



U.S. Department  
of Transportation  
**Federal Highway  
Administration**

**Hawaii Federal-Aid Division**

February 17, 2016

300 Ala Moana Blvd, Rm 3-306  
Box 50206  
Honolulu, Hawaii 96850  
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In Reply Refer To:  
HAD-HI

Glenn Leon Guerrero, Director  
Government of Guam  
Department of Public Works  
542 North Marine Corps Drive  
Tamuning, Guam 96913

Dear Mr. Leon Guerrero:

Thank you for submitting the Guam Transportation Improvement Plan (GTIP) dated January 22, 2016 in accordance with the *Territorial Highway Program and Stewardship Agreement, FHWA Hawaii Division and the Government of Guam*, dated August 11, 2015. Based on our review, the Federal Transit Administration (FTA) and the Federal Highway Administration (FHWA) jointly approve the 2016-2019 GTIP.

Since Guam Regional Transit Authority's (GRTA) program was not submitted, we were not able to consider it within this approval. FTA has initiated discussions with GRTA to assure that transit improvement projects for Guam are implemented expediently. FTA anticipates that for Federal fiscal year 2016, GRTA will have an additional \$1.4 million available for amendment to this 2016-2018 GTIP.

We find that the projects in the FY2016-2019 GTIP are based on a transportation planning process that substantially meets the requirement of Title 23 United States Code (U.S.C.) Section 135 and 49 U.S.C. Section 5304.

This GTIP approval action does not serve as a final eligibility determination for Federal participation in FHWA-funded projects, nor does it commit funds to the individual projects included in the GTIP. This GTIP approval action is valid until a new GTIP is approved, but for a period of no more than two years from the date of this letter.

If you have any questions, please contact Richelle Takara with FHWA at (866) 233-8177 extension 311 and Ted Matley with FTA at (202) 731-3744.

Sincerely yours,

Leslie T. Rogers  
Regional Administrator  
Federal Transit Administration

for  
Mayela Sosa  
Division Administrator  
Federal Highway Administration Hawai'i



*The Honorable  
Eddie Baza Calvo  
Governor*

*The Honorable  
Ray Tenorio  
Lieutenant Governor*



**Glenn Leon Guerrero**  
*Director*

**Felix C. Benavente**  
*Deputy Director*

TN16-135

JAN 28 2016

**Ms. Mayela Sosa**  
Division Administrator  
Federal Highway Administration Hawaii Division  
300 Ala Moana Blvd., Rm. 3-306  
Box 50206  
Honolulu, HI 96850

Attn.: Richelle M. Takara, P.E.  
Transportation Engineer – Territorial Representative

**Re:** Guam Transportation Improvement Program, FY 2016-2019

Dear Ms. Sosa,

Please find attached the Guam Transportation Improvement Program (GTIP) for fiscal years 2016 to 2019. This GTIP provides a near-term improvement plan that is financially feasible and depicts the Guam Department of Public Works' priorities for the expenditures of FHWA funds for the noted fiscal period.

Should you have any questions, please feel free to contact Joaquin R. Blaz, Acting Program Administrator for Division of Highways at (671) 649-3128.

Sincerely,

**GLENN LEON GUERRERO**

Cc: Joaquin Blaz, DPW

JBlaz *av* / 26

# **GUAM TRANSPORTATION IMPROVEMENT PROGRAM**

## **Fiscal Years 2016-2019**

January 22, 2016



The Government of Guam  
Department of Public Works

## Government of Guam

### APPROVAL OF THE GUAM TRANSPORTATION IMPROVEMENT PROGRAM FY 2016 – FY 2019

WHEREAS, the Stewardship Agreement between the Federal Highway Administration – Hawaii Federal-aid Division and the Government of Guam, executed on August 11, 2014 included a provision that the Government of Guam will develop a Guam Transportation Improvement Program (GTIP) and that the FHWA will review and approve the GTIP; and

WHEREAS, the Guam Transportation Improvement Program is developed for a period of no less than four years and amended as needed any time after the effective date of the GTIP under direction of the Government of Guam Department of Public Works; and

WHEREAS, the Governor of Guam has directed the Department of Public Works to meet U.S. Department of Transportation planning requirements; and


WHEREAS, the Department of Public Works through the conduct of a continuing, comprehensive and coordinated transportation planning process carried out in conjunction with the Government of Guam has prepared a Guam Transportation Improvement Program; and

WHEREAS, the Government of Guam Department of Public Works finds that this Guam Transportation Improvement Program has been prepared through a process of agency coordination and in accordance with required public participation procedures.

NOW THEREFORE, BE IT RESOLVED that the Government of Guam Department of Public Works does hereby approve the Guam Transportation Improvement Program for FY 2016 -2019.

APPROVED this 28<sup>th</sup> day of Jan, 2016

By:

  
Glenn Leon Guerrero, Director, Department of Public Works



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## EXECUTIVE SUMMARY

The Government of Guam Department of Public Works (DPW) developed the Transportation Improvement Program (GTIP) for the federal fiscal years 2016-2019. The GTIP was prepared in accordance with the requirements of the Fixing America’s Surface Transportation (FAST) Act, in order to provide a list of transportation improvement projects for implementation. This document is adjunct to the 2030 Guam Transportation Plan (GTP), Guam's long range (20+ year) multi modal transportation strategy, and follows previous GTIP documents. This GTIP provides a near-term improvement plan that is financially feasible, fiscally constrained and depicts DPW's priorities for the expenditure of federal funds for the noted fiscal period.

Projects in the GTIP were developed through the transportation planning process and were drawn from needs identified in the 2030 Guam Transportation Plan and commitments from prior GTIP documents.

Projects contained in the GTIP FY2016-2019 were selected to address safety issues, pavement and bridge conditions and provide traffic operational improvements. Funding for Guam transportation projects will come from several sources, but largely from the Federal Territorial Highway Program (THP).

A summary of the funds anticipated to be available to DPW for transportation projects over the four year life of the GTIP is as follows:

<b>Fiscal Year</b>	<b>Funding Source</b>	<b>Amount</b>
2016	Section 1934 Funds	\$687,764
	Territorial Highway Program	\$23,379,142
2017	Territorial Highway Program	\$15,926,400
	Grant Anticipation Revenue Vehicles (GARVEE)	\$47,600,476
2018	Territorial Highway Program	\$15,926,400
2019	Territorial Highway Program	\$15,926,400

In addition to the funds identified above, the Government of Guam will seek a Grant Anticipation Revenue Vehicles (GARVEE) bond in the amount of \$50,000,000.

The funds available to the Government of Guam, over the four year life of the GTIP, is planned to be utilized in the following manner:

<b>Funding Source</b>	<b>Amount</b>
Territorial Highway Program Projects and Services	\$69,471,742
Grant Anticipation Revenue Vehicles Bond Repayment	\$9,000,000
Grant Anticipation Revenue Vehicles Bond Projects	\$47,600,476
Section 1934 Projects	\$687,764
Local Projects	\$5,625,000

## INTRODUCTION

### PURPOSE

The purpose of this document is to inform the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), the public, and other interested parties that the Government of Guam Department of Public Works (DPW) has met the requirements of the Territorial Highway Program and Stewardship Agreement, FHWA Hawaii Division and the Government of Guam, dated August 11, 2015 for the development of the Guam Transportation Improvement Program (GTIP).

This document provides a Transportation Improvement Plan (TIP) that is financially feasible, fiscally constrained and depicts DPW's priorities for the expenditure of federal funds for Federal fiscal years 2016-2019.

### TRANSPORTATION PLANNING

In order to plan for and implement transportation improvement projects, the DPW produces two major work products: the Guam Transportation Plan and the Guam Transportation Improvement Program.

#### GUAM TRANSPORTATION PLAN (GTP)

The GTP is a long range (20+ year) multimodal transportation strategy and capital improvement program developed to guide the effective investment of public funds in transportation facilities for a variety of purposes including:

- 1) To help manage traffic congestion,
- 2) To provide a comprehensive transportation system for residents, workers and visitors, and
- 3) To increase modes of travel.

DPW's current Transportation Plan was adopted in 2008 and extends through the year 2030.

#### GUAM TRANSPORTATION IMPROVEMENT PROGRAM (GTIP)

The GTIP is a four-year plan that lists federally funded projects and transportation services on Guam, including: highway and street projects, bridge projects, public transit projects, and bicycle/pedestrian enhancement projects.

The projects identified in the long range 2030 GTP provide the basis for selection and prioritization of projects in the GTIP. Projects are required to be included in the 2030 GTP before they can be programmed (funded) in the GTIP. The GTIP establishes the list of projects in a given fiscal period that have been deemed to be the highest priority and feasibly implemented. The GTIP is a budgeting document that indicates which projects will be implemented in the current four year period.

## GTIP DEVELOPMENT PROCESS

### OVERVIEW

The GTIP was developed by the Government of Guam DPW, in consultation with the FHWA and includes input from the public.

The GTIP consists of a priority list of highway and transit projects which are being advanced toward implementation over the four year period from Federal Fiscal Year 2016 to Federal Fiscal Year 2019. Projects in the GTIP have been developed through the transportation planning process and are drawn from the 2030 GTP.

Projects contained in the FY2016-2019 GTIP address safety, pavement and bridge conditions, and traffic operations.

### FUNDING SOURCES

Funding for Guam transportation projects comes primarily from federal funding through the Territorial Highway Program (THP).

The table below provides a summary of the funding that DPW expects to receive over the four year life of the GTIP.

Fiscal Year	Funding Source	Amount
2016	Section 1934 Funds	\$687,764
	Territorial Highway Program	\$23,379,142
2017	Territorial Highway Program	\$15,926,400
	Grant Anticipation Revenue Vehicles (GARVEE)	\$47,600,476
2018	Territorial Highway Program	\$15,926,400
2019	Territorial Highway Program	\$15,926,400

#### TERRITORIAL HIGHWAY PROGRAM (THP)

The Territorial Highway Program (THP) was created by Section 112 of the Federal-Aid Highway Act of 1970 (Public Law 91-605) by adding Section 215 to Title 23, United States Code (U.S.C.). Federal financial assistance was granted to the Virgin Islands, Guam, Commonwealth of the Northern Marianas Islands and American Samoa for the construction and improvement of a system of arterial highways and necessary interisland connectors through the General Fund of the Treasury.

The primary source of funding for GTIP projects is Federal money received by Guam through the THP. The FHWA provides funds for Guam through the most current federal transportation authorization, the FAST Act (Fixing America’s Surface Transportation Act). The FAST Act reaffirmed *“...the mutual benefits that will accrue to the territories and the United States from the improvement of highways in the territories, the Secretary may carry out a program to assist each government of a territory in the construction and improvement of a system of arterial and collector highways, and necessary inter-island connectors, that is- (i) designated by the Governor or chief executive officer of each territory; and, (ii) approved by the Secretary.”* [Title 23, U.S.C., Section 165(c)(2)(A)]. Sections



1101 and 1115 of the FAST Act provide \$48M/year of funding for the THP under 23 U.S.C. 165(a)(2) for Fiscal Years 2016 through 2020. These funds provide contract authority authorized from the Highway Trust Fund.

With the signing of the 5-year FAST Act on December 4, 2015, federal funding has stabilized and thus allocates consistent funding to Guam through the THP Program for the term of this GTIP. Therefore, this GTIP has been prepared based on the \$15.9M in Federal funds authorized to Guam each year over the next four Federal Fiscal years, 2016-2019.

#### FEDERAL SHARE

Under 23 U.S.C. 215(b)(2), the Federal share for this THP funding is in accordance with 23 U.S.C. 120(g), which states: *“Notwithstanding any other provision of this section or of this title, the Federal share payable on account of any project under this title in the Virgin Islands, Guam, American Samoa, or the Commonwealth of the Northern Mariana Islands shall be 100 per centum of the total cost of the project.”*

#### GRANT ANTICIPATION REVENUE VEHICLES (GARVEE) BOND

The DPW will pursue the issuance of a GARVEE bond for \$47.6M<sup>1</sup> to fund specific projects in the GTIP FY2016 - FY2019. The GARVEE bond is a financing mechanism to generate up-front capital to fund Federal-aid projects using future Federal-aid highway funds to pay debt service and bond-related expenses. The proceeds from the GARVEE will enable the DPW to accelerate the timing of select projects and increase the number of projects that can be programmed in the GTIP.

If approved, the following construction projects will be financed with GARVEE proceeds:

- Route 14B (Ypao Road) Reconstruction and Widening, GU-NH-014B(001),(002)
- Route 20 (Tiyon Parkway), Phase II, GU-NH-0020(002)

<sup>1</sup>: Per 5 GCA, §1516, it is anticipated that additional GARVEE proceeds may be considered and acquired for and used by the Guam Regional Transit Authority (GRTA) for mass transit improvements such as; a bus maintenance facility and additional vehicles for GRTA fleet. The associated bond repayment obligation for this amount would be the responsibility of GRTA.

#### EARMARKS

Section 1934 of the SAFETEA-LU authorization (prior to MAP-21 and FAST) identified funds for certain Transportation Improvement Projects. \$687,764 of Section 1934 funds are applicable in this GTIP for the construction of Route 3A, Pavement Restoration in the Village of Yigo.

## PROJECT SELECTION

Projects are selected to be placed on the GTIP based on three main factors:

- Condition and need
- Source of funds
- Availability of funds

The funds provided through Section 1934 (Transportation Improvement) are project-specific and there is no latitude in how the funds can be applied. The construction timing of these projects is influenced by

the resolution of ancillary issues such as potential impacts to the environment, to adjacent properties, traffic and community.

The majority of the funds for the GTIP come from the Territorial Highway Program (THP) which is dispersed to Guam in four equal amounts throughout the life of the GTIP. Consequently, in addition to the environmental, property, traffic and community impact issues, the majority of the projects selected are based on condition, need and the availability of funds from FHWA.

#### ELIGIBLE ACTIVITIES

The THP funds are authorized for the following types of projects and activities carried out in a Territory on the THS [23 U.S.C. 165(c)(6)]:

- A. Eligible Surface Transportation Block Grant (STBG) projects described in 23 U.S.C. 133(b);
- B. Cost-effective, preventive maintenance consistent with 23 U.S.C. 116(e);
- C. Ferry boats, terminal facilities, and approaches, in accordance with subsections (b) and (c) of 23 U.S.C. 129;
- D. Engineering and economic surveys and investigations for the planning, and financing of future highway programs;
- E. Studies of the economy, safety, and convenience of highway use;
- F. Regulation and equitable taxation of highway use; and
- G. Research and development as are necessary in connection with the planning, design, and maintenance of the highway system.

The THP funds will not be allowed for use on roads functionally classified as local with the exception of the following activities listed in 23 U.S.C. 133 (c)(1) through (c)(4) and 133(b)(12), [23 U.S.C. 165(c)(7) as amended by the FAST Act Section 1446]:

- for a bridge or tunnel project (other than the construction of a new bridge or tunnel at a new location)(New location bridge or tunnel projects are only eligible if located on a Federal-aid highway.);
- for a project described in paragraphs (4) through (11) of 23 U.S.C. 133(b);
- for a project described in section 101(a)(29), as in effect on the day before the date of enactment of the FAST Act (former Transportation Alternatives Projects as described in 23 U.S.C. 133(h); and
- as approved by the Secretary.
- Projects and strategies designed to support congestion pricing, including electronic toll collection and travel demand management strategies and programs.

The THP funds are not allowed to be used for routine maintenance. [23 U.S.C. 165(c)(6)(B)]

## FINANCIAL PLAN

### OVERVIEW

The projects contained in the GTIP are derived from the 2030 GTP and selected based on condition/need, source of funds and availability of funds. Timing of each project is contingent upon the availability of funds for any given fiscal year.

The tables on the following pages represent the Guam DPW's priorities and implementation plan for the expenditure of federal funds for the Federal Fiscal years 2016 - 2019.

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM  
FY 2016 - FY 2019 PROJECT LISTING**

PROJECT	PHASE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)			FY '17 (Oct. 1, 2016 - Sept. 30, 2017)			FY '18 (Oct. 1, 2017 - Sept. 30, 2018)			FY '19 (Oct. 1, 2018 - Sept. 30, 2019)			FUNDING CATEGORY
		TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	
Ajayan Bridge Replacement	DES- ROW CON	3,020	3,020										THP	
Route 1, Signalized Pedestrian Crossing at Chamorro Village	DES- ROW CON	262	262										THP	
Route 5 & portion of Route 12 Reconstruction & Widening	DES- ROW CON	11,250	5,625	5,625									THP	
Route 8/Canada Tolo Loop Road Intersection Improvements	DES- ROW CON	720	720										THP	
Route 14 Resurfacing (Route 1 to Archbishop Felixberto Flores Circle)	DES- ROW CON										5,965	5,965	THP	
Aplacho Bridge Replacement	DES- ROW CON				3,614	3,614							THP	
Route 20 (Tiyau Parkway), Phase II	DES- ROW CON	2,121	2,121		392	392							GARVEE / THP	
Route 27, Finegayan Road Reconstruction and Drainage Improvements, (Harron Cudif, Tamuning)	DES- ROW CON							1,200	1,200	1,200	1,200	1,200	THP	
Route 14B (Ypao Road) Reconstruction and Widening (Route 1 to Route 14)	DES- ROW CON	1,862	1,862					2,818	2,818				GARVEE / THP	
Route 3A, Pavement Restoration	DES- ROW CON	47	47										1934 / THP	
Sub-Total (Roadway and Bridge Projects)	DES- ROW CON	2,121 1,862 15,319	2,121 1,862 9,694	5,625	392 3,614 5,625	3,614	1,200 2,818 1,200	1,200 2,818 1,200	1,200 2,818 1,200	5,965	5,965	5,965		

GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2016-2019  
Guam Islandwide Program Management Services

PROJECT	PHASE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)			FY '17 (Oct. 1, 2016 - Sept. 30, 2017)			FY '18 (Oct. 1, 2017 - Sept. 30, 2018)			FY '19 (Oct. 1, 2018 - Sept. 30, 2019)			FUNDING CATEGORY
		TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	
Legal Services	OPS	150	150	150	150	150	150	150	150	150	150	150	THP	
Islandwide Safety Projects	DES												THP	
	CON	1,018	1,018		1,258	1,258		1,258	1,258		1,258	1,258	THP	
Traffic Signal System Upgrade Islandwide, Phase 1	DES	50	50										THP	
	CON	1,854	1,854		2,000	2,000		2,310	2,310		2,310	2,310	THP	
Traffic Signal System Upgrade Islandwide, Phase 2	DES	430	430		302	302		302	302		302	302	THP	
	CON				2,310	2,310		2,310	2,310		2,310	2,310	THP	
Traffic Management Center - Communications	CON												THP	
Program Administration and Operations	OPS	1,000	1,000		1,000	1,000		1,000	1,000		1,000	1,000	THP	
Islandwide Bridge Inspection Services	OPS	500	500		200	200		300	300		200	200	THP	
Islandwide Program Management Services	OPS	4,700	4,700		4,700	4,700		4,700	4,700		4,700	4,700	THP	
GARVEE Repayment	OPS												THP	
Sub-Total (Islandwide Projects)	DES	480	480		302	302								
	ROW	2,872	2,872		5,568	5,568		1,258	1,258		1,258	1,258		
	CON	6,350	6,350		6,050	6,050		10,650	10,650		5,850	5,850		
	TNG													
	OPS													

PROJECT	PHASE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)			FY '17 (Oct. 1, 2016 - Sept. 30, 2017)			FY '18 (Oct. 1, 2017 - Sept. 30, 2018)			FY '19 (Oct. 1, 2018 - Sept. 30, 2019)			FUNDING CATEGORY
		TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	
Route 20 (Tiyan Parkway), Phase II	DES												GARVEE / THP	
Route 14B (Ypao Road) Reconstruction and Widening (Route 1 to Route 14)	DES												GARVEE / THP	
	CON	30,000	30,000		30,000	30,000							GARVEE / THP	
Sub-Total (GARVEE Projects)	DES													
	CON	17,600	17,600		47,600	47,600								

PROJECT	PHASE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)			FY '17 (Oct. 1, 2016 - Sept. 30, 2017)			FY '18 (Oct. 1, 2017 - Sept. 30, 2018)			FY '19 (Oct. 1, 2018 - Sept. 30, 2019)			FUNDING CATEGORY
		TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	
Route 3A Pavement Restoration	DES												1934 / THP	
Sub-Total (Section 1934 Projects)	DES	688	688											
	CON	688	688											

GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2016-2019  
 Guam Islandwide Program Management Services

PHASE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)		FY '17 (Oct. 1, 2016 - Sept. 30, 2017)		FY '18 (Oct. 1, 2017 - Sept. 30, 2018)		FY '19 (Oct. 1, 2018 - Sept. 30, 2019)		
	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)
DES	2,121	2,121	-	302	1,200	1,200	-	-	-
ROW	2,342	2,342	-	392	2,818	2,818	-	-	-
CON	18,879	13,254	5,625	56,782	1,258	1,258	1,200	1,200	1,200
TNG	-	-	-	-	-	-	7,223	7,223	7,223
OPS	6,350	6,350	-	6,050	10,650	10,650	5,650	5,650	5,650
Totals	29,692	24,067	5,625	63,526	15,926	15,926	14,273	14,273	14,273

PROJECT TYPE	FY '16 (Oct. 1, 2015 - Sept. 30, 2016)		FY '17 (Oct. 1, 2016 - Sept. 30, 2017)		FY '18 (Oct. 1, 2017 - Sept. 30, 2018)		FY '19 (Oct. 1, 2018 - Sept. 30, 2019)		
	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)
THP	19,302	13,677	5,625	4,006	4,018	4,018	7,165	7,165	7,165
ROADWAY AND BRIDGE PROJECTS	9,702	9,702	-	11,920	11,908	11,908	7,108	7,108	7,108
ISLANDWIDE PROJECTS	-	-	-	47,600	47,600	-	-	-	-
GARVEE PROJECTS	688	688	-	-	-	-	-	-	-
SECTION 1934 PROJECTS	-	-	-	-	-	-	-	-	-
Totals	29,692	24,067	5,625	63,526	15,926	15,926	14,273	14,273	14,273

## GUAM TERRITORIAL IMPROVEMENT PROGRAM (GTIP)

### PUBLIC MEETING AND REVIEW PERIOD November 17, 2015

A public meeting was held on November 17, 2015 for the Guam Territorial Improvement Program for Fiscal Years 2016 to 2019 at the Tamuning Mayor's Office at 6:00 PM ChST.

#### ATTENDEES

Seven (7) people were in attendance during the public meeting. Attendees were afforded the opportunity to review the draft Guam Territorial Improvement Program (GTIP) for Fiscal Years 2015 to 2019 (FY2015-2019) and ask questions of the subject matter experts from the Department of Public Works and the Program Management Team.

#### PUBLIC REVIEW PERIOD

During the public review period, five (5) comments were received from the public.

One (1) comment was received regarding the need to acquire land for the projects.

#### Response:

- Of the thirteen (13) construction project listed on the draft GTIP for FY2015-2019 nine (9) of the projects will need to acquire land (Right-of-Way) for the project to be constructed.

One (1) comment was received regarding the future development of Route 8, Canada Toto Loop Road as a 4-way intersection and making improvements to Mariner Avenue as the connecting 4th leg of this intersection and also connecting Mariner Avenue to Route 16.

#### Response:

- Improvement to Mariner Avenue including its extension to the intersection of Route 8 at Canada Toto and extension to Route 16 was not included in the 2030 Guam Transportation Plan which is the basis for identifying projects to be funded by federal-aid sources. The Department of Public Works is considering alternate funding concepts to potentially develop Mariner Avenue with local funds, such as Grants or partnering with other agencies.

One (1) comment was received regarding the condition of Route 15 (Dairy Road and Maimai Road) and that the 2030 Guam Transportation Plan which does not show this section of Route 15 until project years 2028-2030. A particular emphasis was made on the need to make repairs to Maimai road.

#### Response:

- Given the fiscal constraints for the GTIP FY2016-2019 this project could not be added along with other roadway needing repair or reconstruction. Should additional funding be identified, Route 15 Dairy Road and Maimai Road could be added to the GTIP by amendment.

One (1) comment was received regarding an upcoming Guam Waterworks Authority (GWA) waterline replacement project on Route 15, Maimai Road and asked if the Department of Public

Works would consider coordinating road improvements to Maimai Road in conjunction with GWA constructing their waterline replacement project.

**Response:**

- It is the understanding of the Department of Public Works that GWA will be constructing their waterline project substantially sooner than any roadway project which would be funded through federal-aid sources. At this time the Department of Public Works does not have any plans to coordinate road repair/reconstruction work on this section of Route 15 in conjunction with GWA waterline project. Note that the standard DPW policy for road restoration on utility projects would have to be met by the GWA project, thus repaving the lane which was excavated during the waterline installation.

One (1) written comment was received regarding the Guam Regional Transit Authority. The following are all the comments received regarding this topic:

- Comment regarding the 2030 Guam Transportation Plan which shows transit planning and the status \$20 million which has been mentioned in previous GTIP's for the purchase of new transit vehicles.
- Comment regarding transit ridership complaints concerning the American with Disability Act (ADA) at sidewalks, intersections and bus stop locations.
- Comment regarding bus turnout locations and why these are not available in locations other than San Vitores Road in Tumon.

**Response:**

- The 2030 Guam Transportation Plan does have a section (Section 5.6) indicating that the Territorial Transportation Improvement Program (TTIP now referred to as GTIP) at that time had identified \$20 million to acquire 50 new vehicles. This was a planning item only and the Department of Public Works working with the Federal Highway Administration (FHWA) did not pursue this other than to include it as a planning item in the 2030 Guam Transportation Plan. It is suggested that the Guam Regional Transit Authority (GRTA) pursue a grant or other discretionary funding through the Federal Transit Authority (FTA) since this type of transportation funding is outside the scope of FHWA. Specifically, the new 5-year transportation funding bill, the FAST Act (Fixing America's Surface Transportation Act) has programmed \$696M in discretionary grant funding for buses and bus facilities. This is an increase of \$268M over the MAP-21 funding. We suggest that GRTA pursue this funding with a grant application to FTA as a means to fund the needed buses. More information on the Bus and Bus Facilities Program: Guidance and Application Instructions can be found at: [http://www.fta.dot.gov/legislation\\_law/12349\\_16071.html](http://www.fta.dot.gov/legislation_law/12349_16071.html)
- When the Department of Public Works develops a road project, ADA requirements at sidewalks and intersections are always reviewed for compliance with current standards. If these facilities are found not to comply, necessary improvements are made part of the project design and construction to bring them up to current standards.
- The Department of Public Works has not funded with federal-aid sources the bus turnout locations along San Vitores Road in Tumon.

See the following pages for a copy of the public notice advertisement and a follow-up newspaper article.





The following advertisement was published in the Pacific Daily News on November 12, 2015 and in the Guam Daily Post on November 16, 2015:

**DEPARTMENT OF PUBLIC WORKS  
NOTICE OF PUBLIC MEETING**

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM**

**Tuesday, November 17, 2015  
Tamuning Community Center  
6:00 PM - 8:00 PM**

The GTIP provides a near-term improvement program that is financially feasible and depicts the Department of Public Works' priorities for the expenditure of its federal-aid funding program for the fiscal period 2016 to 2019.

For more information contact:  
Guam Transportation Information Center  
Telephone: 646-3452  
Email: [helpdesk@guamtransportationprogram.com](mailto:helpdesk@guamtransportationprogram.com)  
Visit: [www.guamtransportationprogram.com](http://www.guamtransportationprogram.com)



*This ad was paid for by the Department of Public Works federal-aid funding program through funds received from the Federal Highway Administration (FHWA).*

The following article was published in the Guam Daily Post on November 19, 2015:

6 LOCAL *Post!* Haha? You're in the Local section of the Post. The news that concerns you the most. Do you have a news tip? Feel free to reach out to our Managing Editor Gerry Parikio at gerry@postguam.com

GUAM DAILY POST • THURSDAY, NOVEMBER 19, 2015

# Major road upgrade projects lined up through FY 2019

By Jasmine Stole  
jasmine@postguam.com

The Guam Transportation Improvement Program includes a number of major road projects anticipated to begin in the next four fiscal years, all of which will be paid for with millions of dollars in federal highway program funds.

At an open house gathering on Tuesday, GTIP personnel provided information outlining road and bridge projects that are ongoing and upcoming. The meeting was held at the Tamuning Senior Citizens Center to provide the public an opportunity to find out more about upcoming GTIP road work.

"(It) is about presenting the plan for the next four years of spending of federal monies that go to roads and bridges on Guam. We have to put forward a balanced plan that adds up, and account for the money that comes here and put it together and schedule the work," said Jeff Wilson, design manager with Parsons Brinckerhoff.

No one from the public attended Tuesday's open house but the information presented will also be available on the GTIP's website.

About 13 projects were on the GTIP project list for fiscal year 2016 through fiscal year 2019, with some of them already in the works. Most projects are listed for work to begin in fiscal year 2016 or 2017, including the reconstruction and widening of Ypao Road in Tamuning, the pavement

## Guam Transportation Improvement Program 2016-2019 plans

Major road projects lined up through fiscal 2019

Project	Fiscal year	Cost
Route 20 Tiyon Parkway Phase II	2016-2017	\$30M
Route 14B (Ypao Road) widening	2016-2017	\$17.6M
Route 3A pavement restoration	2016	\$735,000
Ajayan Bridge replacement	2016	\$3M
Route 1 signalized pedestrian crossing Chamorro Village	2016	\$281,000
Route 5 and portion Route 12 widening	2016	\$11.2M
Route 8/Canada-Toto loop improvement	2016	\$720,000
Route 14 resurfacing	2019	\$5.9M
Aplacho Bridge replacement	2017	\$3.8M
Islandwide safety projects	2016-2019	\$2M
Traffic signal upgrade islandwide Phase 1	2016	\$1.6M
Traffic signal upgrade islandwide Phase 2	2016-2017	\$2M

Source: GTIP

restoration of Route 3A in Yigo, from Potts Junction to Andersen Air Force Base Northwest field and the Ajayan bridge replacement in Inarajan.

All but one of the projects listed would be funded through the Territorial Highway Program or the Grant Anticipate Revenue Vehicles bond. The reconstruction and widening of Route 5 and part of Route 12 in Piti. According to GTIP information, the project would be partially funded with local resources.

For the projects that need it, the Territorial Highway Program or GARVEE bond money would take

care of design and right-of-way costs. Tuesday night's meeting focused on projects planned over the next four fiscal years, but also included information about five ongoing projects that are part of the Guam Transportation Program.

### Road projects

As of October, five road projects that are part of the Guam Transportation Plan are underway, including the Agana bridge replacement on Chalan Santo Papa, Route 17 rehabilitation and widening, Route 25/26 improvements and Bile/Pigua Bridge replacements.

Some ongoing projects have exceeded their originally projected completion date. One example is the Agana bridge replacement, which although it is 99 percent complete, will be done in January 2016 not September this year. Another is the work on the Bile/Pigua bridges, which as of October was 1 percent complete.

Wilson said while it is difficult to point to one reason why projects are delayed, he said acquisition of right of way is a process that usually takes a lot of time. "Acquisition of right of way is strictly controlled by the federal government," Wilson said. Federal law dictates equitable treatment and assistance for people whose lands in America are acquired with federal money.

"The challenge here in Guam is that there are a lot of records that are not as complete as they could be and a lot of times, people (die) and we have to contact 10 heirs, 20 heirs, more than that in order to make sure we follow all the rules in talking to everybody," Wilson said. "It just seems to take an awful long time."

For more information about the GTIP and construction projects related to the program, visit the Guam Transportation Program website. Residents are still able to submit comments about the program through email or at 646-3452.