

PMR Public Report

Operation Number	BL-L1019	Chief of Operations Validation Date	04/18/21
Year- PMR Cycle	Second period Jan-Dec 2020	Division Chief Validation Date	04/19/21
Last Update	03/30/21	Country Representative Validation Date	04/23/21
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	George Price Highway Rehabilitation	Loan Number	3344/OC-BL
Executing Agency	MINISTRY OF WORKS AND TRNSPORTATION	Sector/Subsector	TRANSPORT-MAJOR HIGHWAYS
Team Leader	PERSAUD, CHRISTOPHER	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Belize
Lending Instrument	Investment Loan	Convergence related Operation(s)	BL-L1029
Borrower	BELIZE		

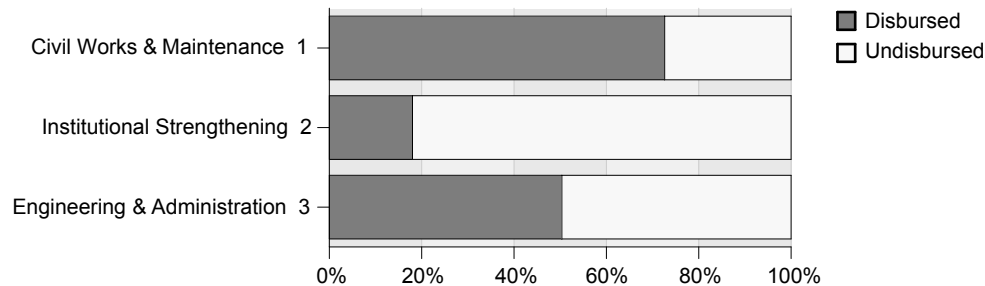
Environmental and Social Safeguards

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 Plan (RP) have mostly been implemented satisfactorily. However, there are still a couple of important actions associated with resettlement (mainly economic displacement and access to the Right of Way by means of culverts) and with health and safety, that need to be taken to ensure full compliance.		

Financial Data

Item	Total Cost and Source					Available Funds (US\$)			
	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disb	Undisbursed Amount
BL-L1019	27,000,000	27,000,000	1,528,000	0	28,528,000	27,000,000	24,481,822.25	90.67%	2,518,177.75
BL-L1029	7,000,000	7,000,000	0	0	7,000,000	7,000,000	1,000,000	14.29%	6,000,000
Aggregated	34,000,000	34,000,000	1,528,000	0	35,528,000	34,000,000	25,481,822.25	74.95%	8,518,177.75

Expense Categories by Loan Contract (cumulative values)



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.

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General Development Objectives

General Development Objectives Nbr. 0: Increased quality of roads

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement		Target
0.0	Belize's Quality of roads	index	3.00	2012	2023	P	3.20
						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.

Pro-Gender

No

Pro-Ethnicity

No

The General Development
bjective indicator target is
expected to be observed by
the operation's "Fully
Justified" date
in Convergence (CO)

No

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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	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 tool 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

Pro-Gender No **Pro-Ethnicity** No

Specific Development Objectives Nbr. 1: Reduction in travel time

Observation: Field Survey

Indicator		Unit of Measure	Baseline	Baseline Year		2020	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

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2020	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

Pro-Gender No **Pro-Ethnicity** No

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023
1.2	Average travel times along the GPH project section -03 Truck Med (BEL)	Minutes	29.00	2014	P		26.61

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Specific Development Objectives

1.2	Average travel times along the GPH project section -03 Truck Med (BEL)	Minutes	29.00	2014	A		
Details							
Means of verification: Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report							
Observations: Field Survey							
Pro-Gender		No		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023
1.3	Average travel times along the GPH project section -04 Truck Heavy (BEL)	Minutes	28.37	2014	P		26.29
					A		
Details							
Means of verification: Ex-post economic evaluation to be carried out by the Bank during the Project Completion Report							
Observations: Field Survey							
Pro-Gender		No		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2020	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							
Pro-Gender		No		Pro-Ethnicity		No	

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	EOP 2023
2.0	Reduction in the number of accidents per year on the GPH project section: (i) Fatalities	No.	5.10	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.							

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Specific Development Objectives

Pro-Gender		No	Pro-Ethnicity			No	
Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023
2.1	Reduction in the number of accidents per year on the GPH project section: (ii) severely injured victims	No	51.40	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.							
Pro-Gender		No	Pro-Ethnicity			No	

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	EOP 2023
3.0	Number of days in which the road is impassable due to a flooding event	Days p/yr	4.00	2014	P		1.00
					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.							
Pro-Gender		No	Pro-Ethnicity		No		

Specific Development Objectives Nbr. 4: Institutional Strengthening

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023
4.0	MOWT strengthened in Structuring of performance based contracts	# of Public off trained	0.00	2014	P		12.00
					A		
Details							
Means of verification: Reports by the Ministry of Works and Transport							
Pro-Gender		No	Pro-Ethnicity		No		
Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023

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Specific Development Objectives

4.1	MOWT strengthened in Environmental safeguards application in accordance to IDB policies	# of Public off trained	0.00	2014	P		20.00
					A		
Details							
Means of verification: Reports by the Ministry of Works and Transport							
Pro-Gender		No		Pro-Ethnicity		No	
Indicator		Unit of Measure	Baseline	Baseline Year		2020	EOP 2023
4.2	MOWT strengthened in AASHTO HDM-4 highway design and testing codes	# of Public off trained	0.00	2014	P		20.00
					A		
Details							
Means of verification: Reports by the Ministry of Works and Transport							
Pro-Gender		No		Pro-Ethnicity		No	

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OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Civil Works & Maintenance

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2023	2020	EOP 2023
1.1	Bridge constructed/rehabilitated	m	P	0	222	1,430,000	6,336,000
			P(a)	185	485	650,078	6,336,000
			A	185	485	695,637.5	5,381,559.5
1.2	Kilometers of a regional integration road rehabilitated to national standards (includes the following milestones)	Km	P	0	31	5,020,000	30,714,000
			P(a)	5	29.2	3,580,000	30,714,000
			A	3.2	19.2	6,947,439	21,253,210.6
1.3	Kilometers of Roads Maintained after completion of works	Km	P	31	31	312,000	312,000
			P(a)	0	31	0	312,000
			A	0	0	0	0

Component Nbr. 2 Institutional Strengthening

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2023	2020	EOP 2023
2.1	Training events in structuring of performance based contracts	No	P	0	1	0	100,000
			P(a)	0	1	25,000	100,000
			A	0	1	35,313	54,951
2.2	Training events in environmental safeguards application in accordance to IDB policies	No	P	0	1	0	200,000
			P(a)	0	1	0	200,000
			A	0	1	0	18,856.08
2.3	Training events in AASHTO HDM4 highway design and testing codes	No.	P	0	1	0	100,000
			P(a)	0	1	0	100,000
			A	0	1	0	6,964

Component Nbr. 3 Engineering & Administration

	Output	Unit of Measure		PHYSICAL PROGRESS		FINANCIAL PROGRESS	
				2020	EOP 2023	2020	EOP 2023
3.1	Administration and Project Execution Support	No. of unit	P	1	1	364,786	1,947,000
			P(a)	1	1	300,000	1,947,000
			A	1	0	513,311	1,480,530.93
3.2	Additional Studies: (i) Sector; (ii) Environmental and Social; (iii) Technical; and, (iv) Engineering designs	No. of studies	P	1	4	112,250	449,000
			P(a)	0	4	0	449,000
			A	0	1	0	27,301.08
3.3	Monitoring & Evaluation	No. of Reports	P	2	3	176,000	450,000
			P(a)	0	3	0	450,000
			A	0	1	0	18,740
3.4	Financial Audits	No. of Reports	P	1	4	125,000	420,000
			P(a)	1	5	20,000	420,000
			A	1	3	26,423	75,088

Total Cost

	Total Cost	P			7,540,036	41,028,000
		P(a)			4,575,078	41,028,000
		A			8,218,123.5	28,317,201.19

CHANGES TO THE MATRIX

No information available for this section

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IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories

Acquisitions and Procurement - Bidding Stage