,000	
						TC	-	-	-	600,000	-	-	-	600,000	
						S	-	-	-	-	-	-	-	-	
		T				3,000,000				3,000,000					
Construction		F	-	-	-	-	-	11,400,000	-	11,400,000	Estimated Time of Completion March 2023				
		TC	-	-	-	-	-	2,850,000	-	2,850,000					
		S	-	-	-	-	-	750,000	-	750,000					
		T						15,000,000		15,000,000					
Total Estimated Project Cost						1,296,020	-	-	3,000,000	-	15,000,000	19,296,020			

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
3	AC-020802 S000208002 MP-208(2) ZP-10	AGUAS BUENAS BYPASS FROM PR-156, KM 53 TO PR-173, LENGTH 3.1	Aguas Buenas	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	-	-	-	-	-	-	-				
					T	-	-	-	-	-	-	-				
				Pre-Engineering	2014	F	635,000	-	-	-	-	-	-		-	635,000
					TC	65,000	-	-	-	-	-	-	-		65,000	
					S	-	-	-	-	-	-	-	-		-	
					T	700,000	-	-	-	-	-	-	-		700,000	
				Design	F	-	-	-	-	-	-	-	-		-	-
					TC	-	-	-	-	-	-	-	-		-	-
					S	-	-	-	-	-	-	-	-		-	-
					T	-	-	-	-	-	-	-	-		-	-
				ROW	2019	F	-	-	-	1,820,000	-	-	-		-	1,820,000
					TC	-	-	-	-	455,000	-	-	-		-	455,000
					S	-	-	-	-	-	-	-	-		-	-
T	-	-	-		-	2,275,000	-	-	-	-	2,275,000					
Construction	F	-	-	-	-	-	-	22,800,000	-	22,800,000	Estimated Time of Completion December 2025					
	TC	-	-	-	-	-	-	5,700,000	-	5,700,000						
	S	-	-	-	-	-	-	1,500,000	-	1,500,000						
	T	-	-	-	-	-	-	30,000,000	-	30,000,000						
Total Estimated Project Cost						700,000	-	-	2,275,000	-	30,000,000	32,975,000				
4	AC-015801 Y000158001 ZP-20	CONSTRUCTION OF PR-158, FROM PR- 743 TO PARQUE TECNOLÓGICO ENTRANCE - Phase 1	Cayey	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	-	-	-	-	-	-	-				
					T	-	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-	-		-	NEPA, Design, IAR and PS&E will be covered in AC-015802
					TC	-	-	-	-	-	-	-	-		-	
					S	-	-	-	-	-	-	-	-		-	
					T	-	-	-	-	-	-	-	-		-	
				Design	F	-	-	-	-	-	-	-	-		-	Final Design added in AC-015802
					TC	-	-	-	-	-	-	-	-		-	
					S	-	-	-	-	-	-	-	-		-	
					T	-	-	-	-	-	-	-	-		-	
				ROW	F	-	-	-	-	-	-	-	-		-	
					TC	-	-	-	-	-	-	-	-		-	
					S	-	-	-	-	-	-	-	-		-	
T	-	-	-		-	-	-	-	-	-						
Construction	2019	F	-	-	-	-	-	-	-	-	Construction moved from FY 2017 to FY 2019					
	TC	-	-	-	-	-	-	-	-	-						
	S	-	-	-	-	13,000,000	-	-	-	13,000,000						
	T	-	-	-	-	13,000,000	-	-	-	13,000,000						
Total Estimated Project Cost						-	-	-	13,000,000	-	-	13,000,000				

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
5	AC-015802 Y000158002 ZP-20	CONSTRUCTION CONNECTOR PR-158, PHASE II FROM [PARQUE TECNOLÓGICO TO PR-1, CAYEY	Cayey	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	125,000	-	-	-	-	-	125,000				
					T	125,000	-	-	-	-	-	125,000				
				Pre-Engineering	F	-	760,000	-	-	-	-	-	-		760,000	Also includes NEPA, Design, IAR and PS&E for AC-015801
					TC	-	190,000	-	-	-	-	-	-		190,000	
					S	-	50,000	-	-	-	-	-	-		50,000	
					T	-	1,000,000	-	-	-	-	-	-		1,000,000	
				Design	F	-	-	-	608,000	-	-	-	-		608,000	Final Design added - Includes AC- 015801
					TC	-	-	-	152,000	-	-	-	-		152,000	
					S	-	-	-	40,000	-	-	-	-		40,000	
					T	-	-	-	800,000	-	-	-	-		800,000	
				ROW	F	-	-	-	800,000	-	-	-	-		800,000	
					TC	-	-	-	200,000	-	-	-	-		200,000	
					S	-	-	-	-	-	-	-	-		-	
T	-	-	-		1,000,000	-	-	-	-	1,000,000						
Construction	F	-	-	-	-	-	7,600,000	-	-	7,600,000	Construction moved from FY 2019 to FY 2020					
	TC	-	-	-	-	-	1,900,000	-	-	1,900,000						
	S	-	-	-	-	-	500,000	-	-	500,000						
	T	-	-	-	-	-	10,000,000	-	-	10,000,000						
Total Estimated Project Cost						125,000	1,000,000	-	1,800,000	10,000,000	-	12,925,000				
6	AC-054509 L000545009 ZP-10	PR-545 Widening from PR-52 (Km. 1.03) to PR-14 (km. 6.03)	Coamo	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	-	-	-	-	-	-	-				
					T	-	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-	-		-	
					TC	-	-	-	-	-	-	-	-		-	
					S	125,000	-	-	-	-	-	-	-		125,000	
					T	125,000	-	-	-	-	-	-	-		125,000	
				Design	F	-	-	-	-	-	-	-	-		-	
					TC	-	-	-	-	-	-	-	-		-	
					S	-	-	-	-	-	-	-	-		-	
					T	-	-	-	-	-	-	-	-		-	
				ROW	F	-	1,296,000	-	-	-	-	-	-		1,296,000	
					TC	-	324,000	-	-	-	-	-	-		324,000	
					S	-	-	-	-	-	-	-	-		-	
T	-	1,620,000	-		-	-	-	-	-	1,620,000						
Construction	F	-	-	-	-	-	3,800,000	-	-	3,800,000						
	TC	-	-	-	-	-	950,000	-	-	950,000						
	S	-	-	-	-	-	250,000	-	-	250,000						
	T	-	-	-	-	-	5,000,000	-	-	5,000,000						
Total Estimated Project Cost						125,000	1,620,000	-	-	5,000,000	-	6,745,000				

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

Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks		
							2017	2018	2019	2020					
7	AC-018760 S000187060 ZP-20	Feasibility and Update Environmental Study South Bypass from PR-188 to Mediania Baja (PR-187) (CFHWA)	Loíza	NEPA	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-			
					S	-	-	-	-	-	-	-			
					T	-	-	-	-	-	-				
				Pre-Engineering	2017	F	-	304,000	-	-	-	-	-	304,000	-
					TC	-	76,000	-	-	-	-	-	76,000	-	
					S	-	20,000	-	-	-	-	20,000	-		
					T	-	400,000	-	-	-	-	400,000	-		
				Design	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	
					T	-	-	-	-	-	-	-	-		
				ROW	2019	F	-	-	-	1,500,000	-	-	-	1,500,000	-
					TC	-	-	-	-	375,000	-	-	-	375,000	-
					S	-	-	-	-	-	-	-	-	-	
T	-	-	-		-	1,875,000	-	-	-	1,875,000	-				
Construction	F	-	-	-	-	-	-	-	5,320,000	5,320,000	Estimated Time of Completion March 2023				
	TC	-	-	-	-	-	-	-	1,330,000	1,330,000					
	S	-	-	-	-	-	-	-	350,000	350,000					
	T	-	-	-	-	-	-	-	7,000,000	7,000,000					
Total Estimated Project Cost						-	400,000	-	1,875,000	-	7,000,000	9,275,000			
8	AC-019143 B000191043 MP-31 (20) & 31(21) ZP-10	Replacement of Bridge #194 PR-31 km 8.8	Naguabo	NEPA	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-			
					S	-	-	-	-	-	-				
					T	-	-	-	-	-	-				
				Pre-Engineering	2013	F	341,295	-	-	-	-	-	-	341,295	-
					TC	85,324	-	-	-	-	-	85,324	-		
					S	-	-	-	-	-	-	-			
					T	426,619	-	-	-	-	-	426,619	-		
				Design	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-			
				ROW	2016	F	219,965	-	-	-	-	-	-	219,965	-
					TC	54,135	-	-	-	-	-	54,135	-		
					S	-	-	-	-	-	-	-			
T	274,100	-	-		-	-	-	274,100	-						
Construction	2017	F	-	2,888,000	-	-	-	-	-	2,888,000	-				
	TC	-	722,000	-	-	-	-	722,000	-						
	S	-	190,000	-	-	-	-	190,000	-						
	T	-	3,800,000	-	-	-	-	3,800,000	-						
Total Estimated Project Cost						700,719	3,800,000	-	-	-	-	4,500,719			

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks	
							2017	2018	2019	2020				
9	AC-520130 T000522130 ZP-10, ZP-20, ZP-30	Congestion Managed Lanes - Phase 1 - PR-52 -San Juan (km. 0.30 to km. 9.16) - Two additional lanes on the median of PR-18 and PR-52 from San Juan to Caguas. These lanes will be managed using dynamic tolling to provide a reliable travel time for users. These lanes will be reversible (AM northbound and PM southbound.	San Juan	NEPA		F	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
			Trujillo Alto	Pre-Engineering		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
			Caguas	Design		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				ROW		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
	Construction	2017	F	-	24,947,520	-	-	-	-	24,947,520				
			TC	-	6,236,880	-	-	-	6,236,880					
			S	-	1,641,284	-	-	-	1,641,284					
			T	-	32,825,684	-	-	-	32,825,684					
Total Estimated Project Cost						-	32,825,684	-	-	-	-	32,825,684		
10	AC-800508 L009999508 ZP-10, ZP-20, ZP-30	Congestion Managed Lanes - Phase 4 - 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 at the Caguas Norte Toll Plaza.	San Juan	NEPA		F	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
			Trujillo Alto	Pre-Engineering		F	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
			Caguas	Design		F	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				ROW		F	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
	Construction	2018	F	-	-	21,346,171	-	-	-	21,346,171				
			TC	-	-	5,336,543	-	-	5,336,543					
			S	-	-	1,404,353	-	-	1,404,353					
			T	-	-	28,087,067	-	-	28,087,067					
Total Estimated Project Cost						-	28,087,067	-	-	-	-	28,087,067		

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							2017	2018	2019	2020			
11	AC-300124 L000030124 ZP-10, ZP-20, ZP-30	Congestion Managed Lanes - Phase 5 - PR-30-San Juan (km 0.30 to km. 7.20) - reversible lane using reversible lane barrier system on PR-30 from Km. 0.30 to Km. 7.20	San Juan Trujillo Alto Caguas	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Design	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				ROW	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
Construction	F	-	-	-	5,716,446	-	-	5,716,446					
	TC	-	-	-	1,429,112	-	-	1,429,112					
	S	-	-	-	376,082	-	-	376,082					
	T	-	-	-	7,521,640	-	-	7,521,640					
Total Estimated Project Cost						-	-	-	7,521,640	-	-	7,521,640	
12	AC-800509 L009999509 ZP-10, ZP-20, ZP-30	Congestion Managed Lanes - ITS (All Phases) - will provide ITS instrumentation for all phases of the Congestion Managed Lanes projects for the operation of the dynamic toll and traffic incident management.	San Juan Trujillo Alto Caguas	NEPA	F	-	-	-	-	-	-		
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Pre-Engineering	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Design	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				ROW	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
Construction	F	-	-	-	9,299,680	-	-	9,299,680					
	TC	-	-	-	2,324,920	-	-	2,324,920					
	S	-	-	-	611,821	-	-	611,821					
	T	-	-	-	12,236,421	-	-	12,236,421					
Total Estimated Project Cost						-	-	-	12,236,421	-	-	12,236,421	

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							2017	2018	2019	2020						
13	AC-800510 L00999510 ZP-20	Congested Managed Lanes - Noise Barriers - Vista Alegre Community, Borinquen Gardens, Parque Forestal, Berm- Residential Area, Quintas de San Luis, Berm-Villa Parana - will provide the noise abatement measures recommended as part of the environmental exclusion document prepared for the Congestion Managed Lanes project.	San Juan Trujillo Alto Caguas	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	-	-	-	-	-	-	-				
					T	-	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				ROW	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
Construction	2019	F	-	-	-	4,560,000	-	-	-	-	4,560,000	-				
	TC	-	-	-	-	1,140,000	-	-	-	-	1,140,000	-				
	S	-	-	-	-	300,000	-	-	-	-	300,000	-				
	T	-	-	-	-	6,000,000	-	-	-	-	6,000,000	-				
Total Estimated Project Cost						-	-	-	6,000,000	-	-	6,000,000				
14	AC-800497 F00999497 MP-18(14) ZP-20	New Connector (Cancer Comprehensive Center) between PR-18 and PR-21 (includes new bridge over PR-18 and a new ramp from PR-18 to PR-21)	San Juan	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	Design will be completed In-house
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				ROW	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
Construction	2017	F	-	12,920,000	-	-	-	-	-	-	12,920,000	-				
	TC	-	3,230,000	-	-	-	-	-	-	-	3,230,000	-				
	S	-	850,000	-	-	-	-	-	-	-	850,000	-				
	T	-	17,000,000	-	-	-	-	-	-	-	17,000,000	-				
Total Estimated Project Cost						-	17,000,000	-	-	-	-	17,000,000				

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							2017	2018	2019	2020					
15	AC-800523 L009999523 ZP-20	Noise Barriers at PR-22 Paco Davila km . 19.2 - km 19.5, El Patio km. 16.5 - km 17.1 , Monte Claro km.14.1 - km 14.6, Rio Hondo 1 km. 12.8 - km 13.6 (Eastbound), Rio Hondo 2 km. 13.0 - km 13.25 (Westbound), Rio Hondo 3 km. 12.5 - km 12.9	Bayamon Toa Baja	NEPA	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-			
					S	-	-	-	-	-	-	-			
					T	-	-	-	-	-	-	-			
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-
				ROW	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-
Construction	F	-	532,000	-	-	1,520,000	-	2,052,000	-	-	-				
	TC	-	133,000	-	-	380,000	-	513,000	-	-	-				
	S	-	35,000	-	-	100,000	-	135,000	-	-	-				
	T	-	700,000	-	-	2,000,000	-	2,700,000	-	-	-				
Total Estimated Project Cost						-	700,000	-	-	2,000,000	-	2,700,000			
16	AC-TBD	Environmental Study Extension PR-5 From PR-199 to PR-167	Bayamon	NEPA	2017	F	-	596,600	-	-	-	-	596,600		
						TC	-	149,150	-	-	-	-	149,150		
						S	-	39,250	-	-	-	-	39,250		
						T	-	785,000	-	-	-	-	785,000		
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-
				Design	2020	F	-	-	-	760,000	-	760,000	-	-	-
						TC	-	-	-	190,000	-	190,000	-	-	-
						S	-	-	-	50,000	-	50,000	-	-	-
						T	-	-	-	1,000,000	-	1,000,000	-	-	-
				ROW	F	-	-	-	-	-	34,400,000	34,400,000	-	-	-
					TC	-	-	-	-	-	8,600,000	8,600,000	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	43,000,000	43,000,000	-	-	-
Construction	F	-	-	-	-	-	129,200,000	129,200,000	-	-	-				
	TC	-	-	-	-	-	32,300,000	32,300,000	-	-	-				
	S	-	-	-	-	-	8,500,000	8,500,000	-	-	-				
	T	-	-	-	-	-	170,000,000	170,000,000	-	-	-				
Total Estimated Project Cost						-	785,000	-	-	1,000,000	213,000,000	214,785,000			

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							2017	2018	2019	2020						
17	AC-000259 L000000259 ZP-20	Construction of Noise Barrier, Los Almendros Development, PR-22 km. 12.2 to km 12.7	Bayamon	NEPA	F	-	-	-	-	-	-	-	In House			
					TC	-	-	-	-	-	-					
					S	-	-	-	-	-	-					
					T	-	-	-	-	-	-					
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-	-	-	-	-	In House
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
Construction	2017	F	-	494,000	-	-	-	-	-	-	494,000					
	TC	-	-	123,500	-	-	-	-	-	-	123,500					
	S	-	-	32,500	-	-	-	-	-	-	32,500					
	T	-	-	650,000	-	-	-	-	-	-	650,000					
Total Estimated Project Cost						-	650,000	-	-	-	-	650,000				
18	AC-TBD	Reversible Dynamic Toll Flyover Int. PR-2 and PR-22 (Kennedy - De Diego Expressway New Peak Period Access) Longitude .7kms	San Juan Guaynabo	NEPA	F	-	-	-	-	-	-	-	In House			
					TC	-	-	-	-	-	-					
					S	-	-	-	-	-	-					
					T	-	-	-	-	-	-					
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-	-	-	-	-	In House
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
Construction	2018	F	-	-	9,998,533	-	-	-	-	-	9,998,533					
	TC	-	-	-	2,499,633	-	-	-	-	-	2,499,633					
	S	-	-	-	657,798	-	-	-	-	-	657,798					
	T	-	-	-	13,155,964	-	-	-	-	-	13,155,964					
Total Estimated Project Cost						-	-	13,155,964	-	-	-	13,155,964				

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks		
							2017	2018	2019	2020					
19	AC-010194 S000000194 LP-9999(189)	Barranquitas South Bypass	Barranquitas	NEPA	F	172,429	-	-	-	-	-	172,429			
					TC	43,107	-	-	-	-	-	43,107			
					S	-	-	-	-	-	-	-			
					T	215,536						215,536			
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	
				Design	2019	F	-	-	-	228,000	-	-	-	228,000	
					TC	-	-	-	-	57,000	-	-	-	57,000	
					S	-	-	-	-	15,000	-	-	-	15,000	
					T					300,000				300,000	
				ROW	F	-	-	-	-	-	-	-	380,000	380,000	
					TC	-	-	-	-	-	-	-	95,000	95,000	
					S	-	-	-	-	-	-	-	25,000	25,000	
					T								500,000	500,000	
				Construction	F	-	-	-	-	-	-	-	5,016,000	5,016,000	Estimated Time of Completion 2027
					TC	-	-	-	-	-	-	-	1,254,000	1,254,000	
					S	-	-	-	-	-	-	-	330,000	330,000	
					T								6,600,000	6,600,000	
				Total Estimated Project Cost						215,536	-	-	300,000	-	7,100,000
UA > 1,000,000 Population (San Juan)						Grand Total	Total	3,692,415	58,780,684	41,618,031	48,008,061	21,875,000	291,100,000	465,074,191	-

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Legend:
 F - Federal Funds
 TC - Toll Credits Funds
 S - State /Local Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks	
							2017	2018	2019	2020				
Islandwide														
20	AC-000213 L00000213 MP-9999(215) ZP-20	Additional Funds for the Feasibility Study RFP - Improvements PR-2, Aguadilla - Mayaguez Corridor from its intersection with PR-107 Municipality of Aguadilla to its intersection with PR-114 Municipality of Mayaguez	Aguadilla - Mayaguez	NEPA	2014	F	367,650	-	-	-	-	-	367,650	
						TC	91,913	-	-	-	-	91,913		
						S	21,094	-	-	-	-	21,094		
						T	480,656	-	-	-	-	480,656		
				Pre-Engineering	2017	F	-	304,000	-	-	-	-	-	304,000
						TC	-	76,000	-	-	-	76,000		
						S	-	20,000	-	-	-	20,000		
						T	-	400,000	-	-	-	400,000		
				Design		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				ROW		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				Construction		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
Total Estimated Project Cost						480,656	400,000	-	-	-	-	880,656		
21	AC-301133 R000003333 MP-3-4(43) ZP-20	Additional Funds for the Feasibility Study RFP - Improvements PR-3 Rio Grande - Fajardo Corridor Including Access Management Plan from its intersection with PR-66 Municipality of Rio Grande to its intersection with PR-53 Municipality of Fajardo	Rio Grande - Fajardo	NEPA	2014	F	369,525	-	-	-	-	-	369,525	
						TC	92,381	-	-	-	-	92,381		
						S	21,094	-	-	-	-	21,094		
						T	483,000	-	-	-	-	483,000		
				Pre-Engineering	2017	F	-	608,000	-	-	-	-	-	608,000
						TC	-	152,000	-	-	-	152,000		
						S	-	40,000	-	-	-	40,000		
						T	-	800,000	-	-	-	800,000		
				Design		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				ROW		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
				Construction		F	-	-	-	-	-	-	-	-
						TC	-	-	-	-	-	-		
						S	-	-	-	-	-	-		
						T	-	-	-	-	-	-		
Total Estimated Project Cost						483,000	800,000	-	-	-	-	1,283,000		

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
22	AC-800477 L009999477 ZP-10, ZP-20, LP-1E	Pavement Rehabilitation and Reconstruction of Roads (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction 2017	F	-	18,398,949	-	-	-	-						
	TC	-	4,599,737	-	-	-	-						
	S	-	1,210,457	-	-	-	-						
	T	-	24,209,144	-	-	-	-						
Total Estimated Project Cost						-	24,209,144	-	-	-	-	24,209,144	
23	AC-800485 R009999485 ZP-10	Pavement Rehabilitation and Reconstruction of Roads (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction 2018	F	-	-	12,117,489	-	-	-						
	TC	-	-	3,029,372	-	-	-						
	S	-	-	797,203	-	-	-						
	T	-	-	15,944,065	-	-	-						
Total Estimated Project Cost						-	15,944,065	-	-	-	-	15,944,065	

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
24	AC-800511 R00999511 ZP-10, ZP-20, LP-1E	Pavement Rehabilitation and Reconstruction of Roads (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2019	F	-	-	-	-	-	-						
	TC	-	-	-	18,187,554	-	18,187,554						
	S	-	-	-	4,546,888	-	4,546,888						
	T	-	-	-	1,196,550	-	1,196,550						
Total Estimated Project Cost						-	-	-	23,930,992	-	23,930,992		
25	AC-800518 R00999518 ZP-10, ZP-20	Pavement Rehabilitation and Reconstruction of Roads (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2020	F	-	-	-	-	16,473,030	16,473,030						
	TC	-	-	-	-	4,118,258	4,118,258						
	S	-	-	-	-	1,083,752	1,083,752						
	T	-	-	-	-	21,675,040	21,675,040						
Total Estimated Project Cost						-	-	-	21,675,040	-	21,675,040		

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 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks	
							2017	2018	2019	2020				
26	AC-900123 L009000123 ZP-10	SPR-54 - State Planning and Research Program (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-			
					S	-	-	-	-	-	-			
					T	-	-	-	-	-	-			
				Planning	2017	F	17,224,756	4,560,000	-	-	-	-	21,784,756	A Carry Forward Amount of \$21,530,944.55 from SPR-53 has been allocated.
					TC	4,306,189	1,140,000	-	-	-	-	5,446,189		
					S	-	300,000	-	-	-	-	300,000		
					T	21,530,945	6,000,000	-	-	-	-	27,530,945		
				Design	F	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	
					T	-	-	-	-	-	-	-	-	
				ROW	F	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	
T	-	-	-		-	-	-	-	-					
Construction	F	-	-	-	-	-	-	-	-					
	TC	-	-	-	-	-	-	-	-					
	S	-	-	-	-	-	-	-	-					
	T	-	-	-	-	-	-	-	-					
Total Estimated Project Cost						21,530,945	6,000,000	-	-	-	-	27,530,945		
27	AC-900128 L0090000128 ZP-10	SPR-55 - State Planning and Research Program (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-			
					S	-	-	-	-	-	-			
					T	-	-	-	-	-	-			
				Planning	2018	F	-	4,560,000	-	-	-	4,560,000		
					TC	-	1,140,000	-	-	-	1,140,000			
					S	-	300,000	-	-	-	300,000			
					T	-	6,000,000	-	-	-	6,000,000			
				Design	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-		
T	-	-	-		-	-	-	-						
Construction	F	-	-	-	-	-	-	-						
	TC	-	-	-	-	-	-	-						
	S	-	-	-	-	-	-	-						
	T	-	-	-	-	-	-	-						
Total Estimated Project Cost						-	6,000,000	-	-	-	6,000,000			

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
28	AC-900132 L0090000132 ZP-10	SPR-56 - State Planning and Research Program (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Planning	2019	F	-	-	4,560,000	-	-	-	4,560,000
					TC	-	-	1,140,000	-	-	-	1,140,000	
					S	-	-	300,000	-	-	-	300,000	
					T	-	-	6,000,000	-	-	-	6,000,000	
				Design	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
					T	-	-	-	-	-	-	-	
				ROW	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
T	-	-	-		-	-	-	-					
Construction	F	-	-	-	-	-	-	-					
	TC	-	-	-	-	-	-	-					
	S	-	-	-	-	-	-	-					
	T	-	-	-	-	-	-	-					
Total Estimated Project Cost						-	-	-	6,000,000	-	-	6,000,000	
29	AC-900134 L0090000134 ZP-10	SPR-57 - State Planning and Research Program (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Planning	2020	F	-	-	-	4,560,000	-	-	4,560,000
					TC	-	-	-	-	1,140,000	-	-	1,140,000
					S	-	-	-	-	300,000	-	-	300,000
					T	-	-	-	-	6,000,000	-	-	6,000,000
				Design	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
					T	-	-	-	-	-	-	-	
				ROW	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
T	-	-	-		-	-	-	-					
Construction	F	-	-	-	-	-	-	-					
	TC	-	-	-	-	-	-	-					
	S	-	-	-	-	-	-	-					
	T	-	-	-	-	-	-	-					
Total Estimated Project Cost						-	-	-	6,000,000	-	-	6,000,000	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
30	AC-800474 B009999474 ZP-10, ZP-20	Rehabilitation and Replacement of Bridges (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	64,000	-	-	-	64,000		
					TC	-	16,000	-	-	-	16,000		
					S	-	-	-	-	-	-		
T	-	80,000	-		-	-	80,000						
Construction	F	-	9,959,640	-	-	-	9,959,640						
	TC	-	2,489,910	-	-	-	2,489,910						
	S	-	659,450	-	-	-	659,450						
	T	-	13,109,000	-	-	-	13,109,000						
Total Estimated Project Cost						-	13,189,000	-	-	-	-	13,189,000	
31	AC-800486 B009999486 ZP-10, ZP-20, LP-1E	Rehabilitation and Replacement of Bridges (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	794,200	-	-	794,200		
					TC	-	-	198,550	-	-	198,550		
					S	-	-	52,250	-	-	52,250		
					T	-	-	1,045,000	-	-	1,045,000		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	6,285,960	-	-	6,285,960						
	TC	-	-	1,571,490	-	-	1,571,490						
	S	-	-	413,550	-	-	413,550						
	T	-	-	8,271,000	-	-	8,271,000						
Total Estimated Project Cost						-	9,316,000	-	-	-	9,316,000		

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
32	AC-800512 B009999512 ZP-20	Rehabilitation and Replacement of Bridges (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	2,280,000	-	-	2,280,000		
					TC	-	-	570,000	-	-	570,000		
					S	-	-	150,000	-	-	150,000		
					T	-	-	3,000,000	-	-	3,000,000		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	7,833,320	-	-	7,833,320						
	TC	-	-	1,958,330	-	-	1,958,330						
	S	-	-	515,350	-	-	515,350						
	T	-	-	10,307,000	-	-	10,307,000						
Total Estimated Project Cost						-	-	-	13,307,000	-	-	13,307,000	
33	AC-800516 B009999516 ZP-10, ZP-20	Rehabilitation and Replacement of Bridges (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	-	9,492,400	-	9,492,400						
	TC	-	-	-	2,373,100	-	2,373,100						
	S	-	-	-	624,500	-	624,500						
	T	-	-	-	12,490,000	-	12,490,000						
Total Estimated Project Cost						-	-	-	12,490,000	-	-	12,490,000	

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
34	AC-800475 B009999475 ZP-20	Systematic Bridges Preservation Program (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	2017	F	-	760,000	-	-	-	-	-	760,000	Please See Appendix A for Project List		
	TC	-	-	190,000	-	-	-	-	-	190,000			
	S	-	-	50,000	-	-	-	-	-	50,000			
	T	-	-	1,000,000	-	-	-	-	-	1,000,000			
Total Estimated Project Cost						-	1,000,000	-	-	-		-	1,000,000
35	AC-800487 B009999487 ZP-20	Systematic Bridges Preservation Program (2018)	Islandwide	NEPA	F	-	-	-	-	-		-	-
					TC	-	-	-	-	-		-	
					S	-	-	-	-	-		-	
					T	-	-	-	-	-		-	
				Pre-Engineering	F	-	-	-	-	-		-	
					TC	-	-	-	-	-		-	
					S	-	-	-	-	-		-	
					T	-	-	-	-	-		-	
				Design	F	-	-	-	-	-		-	
					TC	-	-	-	-	-		-	
					S	-	-	-	-	-		-	
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	2018	F	-	-	1,591,440	-	-	-	-	1,591,440			
	TC	-	-	-	397,860	-	-	-	-	397,860			
	S	-	-	-	104,700	-	-	-	-	104,700			
	T	-	-	-	2,094,000	-	-	-	-	2,094,000			
Total Estimated Project Cost						-	-	2,094,000	-	-	-	2,094,000	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks		
							2017	2018	2019	2020					
36	AC-900124 B009000124 ZP-10, ZP-20, LP-1E	Bridge Critical Findings (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	Please See Appendix A for Project List		
					TC	-	-	-	-	-	-				
					S	-	-	-	-	-	-				
					T	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-		-	-
					TC	-	-	-	-	-	-	-		-	-
					S	-	-	-	-	-	-	-		-	-
					T	-	-	-	-	-	-	-		-	-
				Design	F	-	-	-	-	-	-	-		-	-
					TC	-	-	-	-	-	-	-		-	-
					S	-	-	-	-	-	-	-		-	-
					T	-	-	-	-	-	-	-		-	-
				ROW	F	-	311,600	-	-	-	-	-		-	311,600
					TC	-	77,900	-	-	-	-	-		-	77,900
					S	-	20,500	-	-	-	-	-		-	20,500
T	-	410,000	-		-	-	-	-	-	410,000					
Construction	F	-	427,120	-	-	-	-	-	-	427,120					
	TC	-	106,780	-	-	-	-	-	-	106,780					
	S	-	28,100	-	-	-	-	-	-	28,100					
	T	-	562,000	-	-	-	-	-	-	562,000					
Total Estimated Project Cost						-	972,000	-	-	-	-	972,000			
37	AC-900129 B009000129 ZP-10, ZP-20, LP-1E	Bridge Critical Findings (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	Please See Appendix A for Project List		
					TC	-	-	-	-	-	-				
					S	-	-	-	-	-	-				
					T	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-		-	-
					TC	-	-	-	-	-	-	-		-	-
					S	-	-	-	-	-	-	-		-	-
					T	-	-	-	-	-	-	-		-	-
				Design	F	-	-	56,240	-	-	-	-		-	56,240
					TC	-	-	14,060	-	-	-	-		-	14,060
					S	-	-	3,700	-	-	-	-		-	3,700
					T	-	-	74,000	-	-	-	-		-	74,000
				ROW	F	-	-	-	-	-	-	-		-	-
					TC	-	-	-	-	-	-	-		-	-
					S	-	-	-	-	-	-	-		-	-
T	-	-	-		-	-	-	-	-	-					
Construction	F	-	-	4,707,440	-	-	-	-	-	4,707,440					
	TC	-	-	1,176,860	-	-	-	-	-	1,176,860					
	S	-	-	309,700	-	-	-	-	-	309,700					
	T	-	-	6,194,000	-	-	-	-	-	6,194,000					
Total Estimated Project Cost						-	6,268,000	-	-	-	-	6,268,000			

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
38	AC-900133 B009000133 ZP-20	Bridge Critical Findings (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	-	2,128,000	-	-						
	TC	-	-	-	532,000	-	-						
	S	-	-	-	140,000	-	-						
	T	-	-	-	2,800,000	-	-						
Total Estimated Project Cost						-	-	-	2,800,000	-	-	2,800,000	
39	AC-900135 B009000135 ZP-10, ZP-20	Bridge Critical Findings (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	-	-	2,731,440	-						
	TC	-	-	-	-	682,860	-						
	S	-	-	-	-	179,700	-						
	T	-	-	-	-	3,594,000	-						
Total Estimated Project Cost						-	-	-	3,594,000	-	-	3,594,000	

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 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
40	AC-990134 L009900134 ZP-30	Upgrade of Safety Devices in the Highway System (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2017	F	-	3,800,000	-	-	-	3,800,000						
	TC	-	950,000	-	-	-	950,000						
	S	-	250,000	-	-	-	250,000						
	T	-	5,000,000	-	-	-	5,000,000						
Total Estimated Project Cost						-	5,000,000	-	-	-	-	5,000,000	
41	AC-990144 L009900149 ZP-30	Upgrade of Safety Devices in the Highway System (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2018	F	-	-	2,682,800	-	-	2,682,800						
	TC	-	-	670,700	-	-	670,700						
	S	-	-	176,500	-	-	176,500						
	T	-	-	3,530,000	-	-	3,530,000						
Total Estimated Project Cost						-	3,530,000	-	-	-	-	3,530,000	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
42	AC-990155 L009900155 ZP-30	Upgrade of Safety Devices in the Highway System (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-				
					TC	-	-	-	-	-	-					
					S	-	-	-	-	-	-					
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
				Design	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
															Please See Appendix B for Project List	
				ROW	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
Construction 2019	F	-	-	-	-	3,169,200	-	-	-	-	3,169,200					
	TC	-	-	-	-	792,300	-	-	-	-	792,300					
	S	-	-	-	-	208,500	-	-	-	-	208,500					
	T	-	-	-	-	4,170,000	-	-	-	-	4,170,000					
Total Estimated Project Cost						-	-	-	4,170,000	-	-	4,170,000				
43	AC-800519 L009900156 ZP-30	Upgrade of Safety Devices in the Highway System (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-				
					TC	-	-	-	-	-	-	-	-			
					S	-	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
				Design	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
															Please See Appendix B for Project List	
				ROW	F	-	-	-	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	-	
Construction 2020	F	-	-	-	-	-	3,708,800	-	-	-	3,708,800					
	TC	-	-	-	-	-	927,200	-	-	-	927,200					
	S	-	-	-	-	-	244,000	-	-	-	244,000					
	T	-	-	-	-	-	4,880,000	-	-	-	4,880,000					
Total Estimated Project Cost						-	-	-	4,880,000	-	-	4,880,000				

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							2017	2018	2019	2020			
44	AC-992476 B009924076 ZP-20	Bridge Inventory System NBIS (33) (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	1,424,970	-	-	-	-		
					TC	-	356,243	-	-	-	-		
					S	-	93,748	-	-	-	-		
					T	-	1,874,961	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	-	-	-	-						
	TC	-	-	-	-	-	-						
	S	-	-	-	-	-	-						
	T	-	-	-	-	-	-						
Total Estimated Project Cost						-	1,874,961	-	-	-	-	1,874,961	
45	AC-992477 B009924077 ZP-20	Bridge Inventory System NBIS (34) (2019)	Islandwide	NEPA	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	1,361,267	-	-	-		
					TC	-	-	340,317	-	-	-		
					S	-	-	89,557	-	-	-		
					T	-	-	1,791,141	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	-	-	-	-						
	TC	-	-	-	-	-	-						
	S	-	-	-	-	-	-						
	T	-	-	-	-	-	-						
Total Estimated Project Cost						-	-	1,791,141	-	-	-	1,791,141	

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 F - Federal Funds
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							2017	2018	2019	2020			
46	AC-992478 B009924078 ZP-20	Bridge Inventory System NBIS (35) (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Design	F	-	-	1,330,000	-	1,330,000			
					TC	-	-	332,500	-	332,500			
					S	-	-	87,500	-	87,500			
					T	-	-	1,750,000	-	1,750,000			
				ROW	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
T	-	-	-		-	-							
Construction	F	-	-	-	-	-							
	TC	-	-	-	-	-							
	S	-	-	-	-	-							
	T	-	-	-	-	-							
Total Estimated Project Cost						-	-	-	1,750,000	-	-	1,750,000	
47	AC-992479 B009924079 ZP-20	Bridge Inventory System NBIS (36) (2021)	Islandwide	NEPA	F	-	-	-	-	-	-		
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Pre-Engineering	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
					T	-	-	-	-	-			
				Design	F	-	-	-	1,520,000	1,520,000			
					TC	-	-	-	380,000	380,000			
					S	-	-	-	100,000	100,000			
					T	-	-	-	2,000,000	2,000,000			
				ROW	F	-	-	-	-	-			
					TC	-	-	-	-	-			
					S	-	-	-	-	-			
T	-	-	-		-	-							
Construction	F	-	-	-	-	-							
	TC	-	-	-	-	-							
	S	-	-	-	-	-							
	T	-	-	-	-	-							
Total Estimated Project Cost						-	-	-	2,000,000	-	-	2,000,000	

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 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
48	AC-990133 L009900133 ZP-20	Intelligent Transportation System (ITS) (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	684,000	-	-	-	684,000						
	TC	-	171,000	-	-	-	171,000						
	S	-	45,000	-	-	-	45,000						
	T	-	900,000	-	-	-	900,000						
Total Estimated Project Cost						-	900,000	-	-	-	900,000		
49	AC-990146 L009900146 ZP-20	Intelligent Transportation System (ITS) (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	1,805,000	-	-	1,805,000		
					TC	-	-	451,250	-	-	451,250		
					S	-	-	118,750	-	-	118,750		
					T	-	-	2,375,000	-	-	2,375,000		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	-	-	-	-	-						
	TC	-	-	-	-	-	-						
	S	-	-	-	-	-	-						
	T	-	-	-	-	-	-						
Total Estimated Project Cost						-	2,375,000	-	-	-	2,375,000		

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
50	AC-990153 L009900153 ZP-20	Intelligent Transportation System (ITS) (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	-	-	2,584,000	-	-						
	TC	-	-	-	646,000	-	-						
	S	-	-	-	170,000	-	-						
	T	-	-	-	3,400,000	-	-						
Total Estimated Project Cost						-	-	-	3,400,000	-	-	3,400,000	
51	AC-990156 L009900156 ZP-20	Intelligent Transportation System (ITS) (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	4,360,000	-		
					TC	-	-	-	-	1,090,000	-		
					S	-	-	-	-	286,842	-		
					T	-	-	-	-	5,736,842	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	-	-	-	-	-						
	TC	-	-	-	-	-	-						
	S	-	-	-	-	-	-						
	T	-	-	-	-	-	-						
Total Estimated Project Cost						-	-	-	5,736,842	-	-	5,736,842	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
52	AC-990135 L009900135 ZP-30	Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and Geometric Safety Improvements Projects (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	760,000	-	-	-	-		
					TC	-	190,000	-	-	-	-		
					S	-	50,000	-	-	-	-		
					T	-	1,000,000	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	15,561,000	-	-	-	-						
	TC	-	3,890,250	-	-	-	-						
	S	-	1,023,750	-	-	-	-						
	T	-	20,475,000	-	-	-	-						
Total Estimated Project Cost						-	21,475,000	-	-	-	-	21,475,000	
53	AC-990145 L009900145 ZP-30	Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and Geometric Safety Improvements Projects (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	760,000	-	-	-		
					TC	-	-	190,000	-	-	-		
					S	-	-	50,000	-	-	-		
					T	-	-	1,000,000	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
T	-	-	-		-	-	-						
Construction	F	-	-	13,334,413	-	-	-						
	TC	-	-	3,333,603	-	-	-						
	S	-	-	877,264	-	-	-						
	T	-	-	17,545,280	-	-	-						
Total Estimated Project Cost						-	-	18,545,280	-	-	-	18,545,280	

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 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
54	AC-800514 L009999514 ZP-30	Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and Geometric Safety Improvements Projects (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	760,000	-	-	760,000		
					TC	-	-	190,000	-	-	190,000		
					S	-	-	50,000	-	-	50,000		
					T	-	-	1,000,000	-	-	1,000,000		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2019	F	-	-	17,328,000	-	-	17,328,000						
	TC	-	-	4,332,000	-	-	4,332,000						
	S	-	-	1,140,000	-	-	1,140,000						
	T	-	-	22,800,000	-	-	22,800,000						
Total Estimated Project Cost						-	-	-	23,800,000	-	-	23,800,000	
55	AC-800521 L009999521 ZP-30	Islandwide Roadwide Traffic Signals, Pavement Marking, Signing and Geometric Safety Improvements Projects (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	760,000	-	760,000		
					TC	-	-	-	190,000	-	190,000		
					S	-	-	-	50,000	-	50,000		
					T	-	-	-	1,000,000	-	1,000,000		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2020	F	-	-	-	18,473,408	-	18,473,408						
	TC	-	-	-	4,618,352	-	4,618,352						
	S	-	-	-	1,215,356	-	1,215,356						
	T	-	-	-	24,307,116	-	24,307,116						
Total Estimated Project Cost						-	-	-	25,307,116	-	-	25,307,116	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
56	AC-800492 L009999492 ZP-30	Implementation of Strategic Highway Safety Plan (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	380,000	-	-	-	-	380,000	Please See Appendix B for Project List
					TC	-	95,000	-	-	-	-	95,000	
					S	-	25,000	-	-	-	-	25,000	
					T	-	500,000	-	-	-	-	500,000	
				ROW	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
T	-	-	-		-	-	-	-					
Construction	F	-	3,420,000	-	-	-	-	3,420,000					
	TC	-	855,000	-	-	-	-	855,000					
	S	-	225,000	-	-	-	-	225,000					
	T	-	4,500,000	-	-	-	-	4,500,000					
Total Estimated Project Cost						-	5,000,000	-	-	-	-	5,000,000	
57	AC-800493 L009999493 ZP-30	Implementation of Strategic Highway Safety Plan (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
					T	-	-	-	-	-	-		
				Design	F	-	-	380,000	-	-	-	380,000	Please See Appendix B for Project List
					TC	-	-	95,000	-	-	-	95,000	
					S	-	-	25,000	-	-	-	25,000	
					T	-	-	500,000	-	-	-	500,000	
				ROW	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	
T	-	-	-		-	-	-	-					
Construction	F	-	-	1,900,000	-	-	-	1,900,000					
	TC	-	-	475,000	-	-	-	475,000					
	S	-	-	125,000	-	-	-	125,000					
	T	-	-	2,500,000	-	-	-	2,500,000					
Total Estimated Project Cost						-	3,000,000	-	-	-	-	3,000,000	

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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
58	AC-800515 L009999515 ZP-30	Implementation of Strategic Highway Safety Plan (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-				
					S	-	-	-	-	-	-	-				
					T	-	-	-	-	-	-	-				
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	380,000	-	-	-	-	-	380,000	Please See Appendix B for Project List
					TC	-	-	-	95,000	-	-	-	-	-	95,000	
					S	-	-	-	25,000	-	-	-	-	-	25,000	
					T	-	-	-	500,000	-	-	-	-	-	500,000	
				ROW	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-		-	-	-	-	-	-	-	-				
T	-	-	-		-	-	-	-	-	-	-	-				
Construction	F	-	-	-	4,012,800	-	-	-	-	-	4,012,800					
	TC	-	-	-	1,003,200	-	-	-	-	-	1,003,200					
	S	-	-	-	264,000	-	-	-	-	-	264,000					
	T	-	-	-	5,280,000	-	-	-	-	-	5,280,000					
Total Estimated Project Cost						-	-	-	5,780,000	-	-	5,780,000				
59	AC-800520 L009999520 ZP-30	Implementation of Strategic Highway Safety Plan (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-	-		
					T	-	-	-	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	-	-	637,792	-	-	-	637,792	Please See Appendix B for Project List
					TC	-	-	-	-	-	159,448	-	-	-	159,448	
					S	-	-	-	-	-	41,960	-	-	-	41,960	
					T	-	-	-	-	-	839,200	-	-	-	839,200	
				ROW	F	-	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-	-
S	-	-	-		-	-	-	-	-	-	-	-				
T	-	-	-		-	-	-	-	-	-	-	-				
Construction	F	-	-	-	-	-	3,420,000	-	-	-	3,420,000					
	TC	-	-	-	-	-	855,000	-	-	-	855,000					
	S	-	-	-	-	-	225,000	-	-	-	225,000					
	T	-	-	-	-	-	4,500,000	-	-	-	4,500,000					
Total Estimated Project Cost						-	-	-	5,339,200	-	-	5,339,200				

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							2017	2018	2019	2020			
60	AC-990151 L009900151 ZP-40, ZP-50	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP- Eligible Activities) (2017)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	2,888,000	-	-	-	2,888,000						
	TC	-	722,000	-	-	-	722,000						
	S	-	190,000	-	-	-	190,000						
	T	-	3,800,000	-	-	-	3,800,000						
Total Estimated Project Cost						-	3,800,000	-	-	-	-	3,800,000	
61	AC-990152 L009900152 ZP-40, ZP-50	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP- Eligible Activities) (2018)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction	F	-	-	2,888,000	-	-	2,888,000						
	TC	-	-	722,000	-	-	722,000						
	S	-	-	190,000	-	-	190,000						
	T	-	-	3,800,000	-	-	3,800,000						
Total Estimated Project Cost						-	3,800,000	-	-	-	-	3,800,000	

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 TRANSPORTATION IMPROVEMENT PROGRAM
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Legend:
 F - Federal Funds
 TC - Toll Credits Funds
 S - State /Local Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks
							2017	2018	2019	2020			
62	AC-990154 L009900154 ZP-40, ZP-50	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP- Eligible Activities) (2019)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2019	F	-	-	2,888,000	-	-	2,888,000						
	TC	-	-	722,000	-	-	722,000						
	S	-	-	190,000	-	-	190,000						
	T	-	-	3,800,000	-	-	3,800,000						
Total Estimated Project Cost						-	-	-	3,800,000	-	-	3,800,000	
63	AC-990157 L009900157 ZP-40, ZP-50	Highway Safety Improvements - Puerto Rico Section 154 and 164 Penalty (HSIP- Eligible Activities) (2020)	Islandwide	NEPA	F	-	-	-	-	-	-	-	
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Pre-Engineering	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				Design	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
				ROW	F	-	-	-	-	-	-		
					TC	-	-	-	-	-	-		
					S	-	-	-	-	-	-		
					T	-	-	-	-	-	-		
Construction 2020	F	-	-	-	2,888,000	-	2,888,000						
	TC	-	-	-	722,000	-	722,000						
	S	-	-	-	190,000	-	190,000						
	T	-	-	-	3,800,000	-	3,800,000						
Total Estimated Project Cost						-	-	-	3,800,000	-	-	3,800,000	

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Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
64	AC-800480 L009999480 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	NEPA	2017	-	285,000	-	-	-	-	285,000				
						-	71,250	-	-	-	71,250					
						-	18,750	-	-	-	18,750					
						-	375,000	-	-	-	375,000					
				Pre-Engineering		-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
				Design		-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
				ROW		-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
				Construction		-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
						-	-	-	-	-	-	-	-	-	-	
Total Estimated Project Cost						-	375,000	-	-	-	-	375,000				
Islandwide Total						22,494,601	84,995,105	72,663,486	88,737,992	90,822,198	-	359,713,382				

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Legend:
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks	
							2017	2018	2019	2020				
65	AC-TBD	Toll Credits to be used for Change Orders and Extra Work Orders - Availability of funds provided by the Deobligation of Projects	Islandwide	NEPA	2017	F	-	-	-	-	-	-	-	
					TC	-	500,000	-	-	-	-	500,000		
					S	-	-	-	-	-	-	-		
					T	-	500,000	-	-	-	-	500,000		
				Pre-Engineering	2017	F	-	-	-	-	-	-	-	-
					TC	-	500,000	-	-	-	-	500,000		
					S	-	-	-	-	-	-	-		
					T	-	500,000	-	-	-	-	500,000		
				Design	2017	F	-	-	-	-	-	-	-	
					TC	-	500,000	-	-	-	-	500,000		
					S	-	-	-	-	-	-	-		
					T	-	500,000	-	-	-	-	500,000		
				ROW	2017	F	-	-	-	-	-	-	-	
					TC	-	500,000	-	-	-	-	500,000		
					S	-	-	-	-	-	-	-		
					T	-	500,000	-	-	-	-	500,000		
				Construction	2017	F	-	-	-	-	-	-	-	
					TC	-	6,000,000	-	-	-	-	6,000,000		
					S	-	-	-	-	-	-	-		
					T	-	6,000,000	-	-	-	-	6,000,000		
Total Estimated Project Cost						-	8,000,000	-	-	-	-	8,000,000		

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 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 Núm. # / Fed # / Program Code	Description	Town	Phase	STIP Year	Fed. Past Obligations / Locally Funded	STIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
						2017	2018	2019	2020						
ISLANDWIDE EMERGENCY RELIEF PROJECT - HEAVY RAINS OF MARCH 2012															
2	AC-100081 R00010181 ER-10(72) ER-90	Reconstruction of PR-10, kms. 59.4, 60.4, 60.9, 61.1	Utuado	NEPA	F	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-				
					S	-	-	-	-	-	-				
							T								
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-	-
							T								
				Design	2014	F	516,730	-	-	-	-	-	-	516,730	
						TC	-	-	-	-	-	-	-	-	-
						S	164,080	-	-	-	-	-	-	164,080	
						T	680,810							680,810	
				ROW	2017	F	-	160,000	-	-	-	-	-	160,000	
						TC	-	-	-	-	-	-	-	-	-
						S	-	40,000	-	-	-	-	-	40,000	
	T		200,000							200,000					
Construction	2018	F	-	-	8,518,984	-	-	-	-	8,518,984	The \$3,189,871.20 available in the ER-90 fund will be used. Additional funds of \$7,458,859 is programmed in the STIP for FY 2018.				
		TC	-	-	-	-	-	-	-	-					
		S	-	-	2,129,746	-	-	-	-	2,129,746					
		T			10,648,730					10,648,730					
Total Estimated Project Cost						680,810	200,000	10,648,730	-	-	-	11,529,540			
3	AC-111131 R000111131 ER-111(29) ER-90	Reconstruction of PR-111, Kms. 4.0, 4.2	Utuado	NEPA	F	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-				
					S	-	-	-	-	-	-				
							T								
				Pre-Engineering	TC	163,666	-	-	-	-	-	-	-	163,666	
					S	40,917	-	-	-	-	-	-	-	40,917	
					T	204,583								204,583	
				Design	TC	-	-	-	-	-	-	-	-	-	
					S	-	-	-	-	-	-	-	-	-	
					T										
					ROW	2017	F	646	-	-	-	-	-	-	646
						TC	162	-	-	-	-	-	-	162	
						S	-	-	-	-	-	-	-	-	
						T	808							808	
				Construction	2017	F	-	1,834,507	-	-	-	-	-	1,834,507	
	TC	-	-		-	-	-	-	-	-					
	S	-	451,483		-	-	-	-	-	451,483					
	T		2,285,990							2,285,990					
Total Estimated Project Cost						205,391	2,285,990	-	-	-	-	2,491,381			

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 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017-2020**
 ISLANDWIDE EMERGENCY RELIEF PROJECT - HEAVY RAINS OF MARCH 2012

Legend:
 F - Federal Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	STIP Year	Fed. Past Obligations / Locally Funded	STIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
							2017	2018	2019	2020						
4	AC-111133 R000111133 ER-90	Reconstruction PR-111 kms. 10.8, 5.7, 12.5	Utuado	NEPA		F	-	-	-	-	-	-	-			
						TC	-	-	-	-	-	-				
						S	-	-	-	-	-	-				
								T								
				Pre-Engineering		F	-	-	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-				
						S	-	-	-	-	-	-				
								T								
				Design		F	-	-	-	-	-	-	-	-		
						TC	-	-	-	-	-	-				
						S	-	-	-	-	-	-				
								T								
				ROW	2017	F	-	20,000	-	-	-	-	-	20,000		
						TC	-	-	-	-	-	-				
						S	-	5,000	-	-	-	5,000				
T		25,000						25,000								
Construction	2018	F	-	-	579,405	-	-	-	579,405							
		TC	-	-	-	-	-									
		S	-	-	142,595	-	-	142,595								
		T			722,000			722,000								
Total Estimated Project Cost						-	25,000	722,000	-	-	-	747,000				

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 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017-2020**
EARMARK SECTION 1934

Legend:
 F - Federal Funds
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 T - Total Funds

AC-Code / Oracle Núm. # / Fed # / Program Code	Description	Town	Phase	STIP Year	Fed. Past Obligations / Locally Funded	STIP Fiscal Year				Future Investment	Total Est. Cost	Remarks			
						2017	2018	2019	2020						
EARMARK SECTION 1934															
5	AC-111123 S000111123 EARMARK 9999(133)	Moca	NEPA		F	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-				
					S	-	-	-	-	-	-				
					T										
				Pre-Engineering	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-	-	To be completed with state funds	
					S	429,664	-	-	-	-	-	429,664			
				T	429,664						429,664				
				Design	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-		
					T										
				ROW	2019	F	-	-	-	1,521,126	-	-	-	1,521,126	
						TC	-	-	-	380,281	-	-	-	380,281	
						S	-	-	-	-	-	-	-	-	
		T				1,901,407				1,901,407					
	Construction	2020	F	-	-	-	-	4,570,676	-	-	4,570,676				
			TC	-	-	-	-	1,142,669	-	-	1,142,669				
			S	-	-	-	-	300,702	-	-	300,702				
		T					6,014,048			6,014,048					
Total Estimated Project Cost						429,664	-	-	1,901,407	6,014,048	-	8,345,119			
6	AC-992201 Y009922001 EARMARK 9999(129)	Las Piedras	NEPA		F	-	-	-	-	-	-	-			
					TC	-	-	-	-	-	-	-			
					S	-	-	-	-	-	-				
					T										
				Pre-Engineering	F	-	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-	-	-		
					S	-	-	-	-	-	-	-	-		
					T										
				Design	2018	F	-	-	-	-	-	-	-	-	Design will be completed in-house
						TC	-	-	-	-	-	-	-	-	
						S	-	-	-	-	-	-	-	-	
					T										
				ROW	2018	F	-	-	-	-	-	-	-	-	
						TC	-	-	-	-	-	-	-	-	
						S	-	-	-	-	-	-	-	-	
		T													
	Construction	2018	F	-	-	1,856,838	-	-	-	-	1,856,838				
			TC	-	-	464,210	-	-	-	-	464,210				
			S	-	-	122,160	-	-	-	-	122,160				
		T			2,443,208					2,443,208					
Total Estimated Project Cost						-	-	2,443,208	-	-	-	2,443,208			

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 TRANSPORTATION IMPROVEMENT PROGRAM
 FISCAL YEARS 2017-2020**
EARMARK SECTION 1934

Legend:
 F - Federal Funds
 TC - Toll Credits Funds
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Núm.	AC-Code / Oracle # / Fed # / Program Code	Description	Town	Phase	STIP Year	Fed. Past Obligations / Locally Funded	STIP Fiscal Year				Future Investment	Total Est. Cost	Remarks					
							2017	2018	2019	2020								
7	AC-083503 Y000835003 EARMARK 835(1)	Construction of Bypass and Widening PR-835	Guaynabo	NEPA		F	-	-	-	-	-	-	-					
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Pre-Engineering		F	-	-	-	-	-	-	-		-	-	-	To be completed by the municipality
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Design		F	-	-	-	-	-	-	-		-	-	-	
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				ROW		F	-	-	-	-	-	-	-		-	-	-	To be completed by the municipality
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Construction	2019	F	-	-	-	5,713,346	-	-	-		-	5,713,346	-	
						TC	-	-	-	1,428,336	-	-	-		-	1,428,336	-	
S	-	-	-			375,878	-	-	-	-	375,878	-						
Total Estimated Project Cost						-	-	-	7,517,560	-	-	7,517,560						
8	AC-093001 R000930001 QNH30(18) Q920	Reconstrucion of the PR-9030 Eastabout Ramp	Gurabo	NEPA		F	-	-	-	-	-	-	-	In-house				
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Pre-Engineering		F	-	-	-	-	-	-	-		-	-	-	
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Design	2016	F	-	-	-	-	-	-	-		-	-	-	To be completed with state funds
						TC	-	-	-	-	-	-						
						S	44,480	-	-	-	-	44,480						
				ROW		F	-	-	-	-	-	-	-		-	-	-	Project previously authroized in 2013-2014 Unobligated Earmark balance of \$2,525,352 of DEMO Project PR003 (Q920 Code) will be reassigned to this project.
						TC	-	-	-	-	-	-						
						S	-	-	-	-	-	-						
				Construction	2014 2017	F	3,275,196	945,805	-	-	-	-	-		-	4,221,000	-	
TC	818,799	236,451	-			-	-	-	-	-	1,055,250	-						
S	215,473	62,224	-			-	-	-	-	-	277,697	-						
Total Estimated Project Cost						4,353,948	1,244,480	-	-	-	-	5,598,428						

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 FISCAL YEARS 2017-2020**
FEDERAL LANDS AGREEMENT

Legend:
 F - Federal Funds
 TC - Toll Credits Funds
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 T - Total Funds

AC-Code / Oracle Núm. # / Fed # / Program Code	Description	Town	Phase	TIP Year	Fed. Past Obligations / Locally Funded	TIP Fiscal Year				Future Investment	Total Est. Cost	Remarks		
						2017	2018	2019	2020					
FEDERAL LANDS AGREEMENT														
9	AC-Pend ERFO	ERFO to repair four sites with the El Yunque	Rio Grande	NEPA	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-			
					S	-	-	-	-	-	-			
					T	-	-	-	-	-	-			
				Pre-Engineering	F	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-
				Design	F	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-
				ROW	F	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-
Construction	F	-	-	-	-	3,800,000	-	-	-	3,800,000				
	TC	-	-	-	-	950,000	-	-	-	950,000				
	S	-	-	-	-	250,000	-	-	-	250,000				
	T	-	-	-	-	5,000,000	-	-	-	5,000,000				
Total Estimated Project Cost						-	-	-	5,000,000	-	-	5,000,000		
10	AC-Pend	Vieques National Wildlife Refuge - Rehabilitate Route 100, Caracas (Red) beach parking area.	Vieques	NEPA	F	-	-	-	-	-	-	-		
					TC	-	-	-	-	-	-			
					S	-	-	-	-	-	-			
					T	-	-	-	-	-	-			
				Pre-Engineering	F	-	380,000	-	-	-	-	-	-	380,000
					TC	-	95,000	-	-	-	-	-	-	95,000
					S	-	25,000	-	-	-	-	-	-	25,000
					T	-	500,000	-	-	-	-	-	-	500,000
				Design	F	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-
				ROW	F	-	-	-	-	-	-	-	-	-
					TC	-	-	-	-	-	-	-	-	-
					S	-	-	-	-	-	-	-	-	-
					T	-	-	-	-	-	-	-	-	-
Construction	F	-	-	-	-	-	-	-	-	-				
	TC	-	-	-	-	-	-	-	-	-				
	S	-	-	-	-	-	-	-	-	-				
	T	-	-	-	-	-	-	-	-	-				
Total Estimated Project Cost						-	500,000	-	-	-	-	500,000		

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**
FEDERAL LANDS AGREEMENT

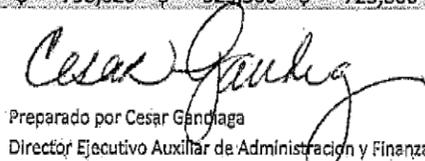
Legend:
 F - Federal Funds
 TC - Toll Credits Funds
 S - State /Local Funds
 T - Total Funds

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

PUERTO RICO HIGHWAY AND TRANSPORTATION AUTHORITY
INVESTMENT PROGRAM (IN THOUSANDS)

RESOURCES					
	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020
1 GASOLINE TAX REVENUE	\$ 158,000	-	\$ 146,000	\$ 145,000	\$ 146,000
2 DIESEL OIL TAXES	9,000	-	12,000	12,000	12,000
3 MOTOR VEHICLE LICENSE FEES	92,600	60,000	93,000	93,000	93,000
4 TOLL REVENUES	128,400	128,000	137,000	138,000	140,000
5 PETROLEUM TAX REVENUE	177,220	140,000	135,000	126,000	126,000
6 CIGARETTE TAXES	20,000	20,000	20,000	20,000	20,000
7 INVESTMENT INCOME	10,000	-	-	-	-
8 TOTAL REVENUES FROM TAXES AND INTEREST	595,220	348,000	543,000	534,000	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	10,000	-	-	-	-
13 TOTAL FEDERAL AND LOCAL FUNDS	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	\$ 798,020	\$ 523,300	\$ 723,806	\$ 720,322	\$ 728,849
PROGRAM EXPENDITURES					
	2015-2016	2016-2017	2017-2018	2018-2019	2016-2017
19 RIGHT OF WAY	\$ 10,000	\$ 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 BENEFITS	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	180,506	168,300	171,666	175,099	178,601
37 TOTAL CONSTRUCTION AND OPERATIONAL COSTS	\$ 434,154	\$ 413,300	\$ 418,806	\$ 424,322	\$ 429,849
DEBT SERVICE					
	2015-2016	2016-2017	2017-2018	2018-2019	2016-2017
38 EXISTING DEBT SERVICE (Principal)	\$ 102,926	-	-	-	-
39 EXISTING DEBT SERVICE (Interest)	244,263	-	195,000	186,000	189,000
41 TOTAL BOND DEBT SERVICE	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	347,189	110,000	305,000	296,000	299,000
44 TOTAL FINANCING EXPENDITURES	347,189	110,000	305,000	296,000	299,000
45 TOTAL EXPENDITURES	\$ 781,343	\$ 523,300	\$ 723,806	\$ 720,322	\$ 728,849
46 FINANCING	16,677	-	-	-	-
47 TOTAL RESOURCES	\$ 798,020	\$ 523,300	\$ 723,806	\$ 720,322	\$ 728,849


Recomendado por Carmén Villar Prados
Director Ejecutivo


Preparado por Cesar Gandia
Director Ejecutivo Auxiliar de Administración y Finanzas

6/3/16

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 inversión es válida para los años aquí presentados siempre que los ingresos legislados que son estimados se materialicen. Si por alguna razón la Autoridad no recibe alguno o la totalidad de los ingresos legislados esta tabla tendría que ser ajustada a esa nueva realidad.

Appendix A

STIP 2017-2020 - Bridge Lump Sum Projects*

Bridge Projects - RFP for Design						2017					2018					2019			2020			
Line Number	Bridge ID ²	Road	Km	Municipality	Intersected	ZP-10		ZP-20			ZP-10		ZP-20			ZP-10	ZP-20		ZP-10	ZP-20		
						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	Bridge Critical Findings
1	505	PR 603	0.07	UTUADO	GRANDE DE ARECIBO RIVER																	
2	1130	PR 145	1.00	CIALES	GRANDE DE MANATI RIVER																	
3	1016	PR 18	3.30	SAN JUAN	PR 23 (ROOSEVELT AV.)																	
5	116	PR 3	53.00	CEIBA	CEIBA CREEK																	
7	950	PR 149	59.30	VILLALBA	JAGUEYES CREEK																	
9	2508	PR 913	1.10	SAN LORENZO	HONDA CREEK																	
10	2012	PR 18	4.70	SAN JUAN	CHARDON STREET																	
11	158	PR 123	59.30	UTUADO	DEPRESSION																	
12	261	PR 128	32.60	MARICAO	PRIETO RIVER																	
14	1683	OFF PR 603 @1.0	0.01	UTUADO	GUAONICA RIVER																	
20	176	PR 14	57.25	AIBONITO	HONDA CREEK																	
21	1492	OFF PR 110	0.30	MOCA	CREEK																	
22	1531	PR 141	10.00	JAYUYA	CREEK																	
23	574	PR 971	17.30	NAGUABO	SANTIAGO RIVER																	
24	1381	PR 103	3.60	CABO ROJO	CHANNEL																	
31	2681	PR 555	9.30	COAMO	COAMO RIVER																	

Notes: \$ - \$ - \$ - \$ - \$ - \$ - \$ 183,500 \$ 74,000 \$ 861,500 \$ - \$ - \$ - \$ - \$ 3,000,000 \$ - \$ - \$ - \$ -

Bridge Projects - ROW						2017					2018					2019			2020			
Line Number	Bridge ID ²	Road	Km	Municipality	Intersected	ZP-10		ZP-20			ZP-10		ZP-20			ZP-10	ZP-20		ZP-10	ZP-20		
						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	Bridge Critical Findings
16	547	PR 824	2.80	TOA ALTA	CRUZ CREEK																	
53	780	PR 143	36.00	OROCOVIS	MATRULLAS RIVER																	
65	2161	PR 114	2.20	MAYAGÜEZ	WATERWAY																	
68	2314	OFF PR 902	0.10	SAN LORENZO	CAYAGUAS RIVER																	

Notes: \$ 80,000 \$ 200,000 \$ - \$ - \$ 210,000 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -

* All projects are subject to change.

Appendix A

STIP 2017-2020 - Bridge Lump Sum Projects*

Bridge Projects - Construction						2017					2018					2019			2020			
						ZP-10		ZP-20			ZP-10		ZP-20			ZP-10	ZP-20		ZP-10	ZP-20		
Line Number	Bridge ID ²	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	PR 31	8.80	NAGUABO	BLANCO RIVER																	
16	547	PR 824	2.80	TOA ALTA	CRUZ CREEK					\$ 269,000												
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			\$ 12,909,000														
53	780	PR 143	36.00	OROCOVIS	MATRULLAS RIVER					\$ 98,000												
56	2032	PR 2	197.80	YAUCO	PR 128				\$ 1,000,000													
65	2161	PR 114	2.20	MAYAGÜEZ	WATERWAY	\$ 200,000																
68	2314	OFF PR 902	0.10	SAN LORENZO	CAYAGUAS RIVER		\$ 195,000															
19	1131	PR 29 EASTBOUND	1.40	BAYAMON	HONDO RIVER										\$ 2,783,000							
32	1343	LOCAL ROAD	0.20	SAN LORENZO	EMAJAGUA RIVER					\$ 196,000												
34	944	PR 2 EASTBOUND	208.70	GUAYANILLA	WATERWAY										\$ 248,000							
42	2039	PR 52 SOUTHBOUND	49.50	SALINAS	PR 714 & LA PALMA CREEK						\$ 2,529,000											
48	2511	PR 9916	0.02	SAN LORENZO	UNKNOWN CREEK					\$ 290,000												
58	2038	PR 52 NORTHBOUND	49.50	SALINAS	PR 714 & LA PALMA CREEK						\$ 4,044,000											
62	1132	PR 29 WESTBOUND	1.40	BAYAMON	HONDO RIVER										\$ 2,677,000							
66	1471	PR 100	0.80	HORMIGUEROS	GUANAJIBO RIVER									\$ 2,094,000								
8	631	PR 200R	0.10	VIEQUES	COFRESI CREEK																	
18	1657	PR 861	11.00	TOA ALTA	LA PLATA RIVER											\$ 2,500,000						
27	1133	OFF PR 200	0.01	VIEQUES	CREEK																	
30	122	PR 3	68.10	NAGUABO	SANTIAGO RIVER											\$ 5,000,000						
35	1096	PR 102	35.40	SAN GERMAN	GUANAJIBO RIVER																\$ 2,800,000	
1	505	PR 603	0.07	UTUADO	GRANDE DE ARECIBO RIVER																	\$ 2,391,000
2	1130	PR 145	1.00	CIALES	GRANDE DE MANATI RIVER																	\$ 5,845,000
5	116	PR 3	53.00	CEIBA	CEIBA CREEK																\$ 260,000	
7	950	PR 149	59.30	VILLALBA	JAGUEYES CREEK																	\$ 379,000
9	2508	PR 913	1.10	SAN LORENZO	HONDA CREEK																\$ 126,000	
11	158	PR 123	59.30	UTUADO	DEPRESSION																\$ 150,000	
12	261	PR 128	32.60	MARICAO	PRIETO RIVER																\$ 514,000	
13	443	PR 951	4.90	LOIZA	ZEQUEIRA CHANNEL																	\$ 335,000
14	1683	OFF PR 603 @1.0	0.01	UTUADO	GUAONICA RIVER																\$ 150,000	
15	217	PR 106	2.50	MAYAGÜEZ	GANDEL CREEK																\$ 1,705,000	
20	176	PR 14	57.25	AIBONITO	HONDA CREEK																\$ 238,000	
21	1492	OFF PR 110	0.30	MOCA	CREEK																\$ 126,000	
22	1531	PR 141	10.00	JAYUYA	CREEK																	\$ 50,000
23	574	PR 971	17.30	NAGUABO	SANTIAGO RIVER																\$ 250,000	
24	1381	PR 103	3.60	CABO ROJO	CHANNEL																\$ 131,000	
25	2479	PR 174	14.00	BAYAMON	SONADORA CREEK																	\$ 2,622,000
26	881	PR 497	2.70	SAN SEBASTIÁN	SONADORA CREEK																	\$ 282,000
31	2681	PR 555	9.30	COAMO	COAMO RIVER																\$ 530,000	

Notes: \$ 200,000 \$ 195,000 \$ 12,909,000 \$ 1,000,000 \$ 367,000 \$ 1,698,000 \$ 486,000 \$ 6,573,000 \$ 2,094,000 \$ 5,708,000 \$ 2,500,000 \$ 7,807,000 \$ 2,800,000 \$ 3,875,000 \$ 3,594,000 \$ 8,615,000

* All projects are subject to change.

Appendix A

Additional Bridge Construction Projects to be Worked for All Bridge Programs1						
Line Number	Bridge ID ²	Preliminary Construction Cost Estimate ³	Road	Km	Municipality	Intersected
1	2369	\$ 1,050,000	PR 52	102.30	PONCE	DIRT ROAD
2	284	\$ 436,000	PR 139	22.80	PONCE	DEPRESSION
3	285	\$ 186,000	PR 139	23.80	PONCE	DEPRESSION
4	1733	\$ 1,029,000	PR 111	13.10	SAN SEBASTIÁN	EL SALTO CREEK
5	1825	\$ 8,853,000	PR 187	17.10	LOIZA	GRANDE DE LOIZA RIVER
6	2348	\$ 1,400,000	PR 52	105.60	PONCE	PR 12
7	308	\$ 179,000	PR 149	4.50	JUANA DIAZ	GUANABANA CREEK
8	1123	\$ 3,329,000	PR 359	0.30	YAUCO	PR 2
9	1086	\$ 942,000	PR 163 EASTBOUND	1.30	PONCE	PORTUGUES RIVER
10	702	\$ 2,189,000	PR 681	2.00	ARECIBO	TIBURONES CHANNEL
11	1142	\$ 1,464,000	PR 418	0.50	AGUADILLA	CULEBRINAS RIVER
12	1325	\$ 97,000	PR 757	4.00	PATILLAS	DEL APEADERO RIVER
13	1316	\$ 39,000	LOCAL ROAD	0.10	SAN LORENZO	EMAJAGUA RIVER
14	1251	\$ 3,398,000	PR 52 SOUTHBOUND	1.00	SAN JUAN	PR 177
15	2697	\$ 500,000	OFF PR 852	0.60	TRUJILLO ALTO	UNKNOWN CREEK
16	1355	\$ 600,000	OFF PR 123 AT 46.2	0.10	ADJUNTAS	GRANDE DE ARECIBO RIVER
17	1730	\$ 345,000	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	CAÑAS 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	PR 123	0.20	PONCE	TIDAL WATERS CHANNEL
32	358-T	\$ 312,000	PR 162	5.50	BARRANQUITAS	USABON RIVER
33	511-T	\$ 710,000	PR 647	8.20	VEGA ALTA	CIBUCO RIVER
34	2507-T	\$ 360,000	OFF PR 636	0.01	ARECIBO	TANAMA RIVER
35	178-T	\$ 298,000	PR 14	65.60	CAYEY	TOITA CREEK
36	1124-T	\$ 984,000	PR 890	0.04	BAYAMON	HONDO RIVER
37	1621-T	\$ 2,099,000	PR 187	0.10	RIO GRANDE	LA VEGA CREEK
38	121-T	\$ 3,952,000	PR 3	61.50	NAGUABO	PALMAS CREEK
39	548-T	\$ 230,000	RURAL LOCAL ROAD	2.40	GUAYANILLA	YAUCO RIVER
40	878-T	\$ 1,037,000	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 bidding 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.

**Safety Projects*
2016-2017**

PROJECT DESCRIPTION	Municipality / Federal Area	COST				
		TOTAL	MP-30	MP-40	MP-50	Toll Credits
AC- 990134 Upgrade of Safety Devices in the Highway System						
Pavement Rehabilitation and Safety Improvements PR-52 KM 66 @ 77	Salinas - Santa Isabel	\$ 3,000,000.00	\$ 2,407,500.00			\$ 592,500.00
Pavement Rehabilitation and Safety Improvements PR-53 KM 0 @ 7.2	Fajardo	\$ 2,000,000.00	\$ 1,605,000.00			\$ 395,000.00
SUBTOTAL		\$5,000,000.00				
AC-990135 Safety Improvements Islandwide						
Safety Corridor PR-111 Km 0 @ km 10	Aguadilla - Moca	\$ 4,640,000.00	\$ 3,723,600.00			\$ 916,400.00
Safety Corridor PR-20 Km 0 @ Km 10	Guaynabo	\$ 6,315,000.00	\$ 5,067,787.50			\$ 1,247,212.50
Safety Corridor PR-1 Km 21 @ Km 32	San Juan	\$ 10,520,000.00	\$ 8,442,300.00			\$ 2,077,700.00
SUBTOTAL		\$ 21,475,000.00				
AC-800492SHSP Funds						
Safety Improvements on De Diego Avenue (PR-37)	San Juan	\$5,000,000.00	\$4,012,500.00			\$ 987,500.00
SUBTOTAL		\$5,000,000.00				
TOTALS		\$31,475,000.00				
Safety Corridor PR-173 Km 0 @ Km 9	Aguas Buenas	\$ 3,800,000.00		\$ 1,524,750.00	\$ 1,524,750.00	\$ 750,500.00
SUBTOTAL		\$3,800,000.00				
TOTALS		\$3,800,000.00				

* All projects are subject to change.

Safety Projects*
2017-2018

PROJECT DESCRIPTION	Municipality / Federal Area	COST				
		TOTAL	MP-30	MP-40	MP-50	Toll Credits
AC-990144 Upgrade of Safety Devices in the Highway System						
Pavement Rehabilitation and Safety Improvements PR-2 KM 125.5 to 125.9	Aguadilla	\$ 30,000.00	\$ 24,075.00			\$ 5,925.00
Pavement Rehabilitation and Safety Improvements PR-3 KM 42.5 @ 47.6	Luquillo	\$ 1,400,000.00	\$ 1,123,500.00			\$ 276,500.00
Pavement Rehabilitation and Safety Improvements PR-8 KM 0 @ 4	Río Piedras	\$ 400,000.00	\$ 321,000.00			\$ 79,000.00
Pavement Rehabilitation and Safety Improvements PR-30 KM 25.8 @ 28.5	Humacao	\$ 700,000.00	\$ 561,750.00			\$ 138,250.00
Pavement Rehabilitation and Safety Improvements PR-53 KM 91.4 @ 94.4	Salinas	\$ 1,000,000.00	\$ 802,500.00			\$ 197,500.00
SUBTOTAL		\$ 3,530,000.00				
AC-990145 Safety Improvements Islandwide						
Safety Corridor PR-52 Km 49 @ Km 61	Salinas	\$9,525,019.00	\$7,643,827.75			\$ 1,881,191.25
Safety Corridor PR-111 Km 10 @ Km 20	Moca - San Sebastián	\$4,890,000.00	\$3,924,225.00			\$ 965,775.00
Safety Corridor PR-183 Km 2 @ Km 10	Caguas - San Lorenzo	\$4,130,261.00	\$3,314,534.45			\$ 815,726.55
SUBTOTAL		\$18,545,280.00				
AC-800493 SHSP Funds						
RFP SHSP Update and Implementation	All	\$3,000,000.00	\$2,407,500.00			\$ 592,500.00
SUBTOTAL		\$3,000,000.00				
TOTALS		\$ 25,075,280.00				
Safety Corridor PR-12 Km 0 @ Km 7	Ponce	\$ 3,800,000.00		\$ 1,524,750.00	\$ 1,524,750.00	\$ 750,500.00
SUBTOTAL		\$3,800,000.00				
TOTALS		\$3,800,000.00				

* All projects are subject to change.

Safety Projects*
2018-2019

PROJECT DESCRIPTION	Municipality / Federal Area	COST				
		TOTAL	MP-30	MP-40	MP-50	Toll Credits
AC-990155 Upgrade of Safety Devices in the Highway System						
Pavement Rehabilitation and Safety Improvements PR-1 KM 0 @ 4	San Juan	\$250,000.00	\$200,625.00			\$ 49,375.00
Pavement Rehabilitation and Safety Improvements PR-2 KM 1 @ 6	Guaynabo	\$500,000.00	\$401,250.00			\$ 98,750.00
Pavement Rehabilitation and Safety Improvements PR-2 KM 145 @ 152	Mayagüez	\$360,000.00	\$288,900.00			\$ 71,100.00
Pavement Rehabilitation and Safety Improvements PR-2 KM 180 @ 182	Sabana Grande	\$100,000.00	\$80,250.00			\$ 19,750.00
Pavement Rehabilitation and Safety Improvements PR-2 KM 187 @ 195	Guanica	\$2,000,000.00	\$1,605,000.00			\$ 395,000.00
Pavement Rehabilitation and Safety Improvements PR-52 KM 50 @ 52	Salinas	\$160,000.00	\$128,400.00			\$ 31,600.00
Pavement Rehabilitation and Safety Improvements PR-52 KM 95 @ 98	Ponce	\$400,000.00	\$321,000.00			\$ 79,000.00
Pavement Rehabilitation and Safety Improvements PR-52 KM 104 @ 106	Ponce	\$160,000.00	\$128,400.00			\$ 31,600.00
Pavement Rehabilitation and Safety Improvements PR-53 KM 69 @ 71	Patillas	\$140,000.00	\$112,350.00			\$ 27,650.00
Pavement Rehabilitation and Safety Improvements PR-183 KM 0 @ 2	Caguas	\$100,000.00	\$80,250.00			\$ 19,750.00
SUBTOTAL		\$4,170,000.00				
AC-800514 Safety Improvements Islandwide						
Safety Corridor PR-66 Km 0 @ Km 20	Carolina - Río Grande	\$6,000,000.00	\$4,815,000.00			\$ 1,185,000.00
Safety Corridor PR-101 Km 0 @ Km 10	San Germán - Lajas	\$4,640,000.00	\$3,723,600.00			\$ 916,400.00
Safety Corridor PR -152 Km 0 @ 20.5	Naranjito - Barranquitas	\$5,900,000.00	\$4,734,750.00			\$ 1,165,250.00
Safety Corridor PR-116 Km # @ Km 14	Lajas	\$3,876,000.00	\$3,110,490.00			\$ 765,510.00
Safety Corridor PR-167 Km 0 @ Km 9	Comerio	\$3,384,000.00	\$2,715,660.00			\$ 668,340.00
SUBTOTAL		\$23,800,000.00				
AC-800515 SHSP Funds						
Safety Corridor PR-149 Km 0 @ Km 12	Manatí - Ciales	\$5,780,000.00	\$4,638,450.00			\$ 1,141,550.00
SUBTOTAL		\$5,780,000.00				
TOTALS		\$33,750,000.00				
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				
TOTALS		\$3,800,000.00				

* All projects are subject to change.

Safety Projects*
2019-2020

PROJECT DESCRIPTION	Municipality / Federal Area	COST				
		TOTAL	MP-30	MP-40	MP-50	Toll Credits
AC-800519 Upgrade of Safety Devices in the Highway System						
Pavement Rehabilitation and Safety Improvements PR-18 KM 0 @ 4	San Juan	\$650,000.00	\$521,625.00			\$ 128,375.00
Pavement Rehabilitation and Safety Improvements PR-53 KM 81 @ 91	Guayama	\$2,600,000.00	\$2,086,500.00			\$ 513,500.00
Pavement Rehabilitation and Safety Improvements PR-60 KM 0 @ 4	Humacao	\$700,000.00	\$561,750.00			\$ 138,250.00
Pavement Rehabilitation and Safety Improvements PR-102 KM 31 @ 33	San Germán	\$200,000.00	\$160,500.00			\$ 39,500.00
Pavement Rehabilitation and Safety Improvements PR-123 KM 75 @ 78	Arecibo	\$200,000.00	\$160,500.00			\$ 39,500.00
Pavement Rehabilitation and Safety Improvements PR-129 KM 27 @ 31	Lares	\$260,000.00	\$208,650.00			\$ 51,350.00
Pavement Rehabilitation and Safety Improvements PR-167 KM 14 @ 16	Toa Alta	\$120,000.00	\$96,300.00			\$ 23,700.00
Pavement Rehabilitation and Safety Improvements PR-25R KM 0 @ 4	San Juan	\$150,000.00	\$120,375.00			\$ 29,625.00
SUBTOTAL		\$4,880,000.00				
AC-800521 Safety Improvements Islandwide						
Safety Corridor PR-102 Km 8 @ 18	Cabo Rojo	\$5,406,372.00	\$4,338,613.53			\$ 1,067,758.47
Safety Corridor PR-52 Km 38 @ Km 49	Cayey - Salinas	\$9,038,372.00	\$7,253,293.53			\$ 1,785,078.47
Safety Corridor PR-1 Km 12 @ Km 21	San Juan	\$9,534,372.00	\$7,651,333.53			\$ 1,883,038.47
Safety Corridor PR-176 Km 0 @ Km 4	San Juan	\$1,328,000.00	\$1,065,720.00			\$ 262,280.00
SUBTOTAL		\$25,307,116.00				
AC-800520 SHSP Funds						
Safety Corridor PR-203 Km 0 @ Km 7.1	Gurabo - San Lorenzo	\$5,339,200.00	\$4,284,708.00			\$ 1,054,492.00
SUBTOTAL		\$5,339,200.00				
TOTALS		\$35,526,316.00				
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				
TOTALS		\$3,800,000.00				

* All projects are subject to change.

Appendix C

Pavement Projects*

Pavement Projects*															
								2016-17		2017-18		2018-19		2019-20	
ROAD	Pavement Type	From	To	Lanes	Length	Estimate Cost	Municipality	Preserv Cost	Rehab Cost						
1	Asphalt	0.3	3.5	1.75	3.20	\$ 1,120,700	San Juan					\$ 1,120,700			
2	Asphalt	1.4	5.9	2.9	4.5	\$ 2,607,100	Guaynabo					\$ 2,607,100			
2	Asphalt	125.5	125.9	2	0.4	\$ 148,800	Aguadilla			\$ 148,800					
2	Asphalt	145.2	146.7	2	1.49	\$ 953,600	Mayaguez						\$ 953,600		
2	Asphalt	150.1	152.3	2	2.18	\$ 873,600	Mayaguez					\$ 873,600			
2	Asphalt	180.0	181.3	2	1.4	\$ 543,600	Sabana Grande					\$ 543,600			
2	Concrete	187.2	195.0	2	7.81	\$ 10,049,100	Guanica						\$ 10,049,100		
3	Concrete	42.5	47.6	2	5.12	\$ 6,650,800	Luquillo				\$ 6,650,800				
8	Asphalt	0.5	2.1	2	1.6	\$ 643,600	Rio Piedras			\$ 643,600					
8	Asphalt/Concrete	2.0	4.1	2	2.13	\$ 1,364,480	Rio Piedras				\$ 1,364,480				
10	Asphalt	1.9	3.2	2	1.3	\$ 515,200	Ponce					\$ 515,200			
10	Asphalt	42.7	46.2	1.75	3.54	\$ 2,090,960	Adjuntas						\$ 2,090,960		
30	Concrete	25.8	28.5	2	2.73	\$ 3,216,885	Humacao				\$ 3,216,885				
30	Asphalt	8.0	10.0	4	2.00	\$ 1,950,000	Gurabo		\$ 1,950,000						
52	Composite	50.3	51.6	2	1.29	\$ 732,412	Salinas						\$ 732,412		
52	Concrete	66.6	77.0	2	10.45	\$ 13,259,144	Santa Isabel		\$ 13,259,144						
52	Concrete	95.4	97.5	2	2.09	\$ 2,619,600	Ponce						\$ 2,619,600		
52	Asphalt	104.2	106.3	2	2.1	\$ 837,200	Ponce					\$ 837,200			
53	Concrete	0.0	7.2	2	7.24	\$ 9,000,000	Fajardo		\$ 9,000,000						
53	Asphalt	69.6	71.2	1	1.59	\$ 599,600	Patillas						\$ 599,600		
53	Concrete	81.1	91.4	2	10.26	\$ 13,341,900	Guayama								\$ 13,341,900
53	Concrete	91.4	94.4	2	3.02	\$ 3,919,500	Salinas				\$ 3,919,500				
60	Concrete	0.8	3.4	2	2.58	\$ 3,447,500	Humacao								\$ 3,447,500
102	Concrete	31.6	32.6	1	0.94	\$ 941,000	San Germán								\$ 941,000
123	Asphalt	75.7	77.7	1	2.09	\$ 920,480	Arecibo								\$ 920,480
129	Asphalt	27.9	30.9	1	2.94	\$ 1,394,480	Lares								\$ 1,394,480
167	Asphalt	14.2	15.6	1	1.38	\$ 708,520	Toa Alta								\$ 708,520
183	Asphalt	0.0	1.6	1.2	1.6	\$ 388,320	Caguas					\$ 388,320			
25R	Asphalt	0.0	3.5	1	3.5	\$ 795,160	San Juan								\$ 795,160
OMOL	Asphalt	0.0	0.6	1	0.63	\$ 126,000	Fajardo								\$ 126,000
								\$ -	\$ 24,209,144		\$ 15,944,065		\$ 23,930,992		\$ 21,675,040

* All projects are subject to change.

Appendix D

Puerto Rico Transportation and Highway Authority			
ITS Projects*			
TIP 2017-2020			
	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
FY 2017-18	PR-26/PR-66 ITS Devices Preventive Maintenance (3 years)	Request for Proposals	\$1,800,000
	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
	FY 2018-19 Total		\$3,400,000
FY 2019-20	PR-18, PR-26, PR-30 and PR-52 Highway Safety Patrols (2 years)	Request for Proposals	\$3,236,842
	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

* All projects are subject to change without notice.