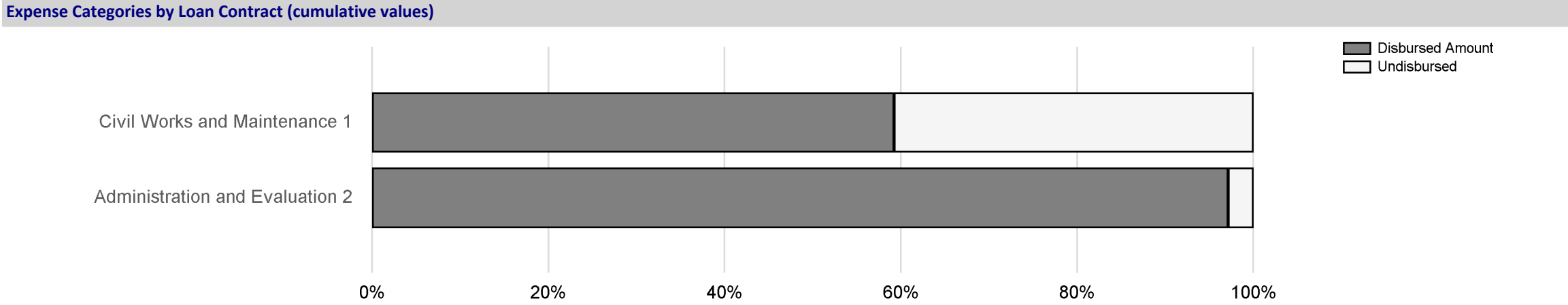


PMR Public Report

Operation Number	BL-L1029	Chief of Operations Validation Date	03/29/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	04/03/23
Last Update	03/27/23	Country Representative Validation Date	05/11/23
PMR Validation Stage	Validated by Representative		
Basic Data			
Operation Profile			
Operation Name	Additional Financing for George Price Highway Rehabilitation Project	Loan Number	4616/OC-BL
Executing Agency	Ministry of Works, MINISTRY OF INFRASTRUCTURE DEVELOPMENT AND HOUSING	Sector/Subsector	TRANSPORT-MAJOR HIGHWAYS
Team Leader	PERSAUD, CHRISTOPHER	Overall Stage	Fully Disbursed
Operation Type	Loan Operation	Country	Belize
Lending Instrument	Investment Loan	Convergence related Operation(s)	BL-L1019
Borrower	BELIZE		
Environmental and Social Safeguards			
Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating	Partially Satisfactory	Date of approval	
Safeguard Performance Rating - Rationale	The Environmental and Social Management Plan (ESMP) and the Resettlement and Livelihood Restoration Plan (RLRP) have mostly been implemented satisfactorily. However, there are still some important actions associated with resettlement (mainly economic displacement and pending compensations related to economic displacement) that requires to be completed, with disaster risk management activities and with the hiring of a social specialist, that need to be taken to ensure satisfactory safeguard performance.		

Financial Data									
	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
BL-L1019	27,000,000	27,000,000	1,528,000	0	28,528,000	27,000,000	27,000,000	100.00%	-
BL-L1029	7,000,000	7,000,000	0	0	7,000,000	7,000,000	7,000,000	100.00%	-
Aggregated	34,000,000	34,000,000	1,528,000	0	35,528,000	34,000,000	34,000,000	0.00%	-



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 0: Increased quality of roads

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2023	
0.0	Belize's Quality of roads	Index	3	2012	2023	P	3.2
						A	-

Details

Means of Verification: The Global Competitiveness Report - World Economic Forum

Observations: The index varies from 1-7 (poor-excellent). The goal was estimated by comparison with the index for the Bank's D countries within the region.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 0: Decrease the Vehicle Operating Cost (VOC)

**Observation:** Hwy development & management 4 (HDM-4) will be the tool to perform this analysis. VOC is an indicator that estimates the cost of USD that the owner of vehicles pay per kilometer to operate their vehicles based on the condition of the roads

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
0.0	Vehicle operating cost - GPH project section	USD/KM	3.63	2014	P	-	-	3.41
					A	-	-	-

Details

**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Highway Development and management 4 (HDM-4) will be the toool to perform this analysis. VOC is an indicator that estimates the cost in USD that the owners of vehicles pay per kilometer to operate their vehicles based on the condition of the roads

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Specific Development Objectives Nbr. 1: Reduction in travel time

Observation: Field Survey

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
1.0	Average travel times along the GPH project section - 01 Car, Utilities 4WD (BEL	Minutes	23.25	2014	P	-	-	19.94
					A	-	-	-

Details

**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Field Survey

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
1.1	Average travel times along the GPH project section - 02 Bus 35+ passenger (BEL)	Minutes	29.93	2014	P	-	-	28.67
					A	-	-	-

Details

**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Field Survey

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
1.2	Average travel times along the GPH project section -03 Truck Med (BEL)	Minutes	29	2014	P	-	-	26.61
					A	-	-	-

Details

**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Field Survey

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	
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**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Field Survey

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
1.4	Average travel times along the GPH project section -05 Motorcycle (BEL)	Minutes	22.16	2014	P	-	-	20.62
					A	-	-	-
Details								

**Means of Verification:** Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report

**Observations:** Field Survey

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

**Specific Development Objectives Nbr. 2:** Improve the overall safety of the motorist who utilize this road segment

**Observation:** Baseline: National information is derived from the 2012 iRAP report. An assumption has been made that the number of fatalities and accidents on the project section is proportional to the relative length of the intervention corridor against the total trunk network.

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
2.0	Reduction in the number of accidents per year on the GPH project section: (i) Fatalities	No.	5.1	2014	P	-	-	4.26
					A	-	-	-
Details								

**Means of Verification:** Official report from the Ministry of Works and Transport through the Project Execution Unit

**Observations:** Baseline: National information is derived from the 2012 iRAP report. An assumption has been made that the number fatalities and accidents on the project section is proportional to the relative length of the intervention corridor against the total truck network.

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
2.1	Reduction in the number of accidents per year on the GPH project section: (ii) severely injured victims	No	51.4	2014	P	-	-	42.64
					A	-	-	-
Details								

**Means of Verification:** Official report from the Ministry of Works and Transport through the Project Execution Unit

**Observations:** Baseline: National information is derived from the 2012 iRAP report. An assumption has been made that the number fatalities and accidents on the project section is proportional to the relative length of the intervention corridor against the total truck network.

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

**Specific Development Objectives Nbr. 3:** Increased accessibility

**Observation:** Project scope included the improvement of the drainage system considering the effects of climate change with design allowance for a 20 year storm for the road system and 100 year storm for the Roaring Creek Bridge.

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
3.0	Number of days in which the road is impassable due to a flooding event	Days p/yr	4	2014	P	-	-	1
					A	-	-	-

Details

**Means of Verification:** Reports by the Ministry of Works and Transport

**Observations:** Project scope includes the improvement of the drainage system considering the effects of climate change with design allowance for a 20 year storm for the road system and 100 year storm for the Roaring Creek Bridge.

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

**Specific Development Objectives Nbr. 4:** Institutional Strengthening

**Observation:**

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
4.0	MOWT strengthened in Structuring of performance based contracts	# of Public off trained	0	2014	P	-	-	12
					A	-	-	-

Details

**Means of Verification:** Reports by the Ministry of Works and Transport

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
4.1	MOWT strengthened in Environmental safeguards application in accordance to IDB policies	# of Public off trained	0	2014	P	-	-	20
					A	-	-	-

Details

**Means of Verification:** Reports by the Ministry of Works and Transport

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure	Baseline	Baseline Year		2020	2023	EOP 2023
4.2	MOWT strengthened in AASHTO HDM-4 highway design and testing codes	# of Public off trained	0	2014	P	-	-	20
					A	-	-	-

Details

**Means of Verification:** Reports by the Ministry of Works and Transport

**Observations:**

**Evaluation Methodology:** -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Civil Works & Maintenance

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
1.01	Bridge constructed/rehabilitated	m	P	-	222	-	6,336,000
			P (a)	-	485	606,558.5	6,336,000
			A	-	485	383,440	6,336,000
1.02	Kilometers of a regional integration road rehabilitated to national standards (includes the following milestones)	Km	P	-	31	-	30,714,000
			P (a)	-	31	3,551,764.4	30,714,000
			A	-	31	2,281,486	30,714,000
1.03	Kilometers of Roads Maintained after completion of works	Km	P	-	31	-	312,000
			P (a)	16	31	312,000	312,000
			A	-	15	-	-

Component Nbr. 2 Institutional Strengthening

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
2.01	Training events in structuring of performance based contracts	No	P	-	1	-	100,000
			P (a)	-	1	45,049	100,000
			A	-	1	-	54,951
2.02	Training events in environmental safeguards application in accordance to IDB policies	No	P	-	1	-	200,000
			P (a)	-	1	181,143.92	200,000
			A	-	1	-	18,856.08
2.03	Training events in AASHTO HDM4 highway design and testing codes	No.	P	-	1	-	100,000
			P (a)	-	1	77,636	100,000
			A	-	1	-	22,364

Component Nbr. 3 Engineering & Administration

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2023	2022	EOP 2023
3.01	Administration and Project Execution Support	No. of unit	P	-	1	100,000	1,947,000
			P (a)	1	1	159,102.07	2,112,092
			A	1	-	251,589	2,039,486.93
3.02	Additional Studies: (i) Sector; (ii) Environmental and Social; (iii) Technical; and, (iv) Engineering designs	No. of studies	P	-	4	-	449,000
			P (a)	2	4	421,698.92	283,908
			A	2	3	116,045	143,346.08
3.03	Monitoring & Evaluation	No. of Reports	P	-	3	100,000	450,000
			P (a)	1	3	385,124	450,000
			A	1	2	33,998	98,874
3.04	Financial Audits	No. of Reports	P	-	4	110,000	420,000
			P (a)	1	6	203,224	420,000
			A	1	5	261,823	378,599

Total Cost					
	Total Cost	P	310,000	41,028,000	
		P (a)	5,943,300.81	41,028,000	
		A	3,328,381	39,806,477.09	

CHANGES TO THE MATRIX					
Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Additional Studies: (i) Sector; (ii) Environmental and Social; (iii) Technical; and, (iv) Engineering designs	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CHRISP	3/27/2023
	Administration and Project Execution Support	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	CHRISP	3/27/2023

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy
1	Active		Institutional Environment
	Response Actions		
	1	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
2	Active		Social Environment
	Response Actions		
	2	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
3	Active		Natural Environment
	Response Actions		
	3.01	Management Strategy	Status
		SHARE	INACTIVE
	3.02	Management Strategy	Status
		SHARE	INACTIVE

Risk ID	Risk Status		Risk Taxonomy
4	Inactive		Economic and Financial Environment
	Response Actions		
	4	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
5	Inactive		Institutional Environment
	Response Actions		
	5.01	Management Strategy	Status
		MITIGATE	COMPLETE



Risk ID	Risk Status		Risk Taxonomy
6	Active		Human Resources
	Response Actions		
	6.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
7	Inactive		Political Environment
	Response Actions		
	7	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
8	Inactive		Social Environment
	Response Actions		
	8	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
9	Inactive		Political Environment
	Response Actions		
	9	Management Strategy	Status

Risk ID	Risk Status		Risk Taxonomy
10	Active		Sustainability
	Response Actions		
	10.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
11	Inactive		Natural Environment
	Response Actions		
	11.01	Management Strategy	Status
		ACCEPT	COMPLETE

Risk ID	Risk Status		Risk Taxonomy		
12	Active		Institutional Environment		
	Response Actions				
	12	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy		
13	Inactive		Social Environment		
	Response Actions				
	13	Management Strategy		Status	

Risk ID	Risk Status		Risk Taxonomy
14	Inactive		Goods, and Services
	Response Actions		
	14	Management Strategy	Status

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Acquisitions and Procurement - Bidding Stage