



The Honorable  
**EDDIE BAZA CALVO**  
 Governor

The Honorable  
**RAY S. TENORIO**  
 Lieutenant Governor



**public works**  
 DIPATTAMENTON CHE'CHO' PUPBLEKO

**Glenn Leon Guerrero**  
 Director

**Felix C. Benavente**  
 Deputy Director

17-1505

SEP 07 2017

**Mr. Ralph Rizzo**

Division Administrator  
 Federal Highway Administration, Hawaii Division  
 300 Ala Moana Blvd., Room 3-306  
 Box 50206  
 Honolulu, HI 96850

**Ref: Guam Transportation Improvement Program – Amendment No. 1  
 (FY2016-2019)**

Dear Mr. Rizzo:

Please find attached the Guam Transportation Improvement Program for Fiscal Years 2016 – 2019 Amendment No. 1. This Guam Transportation Improvement Program - FY 2016 – 2019 Amendment No. 1 provides a near-term improvement plan that is financially feasible and depicts the Guam Department of Public Works' priorities for the expenditures of federal funds for the noted fiscal period.

Should you have any questions, please contact Mr. Joaquin Blaz at 671-649-3128.

Sincerely,

**GLENN LEON GUERRERO**

APPROVED BY: Date: 9/7/2017

Enclosure: Guam Transportation Improvement Program  
 FY2016-2019 Amendment No. 1

**Richelle M. Takara, P.E.**  
 Assistant Division Administrator  
 FHWA- Hawaii Division

SBilong/JBlaz  
 9/05/17

**GUAM TRANSPORTATION  
IMPROVEMENT PROGRAM  
AMENDMENT NO. 1  
FY 2016-2019**

AUGUST 2017



The Government of Guam  
Department of Public Works

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and



U.S. Department of Transportation  
Federal Highway Administration

# Government of Guam

## APPROVAL OF THE GUAM TRANSPORTATION IMPROVEMENT PROGRAM FY 2016–FY 2019 AMENDMENT NO. 1

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 as amended.

APPROVED this 7<sup>th</sup> day of Sept., 2017

By: \_\_\_\_\_

  
Glenn Leon Guerrero, Director, Department of Public Works

## GTIP AMENDMENT NARRATIVE

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. The list of projects is a product of a consensus building process that was carried out by the DPW in cooperation with local villages, utility providers, the local government agencies and Federal government agencies.

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:

Fiscal Year	Funding Source	Amount
2016	THP	\$17,809,000
2017	THP	\$21,583,000
	Section 1934 Funds	\$676,000
	DAR	\$300,000
2018	THP	\$18,000,000
	GARVEE	\$17,600,000
2019	THP	\$15,400,000
	GARVEE	\$35,000,000

The table on the following pages represent the Guam Department of Public Works priorities and implementation plan for the expenditure of federal funds for the Federal Fiscal years 2016 – 2019.

GUAM TRANSPORTATION IMPROVEMENT PROGRAM

FY 2016-2019 Amendment No. 1

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM  
AMENDMENT NO. 1  
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)	
Aiyen Bridge Replacement	DES													THP
	CON	3,021	3,021											
Route 1, Signalized Pedestrian Crossing at Chamorro Village	DES													THP
	CON	288	288											
Route 5 & portion of Route 12 Reconstruction & Widening	DES	120	120											THP
	CON							11,250	5,625	5,625				
Route 8/Canada Toto Loop Road Intersection Improvements	DES	20	20											THP
	CON	640	640											
Aplacho Bridge Replacement	DES													THP
	CON	2,121	2,121		16	16	3,943	3,943						
Route 20 (Tiyan Parkway), Phase II	DES													GARVEE / THP
	CON													
Route 20 (Tiyan Parkway) Structure Demolition, Phase 1	DES													THP
	CON	616	616											
Route 20 (Tiyan Parkway) Structure Demolition, Phase 2	DES				15	15				35				THP
	CON									2,065	2,065			
Route 10A (Airport Road/Chalan Passajeros) Reconstruction and Widening, Phase 1	DES													THP
	CON				392	392								
Route 10A Reconstruction and Widening, GAAA to Route 16	DES				368	368								THP
	CON													



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ISLANDWIDE PROJECTS		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
PROJECT	PHASE	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		THP
Islandwide Safety Projects	DES													
	ROW													
	CON	718	718		649	649		599	599		1,274	1,274		THP
Traffic Signal System Upgrade Islandwide, Phase 1	DES	30	30											
	CON	1,827	1,827											THP
Traffic Signal System Upgrade Islandwide, Phase 2	DES													
	CON			430			430							THP
Traffic Management Center - Communicators	DES			15			15							
	ROW													
	CON			287			287							THP
Traffic Signal System Equipment	ECP			230			230							THP
Program Administration and Operators	OPS	1,566	1,566		1,576	1,576		1,576	1,576		1,576	1,576		THP
Islandwide Bridge Inspection Services	OPS	572	572		501	501		300	300		500	500		THP
Islandwide Program Management Services	OPS	4,215	4,215		5,000	5,000		4,500	4,500		4,500	4,500		THP
Guam Transportation Training Program	TNG	25	25		25	25								THP
National Summer Transportation Institute Program	TNG	20	20		20	20								THP
GARVEE Repayment	OPS							2,600	2,600		5,000	5,000		THP
Sub-Total (Islandwide Projects)	DES	-	-	15	-	-	15	-	-	-	-	-	-	
	ROW	30	30	430	430	430	430							
	CON	2,545	2,545	936	936	936	936	599	599		1,274	1,274		
	ECP	-	-	230	230	230	230							
	TNG	45	45	45	45	45	45							
OPS	6,503	6,503	7,227	7,227	7,227	7,227	9,126	9,126	9,126	11,726	11,726	11,726		

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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)	
Route 20 (Tiyao Parkway), Phase II	DES									
	ROW									
	CON							35,000	35,000	
Route 14B (Ypao Road) Reconstruction and Widening (Route 1 to Route 14)	DES									
	ROW									
	CON				17,600	17,600				
Sub-Total (GARVEE Projects)	DES	-	-	-	-	-	-	-	-	-
	ROW	-	-	-	-	-	-	-	-	-
	CON	-	-	-	17,600	17,600	-	-	35,000	35,000

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)	
Route 3A, Pavement Restoration	DES									
	ROW									
	CON				676	676				
Sub-Total (Section 1934 Projects)	DES	-	-	-	-	-	-	-	-	-
	ROW	-	-	-	-	-	-	-	-	-
	CON	-	-	-	676	676	-	-	-	-

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)	
Bridge Reconstruction and Under Pavement Infrastructure Reft	DES									
	ROW									
	CON				300	300				
Sub-Total (DAR Projects)	DES	-	-	-	-	-	-	-	-	-
	ROW	-	-	-	-	-	-	-	-	-
	CON	-	-	-	300	300	-	-	-	-



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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	2,241	2,241	-	748	-	585	-	-	-
ROW	1,910	1,910	-	1,838	1,838	-	-	-	-
CON	7,110	7,110	-	12,471	12,471	-	31,514	25,889	5,625
EQP	-	-	-	230	230	-	-	-	-
TNG	45	45	-	45	45	-	-	-	-
OPS	6,503	6,503	-	7,227	7,227	-	9,126	9,126	-
Totals	17,809	17,809	-	22,559	22,559	-	41,225	35,600	5,625

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									
ROADWAY AND BRIDGE PROJECTS	8,686	8,686	-	12,700	12,700	-	13,900	8,275	5,625
ISLANDWIDE PROJECTS	9,123	9,123	-	8,883	8,883	-	9,725	9,725	-
GARVEE PROJECTS	-	-	-	-	-	-	17,600	17,600	-
SECTION 1934 PROJECTS	-	-	-	676	676	-	-	-	-
DEFENSE ACCESS ROAD PROJECTS	-	-	-	300	300	-	-	-	-
Totals	17,809	17,809	-	22,559	22,559	-	41,225	35,600	5,625