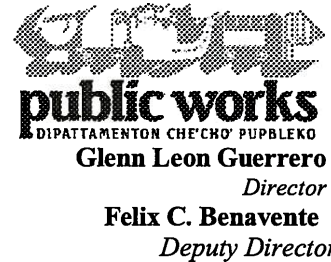


*The Honorable*  
**Eddie Baza Calvo**  
*Governor*

*The Honorable*  
**Ray Tenorio**  
*Lieutenant Governor*



**Glenn Leon Guerrero**  
*Director*  
**Felix C. Benavente**  
*Deputy Director*

June 12, 2015

Ms. Mayela Sosa  
Division Administrator  
Federal Highway Administration, Hawaii Division  
300 AlaMoana Blvd., Room 3-306  
Box 50206  
Honolulu, HI 96850

Attn: Ms. Richelle Takara, P.E.  
Transportation Engineer

**Re: Guam Transportation Improvement Program – Amendment No. 3  
(FY 2012-2015)**

Dear Ms. Sosa:

Please find attached, the Guam Transportation Improvement Program for Fiscal Years 2012 – 2015 Amendment No. 3. This Guam Transportation Improvement Program – FY 2012-2015 Amendment 3 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**

I CONCUR:

Date: 6/12/15

Mayela Sosa  
Division Administrator

BY:   
Richelle M. Takara, P.E.  
Transportation Engineer  
FHWA – Hawaii Division

SBilong/JBlaz  
6/12/15

Enclosure: Guam Transportation Improvement Program FY12-15 Amendment 3

cc: Michael Lanning, PTG  
Jeff Wilson, Parsons Brinckerhoff  
Nora Camacho, Parsons Brinckerhoff

GUAM TRANSPORTATION  
IMPROVEMENT PROGRAM  
AMENDMENT NO. 3  
FY 2012-2015

May 2015



The Government of Guam  
Department of Public Works

and



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

US Department of Transportation  
Federal Highway Administration

Prepared by:

***Parsons Brinckerhoff, Inc.***

Guam International Trade Center  
590 South Marine Corps Dr., Suite 421  
Tamuning, Guam, GU 96913

## Government of Guam

### APPROVAL OF THE GUAM TRANSPORTATION IMPROVEMENT PROGRAM Fiscal Years 2012 – 2015 AMENDMENT NO. 3

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 and that the FHWA will review and approve the Guam Transportation Improvement Program; and;

WHEREAS, the Guam Transportation Improvement Program is developed and updated every two years 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 adopted 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 2012 -2015, as amended.

APPROVED this 12<sup>th</sup> day of January, 2015

By   
Glenn Leop Guerrero, Director, Department of Public Works

## GTIP AMENDMENT NARRATIVE

The Government of Guam Department of Public Works (DPW) developed the Guam Transportation Improvement Program (GTIP) for the federal fiscal years 2012-2015. For fiscal year 2012 the GTIP was prepared in accordance with the requirements of the Safe Accountable Flexible Efficient Transportation Equity Act – A Legacy for Users (SAFETEA-LU). For fiscal years 2013 and 2014, the applicable legislation is entitled Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21). This document is adjunct to the 2030 Guam Transportation Plan, Guam's long range (20+ year) multimodal transportation strategy. The GTIP provides a near-term improvement plan that is financially feasible 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. The list of projects is a product of a consensus building process that was carried out by the Department of Public Works in cooperation with local villages, utility providers, the local government agencies and Federal government agencies.

Projects contained in the FY2012-2015 GTIP were selected to address safety issues, pavement and bridge conditions and to provide traffic operational improvements. Funding for Guam transportation projects will come from several sources, but largely from the federal Territorial Highway Program (THP).

In July 2013, the GTIP was amended to reflect changes in funding levels and priority projects. The GTIP is a budgeting document that indicates which projects will be implemented in the current four year period and as such, given the changes in funding levels, projects were reprogrammed. At that time, the total amount of funding that the DPW anticipated over the four year life of the GTIP was \$135,642,688. In July of 2014, the GTIP was amended a second time.

Once again, the FY2012-2015 GTIP must be amended. Two major changes result in this amendment. The Route 3, Route 28 to Chalan Kareta project, funded by the U.S. Department of Defense, as part of the Defense Access Road (DAR) program, was added to FY2015. Secondly, all projects that were to be financed through Grant Anticipation Revenue Vehicle Bonds (GARVEE) were removed from this GTIP, as the DPW anticipates pursuing a GARVEE at a later time.

The table below provides a summary of the funding that DPW anticipates over the four year life of the GTIP FY 2012-2015 Amendment No. 3.

<b>FISCAL YEAR</b>	<b>SOURCE</b>	<b>AMOUNT</b>
2012	Emergency Relief (ER) Funds	\$ 6,354,505
	Section 1934	\$ 3,484,357
	THP	\$ 23,690,514
2013	THP	\$ 15,333,436
2014	THP	\$ 15,204,124
	DAR	\$ 8,658,000
2015	THP	\$ 15,168,000
	DAR	\$ 65,430,000
<b>TOTAL</b>		<b>\$153,322,936</b>

The tables 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 2012 – 2015.

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM  
AMENDMENT NO. 3  
FY 2012 - FY 2015 PROJECT LISTING**

SECTION 1934 PROJECTS														
PROJECT	PHASE	FY '12 (Oct 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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)	
Construct Route 3A Extension, Municipality of Yigo (Jinapsan Beach Road)	DES													1934 / THP
	ROW													
	CON	2,070	2,070											
Replacement of Welded Steel Petroleum Distribution Piping and Appurtenances	DES													1934 / THP
	ROW													
	CON	2,834	2,834											
<b>Sub-Total (Section 1934 Projects)</b>	DES	-	-	-	-	-	-	-	-	-	-	-	-	
	ROW	-	-	-	-	-	-	-	-	-	-	-	-	
	CON	<b>4,904</b>	<b>4,904</b>	-	-	-	-	-	-	-	-	-	-	

EMERGENCY RELIEF PROJECTS														
PROJECT	PHASE	FY '12 (Oct 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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)	
Inarajan North Leg (As-Misa) Bridge Rehabilitation	DES													ER / THP
	ROW													
	CON				2,770	2,770								
Route 4 Agfayan Bridge Replacement	DES													ER / THP
	ROW													
	CON	5,638	5,638											
Route 4 Merizo Bridge Approach and Roadway Embankment Restoration	DES													ER
	ROW										115	115		
	CON													
<b>Sub-Total (Emergency Relief Projects)</b>	DES	-	-	-	-	-	-	-	-	-	-	-	-	
	ROW	-	-	-	-	-	-	-	-	-	115	115	-	
	CON	<b>5,638</b>	<b>5,638</b>	-	<b>2,770</b>	<b>2,770</b>	-	-	-	-	-	-	-	

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2012-2015 Amendment No. 3**

ROADWAY AND BRIDGE PROJECTS														
PROJECT	PHASE	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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)	
Inarajan North Leg (As-Misa) Bridge Rehabilitation	DES													ER / THP
	ROW													
	CON				120	120								
Route 4 Agfayan Bridge Replacement	DES													ER / THP
	ROW													
	CON	231	231											
Route 1 over Asan and Aguada Rivers - Bridge Rehabilitation	DES													THP
	ROW													
	CON	1,440	1,440											
Route 4, Togcha River to Ipan Beach Park	DES													THP
	ROW													
	CON				840	840								
Route 4 Storm Water Drainage (From McDonalds to Route 10)	DES	180	180											THP
	ROW													
	CON													
Route 4 Drainage at Manell Channel	DES	150	150											THP
	ROW													
	CON													
Route 5 & portion of Route 12 Reconstruction & Widening	DES							540	540					THP
	ROW													
	CON													
Route 8/Canada Toto Loop Road Intersection Improvements	DES				138	138								THP
	ROW										20		20	
	CON										864	864		
Aplacho Bridge Replacement	DES													THP
	ROW										15	15		
	CON													
Route 17 Rehabilitation & Widening, Phase-2A (Replacement of Drainage Culverts and Road Spot Repairs, from Chalan Tun Ramon Baza Street to Route 5)	DES													THP
	ROW													
	CON				3,067	3,067								
Route 26 Reconstruction and Widening (Route 1 to Route 15)	DES													THP
	ROW	200	200											
	CON													
Route 26/Route 25 Intersection Improvements	DES													THP
	ROW													
	CON				3,901	3,901								
Route 27, Finegayan Road Reconstruction and Drainage Improvements, (Harmon Cutoff, Tamuning) - Phase 1	DES													THP
	ROW	1,400	1,400											
	CON													
Route 33 (Planning Study)	DES	100	100											THP
	ROW													
	CON													
Tiyán Parkway, Phase I	DES	515	515											THP
	ROW	5,813	5,813					17	17					
	CON							8,810	8,810					

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2012-2015 Amendment No. 3**

ROADWAY AND BRIDGE PROJECTS (CONTINUED)														
PROJECT	PHASE	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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 10A (Airport Road/Chalan Pasajeros) Reconstruction and Widening - Phase 2	DES										715	715		THP
	ROW													
	CON													
Route 14B (Ypao Road) Reconstruction and Widening (Route 1 to Route 14)	DES													THP
	ROW	50	50											
	CON													
Route 14 Resurfacing (Route 1 to Archbishop Felixberto Flores Circle)	DES										485	485		THP
	ROW													
	CON													
Bile/Pigua Bridge Replacements	DES													THP
	ROW													
	CON						4,399	4,399						
Replacement of Welded Steel Petroleum Distribution Piping and Appurtenances	DES													1934 / THP
	ROW													
	CON	123	123											
Construct Route 3A Extension, Municipality of Yigo (Jinapsan Beach Road)	DES													1934 / THP
	ROW													
	CON	90	90											
Route 1 Resurfacing (Yigo and Asan-Piti)	DES													THP
	ROW													
	CON						350	350						
<b>Sub-Total (Roadway and Bridge Projects)</b>	<b>DES</b>	<b>945</b>	<b>945</b>	<b>-</b>	<b>138</b>	<b>138</b>	<b>-</b>	<b>540</b>	<b>540</b>	<b>-</b>	<b>1,200</b>	<b>1,200</b>	<b>-</b>	
	<b>ROW</b>	<b>7,463</b>	<b>7,463</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>17</b>	<b>17</b>	<b>-</b>	<b>35</b>	<b>15</b>	<b>20</b>	
	<b>CON</b>	<b>1,884</b>	<b>1,884</b>	<b>-</b>	<b>7,928</b>	<b>7,928</b>	<b>-</b>	<b>13,559</b>	<b>13,559</b>	<b>-</b>	<b>864</b>	<b>864</b>	<b>-</b>	



**GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2012-2015 Amendment No. 3**

ISLANDWIDE PROJECTS														
PROJECT	PHASE	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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	200	200		150	150		150	150		150	150		THP
Islandwide Safety Projects	DES													THP
	ROW													
	CON	4,163	4,163		1,565	1,565					2,273	2,273		
Traffic Signal System Upgrade Islandwide	DES													THP
	ROW										50	50		
	CON										2,158	2,158		
Americans with Disabilities Act Compliance	DES	150	150								72	72		THP
	ROW													
	CON										680	680		
Disadvantaged Business Enterprise Supportive Services	OPS				9	9								THP
Program Administration and Operations	OPS				700	700		500	500		850	850		THP
Islandwide Program Management Services	OPS	8,482	8,482		4,823	4,823		418	418		6,400	6,400		THP
National Summer Transportation Institute Program	TNG				20	20		20	20					THP
Guam Transportation Training Program	TNG	404	404											THP
<b>Sub-Total (Islandwide Projects)</b>	DES	150	150	-	-	-	-	-	-	-	72	72	-	
	ROW	-	-	-	-	-	-	-	-	-	50	50	-	
	CON	4,163	4,163	-	1,565	1,565	-	-	-	-	5,111	5,111	-	
	TNG	404	404	-	20	20	-	20	20	-	-	-	-	
	OPS	8,682	8,682	-	5,682	5,682	-	1,068	1,068	-	7,400	7,400	-	

DEFENSE ACCESS ROAD PROJECTS														
PROJECT	PHASE	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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 1 / Route 3 Intersection Improvements	DES													DAR
	ROW													
	CON							8,658	8,658					
Route 3, Route 28 to Chalan Kareta	DES													DAR
	ROW													
	CON										65,430	65,430		
<b>Sub-Total (DAR Projects)</b>	DES	-	-	-	-	-	-	-	-	-	-	-	-	
	ROW	-	-	-	-	-	-	-	-	-	-	-	-	
	CON	-	-	-	-	-	-	8,658	8,658	-	-	65,430	-	

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2012-2015 Amendment No. 3**

TRANSIT PROJECTS																	
		FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)			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)				
SECTION 5339	Capital Investment Grants for Bus and Bus Related Facilities	TRN	-			499	499			500	500			500	500		FTA
SECTION 5309	Discretionary Bus and Bus Facilities Program	TRN	1,305	1,305													FTA
SECTION 5310	Enhanced Mobility for Seniors and Individuals with Disabilities	TRN	161	161		53	53			45	45			45	45		FTA
SECTION 5311 & 5311(b)(3)	Other than Urbanized Area Formula Program & RTAP	TRN	477	477		808	808			810	810			810	810		FTA
SECTION 5311	Carryover from FY2012	TRN				200	200										
SECTION 5316	Job Access & Reverse Commute Program	TRN	82	82													FTA
SECTION 5317	New Freedom Program	TRN	22	22													FTA
<b>Sub-Total (Transit Projects)</b>		<b>TRN</b>	<b>2,047</b>	<b>2,047</b>		<b>1,560</b>	<b>1,560</b>			<b>1,355</b>	<b>1,355</b>			<b>1,355</b>	<b>1,355</b>	<b>-</b>	

**GUAM TRANSPORTATION IMPROVEMENT PROGRAM – FY 2012-2015 Amendment No. 3**

	PHASE	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)		
		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)
<b>TOTAL EXPENDITURES</b>	<b>DES</b>	1,095	1,095	-	138	138	-	540	540	-	1,272	1,272	-
	<b>ROW</b>	7,463	7,463	-	-	-	-	17	17	-	200	180	20
	<b>CON</b>	16,589	16,589	-	12,263	12,263	-	22,217	22,217	-	71,841	71,841	-
	<b>TNG</b>	404	404	-	20	20	-	20	20	-	20	20	-
	<b>OPS</b>	8,682	8,682	-	5,682	5,682	-	1,068	1,068	-	7,400	7,400	-
	<b>TRN</b>	2,047	2,047	-	1,560	1,560	-	1,355	1,355	-	1,355	1,355	-

EXPENDITURE SUMMARY	FY '12 (Oct. 1, 2011 - Sept. 30, 2012)			FY '13 (Oct. 1, 2012 - Sept. 30, 2013)			FY '14 (Oct. 1, 2013 - Sept. 30, 2014)			FY '15 (Oct. 1, 2014 - Sept. 30, 2015)		
	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)
<b>PROJECT TYPE</b>												
<b>THP</b>												
<b>ROADWAY AND BRIDGE PROJECTS</b>	10,292	10,292	-	8,066	8,066	-	14,116	14,116	-	2,099	2,079	20
<b>ISLANDWIDE PROJECTS</b>	13,399	13,399	-	7,267	7,267	-	1,088	1,088	-	13,089	13,089	-
<b>SECTION 1934 PROJECTS</b>	4,904	4,904	-	-	-	-	-	-	-	-	-	-
<b>EMERGENCY RELIEF PROJECTS</b>	5,638	5,638	-	2,770	2,770	-	-	-	-	115	115	-
<b>DEFENSE ACCESS ROAD PROJECTS</b>	-	-	-	-	-	-	8,658	8,658	-	65,430	65,430	-
<b>TRANSIT PROJECTS</b>												
<b>SECTION 5309</b>	1,305	1,305	-	499	499	-	500	500	-	500	500	-
<b>SECTION 5310</b>	161	161	-	53	53	-	45	45	-	45	45	-
<b>SECTION 53011 &amp; 5311(b)</b>	477	477	-	808	808	-	810	810	-	810	810	-
<b>SECTION 5316</b>	82	82	-	-	-	-	-	-	-	-	-	-
<b>SECTION 5317</b>	22	22	-	-	-	-	-	-	-	-	-	-
<b>Totals</b>	<b>36,280</b>	<b>36,280</b>	<b>-</b>	<b>19,463</b>	<b>19,463</b>	<b>-</b>	<b>25,217</b>	<b>25,217</b>	<b>-</b>	<b>82,088</b>	<b>82,068</b>	<b>20</b>