

GOVERNMENT OF BELIZE NRSMP 2030

MINISTRY OF WORKS

OPERATIONAL PLAN 2016-2021

LEGISLATIVE REVIEWS

Improvement Area		
Short-term – (2016-2020)		
	Timeline	Coordinating agency
LEG2 Review speed limits to simplify limits, introduce flexibility in setting limits and introduce a basic speed law. Prepare implementation strategy. (Approved by Cabinet on March 14, 2017 for legislative changes)	2018	MOW/DOT
LEG10 Review measures to improve enforcement of heavy vehicle overloading, supervise weighing operations and audit fine collection. Substantially increase fines for overloading.	2019	DOT/MOW

HR DEVELOPMENT

Improvement Area		
Short term – (2016-2020)		
	Timeline	Coordinating agency
HR8 Strengthen human resources in transportation planning, toll collection/user fees and maintenance of road safety infrastructure and building resilience in the road network: Transport Specialist – 2017 Hydrologist – 2018 Legal Advisor - 2018	2017/2018	MOW

SAFER ROADS

Improvement Area		
Short-term – (2016-2020)		
	Timeline	Coordinating agency
Eng1 Continue implementation of iRAP recommendations	2016-2018	MOW
Eng2 Publish guidelines/manuals on traffic safety management (signs and markings), monitoring and maintenance policies to ensure consistent implementation (Operations Management – under EU	2017	MOW

Improvement Area		
Consultant review).		
Eng3 Review iRAP demonstration project (Belize RS project) and publish lessons learned and future plans, including: T-junction designs; 2-faced chevron signs; widen culverts (length); include destination signs at intervals (driver information); and strive to complete corridor in its entirety.	2017	MOW
Eng5 Review “safety” elements of overloaded vehicles (IMC report) and develop <i>overload control policy</i> to improve the safety of overloaded commercial vehicles	2018	MOW
Eng6 Carry out before and after studies on blackspot program (pilot program) and apply lessons learned to current and future programs	2017	MOW/Police/ DOT
Eng7 Develop program guidelines on “blackspot management”	2018	MOW
Eng8 Establish continuous, sustainable road safety audit training program – in the EU Technical Assistance program	2016	MOW
Eng9 Review speed limits on rural highways and urban roads	2017	MOW
Eng10 Establish a unit for continuous monitoring of traffic safety data on national highway and urban road network	2017	DOT supported by MOW, M&E TWG
Eng11 Start implementing mass action remedial measures on iRAP demonstration project and other corridors	2019	MOW

MONITORING AND EVALUATION CHART ATTACHED

ROAD SAFETY MASTERPLAN 2030
MONITORING AND EVALUATION FRAMEWORK
MINISTRY OF WORKS

PILLAR	Indicator	Output	Outcome	Progressive targets				Supporting sector
				Baseline 2015	2016-2020	2021-2025	2026-2030	
RSD8 Collision prediction models for all national highways have been developed.	Collision prediction models developed	Relevant stakeholders contacted for information on highway collision data	Collision prediction models for highways developed	No collision prediction models exist		2023-2024	√ (Used)	
RSD9 Collision prediction models have been developed for all intersections	Collision prediction models developed	Collision prediction models have been developed for rural intersections. Collision prediction models have been developed for urban intersections.	Collision prediction models for rural intersections are utilised in decision-making. Collision prediction models for urban intersections are utilised.	No collision prediction model exist		2024-2026	√ (Used)	Municipal traffic depts.
SAFER ROADS	Provide a safe and reliable transportation network across the country with consistent practises				10%	50%	100%	
Eng2 Publish guidelines/manuals on traffic safety management (signs and markings), monitoring and maintenance policies to ensure consistent implementation	Guidelines/manuals have been published	Training and awareness on the guidelines/manuals	Guidelines/manuals are used to ensure consistent international standards	MOW are currently using the USMUTCD	2017			Municipal transport officers
Eng3 Review iRAP demonstration project (Belize RS project) and publish lessons learned and future plans	Report published on Belize RS project	Updated information from report received	Report reviewed and accepted	IRAP 2012 report	2018			OSC

	Indicator	Output	Outcome	Baseline 2015	2016-2020	2021-2025	2026-2030	Supporting sector	
Eng5	Review “safety” elements of overloaded trucks (IMC report) and develop strategic plan to improve the safety of overloaded vehicles	Strategic plan to improve the safety of overloaded trucks developed and the impact on road infrastructure	Review of IMC report and improvement of road infrastructure for heavy trucks, including weight stations	Road infrastructure will not be damaged or compromised by overloaded trucks which will reduce maintenance costs	No plan in place to monitor the impact of overloaded trucks on road surface	2017 25%	50%	100%	Commercial vehicle fleets
Eng6	Carry out before and after studies on blackspot program (pilot program) and apply lessons learned in future	Study on current blackspot program has been produced	Monitoring of pilot blackspot program	Evaluation of pilot blackspot program	Blackspot program does not exist	2017			Municipal traffic depts.
Eng7	Develop program guidelines on “blackspot management”	Program guidelines have been developed and guidelines published	Training on the guidelines of the program	Guidelines for the program are introduced to ensure that the highest risk areas are identified and treated on an annual basis	No guidelines exist	2018			
Eng8	Establish continuous, sustainable road safety audit training program	Road safety audit training course has been developed	Road safety auditors have been trained.	Staff have greater knowledge of undertaking road safety audits. % staff trained as auditors in each 5 year timeframe	Some of the MOW staff have received Road Safety Audit training	2017 20%	50%	100%	
Eng9	Review speed limits on rural highways and urban roads and amend where necessary	Speed limits have been reviewed and necessary regulation changes made	Speeding regulations have been reviewed and consistently enforced	Amount of compliance with speed limits has improved, as observed by DOT and Municipal traffic Officers Collisions where speeding has been a factor are reduced	Speeding regulations not enforced consistently	2017 20%	50%	100%	Municipal traffic depts.
Eng10	Establish a unit within the MOW for continuous monitoring of traffic safety data on	Unit has been established	The terms of reference for the unit determined	Officers trained in the collection and analysis of data	National data is not available	2017			M&E TWG, DOT

national highways and urban road networks								
Eng11 Start implementing mass action remedial measures on iRAP demonstration corridor project and other corridors	Mass actions of remedial measures implementing along highway corridors	Appropriate remedial measures introduced	Future highway upgrading will include all the safety features in line with iRAP recommendations	Demonstration Corridor upgraded in line with iRAP recommendations	2019	5	10	
Eng12 Develop road safety audit guidelines (including construction stage) for Belize at international best practice	Road Safety Audit guidelines for Belize have been developed and printed	Auditors identified and trained	Road Safety auditors available in Belize leading to all road improvement projects and new construction projects will have been through the RSA process	Road Safety audit guidelines does not exist	2020			
Eng13 Implement program to ensure consistent and effective speed limits on national highways with reduced limits at all critical locations	Program developed and implemented	Program developed Speeding regulations have been reviewed and consistently enforced	Speeding on highways reduced has been reduced	There are existing speed limits.	2018	√	√	
Eng15 Draft new guidelines/standards on road classification to clarify hierarchy, access management and planning controls which should be applied consistently across the country	New guidelines/standards drafted and published	Guidelines/Standards developed	Roads classification improved and implemented consistently across the country	Classification very low		2022	√	Municipal transport depts.
Eng16 Implement strategic plan related to overloaded commercial vehicles (see Eng5 above)	Strategic plan implemented	Develop strategic plan	Road infrastructure will not be damaged or compromised by overloaded trucks which will reduce maintenance costs	Strategic Plan not available		2022	√	Commercial Vehicle fleets
Eng17 Draft new guidelines/standards	New guidelines/standards	Guidelines/standards	Use of footpaths, pedestrian and cycle lane	No guidelines/		2023		Municipal traffic depts.

on provision of service roads, footpaths, pedestrian and cycle lanes, etc.	drafted and published	drafted	increased leading to fewer deaths and injuries to pedestrians and cyclists	standard exist				
Eng18 Publish manual on roadside hazard safety	Manual on roadside hazard safety published	Manual on roadside safety hazard developed	Use of manual on roadside hazard safety leading to fewer single-vehicle "run-off-road " collisions	Manual on roadside hazard safety does not exist		2023		
Eng19 Carry out reviews of all existing highways, including road safety audits and iRAP rating and publish recommendations to improve safety on existing and future projects	Reviews completed and recommendations made	Commence review	Reviews completed and future highway upgrading will include all the safety features in line with iRAP recommendations	Demonstration corridor completed		2024		International funding agencies
Eng20 Prepare and publish improved standards and guidelines for safety in construction zones	Standards and guidelines published	Standards and guidelines developed	Use of standards and guidelines implemented which result in reduced risk through construction zones	No guideline available		2023		
Eng21 Publish data-led annual blackspot program funded and implemented with local resources (See Eng 6 &7)	Annual blackspot program published	Source funds for blackspot program	Blackspot program implemented leading to reduced collisions at high crash locations	No blackspot program exist			2026	Municipal traffic depts.
Eng22 Publish guidelines on intersection (roundabout) design, particularly signalization and implement national program to optimize capacity and safety at traffic signals in towns and cities	Guidelines published and consistently applied	Guidelines developed	Implement guidelines in a consistent manner Education and awareness campaign for road users	Guideline not in place	2018			Municipal traffic depts.

Eng23 National program to improve safe travel options for vulnerable road users including bus transport accessibility for elderly and children	National program developed and implemented	Develop National Program	Safe travel improved, demonstrated through fewer collisions involving VRUs, including bus transport accessibility for the elderly and children	No program exists	2020			Municipal traffic depts., bus transportation companies
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