

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

AUGUST 2017



The Government of Guam
Department of Public Works

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 7th 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
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FY 2016 - FY 2019 PROJECT LISTING**

ROADWAY AND BRIDGE PROJECTS														
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													THP
	ROW													
	CON	3,021	3,021											
Route 1, Signalized Pedestrian Crossing at Chamorro Village	DES													THP
	ROW													
	CON	288	288											
Route 5 & portion of Route 12 Reconstruction & Widening	DES	120	120											THP
	ROW													
	CON						11,250	5,625	5,625					
Route 8/Canada Toto Loop Road Intersection Improvements	DES													THP
	ROW	20	20											
	CON	640	640											
Aplacho Bridge Replacement	DES													THP
	ROW				16	16								
	CON				3,943	3,943								
Route 20 (Tiyon Parkway), Phase II	DES	2,121	2,121											GARVEE / THP
	ROW													
	CON													
Route 20 (Tiyon Parkway) Structure Demolition, Phase 1	DES													THP
	ROW													
	CON	616	616											
Route 20 (Tiyon Parkway) Structure Demolition, Phase 2	DES				15	15		35	35					THP
	ROW													
	CON						2,065	2,065						
Route 10A (Airport Road/Chalan Pasajeros) Reconstruction and Widening, Phase 1	DES													THP
	ROW				392	392								
	CON													
Route 10A Reconstruction and Widening, GIAA to Route 16	DES				368	368								THP
	ROW													
	CON													

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ROADWAY AND BRIDGE PROJECTS														
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 27, Finegayan Road Reconstruction and Drainage Improvements, (Harmon Cutoff, Tamuning)	DES													THP
	ROW													
	CON													
Route 14B (Ypao Road) Reconstruction and Widening (Route 1 to Route 14)	DES													GARVEE / THP
	ROW	1,860	1,860											
	CON													
Route 3A, Pavement Restoration	DES													1934 / THP
	ROW													
	CON				416	416								
Route 1 Resurfacing (Asan-Piti and Yigo-Dededo)	DES													THP
	ROW													
	CON				6,500	6,500								
Route 8 Resurfacing (Barrigada and Mongmong Toto Maite)	DES													THP
	ROW				1,000	1,000								
	CON													
Route 10 Safety Improvements	DES				50	50		550	550					THP
	ROW													
	CON										2,400	2,400		
Sub-Total (Roadway and Bridge Projects)	DES	2,241	2,241	-	433	433	-	585	585	-	-	-	-	
	ROW	1,880	1,880	-	1,408	1,408	-	-	-	-	-	-	-	
	CON	4,565	4,565	-	10,859	10,859	-	13,315	7,690	5,625	2,400	2,400	-	

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ISLANDWIDE PROJECTS														
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		THP
Islandwide Safety Projects	DES													THP
	ROW													
	CON	718	718		649	649		599	599		1,274	1,274		
Traffic Signal System Upgrade Islandwide, Phase 1	DES													THP
	ROW	30	30											
	CON	1,827	1,827											
Traffic Signal System Upgrade Islandwide, Phase 2	DES													THP
	ROW				430	430								
	CON													
Traffic Management Center - Communications	DES				15	15								THP
	ROW													
	CON				287	287								
Traffic Signal System Equipment	EQP				230	230								THP
Program Administration and Operations	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	-	-	-	-	-	-	-	
	CON	2,545	2,545	-	936	936	-	599	599	-	1,274	1,274	-	
	EQP	-	-	-	230	230	-	-	-	-	-	-	-	
	TNG	45	45	-	45	45	-	-	-	-	-	-	-	
	OPS	6,503	6,503	-	7,227	7,227	-	9,126	9,126	-	11,726	11,726	-	

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

SECTION 1934 PROJECTS														
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
	ROW													
	CON				676	676								
Sub-Total (Section 1934 Projects)	DES	-	-	-	-	-	-	-	-	-	-	-	-	
	ROW	-	-	-	-	-	-	-	-	-	-	-	-	
	CON	-	-	-	676	676	-	-	-	-	-	-	-	

DEFENSE ACCESS ROAD PROJECTS														
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)	
Bridge Reconstruction and Under Pavement Infrastructure Refit	DES				300	300								DAR
	ROW													
	CON													
Sub-Total (DAR Projects)	DES	-	-	-	300	300	-	-	-	-	-	-	-	
	ROW	-	-	-	-	-	-	-	-	-	-	-	-	
	CON	-	-	-	-	-	-	-	-	-	-	-	-	

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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)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)
	DES	2,241	2,241	-	748	748	-	585	585	-	-	-	-
	ROW	1,910	1,910	-	1,838	1,838	-	-	-	-	-	-	-
TOTAL EXPENDITURES	CON	7,110	7,110	-	12,471	12,471	-	31,514	25,889	5,625	38,674	38,674	-
	EQP	-	-	-	230	230	-	-	-	-	-	-	-
	TNG	45	45	-	45	45	-	-	-	-	-	-	-
	OPS	6,503	6,503	-	7,227	7,227	-	9,126	9,126	-	11,726	11,726	-
	Totals	17,809	17,809	-	22,559	22,559	-	41,225	35,600	5,625	50,400	50,400	-

EXPENDITURE SUMMARY	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)	TOTAL (x \$1000)	FEDERAL (x \$1000)	LOCAL (x \$1000)
PROJECT TYPE												
THP												
ROADWAY AND BRIDGE PROJECTS	8,686	8,686	-	12,700	12,700	-	13,900	8,275	5,625	2,400	2,400	-
ISLANDWIDE PROJECTS	9,123	9,123	-	8,883	8,883	-	9,725	9,725	-	13,000	13,000	-
GARVEE PROJECTS	-	-	-	-	-	-	17,600	17,600	-	35,000	35,000	-
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	50,400	50,400