Rehabilitation of the Western Pan-American Highway – Panama
Environmental and Social Action Plan (ESAP)

No.	Aspect	Action	Output	Projected Completion Date
PS 1: Assessment and Management of Environmental and Social Risks and Impacts				
1.1	Identification of Risks and Impacts	1. Submit an updated matrix of permits and authorizations required for the implementation of the Project, both for rehabilitation and improvement (construction phase) and for the operation and maintenance ("O&M") phase.	1. Matrix of permits and authorizations for each phase of the Project.	1. As part of the Environmental and Social Compliance Report ("ESCR).
PS 3: Resource Efficiency and Pollution Prevention				
3.1	Greenhouse Gases (GHG)	1. Update the Project's Annual GHG Emissions Inventory to include direct emissions from fuel consumption (Scope 1), indirect emissions from electricity consumption (Scope 2), and those generated by transportation services contracted from third parties (for example, the transportation of equipment, personnel, materials, or goods acquired from its supply chain), the production of raw materials, and waste management waste management (Scope 3).	1. Updated Annual GHG Emissions Inventory.	1. As part of the ESCR.
PS 4: Community Health and Safety				
4.1	Fire Protection System	1. For the Project's Operational Control Centers ("OCC") and the Weighing and Dimensions Station ("WDS"), submit a certification issued by a qualified professional stating that: (i) these were constructed in accordance with the approved Fire Protection and Life Safety System ("FPLS") design; (ii) all FPLS devices were installed in these facilities in accordance with the design; and (iii) all FPLS devices were tested in these facilities in accordance with international requirements.	1. Copy of the certifications.	1. Within 15 days prior to the start of operation of the Project's OCC and WDS.
4.2	Security Personnel	2. Ensure that contracts with physical security companies allow the Concessionaire to: (i) conduct reasonable background checks to ensure that security personnel have no criminal records and have not previously been involved in cases of abuse; (ii) verify that such personnel have been trained in the progressive use of force and in responding to security incidents; (iii) verify the restrictions and training requirements for personnel in cases where the use of firearms is required; and (iv) verify the details of environmental and social awareness training, including the topic of human rights ("HR").	2. Verification Report on Contracts with Physical Security Companies.	2. As part of ESCR.
PS 8: Cultural Heritage				
8.1	Protection of Cultural Heritage	1. Develop an Archaeological Management Plan ("AMP").	1. AMP	1. Within 15 days prior to the start of work involving earthmoving