

Annual Performance Report (Highways Sector)

2018

**Ministry of Highways & Road Development
and Petroleum Resources Development**

Forward

This Annual Performance Report – 2018 of the Ministry of Highways & Road Development and Petroleum Resources Development (Highways Sector) is prepared in keeping with the instructions given by the Public Finance Circular no.402.

This report produces physical and financial performance of the Highways Sector of Ministry of Highways & Road Development and Petroleum Resources Development

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VISION

“Be the excellent service provider in building and maintaining efficient, safe and world class road infrastructure”

MISSION

“Develop, manage and maintain the highway network according to citizen’s requirements and national development goals by using expert knowledge, state of the art technology and optimal use of resource”

Objectives

- *Formulating national policies for highway sector in achieving national development goals*
- *Providing high mobility among townships, efficient connectivity among economic centers and improving accessibility for rural areas*
- *Maintain the road network in excellent standards to contribute sustainable development.*
- *Providing Intelligent Transport System (ITS) for efficient traffic management.*
- *Investing on capacity enhancement of road sector to ensure high level service and user friendly roads*
- *Invest in research and development for enhancement of the road sector*
- *Enhance road safety measures for road users*

1.0 Overview of Highway Sector

1.1 Introduction to the Highway Sector

During the past five years, the Road Sector and the Petroleum Resources Development Sector have contributed significantly for the economic and social upliftment of the country. These two sectors come under the purview of the Ministry of Highways & Road Development and Petroleum Resources Development. In the year 2018, the Ministry was able to carry out several nationally important development projects successfully in both sectors. Also, action was taken during the year 2018 to commence many new projects as significant initiatives in the social and economic development of the country.

The road network of a country is the most valuable and one of the largest community assets which are fundamental to the economic, social, cultural and environmental well-being of the community. Sri Lanka with a total area of 65,510 km² and about 21 million population (Central Bank Annual Report -2018), is having a road density of about resulting in 94% of passengers and 98% of freight are carried over by roads, as 1.76km/km² which is much higher than the road density values in most of the south Asian countries. Further in Sri Lanka road transport has become the dominant mode of transport it has many technical and economic advantages over rail transport under the present set-up.

The Road Development Authority (RDA), Road Maintenance Trust Fund (RMTF), Maganeguma Construction Company, Maganeguma Consultancy Company and Maganeguma Emulsion Company and Expressway Transport Company (Private) Ltd are the main institutions which come under the purview of the Highways Section of the Ministry. The Road Development Authority (RDA) is incorporated as a statutory body under the Highways sector of the Ministry of Highways by the RDA Act No. 73 of 1981, became successor to the Department of Highways in 1986. RDA is the premier highways authority in the country and responsible for the maintenance and development of National Highways network consists of approximately 12,390 km of roads which can be categorized as ‘A’ class (Trunk) roads (4,215 km), ‘B’ class (Main) roads (8,005 km), Expressways (170 km) and 4,662 of bridges (span of more than 3m) as at the end of 2018.

In this report, it is expected to present detailed performance of the Highways & Road Development Sector and development activities carried out by The Ministry and the Road Development Authority & Project Management Units under the purview of the Ministry.

1.2 Functional Divisions

The Ministry is headed by Secretary, Ministry of Highways & Road Development and Petroleum Resources Development under the following functional division heads. Functional Divisions of the Highways Sector of the Ministry of Higher Education and Highways consists of 8 Divisions headed by 6 Divisional Heads as follows.



1.3 Staff Information

Table 1.3.1 Staff Information as at 31.12.2018 (Highways Sector)

S.No	Designation	Service Category	Grade/ Class	Approved Cadre	Existing Cadre	Vacancies
1	Secretary			1	1	0
2	State Secretary		Special	1	1	0
3	Additional Secretary (Admin & Finance)	S.L.A.S.	Special	1	1	0
4	Additional Secretary (Development)	S.L.A.S.	Special	1	1	0
5	Additional Secretary (Engineering)	S.L.E.S.	Special	1	1	0
6	Senior Programme Director	S.L.P.S.	Special	1	1	0
7	Chief Financial Officer	S.L.Ac.s	Special	1	1	0

S.No	Designation	Service Category	Grade/ Class	Approved Cadre	Existing Cadre	Vacancies
8	Senior Assistant Secretary	S.L.A.S.	I	1	1	0
9	Senior Assistant Secretary(Development)	S.L.A.S.	I	1	1	0
10	Chief Accountant	S.L.Ac.S	I	1	0	1
11	Chief Internal Auditor	S.L.Ac.S	I	1	1	0
12	Director (Project Management & Procurement)	S.L.A.S.	I	1	1	0
13	Director (Engineering)	S.L.E.S.	I	1	1	0
14	Director (Maganeguma)	S.L.P.S.	I	1	1	0
15	Director (Planning & Monitoring)	S.L.P.S.	I	1	1	0
16	Accountant (Projects)	S.L.Ac.S	I	1	0	1
17	Assistant Secretary	S.L.A.S.	III	3	2	1
18	Accountant	S.L.Ac.S	III	3	2	1
19	Assistant Director (Maganeguma)	S.L.P.S.	III	1	1	0
20	Assistant Director (Planning& Monitoring)	S.L.P.S.	III	2	2	0
21	Assistant Director (Engineering)	S.L.E.S.	III	3	2	1
22	Engineer (Maganeguma)	S.L.E.S.	III	1	1	0
23	Coordinating Secretary to the Secretary			1	1	0
24	Administrative Officer	PMAS	Supra	1	0	1
25	Translator	TS	II/I	2	1	1
26	Development Assistant		III/II/I	14	7	7
27	Development Officer	DOS	III/II/I	180	179	1
28	Technical Officer	SLTS	III/II/I	2	0	2
29	Transport Officer	SLTS	III/II/I	1	0	1
30	Public Management Assistant	PMAS	III/II/I	43	40	3
33	Driver	DS	III/II/I/SPL	20	18	2
34	KKS	OES	III/II/SPL	18	11	7
37	Still Photographer	Temp	III/II/I/SPL	1	0	1
38	Camera Operator	Temp	III/II/I/SPL	1	0	1
39	Camera Operator Assistant	Temp	III/II/I/SPL	1	0	1
Total				314	281	33

Table 1.3.2Changes in cadre as at 2018.12.31

No .	Designation	Service /Grade/Class	Salary Scale	Appro ved cadre	In			Out			Chang es in Cadre	
					New App oint ment	Tran sfer	Pro moti on	Tran sfer	Retire ment	Ter mina tion		
1	Administrative Officer	Supra	MN-7-2016	1	0	0	0	1	0	0	1	
2	Chief Financial Officer	SPL	SL-3-2016	1	1	0	0	0	0	0	1	
3	Director (Engineering)	I	SL-1-2016	1	0	1	0	0	0	0	1	
4	Accountant (Project)	I	SL-1-2016	1	0	0	0	1	0	0	1	
5	Assistant Director (Engineering)	III	SL-1-2016	3	1	0	0	0	0	0	1	
6	Development Assistant	III	MN-4 2016	14	0	0	0	6	0	0	6	
7	Development Officer	II/III	MN-4 2016	180	0	0	0	26	0	0	26	
8	Public Management Assistant	I/II /III	MN-2 2016	43	0	8	0	11	0	0	19	
9	Drivers	I/II/ III	PL-3 2016	20	0		6	0	2	0	0	8
10	K.K.S.	I/II/ III	PL-3 2016	18	0		2	0	0	3	0	5
Total											49	

1.4 Divisional Performance

1.4.1 Administration Division

Establishment of the physical environment which required to improve the Quality of the activities carried out by the Ministry of Highways in relation to the Development, Management and Maintenance of the Highways Network, Provision of Continuous and effective Service, Having proper Coordination with other institutions and maintain the same, and overall administration and supervision of the Highways sector are being done by the Administration Division.

Role of the Administration Division

- Provision of infrastructure for the Ministry in an efficient and effective way, obtaining services from the relevant institutions in respect of buildings, machinery and maintenance services.
- Take action on the letters sent to and received from the ministry daily and to ensure its effectiveness.
- Proper maintenance of the security activities and janitorial services in the Ministry.
- Settlement of bills related to the official telephones of officers in the Ministry.
- Maintain personal files of officers of the Ministry and officers attached from the Road Development Authority.
- Providing transportation facilities for the activities of the Ministry.
- Activities such as registration, maintenance, insurance, revenue licenses related to all vehicles of the Ministry and provision of fuel for all pool vehicles of the Ministry.
- Take necessary action on vehicle accidents and obtain insurance compensation for the relevant accident properly.

- Take actions on the issuance of passports, visas, travel allowances and allowances related to the foreign tours of officials of the Ministry and the Road Development Authority and obtaining permission for the relevant officers to travel outside the country.
- Take actions on leave, overtime and traveling expenses of the officers in the Ministry.
- Activities relating to the provision of distress Loans, Property Loans, and Motor bicycle Loans, Festival Advances to the officers in the Ministry and activities related to the claims from *Agrahara* Insurance scheme.
- Submission of Cabinet Memorandum submitted by the Ministry to the Cabinet of Ministers and notifies the relevant decisions to the parties concerned.
- Take appropriate actions in relation to the Parliamentary Questions, proposals of the Consultative Committees, Public petitions, Human Rights Violations and for the complaints, proposals and requests received from the Presidential Secretariat and various parties.
- Reservation of accommodation facilities for the Hon. Minister, State Minister, Secretary and staff officers of the Ministry in their official visits and settlement of bills.
- Issuance of Railway season tickets and railway warrants.
- Provision of advance payments, settlement of advance payments, entering in the registers and maintain the same for the staff officers and maintenance of the petty cash imprest for minor maintenance works and various petty cash payments.
- Approval of Uniform Allowance for Junior Staff, Settlement of Payments for Languages Translations, Approvals for Housing Rent, reimbursement and settlement of entertain expenses and various other expenses of the officers of the Ministry.
- Referring election circulars relevant to the Presidential, General election, Provincial council elections and Local Government elections to the relevant parties, Coordination of the postal voting with regard to the above elections and appointment of officers for election duties and settlement of payments for election duties.
- Maintenance of inventory books in the administrative division and requisition, receipt and distribution of stationery required to the division.

- Separate filing of circulars and orders received from the Ministry of Public Administration, the Ministry of Finance and Planning and other government institutions, update the same and maintenance.
- Translation works of Sinhala - English and English - Sinhala.
- Updating and maintaining of ministry website.
- Establishment activities including the approval of new appointments, extension of service, approval of leave on projects of the Road Development Authority which are under the purview of the Ministry.

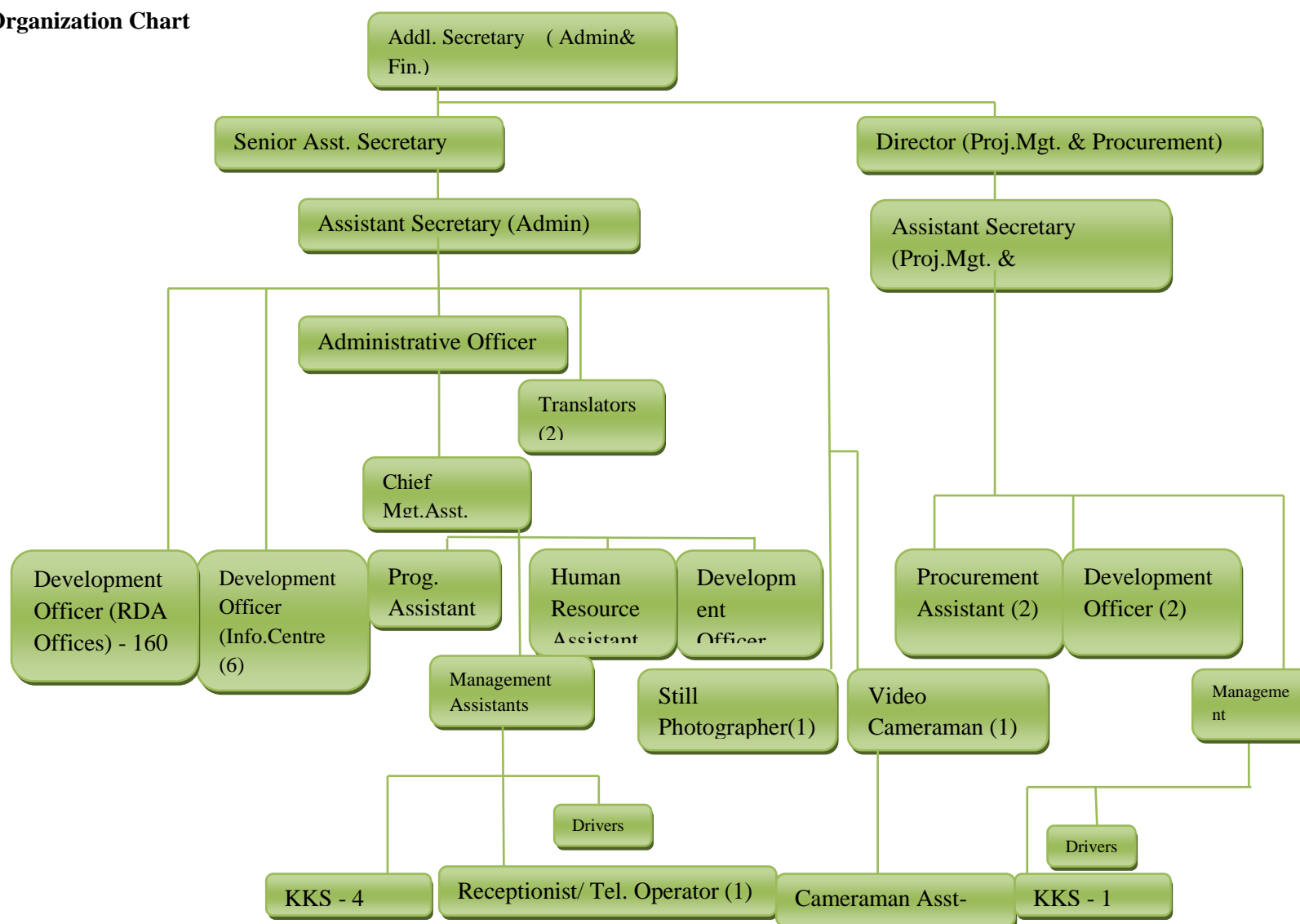
Evaluation of achievement of targets within 2018

- To prepare the physical environment for establishing an efficient, productive public service.
- Dedication to provide an efficient and quality service for the general public.
- Take necessary steps to fulfill the functions of the Ministry more accurately and efficiently in order to achieve national development goals.
- Continue co-ordination with other government agencies.
- Test, practice and use of new office management concepts.
- Use of information technology for the quality improvement and transparent services of public services.

Actions taken for productivity improvement and its progress

- New recruitments were made for staff vacancies.
- Conducting awareness program on organizational productivity in order to create an efficient and productive staff which required providing an excellent public service.
- Conducting training courses on office systems and Establishment Code.
- Regulation of internal administration.
- Establishing new scriptorium in the Ministry and maintaining documents regularly
- Exhibit direction boards in the Ministry

Organization Chart



1.4.2 Accounts Division

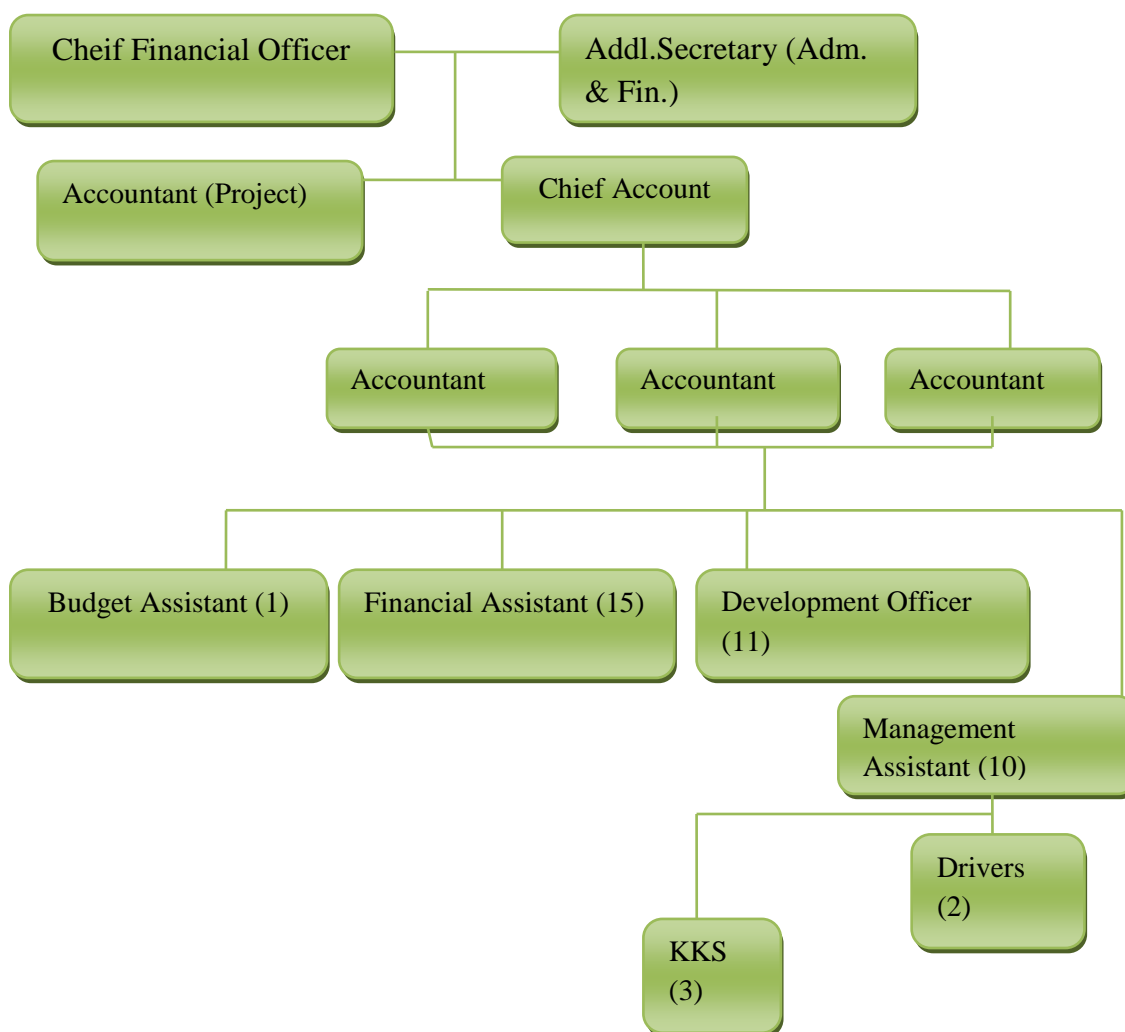
Finance division is responsible, as a custodian for handling, controlling and monitoring the budget allocation of the highways sector of the Ministry of Highways & Road Development and Petroleum Resources Development by the annual budget. Management of the allocation, imprest and expenditure efficiently and effectively to ensure maximum economic benefit to the government can be stated as one of the major functions of the division. It comprise coordination roll between all the projects come under the highways sector and Road Development Authority with the treasury and facilitating these projects and RDA to receive their imprest duly and subsequently.

Furthermore, the financial performance of each & every unit is closely monitored and reported by adhere to regulations stipulated in financial regulations and other governing rules. Finance division has been able to achieve the basic but important target of keeping the ministry level activities within the limits set by the annual budget. During the year 2018 the division has been able to submit financial statements of projects, RDA and appropriation account for the year 2017 to the auditor general before the due dates. A final report of the advance B account has also been able to submit within the pre requisite time period.

Further the annual board of survey for the year has done within the year. Division itself has put the best possible effort to meet the proficiency requirement and deadlines in each activity and managed to succeed in most scenarios without any compromise

Account division has made frequent changes to the individual duties of staff members to reduce the routine nature of their daily work. Training programmes were held to build the staff competencies on their job and able to manage the welfare of the staff members satisfactorily within the year 2018.

Organization Chart - Accounts Division



1.4.3 Procurement Division

The Procurement Division (Procurement Cell) of the Highways Sector of Ministry of Highways & Road Development and Petroleum Resources Development has been established as per the instruction of then, National Procurement Agency (NPA), and functions the role of coordinating all activities relevant to the procurements fallen under the financial threshold of the Ministry and Cabinet level procurements. Road Development Authority (RDA), which is the Executing Agency (EA) of the Ministry, has formulated several Project Management Units (PMUs) in respect of each project. Such PMUs prepare their Annual Procurement Plan (APP) for each year and send them to the Procurement Division of the Ministry. This division consolidates all such procurement plans including internal divisions of RDA and prepares the Master Procurement Plan of the whole Ministry.

This division facilitates for the implementation of the said Master Procurement Plan coordinating with the relevant other stakeholders such as, the General Treasury, other Line Ministries, National Procurement Commission (NPC) and Procurement Appeal Board (PAB) etc. The Human resources of this division include a Procurement Specialist, one Procurement Assistant, Two Development Officers, Two Management Assistants and one office Assistant.

Main Functions of the Division

Main functions of the Procurement division of the Ministry of Higher Education and Highways (Highway Section) are summarized as follows.

- Collecting relevant information pertaining to the Annual Procurement Plan of all divisions of the Ministry, RDA and Project Management Units and prepare the Master Procurement Plan of the Ministry.
- Liaise with the General Treasury in respect of the appointments of Technical Evaluation Committee (TECs) or Project Committees (PCs) to assist the Standing Cabinet Appointed Procurement Committee (SCAPC) or Cabinet Appointed Negotiation Committee (CANC) or Cabinet appointed Consultant Procurement Committees (CACPCs).

- Coordinate with the Secretary, Ministry of Higher Education and Highways and appoint Ministry Procurement Committees (MPCs), Department Procurement Committees (DPCs), Project Procurement Committees (PPCs) and respective TECs. In respect of the consultancy procurements, appointment of relevant consultant procurement committee.
- Liaise with other Line Ministries and Agencies, to obtain services of subject experts for the TECs and PCs.
- Arranging meetings in respect of Ministry and Cabinet level procurements and record those decisions pertaining to the document approvals, issuance of Addendums, Contract awards and approval of variations etc.
- Assist for the preparation of Cabinet Memorandums in respect of all procurement related activities.
- Liaise with the Procurement Appeal Board (PAB), at the time of submission of appeals by unsuccessful bidders.
- Preparation of monthly, quarterly and annual progress report and submit the same to Procurement Monitoring Unit (PMU) established at the Treasury.
- Liaise with the National Procurement Commission and furnish required information as and when necessary.
- Attend to periodic meetings arrange by other stakeholder organization in respect of procurement activities of the ministry.
- Organizing periodic training programmes for the staff of the Ministry or RDA.

During 2018, the division has been able to award 26 cabinet level procurements and 02 Ministry level procurements which were included in the Procurement Plan of 2018.

Problems and Challenges

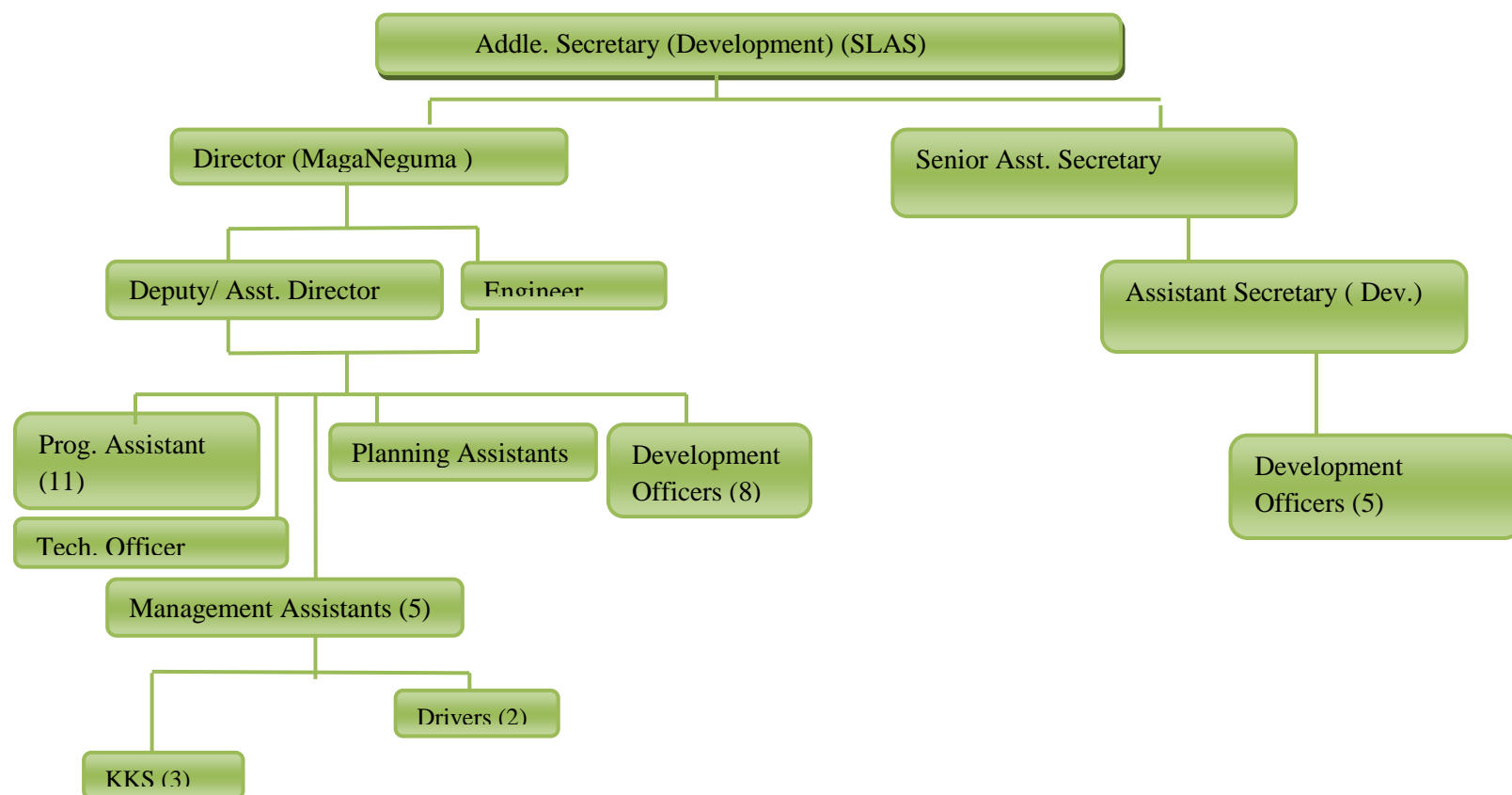
Following issues have been identified as problems and challengers in implementing the Annual Procurement Plan of the Ministry.

- a) Preparation of BOQs based on preliminary designs, where the accuracy of estimates is not guaranteed. As a result, projects cost at the completion is increased unexpectedly.
- b) Procurement preparedness activities such as preparation of designs, BOQs, land acquisition, environmental studies have to be completed prior to appointment of evaluation committees.
- c) The scope changes after the project is started and inclusion of entirely new items to the procurement plan.
- d) Lack of procurement knowledge of staff (this could be resolve with capacity building programmes)
- e) Deficiencies In the bidding documents/specification lead to delays in the process resulting non-adherence to the Procurement Time Schedules (PTS).

1.4.4 Development Division

The development division of Highways sector of the Ministry of Higher Education & Highways is a collection of 2 divisions as Land Division and Rural Road Development Division.

Organization Chart



1.4.5 Land Division

Land division of Highways sector of Ministry of Highways & Road Development and Petroleum Resources Development is responsible for facilitation of all the related activities adhered with land acquisition process of newly construction/rehabilitation of highways sector projects and maintaining a proper level coordination with the institutions where relevant stakeholders involved.

Role of the division within the year 2018

- Submission of Hon. Minister's recommendations to the Ministry of Lands and Parliamentary Reforms in relation to the Acquisition Proposals as per the section -2 of the Land Acquisition Act. And obtaining the vacant possession under interim order 38 (a), in order to acquire lands for the implementation of new road projects and road development activities.
- Performing further activities related to the acquired lands in accordance with the Land Acquisition Act..
- Taking actions on paying compensation for the lands acquired.
- Coordination with the Ministry of Lands and parliamentary Reforms , Road Projects , Department of Valuation, Department of Survey, Divisional Secretariats, Government Press etc.
- Holding of the meetings of the Land Acquisition and Resettlement Special Committee (Super LARC), preparation of committee decisions and inform the same
- Submission of Reports asked by the Presidential Secretariat, Prime Minister's office. Parliament Committees etc.
- Assisting to resolve Public Grievances.
- Make necessary arrangements through the Land purchasing committee to purchase lands to resettle the persons who are affected due to the acquisition of lands to construct new roads or road development activities.
- Revocation under section 39(I) of the Land Acquisition Act. But later identified that they are not required for the road development activities and submission of Hon.

Minister's recommendations on divesting under section 39(a) (I) to the Ministry of Lands and Parliamentary Reforms.

- Submission of recommendations on the revocation under section 50 of the Land Acquisition Act for the lands which are identified that they are not required for road development activities, after issuing the order under section 2 of the Act.

1.4.6 (MagaNeguma) Rural Road Development Division

The Rural Development Division has been functioning over the past 15 years with a view to improve a better rural road network, to improve the economic and social development in the Country. Main functions of the Division are as follows.

- Preparation of Annual work programmes and circulars.
- Collecting rural road project proposals according to the annual plan and circulars.
- Obtaining required recommendations and preparation of estimates.
- Issuing allocation to the Implementing Agencies.
- Conducting awareness programmes for officers of the implementing agencies and provide necessary instructions to community based organizations which involved with the projects.
- Conducting field inspections and observations.
- Collecting bills to the Ministry and do the payments.
- Monitoring an evaluation of the progress.

Issues and Constraints faced in 2018

- i. Difficulties in achieving the target due to the delay of obtaining road proposals from the relevant parties
- ii. Delay of implementing projects or unable to comment the work in some areas where the necessary consents/approvals not given by the Local Authority.
- iii. Some financial difficulties faced by the Community Based Organizations due to the delay of receiving necessary imprest from the Treasury to the projects.
- iv. Difficulties of obtaining testing reports from some laboratories due to a lack of laboratory facilities.

1.4.7 Internal Audit Division

Internal Audit Division has been established in this Ministry as per FR 133 which stipulates that Internal Audit Division should be established by the Chief Accounting Officer in his institution in order to perform the duties and responsibilities stated in FR 128.

The main objectives of this division are;

- i. Strengthening the internal control systems within the Ministry.
- ii. Assist Chief Accounting Officer to ascertain the progress achieved in implementing development projects and schemes and fulfilling plans and programmes.
- iii. Act as the coordinator among the persons involved in the development projects and Secretary of the Ministry of Highways & Road Development and Petroleum Resources Development.

Role of the Division and progress achieved

- i. Ascertain whether the internal checking and control systems are successful in achieving the objectives.
- ii. Ascertain the reliability of the accounts and other reports and evaluate the accounting procedures followed.
- iii. Ascertain whether the required information is properly received through the accounting systems that followed.
- iv. Evaluate the quality of the performance of the staff.
- v. Ascertain how safe the assets of the institution from all sort of damages.
- vi. Ascertain whether the instructions given in the Establishment Code, the Financial Regulations, Public Administration and Treasury Circulars are properly followed.
- vii. Ascertain the success of the internal control system used to avoid wastage of resources and the method to find out the same.
- viii. Inspection of the accounting procedures and operations in the institution and ascertain whether the properties and assets are used in securely, properly frugality.
- ix. Holding special investigations.

Internal Audit Division has taken steps in year 2018 to submit effective observations and recommendations through performing these tasks which stipulated by the Financial Regulations.

Audit Activities and Special Investigations carried out within the year 2018

Audits under the following audit fields have been carried out in the Ministry and projects on the risk evaluations identified within the year.

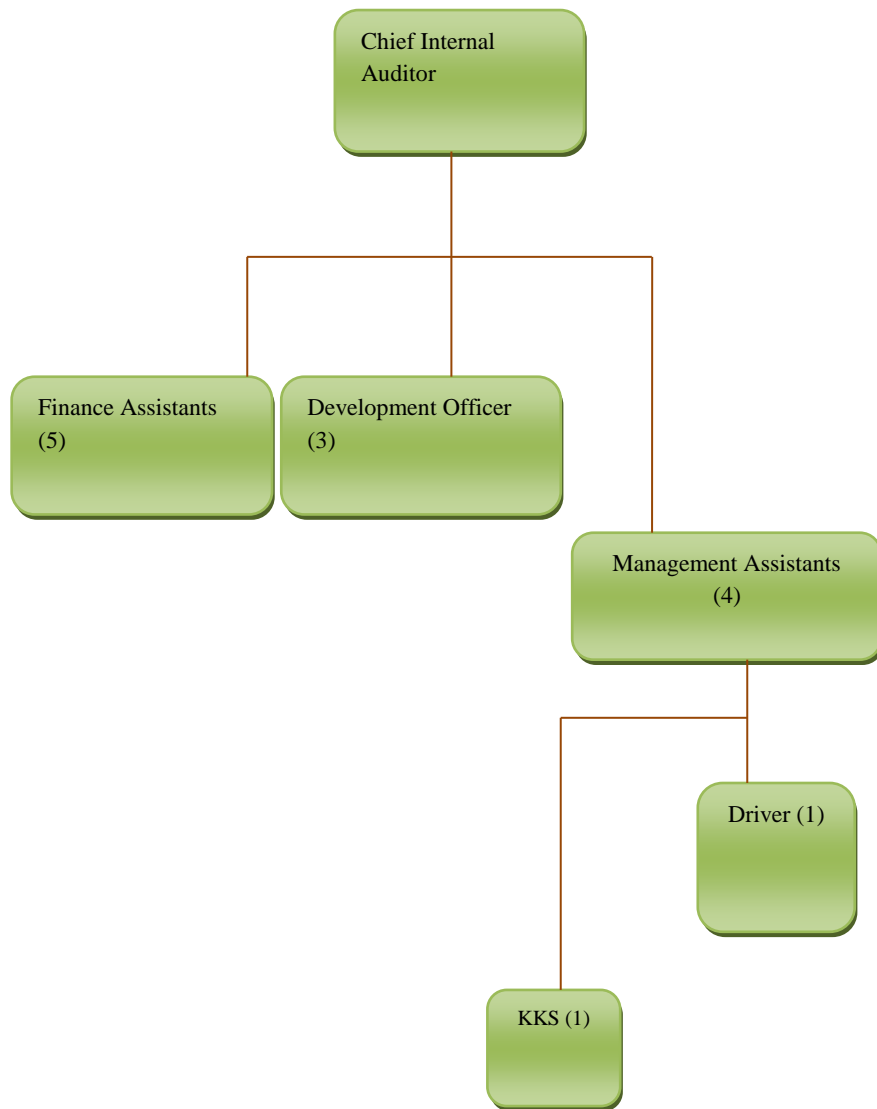
- i. Performance Audit
- ii. Financial Audit
- iii. Institutional Audit
- iv. Physical Field Inspections

Continues audits and independent evaluations related to that, have been done as per the Audit Plan prepared by the Divisions and activities of the Development projects within the Highways and Road Development section under the Ministry have been audited to ascertain whether the anticipated objectives and targets have been achieved and necessary guidance have been submitted.

Achievement of Targets and the Review

Audit activities have been implemented successfully as per the Audit Plan 2018. The internal Audit Division was to able to give effective audit clarifications, Observations and recommendations through each audit inspection and special investigation and thereby eliminate the deficiencies in internal control systems in relation to the cadre management, administrative and accounting deficiencies, improper use of vehicles and other matters and to submit proposals to strength the internal control system.

Organization Chart

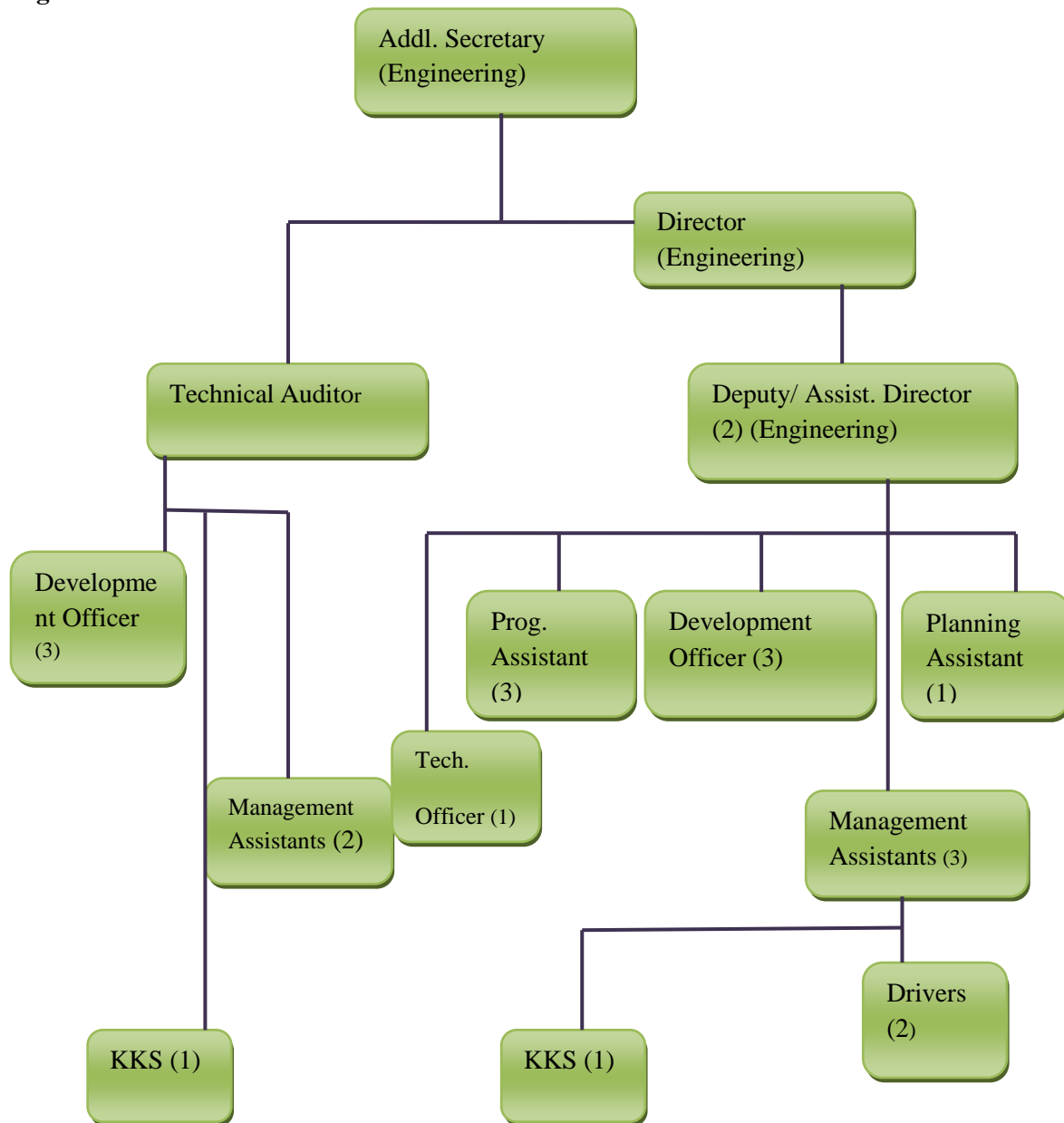


1.4.8 Engineering Division

The Engineering Division bears all responsibilities of constructing highways within Sri Lanka on behalf of the Highway sector of Ministry of Highways & Road Development and Petroleum Resources Development. Supervision of implemented projects, reviewing of progress and conducting technical audits in projects are solely carried out by the Engineering Division.

Functions & Duties of the Division

- Supervision of all the engineering tasks of constructing highways and conducting technical audits
- Supervision of progress and quality of projects which are carried out under local and foreign funds
- Preparing of annual Highway Schedule of Rates (HSR)
- Conducting taking over of roads
- Confirming the transparency and identity of bitumen buyers
- Coordinating and Participating for “Project Steering Committee (PSC)” meetings
- Evaluating the performance reports of each project
- Bearing office as the chairperson of Ministry Procurement Committee(PPC)
- Participating for important meetings held at President Office, Prime Minister Office and Treasury as directed by the Secretary
- Bearing office as chairperson at Contractors’ Rights and Disputes Settlement meetings
- Updating and maintaining the computer network of the Highway sector of Ministry of Highways & Road Development and Petroleum resources Development.
- Carrying out duties assigned by the Secretary of the Highway sector of Ministry of Highways & Road Development and Petroleum resources Development.

Organization Chart**Goals and Review -2018**

- Progress and quality of constructed highways and bridges and their performance reports are supervised by Additional Secretary (Engineering) and parallel participation for Project Steering Committee (PSC) meetings were taken place.
- Highway Scheduled of Rates (HSR) – 2018 issued on February.

- Public complaints on construction work of highways received to the Secretary of Ministry in 2018 were supervised with relevant site reviews.
- Steps had been taken to confirm 17 bitumen buyers in 2018.

Challenges and Issues

- Difficulty of Issuing the Highway Schedule of Rates (HSR) within January of each year.
 - Several reminders to be sent to receive relevant rates from suppliers
 - Variation of rates due to policy changes made by the Government.
- Delay due to not receiving prompt replies from Provincial Councils for Requests made on taking over of roads.

1.4.9 Planning & Monitoring Division

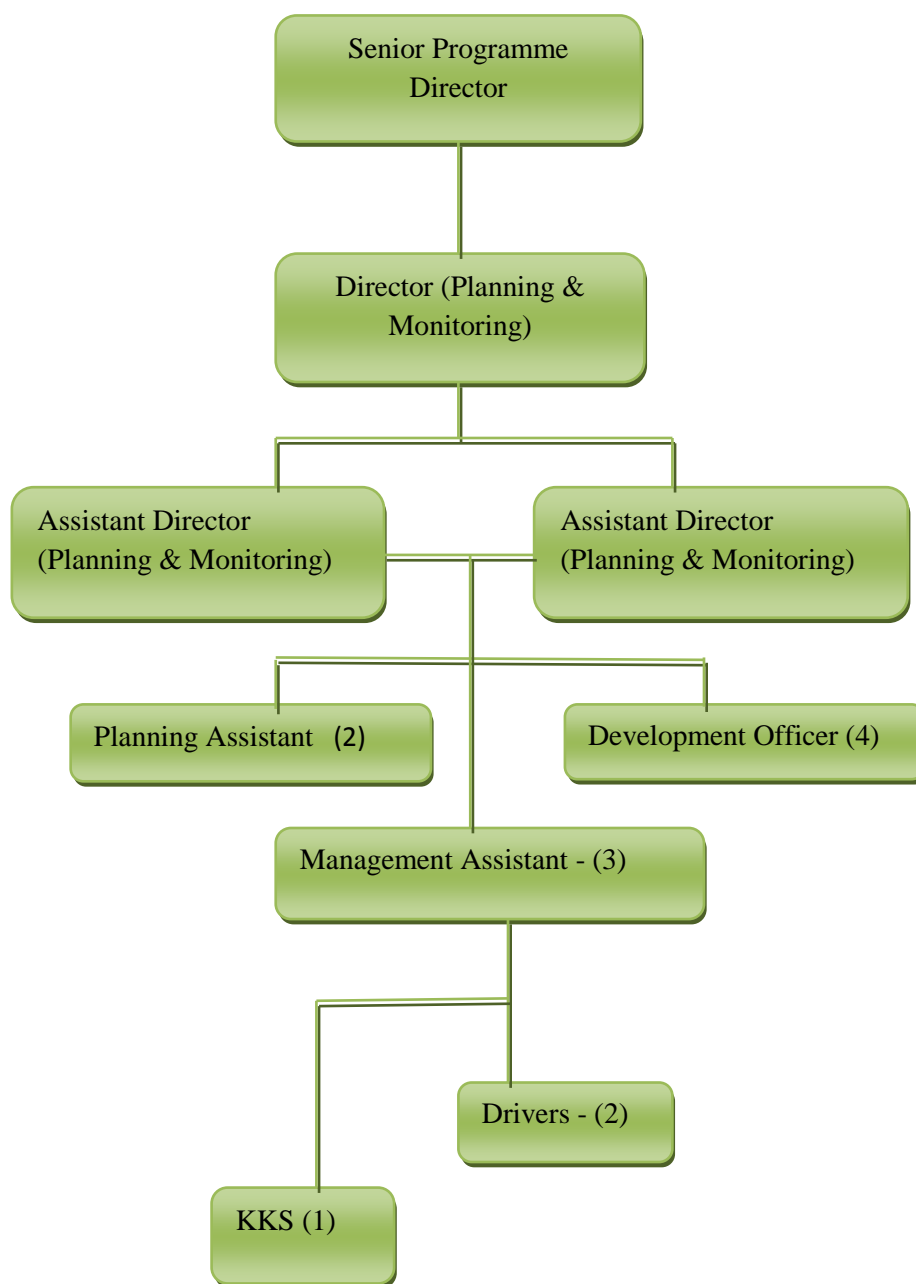
Planning & monitoring division of the Ministry of Highways & Road Development and Petroleum Resources Development is the main division responsible for formulating policies and supervision & Coordination of planning, implementing, monitoring and evaluation of all development projects comes under highways sector. The main functions of the division can be stated as follows.

- Formulation of policies relevant to highways sector in consultation with relevant stakeholders.
- Planning, implementing, monitoring and evaluation of highway sector development projects.
- Preparation of Annual Work Programme in line with government priorities and as per budgetary allocations.
- Preparation of Annual Performance report and progress report to the annual budget discussion.
- Preparation and submission of progress reports required by various authorities.
- Compilation of road sector related data and updating the data base as per variations.

- Scheduling and coordination of Project Steering Committee (PSC) meetings with respect to all major projects conducted under the purview of Ministry.
- Evaluation and submission project proposals and concept papers to Department of National Planning and Department of External Resources for approval and funding from the government.
- Evaluation and commenting on various official documents submitted by International Donor Agencies on behalf of Secretary as Aide Memoire, Memorandum of Understanding, and Minutes of Discussion etc.
- Representing meetings, workshops, seminars conducted by different authorities and involved in decision making process in line with vision, mission, functions and development priorities of the Ministry.
- Regular coordination and representation for the sectoral oversight committee on “Transport & Communication” and subcommittee on “Road safety & Traffic Management” on behalf of Secretary.
- Timely completion and submission of progress reports to the institutions as per requirements made.

During the year 2018, a number of 113 Project Steering Committee meetings have being conducted representing 23 Project Management units. Duly completion and submission of Annual Performance Report -2017; Progress Report- 2018, Quarterly Progress reports of 2018 Monthly Progress reports and reports to be submitted to the Department of National Budget providing updated financial and physical progress of projects. Further evaluation of progress reports submitted by project directors and conductance of activities mentioned under the functions of the division.

Organization Chart – Planning & Monitoring Division



1.5 Training and Seminars (Highways Sector)

Details of local and overseas trainings and Seminars for the year 2017 given to the ministry officers are given below.

Category	No. of Participants
Local Trainings	
Executive	08
Non Executive & others	104
Foreign Trainings	
Executive	08
Non Executive & others	-
Local Seminar	
Executive	-
Non Executive & others	
Foreign Seminar	
Executive	-
Non Executive & others	

1.5.1 Official Foreign Training

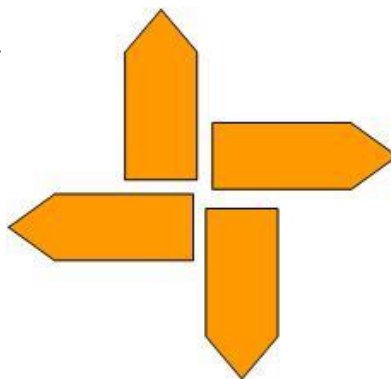
N o	Name	Designation	Count ry	Period	Mission
01	Mr.B.Ranaweera	Addl. Secretary (Development)	China	2018.05.04 2018.05.14	Educational tour in China
02	Mr.H.C.S.Gunathilake	Addl. Secretary (Engineering)	Korea	2018.09.18- 2018.09.20	6 th Global Infrastructure Cooperation Conference
03	Mr.D.D.Matharaarachchi	Senior Programme Director(Planning &Monitoring)	Thailand	2018.02.05- 2018.02.16	Sustainable Consumption and Production
04	Mrs.H.I.Pallawala	Director (Project Management & Procurement)	India	2018.01.11- 2018.01.12	Workshop on Line of Credit Guidelines and Procedures for the Officials of the Government of Sri Lanka
05	Mr.D.D. Mataraarachchi	Senior Programme Director(Planning & Monitoring)	Thailand	2018.09.17- 2018.09.18	Workshop on BMISTEC Master Plan on Transport Connectivity
06	Ms.W.P.Kalyani	Assistant Director (Maganeguma)	Thailand	2018.01.22- 2018.01.26	Infrastructure Project Management
07	Mr.W.H.K.D.B. Rathnayake	Director (Planning & Monitoring)			
08	Mrs.P.Amarathunga	Assistant Director (Planning & Monitoring)	China	2018.07.11- 2018.07.30	Seminar on Highway Building for Foreign Officials Under Belt and Road Initiative

No	Name	Designation	Country	Period	Mission
09	Mr.E.N.Dayarathna	Assistant Secretary (Project Management Procurement)	China	2018.06.07-2018.06.21	2018 Seminar on Cross Border RMB Settlement & RMB International for Countries under Belt & Road Initiative
10	Mr.J.K.N.Perera	Chief Finance Officer	India	2018.09.09-2018.09.15	Secound Country Study Visit
11	Mr.D.C.Dissanayake	Secretary	Washington	2018.09.30-2018.10.05	Conference held by Millennium Challenge (Pvt) Ltd. with coordination of Prime Minister Office

Road Development Authority

Vision

“To be valued as the premier national institution of multi-disciplinary excellence in highway engineering, which meets the community’s expectations by providing an excellent national highway network”.



Mission

“As the premier national organization of the road sector, to provide an adequate and efficient network of national highways, to ensure mobility and accessibility at an acceptable level of safety and comfort, in an environment friendly manner, for the movement of people and goods paving way for the socio-economic development of the nation”.

Road Development Authority is one of the Institutions under the ministry of Highways & Road Development and Petroleum Resources Development which is the apex organization in Sri Lanka for highways sector. The Road Development Authority (RDA) , incorporated as a statutory body under the Ministry of highways by the RDA ACT No. 73 of 1981, became successor to the Department of Highways in 1986. Since then, the RDA has become responsible for the maintenance and upgrading the National Highway Network.

The RDA is the premier highway authority in the country and is responsible for the maintenance and development of the National Highway Network, comprising the Trunk (A class) roads, Main (B Class) Roads and Expressways and the planning, design and construction of new highways, bridges and expressways to augment the existing road network.

1.6 Financial Performance

Details of allocation of funds and expenditure up to end of December 2016 are given in tables below.

Table 1.6.1 Total Expenditure

Revised Budgetary Allocation and Total Expenditure

Description	Net Allocation 2018 (Rs.)	Expenditure 2018 (Rs.)	Financial Progress (%)
Recurrent Expenditure	263,280,000.00	227,825,022.91	87%
Capital Expenditure	196,055,130,000.00	166,449,293,419.16	85%
Total	196,318,410,000.00	166,677,118,442.07	85%

Table 1.6.2 Recurrent Expenditure

Description	Net Allocation 2018(Rs.)	Expenditure 2018 (Rs.)	Financial Progress (%)
Personal Emoluments	207,800,000.00	172,926,114.02	83%
Other Expenditure	55,480,000.00	54,898,908.89	99%
Total	263,280,000.00	227,825,022.91	87%

Table 1.6.3 Capital Expenditure

Head	Programme	Project	Category/Object/Item Description	Revised Allocation 2018(Rs)	Expenditure as at 31-12-2018 (Rs.)
117	1	1	Capital Expenditure of Minister's Office	3,208,000.00	3,013,886.12
117	1	2	Capital expenditure of Administration & Establishment Services	4,792,000.00	3,984,101.71
117	1	11	Capital Expenditure of State Minister's Office	2,950,000.00	2,118,727.90
117	2	3	Expressways Development	78,627,250,000.00	61,454,939,844.28
117	2	4	Highways Development	79,201,600,000.00	71,948,619,712.86
117	2	5	Widening & Improvements of Roads	10,865,000,000.00	7,559,000,000.00
117	2	6	Construction of Bridges & Flyovers	14,333,000,000.00	13,311,019,373.29
117	2	7	Natural Disaster Affected Roads Rehabilitation	3,805,000,000.00	3,780,745,910.92
117	2	8	Institutional Support	6,112,000,000.00	6,112,000,000.00
117	2	9	"Maganaguma" Rural Road Development	3,100,330,000.00	2,003,807,172.71
Total				196,055,130,000.00	166,179,248,729.79

Table 1.6.4 Advance Account

Description	Maximum Limits of Expenditure (Rs.)	Minimum Limits of Receipts (Rs.)	Maximum Limits of Loan Balance (Rs.)
Actual Limit of year 2018	27,000,000.00	10,000,000.00	58,000,000.00
Actual Amount of year 2018	25,131,491.90	13,361,924.86	51,612,328.06

2.0 ENHANCED INVESTMENT AND NEW INITIATIVES

As the Government of Sri Lanka expects to maintain the economic growth in a higher rate, it has been identified as keeping the road network in a proper condition is vital to achieve this development target. In spite of the heavy investment on uplifting the living standards of the people in all over the country, the government has allocated a substantial amount of Rs.136, 263 million, which revised up to Rs. 196,318 million by additional allocation and supplementary budget for the Highways & Road Development sector in the Ministry of Highways & Road Development And Petroleum Resources Development in 2018 under the budgetary head 117 for this endeavor.

2.1 New Initiatives

2.1.1 Elevated Highway Project from New Kelani Bridge to Athurugiriya

Elevated Highway Project from New Kelani Bridge to Athurugiriya via Rajagiriya has been designed with the main objective of improving the connectivity in between Colombo City, sub-urban regions adhered with and existing expressway network. Reduction of existing traffic congestion within the Colombo metropolitan region can be stated as another purpose of the above project. The road users will be able to access the elevated road through Dematagoda, Rajagiriya, Parliament Complex Entrance at Battaramulla and Koswatta interchanges. The project will be implemented as a Public Private Partnership (PPP) Project.

The project was designed to be implemented under 2 sections. The first section of the project is a 4 lane road section with the total length of 6.9 km originated from New Kelani Bridge and ends up at Rajagiriya whereas section 2 of the project extends from Rajagiriya up to Athurugiriya (10.4 km) which connects with the Outer Circular expressway. The first section of the project is expected to be commenced in 2018 and planned to be completed in 2021. As the expressway is designed for the speed limits of 80km/hr – 100km/hr, the road users will be able to travel within 18 minutes from New Kelani Bridge to Athurugiriya ultimately.

Feasibility study for Phase I is completed whereas land acquisition process is in progress. As at the end of 2018, progress of the land survey activities is 20% & progress of Procurement of Investor for phase I is 17%. According to the Action Plan 2018, land acquisition process

completion target was 90%, but, achieved progress is less than the target. So, target achievement is 22% only.

Procurement of consultants for Feasibility study - Phase II & Feasibility Study - Phase II have been achieved respectively 20% & 90% progress as at the end of 2018. Construction works were not yet commenced.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary provisions (Rs. Mn.)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-03-15	2105 Land & Land Improvement	250.0	-	-
	2506 Infrastructure Development	80.0	111.75	53.03
	Total	400.0	111.75	53.03

The financial progress achieved for the project during 2018 was 47% where it was reported as 14% during 2017. According to the action plan - 2018, Expenditure target was Rs.400 Mn, but, that provision was reduced at the last few months as land acquisition works unable to carried out as per plan. But, year 2018 performance towards this project much better than the previous year.

2.1.2 Port Access Elevated Highway Project

The port access highway which can be stated as an elevated highway was designed with the objective of providing an efficient and an intensive service for the road users. The Asian Development Bank has agreed to provide the financial assistance for the project with an investment of Rs.36, 500Mn. The expected outputs of the project will be,

- The Elevated Road section starts at New Kelani Bridge and ends at Galle-face.
- Relocation of buildings within the Colombo Port.
- 6 lane road section running at ground level parallel to Elevated Road section.

Through the proposed highway the freight transportation as well as transport facilities of commuters will get more efficient and get ease with the reduction of traffic congestion within the occupied regions of the Colombo Metropolitan area. Furthermore, the marine services and the

distribution of maritime goods in between peripheral regions with Colombo and navy bases of Colombo port will be enhanced as a result of the improvement of connectivity.

Procurement for construction of Port Access Elevated Highway, construction Maritime Facilitation Center & Piling work Maritime Facilitating Center were in progress during year 2018. Progress of Preparing Detail design, Procurement of Contractor & Procurement of Consultant were respectively 30%, 40% & 35% as at the end of 2018.

The financial progress of the project was 95% for year 2018 whereas funds which are allocated by the Budget 2018 were transferred to other projects due to underutilizing of funds. Since construction works were not being initiated during 2018 also the provisions were not being utilized up to an optimum level.

According to, revised provisions, the project has been utilized 85% provisions as at the end of 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provisions (Rs.Mn.)	Revised Provisions as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-03-16	2506 Infrastructure Development	3,040.0	32.00	30.45
	Total	3,040.0	32.00	30.45

2.1.3 Ruwanpura Expressway Project

The length of proposed expressway from Kahathuduwa to Pelmadulla is approximately 74 km. The purpose of construction of this expressway is to enhance the connectivity in between Sabaragamuwa province with Western and Southern Provinces to improve the transport facilities, accessibility and connectivity within the provinces described above. The project has designed to complete under 3 sections and the details of each section can be stated as follows.

Section 1 – Road section from Kahathuduwa to Ingiriya (0.00km-26.30km)

The total length of this expressway section is 26.3km and the proposed section was designed with 3 interchanges located at Kahathuduwa, Horana and Ingiriya respectively.

Section 2 – Road section from Ingiriya to Rathnapura (26.30km -52.50km)

Section 2 of the expressway will be constructed from Ingiriya to Rathnapura with a total length of 26.2 km. Construction of 3 interchanges (located at Kiriella, Kuruwita and Rathnapura) and 6 tunnels will be included under this expressway road section.

Section 3 – Road section from Rathnapura to Pelmadulla (52.50km -73.9km)

The third section of the Ruwanpura expressway which will be the final road section will extend from Rathnapura to Pelmadulla with a total length of 21.4 km.

The map of the proposed expressway can be illustrated by *annexure - 01*. The construction of the proposed expressway will enhance industrial development of Gem industry, export industrial products such as tea, as well as exploration of new industries also. The living standards of the community will also get enhanced via the high scaling of the valuation of lands. By the end of December 2018, the feasibility study report have been finalized and the environmental impact assessment report have achieved 99% of progress as it has to be approved by Central Environment Authority whereas 70% of procurement work for section 1 has been finished by then. The land acquisition process of the project has been commenced in late 2016 whereas 20% has been achieved as at 31st December 2018. Target achievement of land acquisition process was 5% with respective to action plan 2018. Although, PMU was accepting to carry out land acquisition process for the all 3 sections, only land acquisition process for section 1 was carried out in the year 2018 as funding was not finalized for the project. Civil works are not commenced yet.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision (Rs.Mn)	Revised provisions as at 31/12/2018 (Rs. mn)	Expenditure (Rs. mn)
117-02-03-13	2506 Infrastructure Development	110	90	75.3
	2105 Land & Land Improvements	500	-	-
	Total	610	90	75.3

Although, this project was originally allocated Rs.610 mn for year 2018, at the end of the year provisions were transferred to other projects. Due to slow progress of the land acquisition process there weren't any compensation payment done in 2018. So, when financial progress compared to the revised action plan, it is 15%. But, as per the revised provision at end of the year, financial progress is 84%. The financial progress attained for 2018 was 84% where only 77% was utilized during 2017.

2.1.4. Improvement of Central Expressway connectivity roads in Kandy and its suburbs

Due to Kandy District is located in a hilly terrain and surrounded by many mountains, construction & maintaining required expressway standards is very costly and it is not financially viable. Therefore, through extensive studies the RDA has decided to construct the Expressway up to Galagedara on Katugastota- Kurunegala - Puttalam Road (A10 Road) and improve some of existing major roads to required standard in order to connect Kandy City and major link roads connecting to the Kandy City with the Expressway network.

Under this project following 6 roads have been selected to improve.

Table 2.1.4.1 Proposed roads to be improved

Package	Item No.	Road Name	Length (km)	Progress
Package 01	01	Widening & improvement of Katugastota - Kurunegala - Puttalam Road (A10) from Katugastota to Galagedara (from Ch.0+000 to Ch.13+000) (Four Lane)	13	Topographic al Survey & Geometrical Design have been completed
	02	Construction of By-pass road at Katugastota town connecting A009 Road and A010 Road (Four Lane new road)	0.53	
Package 02	03	Widening and improvement of Aladeniya - Iriyagama Road (B 005)	10	
Package 03	04	Widening and improvement of Barigama - Haloluwa Road, (B 537) (From Ch. 0+000 to Ch.5+750)	5.75	
	05	Widenning & Improvement of Arambakade - Bokkawala - Ambatenna Road, (B015) From Arambakade - Bokkawala - Pujapitiya Section	2.5	Topographic al Survey is in progress
	06	Widenning & improvement of Alawathugoda - Pujapitiya Road (B377)	8.1	
Total			39.88	

Although this project was not given budgetary provisions for 2018, initial activities have been done during 2018. In addition to above mentioned activities, preparation of documents are in progress for selecting consultant to carry out feasibility study.

2.1.5. Construction of 3 flyovers at Kohuwala , Gatambe & Heerassagala

The RDA has identified the requirements to improve the capacity of many strategically important intersections and levels crossing with the aim of increasing the capacity of the overall road network. Accordingly, MHRD & PRD and RDA has taken many actions to improve those intersections So, Kohuwala, Gatambe & Heerassagala are the newest flyovers which are going to be constructed in near future under Hungarian funds.

Kohuwala flyover is located at Kohuwala Junction, along Colombo - Horana (B84) road which is a one of the main artery roads leading to Colombo city and connecting densely populated

suburban areas. When consider about this junction, it can be seen most of the traffic goes straight through the junction along the B84 Colombo - Horana Road. And that flow mainly disturbed by the vehicles coming along B120 and B229 roads and vehicles turning to B84 roads from B229 road. Therefore, construction of a flyover that can take all this straight traffic through the junction will resolve most of the conflicts in the junction while free flow of straight traffic along B84 road.

Two of the main artery roads leading to Kandy are William Gopallawa mawatha (AB42) and A1 intersections at Gatambe Junction. The existing level crossing is located on AB42 William Gopallawa Mawatha at Gatambe around 120m from the Gatambe intersection. The proposed flyover spans over the A1 road leading to City of Kandy and the level crossing across AB 42 road. In addition the proposed flyover has branching extending over the level crossing facilitating traffic coming on AB42 from Kandy to bypass the level crossing without being disturbed by railway gate closure.

The proposed flyover is located at Heerassagala Junction along William Gopallawa Mawatha (AB42) approximately 1.6km away from the Gatambe Junction. This Junction is one of the critical bottlenecks on AB42 road one of the main arterial roads leading to Kandy city. Railway tracks also are in parallel to AB42. At this intersection there is a railway level crossing which creates a conflict between the traffic flow at the by road and the level crossing. Also, this flyover is necessary for the Gatambe flyover to be more effective clearing the corridor from Gatambe to Kandy city.

Table 2.1.5.1 Proposed 3 flyovers

Name of the flyover	Length of the flyover	Ramp length	Span configuration	Flyover Width
Kohuwala	229 m	97.6m	3spans - 132m	9.4m
Gatambe	Main flyover - 396.7m	Main flyover	Main flyover 8	3 lane section
	Branching to A1 - 432.4m	116.7mBranching	spans	13.4m
		147.4m	Branching 8 spans	2 lane section - 9.4 Single lane branching 5.4 m
Heerassagala	316.4m	132.4m	5spans - 184m	9.4m

2.1.6. Construction of Kokilai Bridge

The Road Development Authority has identified the requirement for construction of a new, 1050m long composite bridge across the Kokilai Lagoon on Mullativu - Kililai- Pulmudai Road so as to provide continuous land connectivity on the coastal belt between the Eastern Province and the Northern Province.

In the national road network, there is no continuous land connectivity beyond Pulmoddai along the coastal belt. In order to address this problem, with the extension of Mullativu –Kokilai road (B297) up to Pulmudai, 42.4km long Mullativu – Kokilai - Pulmudai road had been improved under China Exim Bank funded Northern Road Rehabilitation Project. This road is a major trunk road connecting Trincomalee district with Northern Province. This is the shortest route to north bound traffic from eastern province linking Trincomalee and Batticaloa to Mullaitivu, Kilinochchi and Jaffna districts. This road has two main sea crossings namely Nayaru lagoon and Kokilai lagoon. Although, The bridge across Nayaru lagoon has been constructed under the same road project, construction of bridge across Kokilai was not included for that contract due to fund limitation.

There is about 1,025m water way gap at the Kokilai lagoon during monsoon and it reduces to 800m during dry season. the traffic on this road has been increased and at present this traffic has to ply detour more than 25 km along local and Pradeshiya Saba roads. These detour roads are gravel roads which are in very dilapidated conditions and most of them are impassable during rainy season.

Further, the costal stretch from Pulmoddai to Kokilai contains an estimated 4 million tons of heavy mineral sand concentrates. With the implementation of this project these sources can be explored more efficiently and more economically. The Kokilai bird sanctuary is also located in the area around Kokilai lagoon. Therefore construction of Kokilai bridge project will facilitate the tourism industry as well as the development of heavy industries in the area.

To get the maximum benefit of the ongoing Mullativu-Kokilai-Pulmudai road improvement project construction of bridge across Kokilai lagoon is vital.

Although, RDA has done all basic activities for implementation of this project in 2013 & 2014, it was suspended in 2014 due to change of priorities. It was taken up for consideration again in 2018. A project Proponent, Bilfinger MCE Slanys.r.o. of CZECH Republic has submitted an unsolicited project proposal on a turnkey basis for the implementation of this project, to the RDA. The Ceskoslovenska obchodni banka,a.s (CSOB) has offered finance up to the Contract value of Euro 48.8 million. Out of this Contract Value Euro 41.5 million will be provided by CSOB and the balance Euro 7.3 million by Hatton National Bank (HNB). The Location Map of Kokilai Bridge can be illustrated by *annexure 02*

3.0 EXPRESSWAYS DEVELOPMENT

An efficient transport system is a pre-requisite for the rapid economic development of any country & for improving the quality of life of people. Although the road network is extensive, in Sri Lanka most of the national & provincial roads were built more than 50 years ago to cater to the traffic volume, which the vehicle type & vehicle speeds existed at that time. Therefore, requirement of a high mobility network which connects all parts of the country has been identified as a must. Thus an expressway network to augment the national highway network which intends to develop about 800 km covering almost all economic centers has been identified to cope with the issues.

Presently, following expressways have been identified as components of the proposed high mobility expressway network. The map of proposed expressway network can be illustrated by *annexure- 03*.

- Southern Expressway (E01)
- Colombo - Katunayake Expressway (E03)
- Outer Circular Highway (E02)
- Southern Expressway Extension up to Hambanthota
- Central Expressway
- Colombo - Rathnapura - Pelmandulla Expressway (Ruwanpura Expressway)
- Elevated Highway from New Kelani Bridge to Athurugiriya
- Port Access Elevated Highway

The existing expressway network consists of 169.13 km. Colombo – Katunayake Expressway, Southern Expressway & Outer Circular Highway from Kottawa to Kadawatha are already in operation providing an efficient transport network.

Outer Circular Highway -Phase III, Extension of Southern Expressway & Central Expressway Section II would be completed in 2019 as the newest members of Expressway Network in Sri Lanka.

3.1. Operation, Maintenance and Management of Expressways

Expressways Operation, Maintenance and Management Division of the Road Development Authority are responsible for smooth functioning of expressways under the purview of Ministry of Higher Education and Highways. Basic Planning, Management and Operation of traffic activities, tolling activities and maintenance activities together with budgeting and auditing activities of the expressways were conducted by this division. Details of traffic volume of the Southern Expressway, Colombo- Katunayake Expressway and Outer Circular Highway from Kottawa to Kadawata are shown in table 3.1.1. A graphical illustration of average daily traffic volume of the expressways mentioned above was shown in *annexure 4(A)*.

Table 3.1.1 – Average Daily Traffic Volume of Expressways

Year	Average Daily traffic Volume of Southern Expressway & Outer Circular Highway from Kottawa to Kadawatha	Average Daily traffic Volume of Colombo Katunayaka Expressway
2011	8,531	-
2012	9,458	-
2013	11,737	15,194
2014	19,095	18,401
2015	27,736	20,782
2016	44,384	23,974
2017	52,977	25,844
2018	60,524	27,971

From the data revealed in table 3.1.1 it can be expressed that average daily traffic volume of Southern Expressway and Outer Circular Highway from Kottawa to Kadawatha were increased more than 14% in 2018 than in 2017 due to the fact that the commuter usage of those expressways has increased. Average daily traffic volume of Colombo Katunayaka Expressway has increased nearly 8% in 2018 with respect to 2017. The highest increasement of average daily traffic volume of the said expressway was recorded in 2018 for the reported period till 31st December 2018. Monthly traffic volume of expressways mentioned above can be tabulated as follows.

Table 3.1.2 – Monthly performance of Traffic Volume within 2018

Month	Traffic Volume	
	Southern Expressway & Outer Circular Highway from Kottawa to Kadawata	Colombo Katunayaka Expressway
January	1,824,645	889783
February	1,607,721	769693
March	1,867,735	848883
April	1,870,813	794963
May	1,814,713	820112
June	1,742,304	817965
July	1,824,481	877078
August	2,064,149	934067
September	1,856,199	848896
October	1806040	842979
November	1758602	807515
December	2102059	957780
Total	22091461	10209714

The highest monthly traffic volume was recorded in December for all expressways mentioned above while the least was observed in February during 2018. As for the year 2017 the months which showed the highest and the lowest traffic volumes were remained similarly. This is the similar pattern which can be observed in every year. A comparison of monthly traffic volume of Southern expressway & Outer Circular expressway from Kottawa to Kadawata with Colombo - Katunayaka expressway in 2018 is given in *annexure 04 (B)*.

A comparison of toll revenue from 2011 to 2018 of above expressways can be illustrated in table 3.1.3 as follows. The toll revenue of Southern Expressway & Outer Circular Highway from Kottawa to Kadawata has increased 13% during the year 2018 with respect to 2017. The toll revenue of the expressways mentioned above has increased drastically in 2012 with respect to 2011 since the section 1 of Southern Expressway was opened for general public in end of November 2011. The toll revenue obtained in 2012 was contributed only from Southern Expressway until December since the Outer Circular Highway Section 1 from Kottawa to Kaduwela was opened for general public in December 2012. The toll revenue of Colombo Katunayaka expressway has increased 8% with respect to 2017 during 2018. The toll revenue of Colombo Katunayaka Expressway was increased drastically in 2014 since the expressway was opened for general public at October 2013. A further illustration of the above revenue data can be illustrated in *annexure 4(C)*.

Table 3.1.3 – A comparison of Toll Revenue Southern Expressway & Outer Circular Highway from Kottawa to Kadawata with Colombo Katunayaka Expressway

Year	Toll Revenue of Southern Expressway & Outer Circular Highway from Kottawa to Kadawatha (Rs.Mn)	Toll Revenue of Colombo Katunayaka Expressway (Rs.Mn)
2011	83.19	-
2012	1,017.02	-
2013	1,256.65	282.16
2014	2,141.35	1,887.73
2015	3,128.89	2,163.27
2016	4,550.89	2,496.81
2017	5,214.20	2,606.75
2018	5,893.92	2,821.78

The highest toll revenue was recorded in December while the least was recorded in February during the year 2018 similar to 2016 & 2017 for all above expressways.

Table 3.1.4 - Monthly earned Toll Revenues of Expressways in operation during 2018

Month	Toll Revenue of Southern Expressway & Outer Circular Highway (Rs. Mn)	Toll Revenue of Colombo Katunayaka Expressway (Rs. Mn)
January	492.80	245.25
February	441.87	213.83
March	510.49	234.98
April	513.55	220.48
May	470.50	225.78
June	450.97	225.06
July	470.50	242.44
August	542.13	258.88
September	494.80	234.58
October	471.06	232.86
November	465.88	223.41
December	569.37	264.22
Total	5,893.92	2,821.77

From the data expressed in table 3.1.4 total toll revenue per km for Colombo Katunayaka Expressway is higher than that of Southern Expressway & Outer Circular Highway from Kottawa to kadawatha. Further illustration of monthly toll revenues of the above expressways during 2018 can be shown in *annexure 4(D)*.

3.2 Outer Circular Highway Project

The Outer Circular Highway (OCH) to the city of Colombo is a new expressway connecting Southern Expressway, Colombo – Katunayake Expressway & also the other National Highways (A1, A3, A4) radiating from the city of Colombo. Total length of this expressway is 29.1 km. It has been designed for speeds of 80km/h - 100 km/h. Construction works of OCH has been divided into three phases as given below.

- Phase 1 - Kottawa to Kaduwela Section (11 Km)
- Phase 2 – Kaduwela to Kadawatha Section (8.9 Km)
- Phase 3 – Kadawatha to Kerawalapitiya Section (9.3 Km)



**Outer Circular Highway
Kottawa to Kaduwela Section**

Phase 1& 2 of this expressway have been already completed and opened for general public. A summary of details of those 2 can be stated as follows.

Phase	Length (Km)	Commencement Year	Completion Year	Funding Agency	Interchanges
1	11	2009	2014	JICA	Kottawa, Athurugiriya, Kothalawala
2	8.9	2011	2015		Kaduwela, Kadawatha

Although section 2 of Outer Circular Highway has been physically completed in 2015, bill settlement process was remained to be settled in 2018 also.

Therefore overall financial progress of the project as at 31st December 2018 was recorded as 96% whereas it was recorded as 96% for end of 2017.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision (Rs.Mn.)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-03-05	2105 Land & Land Improvements	10.0	13.0	12.5
	2506 Infrastructure Development	710.0	379.0	364.1
	Total	720.0	392.0	376.6

Details of phase III of the expressway can be stated as follows.

Phase III - Kadawata to Kerawalapitiya Section (9.63 km)

Construction work of Phase III of Outer Circular Highway Project from Kadawatha to Kerawalapitiya was commenced in January 2016 and it is expected to be completed in Mid-2019 where construction period of this section is 42 months. Total length of this expressway section is 9.63 km.

This project is being financed by Export & Import Bank of China and the total loan amount is US \$ 494.03 Mn. This section has been achieved 34 % progress for civil work contract as at the end of 2017 where 84% as at the end of 2018. According to that this section has been completed 50% of its construction works during 2018 because of high performance. Therefore the target achievement of the project with respective to revised action plan 2018 was 100% as per the target also 50% for 2018. Construction of internal roads at Millagahawatta resettlement land was completed and construction of internal roads at Jayasumana mawatha-stage 1 was also completed at the end of 2017. Since the Construction of internal roads at Jayasumana mawatha-stage 2 has commenced in the 4th quarter 2017, it has obtained 2% of physical progress as at 31st December 2017. But, it has completed in October 2018.

Financial progress as at end of December 2018 can be stated as follows.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision (Rs.Mn.)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-03-10	2105 Land & Land Improvements	400.0	72	56.0
	2506 Infrastructure Development	3,030.0	17,313.0	13,167.6
	Total	3,430.0	17,385.0	13,223.6

Financial progress with respect to the revised provisions is 76% for 2018. Original budgetary provision given for the project was fully utilized during first half of the year. Therefore, the project was given further allocations for 2018. But, as a percentage, financial progress is lower than the 2017 progress. Anyway at the end of 2017 the project was able to utilize only 88% of the budgetary allocation. With respect to action plan 2018, the physical progress of civil work/ construction work has achieved 50% overall progress where the target achievement of the expressway construction was 100% with respect to action plan 2018. Location Map of Outer Circular Highway Project - phase III is given in *annexure 05*.

**Viaduct 1 – Km 0+915 onwards****Embankment construction – 6th Km**

3.3 Central Expressway Project

Central Expressway Project is a combination of previously proposed two expressways; Colombo – Kandy Alternative Highway (CKAH) trace & the Northern expressway project (NEP) trace. This new arrangement is named as Central Expressway. Construction works of Central Expressway have been divided into 4 sections as follows. Economic Feasibility Study for entire

trace has been completed & it is carried out by University of Moratuwa. As well as, approval for Environment Impact Assessments (EIA) has been received for entire trace.

- **Section 1: Kadawatha to Mirigama**

Total length of this four lane expressway section is 37.09 km & it is included 4 interchanges at Kadawatha, Gampaha, Veyangoda & Mirigama – South. There are two contract packages in this section.

- I. Contract package 1 - Construction of section from Kadawatha - Kossinna
- II. Contact package 2 - Construction of section from Kossinna to Meerigama

Contract agreement was signed on July 2016 for package 1 & August 2015 for package 2 with Metallurgical Cooperation of China (MCC). 86 % of land acquisition works were completed at the end of December where 6% of it was obtained within 2018. 30% of target achievement was recorded for land acquisition in 2018 with respective to action plan 2018. Although, the land acquisition process was planned to complete during the year 2018, it was unable to complete because of various reasons such as delay in payment of compensation & public protests. And also, land acquisition process got delayed until design finalized at some sections to accommodate required curve widening to achieve 110 km/h speed. Civil work of this section has been commenced in September 2016 with a progress of 0.2% at the end of 2016. At the end of 2017 the overall physical progress obtained by this section was 1% .Whereas at the end of 2018, cumulative civil work progress was 5%. The overall target achievement with respective to action plan 2018 for this section was 16%. The main reason for the depletion was that the loan agreement of this section has not being signed until end of the year.



**Soft Ground Treatment – Gravel
Mat Layer**



**Bored Pile Construction work
of Viaduct 18**

- **Section 2: Mirigama – Kurunegala**

Construction work of this section is expected to be completed in August 2019. Total length of this four lane expressway section is approximately 39.7 km & it is included 5 interchanges at Mirigama – North, Nakalagamuwa, Pothuhera (system interchange), Dambokka & Kurunegala. Government of Sri Lanka provides loans through Local Banks in Sri Lanka for this section.

The overall progress of land acquisition for this section was 87% as at end of 2018. The target achievement of land acquisition with respect to revised action plan 2018 was approximately 60% for this section of the expressway. The civil work activities have achieved 7.5% & 52% of physical progress respectively as at end of 2017 & 2018. It is prove that there is rapid & effective performance of section 2 during 2018. If there is not any financial constraints & unavailability the project could have been performed even better during the 2018.



**Road Excavation 58+530-
58+770**



**ABC Laying & Utility Ducting
57+380-57+830**

- **Section 3: Pothuhera to Galagedara**

Total length of this four lane expressway section is 32.5 km & it is included 4 interchanges in Pothuhera, Polgahawela , Rambukkana & Galagedara.. Bank of Tokyo - Mitsubishi UFJ, Ltd has agreed to provide financial assistance for this section. But, it is yet to be finalized. Construction period of this project is 3 years.

Land acquisition process of this section is currently in progress with 84%. The overall progress of land acquisition process recorded as at end of 2017 was 71%. The overall physical target achievement of land acquisition was 43% in 2018 expected target for land acquisition process was unable to achieve because of various reasons such as financial constraints.

Civil works of this section is not commenced yet. Although contracts are not been awarded yet, a Japanese contractor and a consultant have been selected through a limited national bidding procedure. Resettlement Action Plan and Detailed Hydrology Study have been completed.

• Section 4: Kurunegala – Dambulla

Total length of this four lane expressway section is 60.3 km & it is included 5 interchanges in Ridigama, Melsiripura, Galewela, Dambulla (A009) & Dambulla (A006).—Feasibility study is completed for this section, approval for the Environmental Impact Assessment Report (EIA) has been received & land acquisition is currently in progress for this section. Land acquisition process has achieved a physical progress of 16 % although it was targeted as 40 % in the action plan 2018. Therefore, the target achievement of the project was 40%. The cumulative physical progress of land acquisition for this section is 68% as at end of December 2018.

The overall financial progress of Central Expressway Project achieved at the end of 2018 was 97% whereas 70% was observed to be reported as at 31st December 2017. The Budgetary Provisions which was allocated for land & land improvement activities was not fully utilized during the year 2018. Therefore, those provisions were transferred to other projects by FR transactions. And also, further provisions were provided for Infrastructure Development expenditures during the year.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision (Rs.Mn.)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-03-7	2105 Land & Land Improvements	5,000.00	2,243.00	2,236.67
	2506 Infrastructure Development	3,700.00	5,664.00	5,439.00
	Total	8,700.0	7,907.00	7,676.00

A map of Central Expressway is given in *annexure 06*.

3.4 Extension of Southern Expressway Project

Extension of Southern Expressway from Matara to Hambanthota has been identified as one of the key activities in the development of the road network within the Southern Province. The main objective of the project is to link Hambanthota Port & Mattala International Airport with the

commercial capital of Sri Lanka. This project was commenced in 4th July 2015 with the financial assistance by Export and Import (EXIM) Bank of China and the total loan amount of this project is Rs.171.52 Billion. The total length of this expressway section is 96 km and there are 8 interchanges at Godagama – Nagoda, Aparekka, Beliatta, Kasagala, Angunukolapelessa, Wetiya, Sooriyawewa & Andarawewa. The extension of Southern expressway has been divided into four sections as follow.

- **Section 1 : Matara – Beliatta (0.0 km - 30.0 km)**

Construction works of this section were commenced in January 2016 and expected to be completed in July 2019. Project duration is 42 months. Total length of this section is 30 km. The overall cumulative physical progress of the section was 82 % as at the end of December 2018 where 52% was obtained at the end of 2017. The project has achieved 70% of its physical targets with respective to the action plan 2018. It has achieved 30% of progress in physical activities within the year. Land acquisition works, survey & Investigation works were completed where detailed design process has completed up to 98% and construction of embankments was completed by 95% as at end of December 2018.

- **Section 2 : Beliatta - Wetiya (30.0 km - 56.0 km)**

Section two of the Extension of Southern Expressway extends from Beliatta with a total length of 26 km up to Wetiya. Civil work of this section was commenced in October 2016 where the overall physical progress achieved is 29% as at the end of December 2017. By the end of 2018 the overall physical progress achieved was 54% where 25% was achieved within the year. Land acquisition process are also in progress with the 99 % of progress as at the end of 2018. The overall target achievement of this section was 54% with respective to the action plan 2018.

- **Section 3 : Wetiya – Andarawewa (56.0km - 71.0 km)**

Construction works of this section were commenced in January 2016 and expected to be completed in 2019 .Total length of this section is 15 km. overall physical progress is 45% as at the end of December 2017. For year 2018 the project has achieved 44 % of physical progress as at 31st December. Therefore the overall physical progress achieved for this section was 89% as at end of December 2018. According to the revised Action Plan -2018, civil work target was 51%.So, target achievement for 2018 is 86%. Land acquisition works were completed where total length of 15km has been handed over to the contractor during 2017.



**Progressing of construction of works at
Walawe bridge**

Section 4: Mattala to Hambanthota via Andarawewa (71.0 km - 96.0 km)

Construction works of this section were commenced in January 2016 and expected to be completed in January 2019. But, it has taken another 6 months of Extension of Time. So, Project duration is 42 months. Total length of this section is 25 km. The overall physical progress is 48% as at the end of December 2017 where it has achieved 38% within the year 2018. Therefore the overall physical progress achieved at the end of 2018 was 86%. Land acquisition process was completed in 2017. Physical Progress of this section has been achieved more than expected according to Action Plan - 2018 whereas target achievement is 131%.

A map of Extension of Southern Expressway is given in *annexure 07*.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision (Rs. Mn.)	Revised Provision (Rs. Mn)	Expenditure (Rs. Mn)
117-2-3-9	2105 Land and Land Improvement	1,500.00	836.00	834.39
	2506 Infrastructure Development	13,578.00	51,873.5	39,185.55
	Total	15,078.00	52,709.5	40,019.94

The overall financial progress obtained for the all four sections was 76% for the year 2018 whereas it has recorded as 99% at the end of 2017. Provided provisions for 2018 were unable to fully utilize due to imprest receiving issues. Otherwise there were considerable amount of bills in hand as at the 2018 as liabilities.



Construction of Interchanges

4.0 HIGHWAYS DEVELOPMENT

4.1 National Road Network

Ministry of Highways and Road Development Authority (RDA) are responsible to maintain and develop Expressways, 'A' and 'B' class highways which are included as the National Highways network in Sri Lanka. Road length of each road category is given below.

Table 4.1.1 National Highway Network in Sri Lanka

Road category	Total Length (km)
'A' Class Highways	4,215
'B' Class Highways	8,005
Expressways	170
Total	12,390

Table 4.1.2 – Provincial Distribution of 'A' Class & 'B' Class Highways of National Road Network by end of 2018

Province	National Roads (km)		
	A' Class Highways	B' Class Highways	Total
Western	374.48	1,229.82	1,604.30
Central	408.57	1,338.41	1,746.98
Southern	346.88	1,154.36	1,501.24
Northern	734.49	524.97	1,259.46
Eastern	619.55	551.13	1,170.68
North Western	352.43	1,002.75	1,355.18
North Central	492.04	701.74	1,193.78
Uva	471.04	693.19	1,164.23
Sabaragamuwa	415.57	808.58	1,224.15
Total	4,215.05	8,004.95	12,220.00

The highest road length of A Class highways was located in Northern Province while the least was located in Southern Province. Similarly the highest road length of B class highways was located in Central Province while the least was located in Northern Province. The national Road

Network can be further categorized according to the type of surface used for the construction/reconstruction.

Table 4.1.3 - Percentage of Surface Type Distribution

Surface Type	Length (km)	Percentage Contribution
Asphalt Concrete	8272.3	72.1%
Surface Dressing	141.7	1.2%
Penetration Macadam	2896.5	25.3%
Concrete	98.2	0.9%
Gravel	60.2	0.5%

As described the above, highest surface type used can be stated as Asphalt Concrete whereas the least surface type used was Gravel. The percentage contribution of the Surface type can be further illustrated as below.

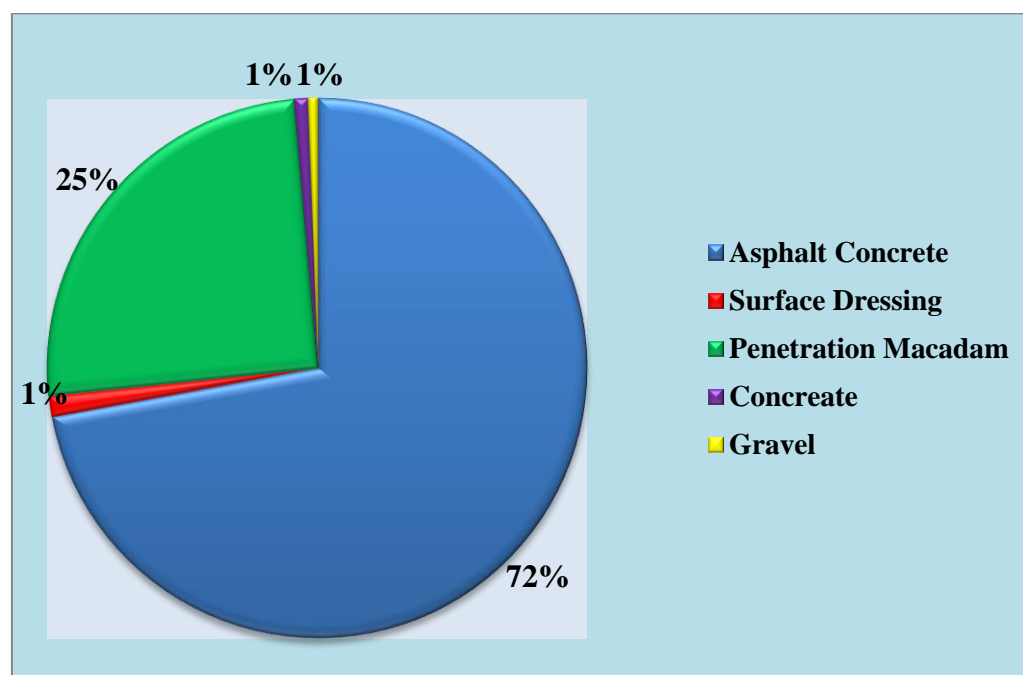


Figure 4.1.1- Details of Percentage Contribution of Road Surface types

Status of National Road Network:

In 2017, a total length of 174 km & 33 km has been rehabilitated respectively within the national road network & Non- RDA roads. And also, about length of 360 km were in progress at the end of year under foreign & local bank funded projects. In addition, reconstruction of 30 bridges was completed during the year under foreign funded projects and 13 bridges were completed under the local funded weak bridge programme.

In the year 2018, improvement/rehabilitation of 47.73 km has been completed and about 1,050 km of road length were in progress at the end of year under foreign & local bank funded projects. In addition, reconstruction of 12 bridges was completed during the year under foreign funds and 10 bridges were completed under the local funded weak bridge programme.

The length of 'B Class' roads has upgraded in approximately 10 km in 2018 and the roads added can be stated as follows (Table 4.1.2). Item no. 01 of the list was a newly constructed road whereas the remaining 2 items were non-RDA before those were taken over by RDA.

Table 4.1.4 - Details of newly added roads to the 'B Class' road network in 2018

Item No	Name of the Road	Length (km)
1	Access road to Defense Headquarters Pelawatta (B642)	1.255
2	Kegalle Bypass Road (B643)	4.400
3	Kelanimulla – Angoda – Koswatta Road (B 644)	4.567

The map of completed and ongoing roads in Sri Lanka is given in *annexure 08*.

4.2 Maintenance of Roads and Bridges (RMTF)

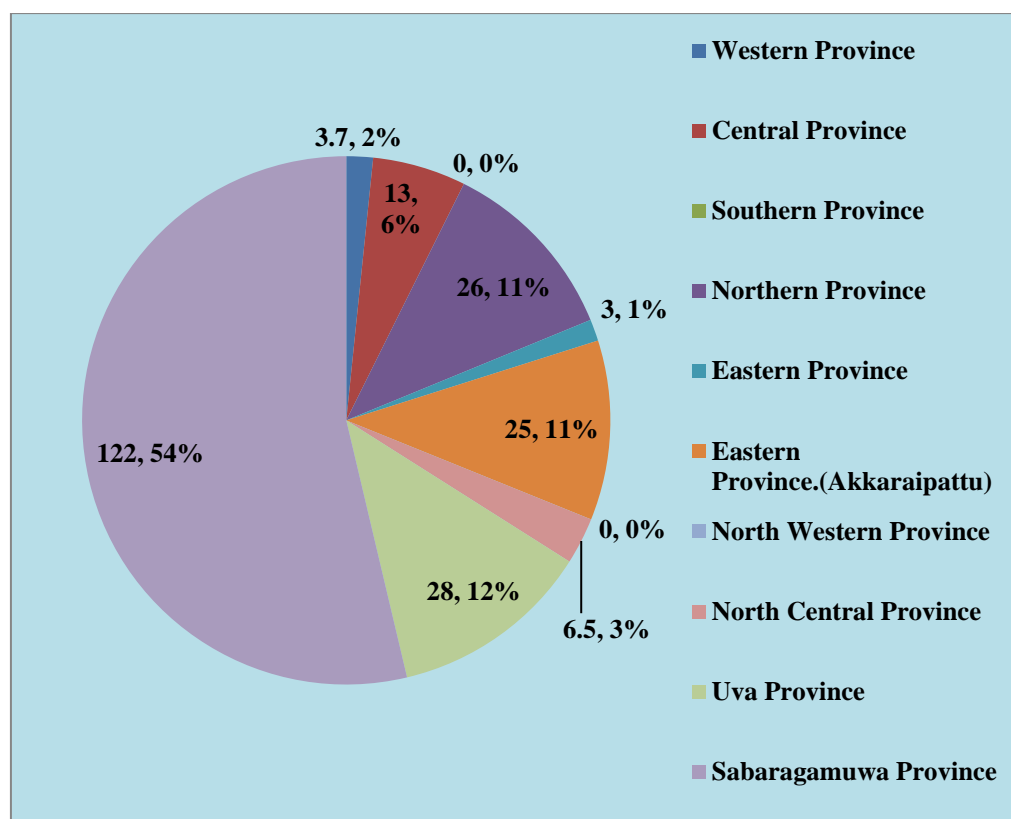
The Road Development Authority (RDA) maintains approximately 12,210 km of national highways and 4,660 bridges & 12 flyovers all over the country. The Provincial Directors, Chief Engineers and Executive Engineers of Road Development Authority are carrying out routine, periodic and urgent improvement works under the annual road maintenance programme. Under this programme, wide range of maintenance activities such as sand sealing, pot hole patching, shoulder construction structures, road improvement, signal light and road markings etc. are being attended island wide. About 110.62 km of roads have been sand sealed from January to end of December 2017 while About 227.2 km of roads have been sand sealed from January to end of December 2018 through direct labors and Institute for Construction, Training and Development

(ICTAD) registered contractors. Details of the progress of road maintenance works are given below.

Table 4.2.1 – Physical Progress of maintenance of roads for the years 2017/18

Province	Sand sealed, Rectified and Resurfaced Road length up to 31 st Dec.2017 (km)	Sand sealed, Rectified and Resurfaced Road length up to 31 st Dec.2018 (km)
Western Province	1.7	3.7
Central Province	14	13.0
Southern Province	-	-
Northern Province		26.0
Eastern Province		3.0
Eastern Province.(Akkaraipattu)	19.07	25.0
North Western Province	2.5	-
North Central Province	5.3	6.5
Uva Province	21.32	28
Sabaragamuwa Province	26.4	122.0
Crack Sealing - Western	20.33	-
Total	110.62	227.2

From the details expressed in table 4.2.1 the highest road length sand sealed, rectified and resurfaced was recorded in Sabaragamuwa Province at the end of both consecutive years 2017 as well as 2018, as 26.4 km and a122.0 km respectively.

Figure 4.2.1 – Province wise Summary of Sand sealed, Rectified and Resurfaced Road length in 2018

Other than Sand sealing, Rectification and Resurfacing of Roads, asphalt overlaying has also been carried out during 2018. For the year 2018 the asphalt overlaying process has achieved 68% of target achievement from the total target of 191.6 km of road length.

Financial progress as at 31/12/2018

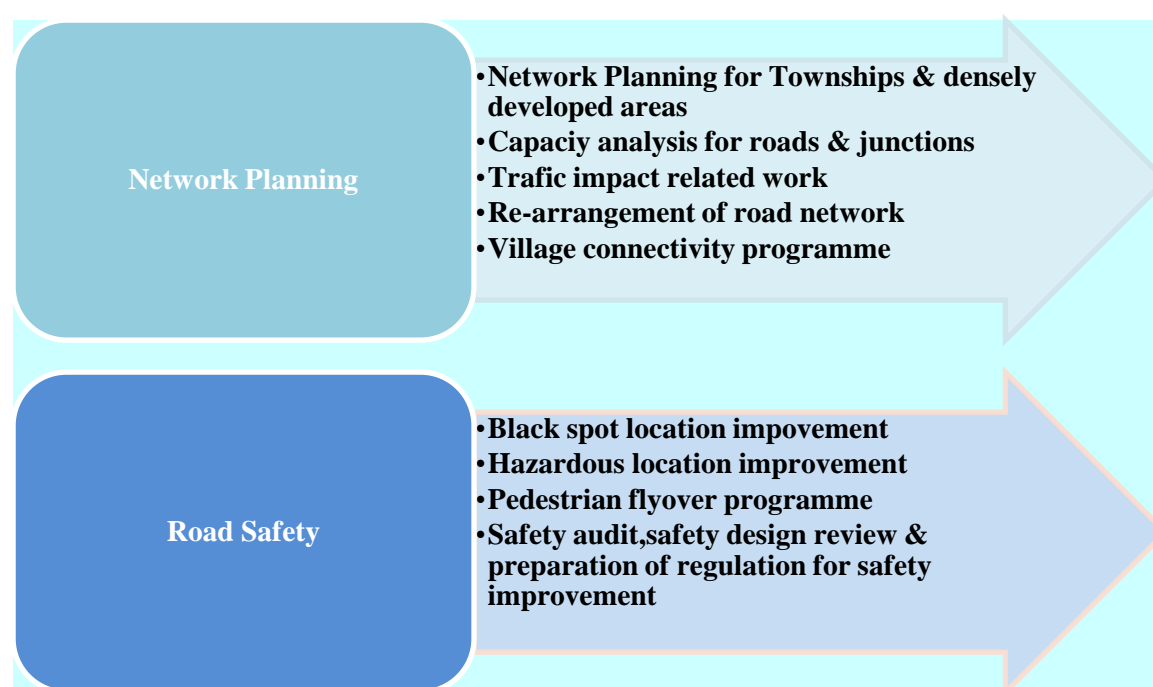
Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-01	2506 Infrastructure Development	5,000.0	5,385.0	4,360.0
Total		5,000.0	5,385.0	4,360.0

Financial Progress obtained by this programme as at 31st December 2018 was 81% while for 2017 it was 91%. Therefore the programme has achieved financial progress more than it was originally planned and had been able to accomplish more than 3 quarters with respect to the revised action plan 2018.

4.3. Network Planning & Road Safety

This is an annual program which is carried out with the purpose of improvement of road safety & better network planning. Under this programme, major consideration has given to the road safety due to the road accidents occurred in the highways network. The network planning and road safety unit under the planning division of Road Development Authority is the key implementing body for this programme thus drives all its efforts to see the road network is free of safety hazards and continually contrives to improve the safety of road users both passengers and motorists. Functions carried out under this programme can be stated as follows.

Table 4.3.1 – Functions carried out under Network Planning & Road Safety Programme



Under each of these several types of activities have been carried out on annual basis depending on the priorities immersed within the national road network and the requests made by both Traffic Police and General Public regarding road safety matters. The number of activities carried out were restricted due to the limited amount of budgetary allocation received each year by the National Budget as well as lack of the human resource within the network planning and road safety unit of Road Development Authority.

Progress of the activities carried out under this programme during 2018 can be shown as follows.

Table 4.3.2. Activities under Network Planning & Road Safety Programme

Item No.	Activity	achievement	%
01	provision of safety apparatus to the identified locations in the national highways to improve the visibility	Fixing 100 Nos. of flexible bollards	100%
02	improvement of road safety near school & industrial zones	Five school zones were selected and Fixing sign boards were completed.	100%

Financial progress of this project was 34% for year 2017 whereas it was recorded as 86% as at end of 2018. The original budgetary provision has been transferred to another project due to the fact that a less no. Of activities which were carried out with respect to action plan prepared at the start of year 2018. Therefore with respect to revised action plan 2018, the financial progress obtained was considerable.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-4-21	2506- Infrastructure Development	25.0	19.0	16.36
Total		25.0	19.0	16.36

4.4 Traffic Management

This project is implemented as an annual program to minimize traffic conflicts at junctions in national highways & to avoid accidents and for the safety of pedestrians near hospitals, schools, public places. This was carried out by Traffic management unit which comes under Highways Design Division of Road Development Authority.

Following two major activities are carried out by this unit;

- Design , review of traffic signs and markings
- Design, installation and maintenance of signalised intersections.

Improvement of TLS system in William junction, was completed during 2017 whereas Pelican Crossing at Bellanwillia Temple, Pelican Crossing at Mount Mary, Pelican Crossing at University of Moratuwa, Although in Action Plan – 2017, following activities were targeted to complete, it was unable to carried out as allocation was utilized to settle the part of liabilities of previous Signal Installations in year 2016. (At the end of 2016 though works were completed, there was no imprest to settle the bills)

- Signalization of Kandana junction incorporated with the Pelican Crossing
- Pelican Crossing infront of Mount Lavinia District Court
- Pelican Crossing at Dhepanama (Battaramulla - Pannipitya road)
- Open University Nawala Pelican Crossing

For 2018, 4 activities were targeted to complete within the year, by the original action plan prepared for 2018 and those were not revised within the year. From those 4, only 3 were being able to implement during the year. The 3 activities conducted were completed 100% within the year, whereas the funds allocated for the activity which has not being carried out was transferred to the Improvement of Traffic Light System at Pannipitiya Flyover junction. The target achievement of the programme with respect to revised action plan was 100% except for the activity mentioned under item no. 03 of the table illustrated below. (Table 4.4.1)

The activities carried out under this programme in 2018 can be summarized as follows.

Table 4.4.1 - Activities Carried out by Traffic Management Programme during 2018

Item No	Activity carried out	Location	Physical Progress as at 31 st Dec. 2018
1	Traffic Light System at intersection of AA5 and B36 roads	Badulla	100%
2	Pelican Crossings at Depanama, Batthramulla	Colombo	100%
3	Signalization of Kandana Junction incorporated with pelican crossing	Gampaha	Geometric improvements have not being carried out as planned. Activity was not implemented.
4	Improvement of Traffic Light System at Pannipitiya Flyover junction	Colombo	100%

This project has achieved 100% financial progress during 2017. For 2018 the original budgetary provision was 25.0 Mn and it was upgraded by 66% by the revised action plan for the settlement of previous bills of recent years.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-4-22	2506 Infrastructure Development	25.0	41.5	37.4
	Total	25.0	41.5	37.4

4.5 Rehabilitation of Peradeniya – Badulla – Chenkaladi (A5) Project

The Government of Sri Lanka has proposed to rehabilitate and improve 147 km of Peradeniya-Badulla- Chenkaladi Road (A5) from Badulla in Uva province to Chenkaladi in Eastern province in two lane highway. Total loan amount of this project is US \$ 140 million. The Saudi Funds for Development (SFD) and OPEC funds for International Development (OFID) will grant equal loan amount of US \$ 60 million for the above project. The balanced amount of US \$ 20 million is funded by Government of Sri Lanka. This is a 3 year project. Badulla - Chenkaladi road project consist six no's of contract packages under two components as follows.

Table 4.5.1 Contract packages rehabilitated under Peradeniya – Badulla –Chenkaladi Project

<i>Contract packages rehabilitated under SFD (Component 'A')</i>		
Package 1	Bibile – Padiyathalawa road	29 km
Package 2	Padiyathalawa – Thampitiya road	30 km
Package 3	Thampitiya – Chenkaladi road	27.8 km
<i>Contract packages rehabilitated under OFID (Component 'B')</i>		
Package 1	Badulla – Passara road	20 km
Package 2	Passara – Lunugala road	21 km
Package 3	Lunugala – Bibile road	19 km

Civil works for Contract package 1 and 2, rehabilitated under SFD has commenced on July 2018 attaining approximately 3% of physical progress as at the end of 2018. The civil works of contract

package 3 has not commenced in 2018 although the contract has been awarded. Similarly, utility shifting & land acquisition process were carried out in the year 2018 corresponding to 90% of cumulative physical progress whereas it has achieved 70% of progress at the end of year 2017. Land Acquisition works of Civil works for Contract packages rehabilitated under OFID were commenced in June 2017 and it has achieved 6% cumulative physical progress for all three packages as at the end of 2017. But, it is lower than the target mentioned in Action Plan. For 2018 all 3 packages have achieved 37% of physical progress at the end of the year.

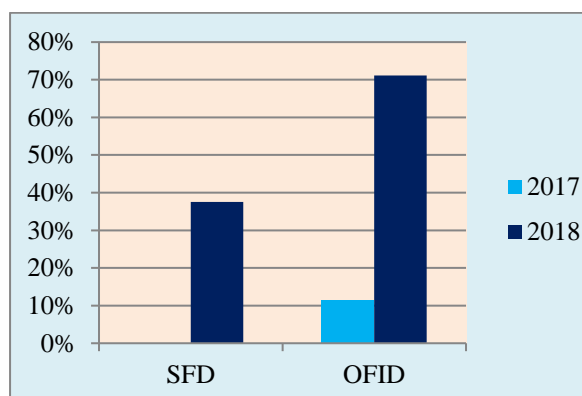


Figure 4.5.1- Target Achievement of Civil Work

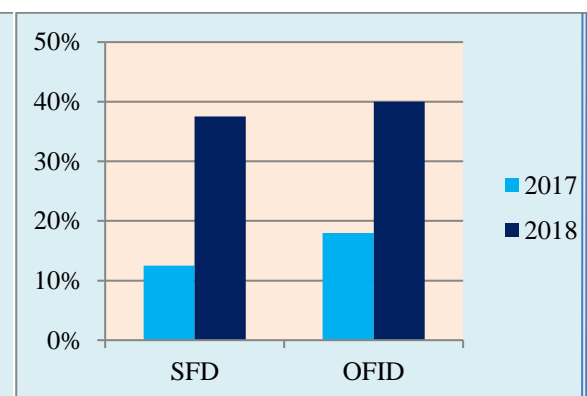


Figure 4.5.2 - Target Achievement of Utility Shifting & Land Acquisition

For the SFD section this project has achieved 87% financial progress for 2017 while 57% of progress has recorded at the end of 2018.

Financial progress as at 31/12/2018

(For SFD Funded Section)

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-23 (SFD)	2105 Land & Land improvement	100.0	35.0	5.5
	2506 Infrastructure Development	1,200.0	1,180.0	689.0
	Sub Total (SFD)	1,300.0	1,215.0	694.5

For OFID section 97% and 81% of financial progress have attained for 2017 and 2018 years respectively. According to that the overall financial progress for this whole project was 97% for 2017 while it was 72% as at 31st December 2018.

Financial progress as at 31/12/2018

(For OFID Funded Section)

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-41 (OFID)	2105 Land & Land improvement	100.0	120.0	120.0
	2506 Infrastructure Development	1,950.0	1,645.0	1,317.0
	Sub Total (OFID)	2,050.0	1,765.0	1,437.0

overall financial progress of the project has decreased in 2018 than in 2017 and the original budgetary allocation received was also being revised within the year due to slow physical progress achieved by the project.

The figure 4.5.4 and figure 4.5.5 below represents the images of rehabilitation of the road sections on their ongoing status



**152+240 Asphalt Laying Both Sides
- Passara**



**ABC & Prime Works from
138+170Km to 138+320 - Badulla**

The location map of the project is illustrated in *annexure 09*.

4.6 National Highways Sector Project – Supplementary Loan

The Asian Development Bank (ADB) has agreed to provide additional funds for the Southern Expressway link roads under supplementary loan to the Loan No. 2767. A length of 58.59 km has been identified under this project to rehabilitate and upgrade. The project was initiated in February 2012 and from the total of 6 packages; five road packages were completed by January 2015. Pamankada to Kesbawa (B 084) road package is completed in February 2016. Bill settlement process is carried out during both year 2017 and 2018. The road packages rehabilitated under this project can be shown in table 4.6.1 below.

Table 4.6.1 Rehabilitated Road packages under the National Highways Sector Project – Supplementary Loan (Loan No. 2767)

Road / Project Description	Length (Km)	Physical Progress (%)
Matara to Godagama (A 024) road section	3.4	Completed
Hikkaduwa to Southern expressway (B 153) road section	14.34	Completed
Aluthgama to Southern expressway (B 157) road section	11.07	Completed
Katukurunda to Nagoda (B 207) road section	2.72	Completed
Pamankada to Kesbawa (B 084) road section	12.76	Completed
Kirulapona to Godagama (A 004) road section	14.36	Completed

Although project has achieved more than 98% financial progress in 2017 it has achieved 100% of financial progress in 2018.

Financial Progress as at 31.12.2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-28	2105 Land & land improvement	100.0	100.0	100.0
	Total	100.0	100.0	100.0

4.7 Road Network Development Project (SFD)

Government of Sri Lanka has received US \$ 60 million from the Saudi Fund for Development (SFD) to rehabilitate and to improve six no's of road sections with approximately 79 km of total length. The primary objective of the project is to upgrade the National Highway Network by rehabilitating and improving selected road sections on a priority basis. Construction works were commenced in June 2013 and project was totally completed in end of December 2015 & **bill settlement process is carried out during the year since 2016 for the roads which were completed by the end of 2015.**

Table 4.7.1 Rehabilitated Roads under Road Network Development Project.

Description of Project	Length (km)
Katugasthota - Alawathugoda road section of A 09 Highway	10.9
Alawathugoda - Palapathwela road section of A 09 Highway	16.9
Palapathwela - Naula road section of A 09 Highway	21.6
Thambalagamuwa - Kinniya road section of B 541 Road	8.5
Dehiowita - Deraniyagala road section of B 93 Road	14.0
Peliyagoda – Kiribathgoda road section of A 01 Highway	7.2
Total	79.1

Other than to those road sections completed, rehabilitation and improvement of Kandy – Jaffna road section from 53+740 km to 58+ 000 km including Naula town was initiated at December of 2018 although it was originally planned to commence at the first quarter of the year. Therefore by the end of 2018, the physical targets have not being met as planned thus the target achievement was considerably low with respect to revised action plan 2018.

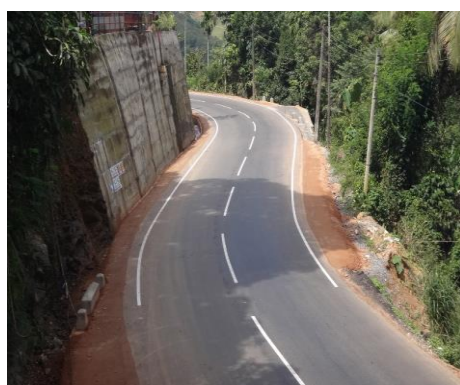
Financial progress of the project was 95% & 27% respectively for 2017 & 2018. Although the original budgetary allocation has revised by 2.25Mn, the financial progress was not increased respectively. As mentioned above, the road section which planned to commence the rehabilitation work during the first half of the year was not implemented accordingly, thus it has affected to the financial progress also. The revised budgetary allocation for the Naula town development was Rs.150 Mn and most of the provision was not being able to utilize as planned

due to the constrictions occurred within the approval process of the rehabilitation work of the above road section.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-29	2506 Infrastructure Development	10.00	10.00	9.6
	2105 Land & land improvement	151.0	153.25	38.1
Total		161.0	163.25	47.7

The completed road sections under this project can be illustrated as follows.



**Dehiowita - Deraniyagala - Noori
Road section**



**Thambalagamam - Kinniya Road
section**

4.8 Northern Road Connectivity Project (NRCP) Additional Financing

After the completion of Northern Road Connectivity project the Asian Development Bank (ADB) has provided the additional financing to this Project. With additional financing, the up-scaled project outputs are approximately 118 km of national highways consists of 61.2 km of Class 'A' roads and 56.2 km of Class 'B' roads in Northern Province and North Central Province. The overall project performance is satisfactory. All the contracts of civil works were completed at the end of the year 2015 for 9 packages. All the following contracts are in the period of Defects notification and Performance based maintenance of all rehabilitated road sections are currently in

progress. Bill settlement process is carried out during this year. Due to savings from the loan, Rehabilitation / improvement of A 09 Kandy- Jaffna (14+100 km-150+400km) was started March in 2017.

Table 4.8.1 Road Sections rehabilitated and in progress under Northern Road Connectivity Project (NRCP) Additional Financing

Name of the Road	Length (km)
Vavuniya – Horowupathana Road (A029) (24+000 km – 34+950 km)	10.95
Medawachchiya – Kebithigollewa Road (B 283) (0+000 km – 12+600 km)	12.60
Medawachchiya – Kebithigollewa Road (B 283) (12+600 km – 25+400 km)	12.80
Kebithigollewa – Padaviya Road (B211) (0+000 km – 15+500 km)	15.50
Kebithigollewa – Padaviya Road (B211) (15+500 km – 31+35 km)	15.85
Medawachchiya – Mannar – Thalaimannar Highway (A014) (47+100 km – 62+100 km)	15.10
Medawachchiya – Mannar – Thalaimannar Highway (A 014) (62+100 km – 76+500km)	14.40
Jaffna – Pannai – Kayts Road (AB 019) (0+000 – 10+000 km)	10.00
Jaffna – Pannai – Kayts Road (AB 019) (10+000 km – 20+27 km)	10.27
Kandy to Jaffna A09 (In Progress)	9.3

Civil work for CP-22 Rehabilitation / improvement of A 09 Kandy- Jaffna (141+100 km-150+400km) is completed 99% at the end of December 2018. The progress achieved for the rehabilitation work at the end of 2017 was 47%. The target achievement of the project with respective to revised action plan 2018 was more than 100% pertaining a higher physical progress.

Financial progress for 2017 was 83% & for the 2018 it was 86%. The original budgetary allocation of the project was revised up to Rs. 828 Mn during the year for bill settlement process. The project has been able to accomplish more than 100% of financial progress with respect to action plan 2018 whereas the amount of expenditure has been upgraded from more than 50% as expected earlier. Since almost all of the road packages were completed by 2015, the bill settlement of those were remained to be settled for 2018 also.

Financial Progress as at 31.12.2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-30	2506 Infrastructure Development	230.0	828.0	708.5
	Total	230.0	828.0	708.5

4.9 Expressway Connectivity Improvement Plan

Expressway Connectivity Improvement Plan (ECIP) is a component of Southern Road Connectivity Project (SRCP) which is for enhancing RDA capacity in planning expressway connectivity improvement and ensuring implementation readiness. Project period is from 2014 to 2019. Scope of ECIP is mainly targeted on;

- Screening the National Highways Linking Expressway Network for the Needs of Improvement.
- Programming the Future Projects for Feasibility Study (FS), Detailed Engineering (DE), Land Acquisition and Resettlement, and procurement of Civil Works.
- Carrying out Feasibility Study for about 250km of National Highways.
- Detailed Engineering for about 200km of National Highways.
- Assisting in Improving the Design Standards and Construction Technology.
- Training Programs about the Planning Technology, Design Standards and Construction Technology.

US \$ 5 million of loan has been approved to the Government of Sri Lanka to conduct the above tasks. The impact of the project will be an efficient road transport network in south region & the outcome of the project will be the improved connectivity between the expressway network and the local road network in southern region.

Following are the activities which were carried out during under this project.

1. Consultancy service for Screening, Feasibility study and Detailed Engineering Design of national highways linking the Expressway Network Consultant KCI-KECC JV associated with RDC
2. Individual consultant –SHETC ICS-001 Transport Planner(International)
3. Individual consultant –SHETC ICS-002 Highway Engineer (International)

4. Individual Consultant – SHETC ICS-003 Bridge & Structural Engineer (International)
5. Individual consultant -CEP ICS 004 - Highway Engineer (International)
6. Individual consultant - ICS 006- Bridge/Structural Engineer(International)
7. Individual consultant - ICS 007 - Traffic Planning and forecast analyst
8. Individual consultant - ICS 008 – Transport Planning Consultant (International)

Activity No. 01 – 05 was achieved 100% progress as at the end of 2016. Although activity no.6 was planned to complete in 2016 due to scope change it was unable to complete as per planned. But the related works were ongoing & progress was reported as 55%. The progress of activity no. 7 was 20% as at the end of 2017. By the end of 2018, activity no. 7 has completed where activity no. 6 and 8 have attained 90% of physical progress as at end of 2018. The target achievement of each activity which implemented during 2018 can be stated as follows.

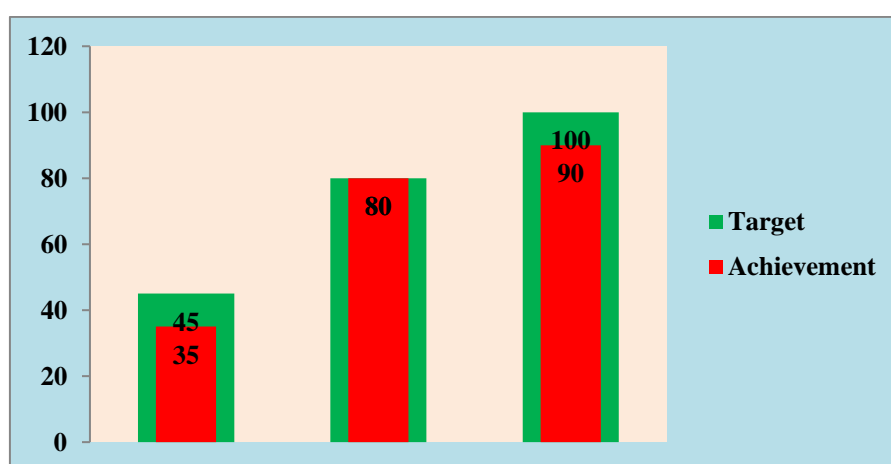


Figure 4.9.1- Physical Target Achievement of activities implemented during 2018 with respective to Revised Action Plan

Financial achievement for 2018 & 2017 were respectively 61% & 25%. Although the budget has revised by approximately 3 quarters the expenditure has not reported as expected as at 31st December 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-42	2506 Infrastructure Development	23.0	99.5	60.38
Total		23.0	99.5	60.38

4.10 Road Network Development Project (OFID - I)

The OPEC fund for International Development (OFID) has provided US \$ 40 million for this project and it is included rehabilitation and improvement of approximately 37 km of national highways and the reconstruction of bridge No.3/2 across Ma - Oya on Polgahawela- Kegalle road. The objective of the project is to reduce vehicle operating cost to enhance the Highways capacity and to enhance level of service provided to community for the development in the areas. This will thereby contribute to the socio economic development of the country. Four contract packages were awarded for immediate implementation and all the contract packages were completed.

At the year 2017, rehabilitation & improvement 2.63 km of A005Peradeniya – Badulla – Chenkaladi road (Contract Package 5) was commencing using the savings of the loan. The physical progress achieved for the above road package was 5% in 2017 and 35% at the end of 2018. The target achievement of the project with respective to revised action plan was 55% in 2018, whereas it has achieved only 7% of target achievement in 2017.

Table 4.10.1 Rehabilitated Road & Bridge packages under Road Network Development Project

Description of Project	Length (km)	Physical progress as at 31/12/2017	Physical progress as at 31/12/2018
Rakwana -Madampe road section	14.0	Completed	
Eheliyagoda - Dehiowita road section	17.0		
Ethul Kotte - Kohuwala road section	6 .0		
Reconstruction of Bridge no. 3/2 on Polgahawela- Kegalle road	120.4 m (1 bridge)		
Peradeniya - Badulla – Chenkaladi Road	2.63	4.8%	35%

Although the project has been achieved 59% of financial progress for 2017, it has attained a bit lower progress for year 2018 than in 2017 and it was 53% according to the revised budgetary provision. The main reason for the depletion of financial progress was the poor performance of the contractor.

Financial Progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-31	2506 Infrastructure Development	25.0	25.0	20.5
	2105 Land & land improvement	250.0	250.0	124.8
	Total	275.0	275.0	145.3

The completed (Figure 4.10.1) and ongoing (Figure 4.10.2) road sections under this project can be illustrated as follows respectively.



Eheliyagoda - Dehiowita road section



Embankment Compaction at Ch. 0+390 – Left Hand Side of Peradeniya - Badulla Chenkalady Road

4.11 Colombo District Road Development Project

The Government of Sri Lanka has received US\$ 50 million from the OPEC fund for International Development (OFID) to develop national highways in Colombo District. The main objective of the project is to upgrade the national highway network in Colombo District. This will help to minimize time wastage on the road especially in high traffic corridors in urban areas of the Colombo District and then by contribute to growth of the National Economy. Under the package I of this project, widening of Nawala Bridge on Nawala-Nugegoda Road was completed in May 2015. Item no 01 to 05 mentioned in the following table were completed by the July 2016. Land Acquisition is in progress for the road sections in item no.08, 10; stage II of 11, 12, and 13 during

the year 2017 as well as 2018. There was a delay on land acquisition and project commencement dates were delayed accordingly.

Table 4.11.1 Road sections selected to be rehabilitated under Colombo District Road Development Project

I/N	Road Name	Length (km)
01	Sri Jayawardanapura Hospital approach road	1.4
02	Dematagoda – Wellampitiya road	1.9
03	Welikada – Kohilawatta road	6.0
04	Kollonnawa – Yakbadda road	2.4
05	Mattakkuliya center road	1.0
06	Kottawa – Talagala road	14.4
07	Kotte – Bope road	11.3
08	Moratuwa – Piliyandala road	2.62
09	Nawinna – Boralasgamuwa road	2.41
10	Piliyandala – Maharagama road	5.38
11	Orugodawatta – Ambatale road	7.7
12	Walgama – Diyagama road	7.06
13	Pelawatta access road	0.83

Item no 09 was decided to not implement due to road conditions. For item no. 07 the rehabilitation works were attained 46% of physical progress as at 31/12/2018 where it was reported as 14% as at end of 2017. Similarly item no 06 has reported 12% and 26% of progresses as at end of 2017 and 2018 respectively.

For the stage I of Orugodawatta – Ambatale road, the physical progress achieved at the end of 4th quarter 2018 was 23% which was initiated in 2018. Target achievement of each roads rehabilitated can be shown as follows (Figure 4.13.1). For item no. 06 the target achievement at the end of the year with respect to revised action plan 2018 was 27% whereas it was 58% for item no.07 and 51% for stage II of Item no. 11.

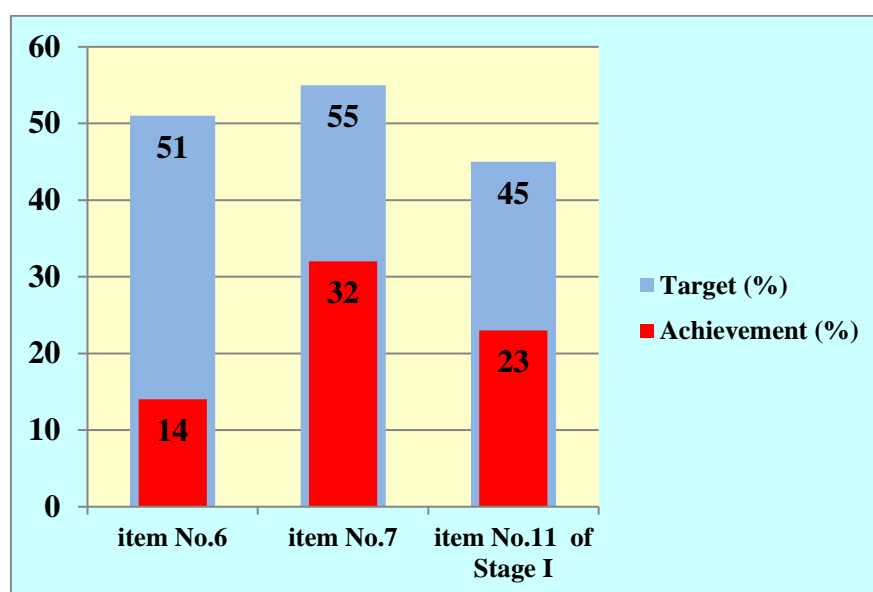


Figure 4.11.1 – Physical Target Achievement of Item No.06, 07 and Stage II of Item no. 11 with respect to revised Action plan 2018

This project has been achieved 97 % financial progress in 2017 & 87% financial progress in 2018. Although original budget allocation was Rs 1,785 Mn it has revised as at the end of 2018 to Rs.1,661 Mn.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-32	2506 Infrastructure Development	1,285.0	861.0	660.0
	2105 Land & land improvement	500.0	800.0	800.0
Total		1,785.0	1,661.0	1,460.0

Improvement of Kotte – Bope Road (Section from 16+740 to 28+004 km) can be illustrated as follows.



**Base construction at Ch 11+090
(LHS)**



Rock filling at Ch 2+130 (RHS)

4.12 Priority Road Project Extension (PRP III) - Phase 1

Chinese Development Bank (CDB) has provided further US \$ 300 million for this phase of the Priority Road Project. Stage I of PRP III, is implemented under twelve contract packages & the total length of this stage is 248.96 km. This project is implementing with the purpose of development of infrastructures with great significations to economic and social development of Sri Lanka. There are eleven road packages & three bridge packages which are completed as at the end of year 2017. In Action Plan 2017, 5 road packages were targeted to complete during the year. Out of that 4 projects have been completed while one package (C13) achieved only 78% physical progress.

As at the end of December 2018 all the original contract packages were completed except contract package 13. Therefore since the fact that 99% of the original road packages designed was completed and following road packages have initiated using the savings of the original contract packages. (Table 4.12.1) From those initiated 3 no. were not being able to complete at the end of 2018. Only the road improvements made using the savings of contract package 8 has being able to complete consisting 16.6 km of road length.

Table 4.12.1- Roads rehabilitated from the savings of the original contract packages of PRP3 – Phase I

Road name/Bridge name of no.	Road length (km)/ Bridge span (m)	Distri ct/Loc ation	Physical Progress as at 31 st December 2018
04 Road sections in Bingiriya Electorate savings from PRP 3 –Ph1/C8 VO12			
<ul style="list-style-type: none"> • Hammannapahuwa – Barampola Road • Kahadenigama – Koshena Road • Palugamuwa – Bibiladeniya – Thalgahapotha Road • Temple Junction – Dematalawa Road 	16.60 km	Kurunegala	100%
Savings of C4 ,VO-17 Balagolla Jummah Mosque Circular Road	4.6 km		85% %
Savings of C10, VO - 8 Minigamuwa - Siyurupitiya Road	5.5 km		80% %
Savings of C 7 , VO - 09 Gadaladeniya - Paranapattiya Road	3.5 km	Kandy	23%

The roads rehabilitated under this project are illustrated in annexure no. 09 with the progress obtained by each package as at 31st December 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-39	2506 Infrastructure Development	4642.0	3465.0	3420.0
Total		4642.0	3465.0	3420.0

Financial Progress for 2017 was 96 % whereas it was reported as 99% as at end of 2018. Since most of the work has completed as planned approximately Rs.1.2 Mn of the original budgetary provision was transferred to another project within the year. The completed road works utilizing the savings of contract package 8 in Bingiriya Electorate can be illustrated as follows.



**Hamannapahuwa- Barampola
Road**



**Palugamuwa – Bibiladeniya –
Thalgahapoththa Road**

The Physical Progress achieved by each project as at end of 2018 is illustrated in *annexure 10*.

4.13 Southern Road Connectivity Project (ADB)

Asian Development Bank (ADB) has provided a loan worth with US \$ 70 Mn for rehabilitation and improvement of national highways linking with the expressway network under this project. The main outputs of this project are improved capacity of 31.2 km of key national highway linking the expressway network in southern region, and enhanced capacity of RDA in planning expressway connectivity improvement and in ensuring implementation readiness.

Further to that, the national highway improvement component was designed to improve six (6) sections of five (5) priority national highways which provide connectivity to three interchanges of the Southern Expressway. These priority highways have been selected according to the current road condition and capacity, travel demands, and readiness for improvement.

Rehabilitation & Improvement of the Rathmalana - Mirihana and Moratuwa - Piliyandala road (package I) was commenced in April 2015 and was completed in 2017. Rehabilitation & Improvement works of road section from Kesbewa to Pokunuwita & Kirulapona – Godagama (package II) & road section from Southern Expressway to Madurugoda (package III) are commenced in 2016 and the overall progress of package II is 80% and package III is 100% at the end of December 2018. Package IV Ambatale to CINEC Junction was commenced in July 2017 & the overall progress is 66% as at the end of December 2018.

Table 4.13.1 Road packages selected to be rehabilitated under Southern Road Connectivity Project

Contract Package	Road Name	Length (Km)	Physical Progress at 31/12/2018
CP01	B389 Ratmalana – Mirihana Road 5+700Km to 7+840Km	2.14	100%
	B295 Moratuwa Piliyandala Road Km2+620 to 5+120	2.55	
CP02	B084 Kesbewa – Pokunuwita Road Km13+800 to 28+180	14.40	80%
	A004 Kiriulapana – Godagama Road 0+130 to 1+000, plus Km17+260 to 18+200	1.79	
CP03	B157 Matugama – Southern Expressway Km42+372 to 32+000	10.37	100%
CP04	CINEC-Ambatale Junction Road	1.88	66%

As per the Action Plan 2017, CP01 has been completed during 2017 and CP03 has been achieved more than expected as target was 35%. CP02 was recorded 25% progress it was less than the target & achievement was 63% as per the action plan. For CP04, contract has been awarded during 2017. For the year 2018, CP 2 has achieved more than 100% of target achievement whereas CP3 has achieved 100% of physical target achievement with respective to action plan 2018. Although the CP4 has targeted 95%, the resulted achievement was only 66% of progress reflecting 70% of target achievement.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-43	2506 Infrastructure Development	1,369.05	2,429.05	2,073.37
	2105 Land & land improvement	400.0	400.0	400.0
Total		1,769.05	2829.05	2,473.37

Financial progress was 87% & 81% respectively for 2018 & 2017. The original budgetary provision of the project was raised up to Rs. 2829 Mn during 2018; the financial requirements were revised with the project progresses successfully.

The completed road sections at B157 Matugama – Southern Expressway from 42+372 to 32+000 km can be illustrated as follows.



Kesbewa – Pokunuwita Road



**Southern Expressway -
Madurugoda Road**

4.14 Integrated Road Investment Programme (iRoad) – Stage I

The Integrated Road Investment Program (iRoad Program) has been initiated to rehabilitate and to maintain the selected Rural and National Roads in selected Provinces with an objective of enhancing road accessibility between rural communities and socio economic centers. The long term impact will be the improved connectivity and the outcome will be the increased transport efficiency on selected Roads.

Accordingly, about 3,131 km of Rural Roads belongs to Local Government Authorities (Provincial Councils and Pradeshiya Sabha) and about 265 km of National Roads under the RDA within the above project are intended to be designed, improved and maintained over a period of five years and seven years respectively on completion of procurement of works in complying with the ADB Guidelines and safeguard policies.

Asian Development Bank (ADB) has agreed to provide financial assistance of US\$ 800 million and Government of Sri Lanka will provide US \$ 106 million for improvement and rehabilitation of Provincial as well as National Roads under this project. This project was started in May 2015 and will be completed in 2024. But, the construction period of rural roads will be completed in 2019 and following with a 3 years Performance Based Maintenance (PBM). Road Management Contraction (RMC) of national roads goes up to 2024.

Table 4.14.1 Selected Rural Road packages to be rehabilitated under Integrated Road Investment Programme – 2018

Province	District	No of Roads	Length (Km)
Southern	Galle	66	197
	Matara	67	218
	Hambantota	51	167
Sabaragamuwa	Rathnapura	38	255
	Kegalle	63	217
North Central	Anuradhapura	60	330
	Polonnaruwa	55	170
Central	Kandy	50	221
	Matale	51	194
	Nuwara-Eliya	43	180
North Western	Puttalam	38	220
	Kurunegala	76	485
Western	Kalutara	83	276
Total		741	3,131

As at the end of December 2018 the overall progress of the project is 82% and the progress achieved by each road packages province wise can be stated as follows.

Table 4.14.2 progress of the road packages by province wise

Province	Physical progress as at 31 st December 2017	Physical progress as at 31 st December 2018
Southern Province	90%	96%
Central Province	84%	91%
Sabaragamuwa Province	56%	69%
North Central Province	47%	97%
North Western Province	32%	59%
Kaluthara District (Western Province)	34%	46%

As the project was started in mid 2015 there was 3% & 27 % physical progress respectively during year 2015 & 2016. So, the cumulative progress was 62% as at the end of 2017. The cumulative physical progress at the end of 2018 was 82% where 20% of progress has attained within the year.

According to the action plan - 2017, PMU has expected to achieve 47% overall physical progress during year 2017. As actual physical progress is 32% for 2017, target achievement is 68% according to the action plan. For the year 2018, the overall physical target of the project was 28% where the results achieved were nearly 3 quarters (71%) with respect to revised action plan 2018.

Table 4.14.3 Proposed National Road packages to be rehabilitated under Integrated Road

No.	Name of the Road & No.	Length (Km)	District covered	Current Status
01	Maradankadawala – Habarana –(A011)	25	Pollonnaruwa Anuradhapura	Awaiting cabinet approval for awarding
02	Colombo- Kandy Road (Ambepussa - Kadugannawa section)	40	Kegalle, Kandy	Preliminary survey works & design works are in progress
03	Palmadulla– Ambilipitiya– Padanangala Road (A018)	66	Ratnapura Hambanthota	Design works completed. Expect to invite bids by end of February 2019
04	Karapitiya- Nagoda Road B248, B454, Udugama Bar Junction - Thavalama Road B129, B429,B156	51.7	Galle	Awaiting ADB concurrence for Technical Bid Evaluation Report and to open the financial bid
05	Thalawa- Kekirawa- Ganewalpola- Galenbidunuwewa- Dachchihalmillewa Road	90	Anuradhapura	Design and preliminary works nearing completion
Total		272.7		



Kubalgoda Seelaratna Road



**Pahalaragahawewa
Katupathuwewa Mawatha**

4.15. Second Integrated Road Investment Program (I Road 2)

This project will improve the accessibility of the road network in rural areas of Sri Lanka and thereby increase the involvement of the rural population in nationwide economic and social development. It will upgrade and maintain about 3,404 km of rural roads & rehabilitate and maintain at a good condition about 343 km of national roads in Northern, Eastern, Uva and Western Provinces; and improve the capacity of road agencies with respect to safeguards, road safety, maintenance, research capacity, and road design and construction. The Implementation period is 2018- 2027. Rehabilitation and improvement works will be completed within the first two years of each contract and thereafter 3 and 5 years **Performance Based Maintenance** period for rural and national road respectively.

Table No.4.15.1. – Proposed Roads under I Road 2

Province	District	National Road(km)	No.of National Roads	Rural Roads (km)	No.of Rural Roads	No.Of Roads (Total)	Total Length (km)
Northern	Jaffna	114.89	1	260.24	127	128	1057.77
	Kilinochchi		-	181.78	47	47	
	Mannar		1	137.74	67	68	
	Vavuniya		2	221.78	62	64	
	Mullativu		-	141.34	36	36	
Eastern	Batticaloa	155.76	1	184.99	123	124	845.83
	Ampara		14	319.45	144	158	
	Trincomalee		1	185.63	123	124	
Uva	Badulla	72.9	6	494.53	147	153	1044.51
	Monaragala		1	477.08	95	96	
Western	Colombo	-	-	247.21	149	149	799.98
	Gampaha			307.37	183	183	
	Kalutara			245.4	102	102	
Total		343.55	27	3,404.54	1405	1432	3,748.09

As this project is programmed to implement during year 2018, in 2017 loan agreement was signed & bids for civil works contracts were invited on June 2017 for Uva Province.

Progress of the project as at the end of December 2018 as follows,

- Civil works of rural roads rehabilitation for Uva province has been awarded and has achieved 6.8% of physical progress.
- Procurement of civil works for Eastern, Northern & Western province is in progress.

Financial target achievement for 2017 was 98% while for 2016 it was 99%. As for the year 2018, the target achievement was relatively lower than in above two consecutive years corresponding to 84%. Although the original budgetary allocation has upgraded several times within 2018, the financial targets were not achieved as expected by the revised action plan 2018. Since the overall expenditure has exceeded the original budgetary provision allocated for the project, the financial target achievement with respect to original action plan was more than 100%. Further from the two phases, phase I of the project corresponds to a higher portion of expenditure than the phase II of the project.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-44	2506 Infrastructure Development	13,484.0	16,559.0	13,933.1
	Total	13,484.0	16,559.0	13,933.1

4.16 Government Guaranteed Local Banks Funded Road Rehabilitation Project

This project was established to manage the contracts for the rehabilitation / up gradation of roads which are funded by the local commercial banks. This project is consulted by Road Development Authority & some of the roads were constructed by Central Engineering Consultancy Bureau (CECB). All the contracts are awarded to the local contractors. Total of 64 roads are awarded to rehabilitate/ upgrade under this project. Out of 64, 59 no's of contracts have been completed as at the end of 2017. Among these 8 contract packages were completed during 2017 & another two projects are nearly completion as it reports more than 98% physical progress at the end of 2017. With those 2 projects, there were 5 contract packages in progress as at the end of 2017. Out of 64, 62 no. of contract packages have been completed as at end of December 2018. off those 64, only

02 packages were reported as in progress at the end of 2018 and the physical progress gained by each can be listed as follows.

Table 4.16.1 Progress of ongoing road sections

Item No.	Road Name	Road Length (km)	District Location	Physical Progress up to 31/12/2018 (%)
01	Colombo -Kandy Road (Kadawatha - Nittambuwa)	23.00	Gampaha	81%
02	Lunugamwehera-Katharagama Road	13.82	Monaragala	98%

The completed Road list of the project at the end of 2018 is given in *Annexure – 11*.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-51	2506 Infrastructure Development	24,000.0	35,200.0	35,194.0
	Total	24,000.0	35,200.0	35,194.0

The overall financial progress achieved as at end of both 2018 and 2017 was reported as 99% and 100% respectively.



Completed Bridge at 12+766 km of Lunugamwehera Katharagama Road



Completed road work of Lunugamwehera Katharagama Road

4.17 Transport Connectivity & Asset Management Project

The project was restructured during 2018 as per the cabinet decision 18/1682/805/051 dated 15.08.2018. Civil works contract had been taken under Ministry of Provincial Council & Local Government. Asset Management component will be continue. According to new scope of the project following revised activities will be done under this project.

Revised Components of the Project

Component 1:

Institutional Strengthening and Capacity Building for Asset Management

- Establish an Asset management Unit within RDA
- Operationalize the existing web-based, multi-user asset Road Asset management System (RAMS) in RDA to complete network referencing, deploy of all RAMs modules, outsource data collection, and rationalize the staffing for managing the system
- Finalizing Road Sector Policy and Strategy
- Develop a road Sector strategy and policy
- Developing a Management Information System for the RDA to obtain timely information for appropriate decision making
- Developing standards and specifications to promote road safety

Component 2:

- Piloting the Implementation of Road Asset management Principles

Under the restructured project, it was proposed that the project will not finance the DBM contract for the improvement, rehabilitation and maintenance contract using Road Asset Management principles on the section from Ja-Ela to Chilaw on Peliyagoda Putthalam Road (A003) -58 km using output based performance road contract format. (OPRC)

The progress achieved by each activity conducted under the restructured project can be stated as follows.

1. Establishment of Road Asset management System in Road Development Authority
 - Approval from the Department of management Services was requested for the cadre proposal sent through Ministry Of Highways & Road Development on 26.10.2018.

2. Preparation of Conceptual Designs & RAP

- Preparation of conceptual designs was completed in 2017 whereas the preparation of RAP was completed by 90% in 2017 with the remainder completed in 2018.

3. Road User Satisfaction Survey

- This activity was 95% and 100% completed in 2017 and 2018 respectively.

4. Land Acquisition Survey for TL of black spot improvement in A003

- completed in 2017.

Although mentioned in the action plan the following activities were not implemented during 2018 since the restructured project does not consist with those 2 activities.

- Output and Performance Based Road Maintenance Contracts
- Land Acquisition process in Black Spots and Lead Ways

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-48	2506 Infrastructure Development	550.0	92.0	31.2
	Total	550.0	92.0	31.2

Financial progress of the project is 80% in 2017 while it was 34% in 2018. Although the project was initiated in 2014 the provisions of budgetary allocation was given in August 2016. Although the Activities planned were completed during 2017 as planned by the Action Plan, in 2018 it was changed. As the project was restructured in 2018, some activities were not implemented. Therefore the target achievement with respect to action plan 2018 was lower than expected. Similarly the original budgetary provision was also get depleted and transferred for other projects under FR 66.

4.18 Improvement and Rehabilitation of Priority road Projects-3, Phase II (PRP 3- Phase II)

The China Development Bank (CDB) has provided US \$ 100 Mn loan for improvement of the link roads to main cities. Project duration for this project is 18 months and total cost estimate is Rs. 16,000 Mn. Under this project 20 road sections with total road length of 131.85 km in Kandy (13 road sections) & Kegalle districts (7 road sections) were selected to improve & rehabilitate.

During the year 2016, all 20 contract packages have been initiated except one contract package. According to the progress of the each road sections, the project has been achieved satisfactory level progress at the end of 2017 as all the road sections except CP 42 have achieved more than 50% overall physical progress at the end of 2017. From it 11 projects were able to complete more than 80% of physical works. According to the action plan 2017, 5 contract packages has been achieved more than target. Respectively, another 6, 5 & 3 projects have been achieved more than 90%, 80% & 70% in accordance with Action Plan 2017.

During 2018, all the road packages have been completed achieving more than 100% of physical target achievement with respect to revised action plan Of 2018. Physical progress of completed contract packages up to 31.12.2018 is given *annexure 12*.

Other than those 20, packages another 2 packages has being initiated within 2018 from the savings of contract package 24 and 28 and the physical progress obtained for each can be stated as follows. From those new packages the first one was initiated within the 1st quarter whereas the second package was initiated within the first month of the second quarter of 2018.

Road Name	Length (km)	District/Location	Physical Progress as at 31/12/2018
Hedeniya – Medawala road (C24 Vo)	3.3	Kandy	57%
Pussellawa – Ulotha Road (C28 Vo)	2.9	Kandy	65%

Completed road sections under this project can be illustrated as below.



**Heennarandeniya junction - Udiwita
Elpitiya Road and Elpitiya River-
Weligama Junction**



**Eramuduliyadda - Kolugala -
Thismada Road**

The financial progress achieved during 2017 was 83% while it was reported as 82% in 2018. Therefore in 2018, the financial target achievement was quite similar although the figure for 2017 was shown to be 1% higher than that with 2018. But the target achievement of the project with respect to original provision was more than 100% for the year 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-46	2506 Infrastructure Development	2,120.0	4,470.0	3,654.2
	Total	2,120.0	4,470.0	3,654.2

4.19 Base line Road Extension Project – Phase III

Original proposal of Baseline Extension Phase III is Kirulapana junction to Maliban Junction at Ratmalana. But, the original proposal was limited up to Dutugemunu Street by cabinet paper. According to that the road length is 0.86 km. The proposed road is going to be constructed with 3 lane dual highways including an overpass at Kirulapana junction and an underpass over Balapokuna Road.

The project temporarily stopped land acquisition work for Stage I, from 7th December 2016 due to Appeal Court order and judgment was given on 23rd May 2018 as all cases were dismissed without cost. Land acquisition is in progress with 50% progress for Kirulapana Junction to Dutugemunu Street section.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-10	2105 Land & land Improvements	150.0	105.0	10.8
	Total	150.0	105.0	10.8

The financial progress achieved as at end of 2017 was 62% whereas it was reported as 1% at the end of 2018. Since the court order was given in the mid of the year, the land acquisition work was just initiated which lead to very low financial progress.

4.20 Western Province National Highways Project

The OPEC funded for international Development (OFID) has provided US \$ 17.00 million for the improvement of selected road sections in Western province, especially in Colombo & Kaluthara district.

It is included rehabilitation and Improvement of approximately 25.81 km of national highways.

Under this project following four road sections have been selected for widening & improvement under two contract packages.

Table 4.20.1 - Selected road packages to be rehabilitated under the project

No	Road sections	Length (Km)	Progress
01	Kaduwela- Athurugiriya Road (0+000km- 9+500Km)	9.50	Civil work – 11%
02	Walgama – Athurugiriya road (0+000Km- 1+210Km)	1.21	
03	Wadduwa- Moronthuduwa road (1+000K- 5+300Km)	5.30	Civil work – 50%
04	Bellana-Maragalla Road (0+000Km- 9+800Km)	9.80	

Civil works for the no.01 & 02 projects was commenced in 2018 and it has achieved 11% of progress as at 31st December 2018. The physical target achievement of the 2 roads with respective to revised action plan 2018 was 44%. Civil works for no.03 & 04 projects were started on 05th Oct. 2017 & it has achieved 2% overall progress as at the end of 2017. It is planned to complete those two sections at the 3rd Quarter of year 2019. The physical progress of these 2 roads was 50% at the end of 2018, where it has achieved 48% within 2018. Therefore the target achievement of the no. 03 & no. 04 roads was 87% with respective to revised action plan 2018. Although according to action plan 2017, the civil works for all 4 road sections were planned to commence during 2017, it was unable to due to the delay in land acquisition process. Land acquisition progress was item 1 & 2 were just more than 3 quarters whereas for item 3& 4 those were 26% and 35% respectively.

This project has been achieved only 7% financial progress for year 2017. Although all road sections were planned to commence in 2017, it was delayed due to land acquisition delays. That reason was affected to overall financial progress too. For the year 2018, the overall financial progress obtained was 84% where the initial provision has been revised by nearly 50%. Therefore the financial target achievement of the project was considerably high with respective to 2017.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-40	2506 Infrastructure Development	450.0	1,082.7	882.49
	2105 Land & land improvement	200.0	140.0	140.0
Total		650.0	1,222.7	1022.49

4.21 Widening & Improvement of Roads & Bridges in Central & Uva Provinces

The government of Sri Lanka has been received a loan from Export - Import Bank of China (Hunan Branch) & People's Bank of Sri Lanka for widening & improvement of 64.31km roads and reconstruction of 13 bridges in Central & Uva Provinces. This project will be implemented under 2 contract packages. Construction period for two packages will be 24 months & 18 months respectively for Road package (C1) & Bridge package (C2). Loan agreement was signed on June of 2018. Civil works not yet commenced. Contractor mobilization has been completed and design works is in progress (1%).

Table 4.21.1 - List of Roads & Bridges Improved under this project in Central & Uva Provinces

Contract No.	Road Package	Length (km)/ No. of Bridges
C1	Kandy – Kirimatiya Road	7.64
	Ampitiya – Gurudeniya (Pichchamalwatta) Road	2.25
	Nuwara Eliya – Ragala – Udupussellawa Road	27.00
	Welimada – Kirkless Road	17.83
	Avissawella – Hatton – Nuwara Eliya Road	9.59

Contract No.	Road Package	Length (km)/ No. of Bridges
C2	Reconstruction of Bridge Nos. 24/3 and 42/1 on Tennakumbura – Rikillagaskada – Ragala Road	02
	Reconstruction of Bridge No. 3/2 on Kandy – Kirimatiya Road	01
	Reconstruction of Bridge Nos. 23/3, 27/2, 30/4, 31/5, 34/8, 37/1 and 38/5 on Nuwara Eliya – Ragala – Udapussellawa Road	07
	Reconstruction of Bridge Nos. 1/1, 2/5, and 7/7 on Welimada – Kirkless Road	03

The List of Roads and Bridges of Widening and Improvement of Roads and Bridges in central and Uva Provinces can be shown as *annexure 13*.

4.22 Transport Project Preparatory Facility Project

The project is funded by Asian Development Bank with the purpose of improving the startup efficiency of priority transport projects in road, railway and port subsectors by

- Preparing the feasibility study, detailed design and procurement documents, and
- Providing implementation support during the inception stage of project implementation.

Under this project 3 activities are already implemented as follows.

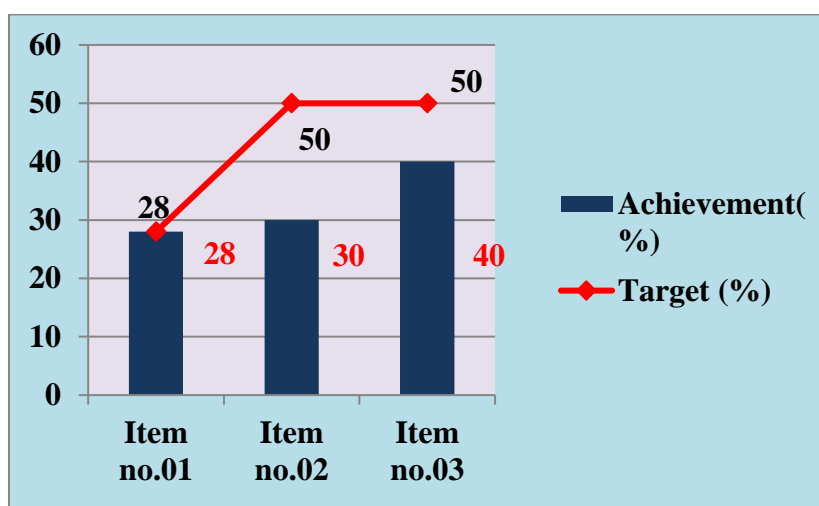
Table 4.22.1 Progress of activities under TPPF project as at 31.12.2018

Item No.	Project Name/ RDA Division	Commencement Date	Completion Date	Physical Progress
1	Consultancy Services for Detail Design at Port Access Elevated Highway Project	20-02-2017	19-02-2018	100%
2	Consultancy (Individual) - Financial Advisor for Peliyagoda Rajagiriya Elevated Highway (ICS 01)	16-Oct-17	10-Feb-19	80%
3	Consultancy (Individual) - Transaction Advisor for Peliyagoda Rajagiriya Elevated Highway (ICS 03)	10-Oct-17	10-Feb-19	90%

Item no. 01 was completed by 72% at the end of 2017 where 28% was planned to be completed in 2018. The target achievement of the activity with respect to revised action

plan 2018 was 100% where it was completed during 2018. Item no.02 and 03 were completed 50% respectively in 2017 and planned to be completed in 2018. The physical target achievement with respect to revised action plan was 60% for item no. 02 and similarly for item no.03 the value reported was 80%.

The target achievement of each item with respect to revised action plan 2018 can be graphically illustrated as follows.



The financial progress of the project with respect to revised provision of 2018 was 75% whereas it was 53% for 2017. Therefore the financial progress of 2018 was higher than that of 2017.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-47	2506 Infrastructure Development	45.0	279.0	208.0
Total		45.0	279.0	208.0

4.23 Marine Drive Extension up to Panadura

In late 90's the Marine drive was identified as an alternative road to reduce traffic congestion on Colombo - Galle Road. Construction of the Marine Drive (section 2) commenced in 1998 and implemented under different stages from Ranmuthu Hotel to Dehiwala urban side (0+520 km to 8+420 km).

To enhance connectivity and the accessibility with the proposed port city development, the existing Marine Drive has been proposed to extend up to Galle face. Due to the traffic volume on Colombo - Galle road is increasing rapidly and at present even beyond Dehiwala traffic congestion can be experienced during peak hours. One main reason for present traffic congestion is non-availability of an alternative route. In view of this, Marine drive has been proposed to extend up to Panadura. As at the end of December 2018 feasibility study & land acquisition process for Dehiwala - Panadura section is in progress. Borehole investigations are completed. Section from Bambalapitiya-Kollupitiya footwalk is in progress. The target achievement of the project with respective to revised action plan 2018 was relatively lower than that of 2017.

Financial progress as at 31/12/2018

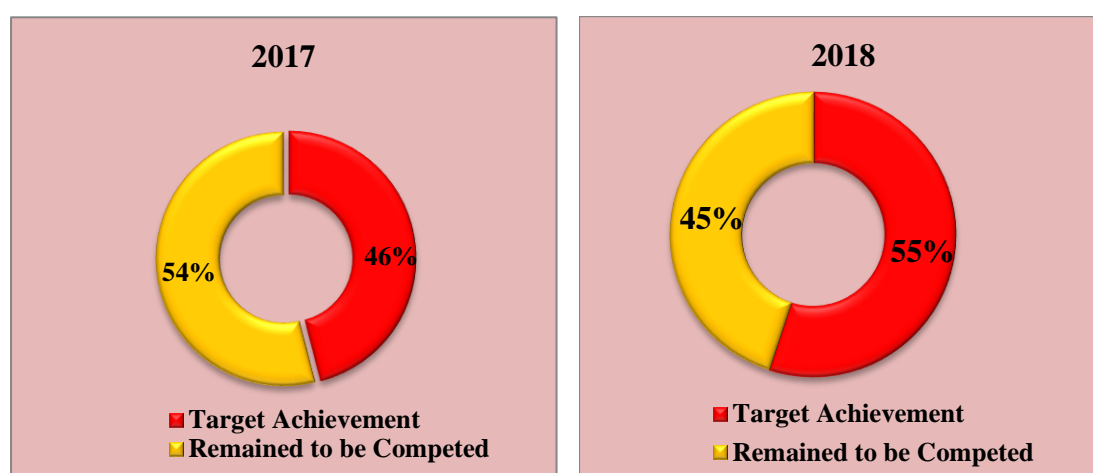
Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-04-49	2506 Infrastructure Development	100.0	200.0	76.2
	Total	100.0	200.0	76.2

The financial progress of the project as at end of 2018 was less than 50% where most of the activities were still at their preliminary stages. The financial progress achieved at the end of 2017 was 10%

5.0 WIDENING AND IMPROVEMENT OF ROADS

5.1 Widening & Improvement of Roads

Important road links that connect main roads and smaller road sections that need attention but cannot be offered to donor funding and small weak bridges are being rehabilitated and reconstructed under the widening and improvements programme. During 2018 this improved road length was reported as 364.78 km and improvement work of another 337.32 km is in progress as at the end of the year. The targeted length to be improved in 2018 was 825.87 km where only 44% of it has been able to fully complete at the end of the year. Target achievement of the programme in 2018 can be compared with 2017 as follows.



Other than roads a total of 2 bridges were completed whereas reconstruction of 12 bridges was initiated during 2017. Out of the 12 bridges initiated, 7 were located at western province whereas the remaining 5 were located at Southern Province. For the year 2018, reconstruction of 8 bridges were initiated whereas 6 were completed as at end of December. Out of those completed, 5 were located in Western Province while only one was located in Southern Province.

A summary of overall Physical progress of Widening & Improvement of roads in each district as at the end of 2018 can be stated as follows;

Table 5.1.1 Progress of Widening & Improvements of Roads in 2018

Name of the District	Overall physical target as at 31 st Dec.2018 (%)	Progress up to 31 st Dec.2018 (%)
Colombo District	100	52
Gampaha District	100	82
Kaluthara District	100	76
Kandy District	100	63
Matale District	100	29
Nuwara Eliya District	100	40
Matara District	100	81
Galle District	100	65
Hambanthota District	100	91
Jaffna District	100	100
Killinochchi District	100	77
Mannar District	100	100
Vavuniya District	100	100
Mullativu District	100	51
Batticaloa District	100	97
Ampara District	100	23
Trincomale District	100	84
Kurunegala District	100	42
Puttalam District	100	86
Anuradhapura District	100	47
Polonnaruwa District	100	100
Badulla District	100	7
Monaragala District	100	29
Kegalle District	100	10
Ratnapura District	100	24

Out of 25 districts, none of the districts have achieved 100% of physical progress at the end of 4th quarter of 2017 whereas 4 districts have achieved 100% of target achievement as at 31st December 2018. Out of those, 3 were situated in Northern Province namely Jaffna, Mannar and Vavuniya. The remaining was Polonnaruwa district. Kandy and Galle districts have achieved the highest physical progress during 2017.

A number of 15 districts have achieved more than 90% of physical progress as at 31st December 2017 whereas only 02 has achieved more than 90% of progress in 2018. Colombo, Kalutara, Mathale, Ampara, Jaffna, Vavuniya, Puttalam, Monaragala and Rathnapura districts have achieved physical progress of widening and improvement works in between 75% - 90%. Puttalam, Trincomalee, Gampaha, Matara, Killinochchi and Kalutara districts have achieved

physical progress in between 75% to 90% during the year 2018. Only one district of all 25 has achieved physical progress less than 75% in 2017. In contrast 13 out of 25 have achieved less than 75% of physical progress whereas 4 of those were merely completed 25% of physical progress. Out of all 25 districts the least physical performance was observed to be achieved in Badulla district corresponding to 7% of progress in 2018 whereas Nuwara Eliya district has reported as the least performer as at the end of 2017. Since widening and Improvement Programme was conducted as an annual programme, both physical targets and financial targets were planned with respective to requirements made and with respective to provisions of budgetary allocations made for each year.

Table 5.1.2 Physical progress achieved as at 31st December 2017

Name of the District	Overall physical target as at 31 st Dec. 2017 (%)	Progress as at 31 st Dec.2017 (%)
Colombo District	100	83
Gampaha District	100	95
Kaluthara District	100	82
Kandy District	100	98
Matale District	100	80
Nuwara Eliya District	100	52
Matara District	100	92
Galle District	100	98
Hambanthota District	100	95
Batticaloa District	100	95
Ampara District	100	88
Trincomalee District	100	92
Jaffna District	100	85
Killinochchi District	100	95
Mannar District	100	93
Vavunia District	100	85
Mullathiv District	100	93
Kurunegala District	100	95
Puttalam District	100	90
Anuradhapura District	100	95
Polonnaruwa District	100	95
Badulla District	100	93
Monaragala District	100	90
Kegalle District	100	92
Ratnapura District	100	90

A comparison of financial progress of Widening and Improvement programme of 2018 with respective to 2017 can be stated as follows. (Table 5.1.3)

Table 5.1.3 - Overall Financial Progress obtained in 2018 vs. 2017

Year	Allocation (Rs.Mn)	Expenditure (Rs.Mn)	Financial Performance (%)
2018	10,865.0	7,559.0	70%
2017	10,734.4	9,211.5	86%

The overall budgetary provision has been increased from Rs.10, 734.4 Mn to Rs. 10,865.0 Mn with slight increasement of about 1% in 2018 with respective to 2017. The original budgetary provision has being changed in most districts except Kandy, Hambantota, Kuruneala, Badulla and districts of Northern province, Eastern Province as well as North Central Province. In Western Province, Matale and Nuwara Eliya districts of Central Province, Matara and Galle districts of Southern province, Puttalm district and Rathnapura district, the original budgetary allocation has being increased during the year considering the requirements made by the Provincial Directors of Road Development Authority. Financial performance achieved by each district as at 31st December 2018 can be stated as follows.

From the Financial progresses obtained 5 districts have achieved more than 100% of financial progress within 2018 whereas another 3 has achieved 100% of financial progress. Other than those 4 districts has recorded more than 80% of financial progress as at end of 2018. The least financial progress was achieved in Mannar district whereas another 4 districts have achieved less than 20% of financial progress.

Table 5.1.4 - Financial progress achieved as at 31st December 2018

Budgetary Code	Name of District	Budgetary Allocation 2018	Revised Allocation (Rs.Mn)	Expenditure as at 31st Dec.2018	Financial Progress (%)
117-02-05-01-2104-11	Colombo	800.0	944.0	283.7	30%
117-02-05-02-2104-11	Gampaha	600.0	705.0	368.5	52%
117-02-05-03-2104-11	Kalutara	500.0	568.0	104.7	18%
117-02-05-04-2104-11	Kandy	450	450.0	378.4	84%
117-02-05-05-2104-11	Matale	300	331.0	50.05	15%
117-02-05-06-2104-11	Nuwara Eliya	200	237.0	44.99	19%
117-02-05-07-2104-11	Matara	300	345.0	229.54	67%
117-02-05-08-2104-11	Galle	250	269.0	51.43	19%
117-02-05-09-2104-11	Hambantota	300	300.0	278.28	93%
117-02-05-10-2104-11	Jaffna	150	150.0	81.73	54%
117-02-05-11-2104-11	Killinochchi	150	150.0	154.1	103%
117-02-05-12-2104-11	Mannar	175	175.0	0.65	0%
117-02-05-13-2104-11	Vavuniya	175	175.0	117.21	67%
117-02-05-14-2104-11	Mullative	175	175.0	239.2	137%

Budgetary Code	Name of District	Budgetary Allocation 2018	Revised Allocation (Rs.Mn)	Expenditure as at 31st Dec.2018 (Rs.Mn)	Financial Progress (%)
117-02-05-15-2104-11	Batticaloa	100	100.0	117.57	118%
117-02-05-16-2104-11	Ampara	125	125.0	104.95	84%
117-02-05-17-2104-11	Tricomalee	75	75.0	61.75	82%
117-02-05-18-2104-12	Kurunegala	300	300.0	412.0	137%
117-02-05-19-2104-13	Puttalam	300	347.0	183.3	53%
117-02-05-20-2104-14	Anuradapura	300	300.0	313.3	104%
117-02-05-21-2104-15	Polonnaruwa	400	400.0	180.81	45%
117-02-05-22-2104-16	Badulla	200	200.0	146.87	73%
117-02-05-23-2104-17	Monaragala	150	30.96	30.96	100%
117-02-05-24-2104-18	Kegalle	200	134.19	134.19	100%
117-02-05-25-2104-19	Ratnapura	150	200.85	200.85	100%
117-02-05-26-2104-20	Tax Component	800	800.0	589.7	74%
117-02-05-29-2104-21	National Savings Bank Funded Projects	2700	2700.0	2700.0	100%
Total		9525.0	10,865.0	7,559.0	70%

Financial performance achieved by each district as at 31st December 2017 can be stated as follows. (Table 5.1.5)

Table 5.1.5 - Financial progress achieved as at 31st December 2017

Budgetary Code	Name of District	Revised Allocation (Rs.Mn)	Expenditure as at 31st Dec.2017	Financial Progress (%)
117-02-05-01-2104-11	Colombo	598.03	434.26	73
117-02-05-02-2104-11	Gampaha	446.12	321.43	72
117-02-05-03-2104-11	Kalutara	317.52	234.49	74
117-02-05-04-2104-11	Kandy	356.37	356.37	100
117-02-05-05-2104-11	Matale	92.79	46.44	50
117-02-05-06-2104-11	Nuwara Eliya	85.54	33.32	39
117-02-05-07-2104-11	Matara	296.40	241.63	82
117-02-05-08-2104-11	Galle	160.38	128.28	80
117-02-05-09-2104-11	Hambantota	277.52	277.52	100
117-02-05-10-2104-11	Jaffna	188.70	188.70	100
117-02-05-11-2104-11	Killinochchi	136.21	136.21	100
117-02-05-12-2104-11	Mannar	150.00	121.52	81
117-02-05-13-2104-11	Vavuniya	276.49	276.49	100
117-02-05-14-2104-11	Mullativ	252.25	252.25	100
117-02-05-15-2104-11	Batticaloa	93.60	93.60	100
117-02-05-16-2104-11	Ampara	164.42	164.42	100
117-02-05-17-2104-11	Tricomalee	109.28	109.28	100
117-02-05-18-2104-12	Kurunegala	369.01	369.01	100

Budgetary Code	Name of District	Revised Allocation (Rs.Mn)	Expenditure as at 31st Dec.2017 (RS.Mn)	Financial Progress (%)
117-02-05-19-2104-13	Puttalam	296.00	238.78	81
117-02-05-20-2104-14	Anuradapura	387.10	387.10	100
117-02-05-21-2104-15	Polonnaruwa	279.19	279.19	100
117-02-05-22-2104-16	Badulla	180.83	180.83	100
117-02-05-23-2104-17	Monaragala	84.03	50.84	61
117-02-05-24-2104-18	Kegalle	175.00	135.51	77
117-02-05-25-2104-19	Ratnapura	150.00	139.39	93
117-02-05-26-2104-20	Tax Component	714.57	714.57	100
117-02-05-29-2104-21	National Savings Bank Funded Projects	4,100.00	3,300.0	80
Total		10,737.40	9,211.50	70

As per the above table it is observed that 13 districts of all districts have achieved 100% of financial progress as at 31st December 2017; whereas the least financial progress was attained by Nuwara Eliya district. Financial progress attained during 2018 and 2017 province wisely can be stated as follows. (Table 5.1.6)

Table 5.1.6 - A comparison of Provincial Financial Progress attained during 2017vs. 2018

Name of the Province	Financial Progress (%) as at 31st Dec.2017)	Financial Progress (%) as at 31st Dec.2018)
Western	73%	34%
Central	82%	46%
Southern	88%	61%
Northern	97%	72%
Eastern	100%	95%
North Western	91%	92%
North Central	100%	71%
Uva	87%	77%
Sabaragamuwa	85%	100%

Although the financial progress was achieved by each province in 2017 and 2018 can be illustrated as above, the values obtained for each cannot be compared since the allocation was made for each district was based on the annual priority requirements. But at the end of 2017, only Eastern & North Central province have achieved 100% of financial progress while only Sabaragamuwa province has achieved 100% of financial progress during 2018. All the other provinces have achieved lower values of financial progress in 2018 than in 2017 except North Western Province. The least financial progress was achieved by Western Province both in 2017 and 2018. Therefore it can be concluded that the overall financial target achievement in each province was attained a relatively moderate performance (with respective to action plan 2017.) during 2018 also.

6.0 BRIDGES AND FLYOVERS

As an integral part of the Road Network, most bridges are being reconstructed or rehabilitated with enhanced safety features parallel to road development where 100 – 150 bridges are to be reconstructed annually (permanent bridges are being constructed for existing ferries as well as weak and narrow bridges). Flyovers also have to be constructed in location with intersections with the easing traffic congestion, reducing delays, minimizing accidents, lowering the operational cost of vehicle and finally ensuring the safe and efficient transportation. Accordingly, this ministry is engaged in rehabilitation, improvement, reconstruction and construction of new bridges through no of projects to ensure easy and safe transportation.

There are around 4662 bridges in the National Road Network (A class & B class Highways) and the bridge classification according to span can be stated as follows.

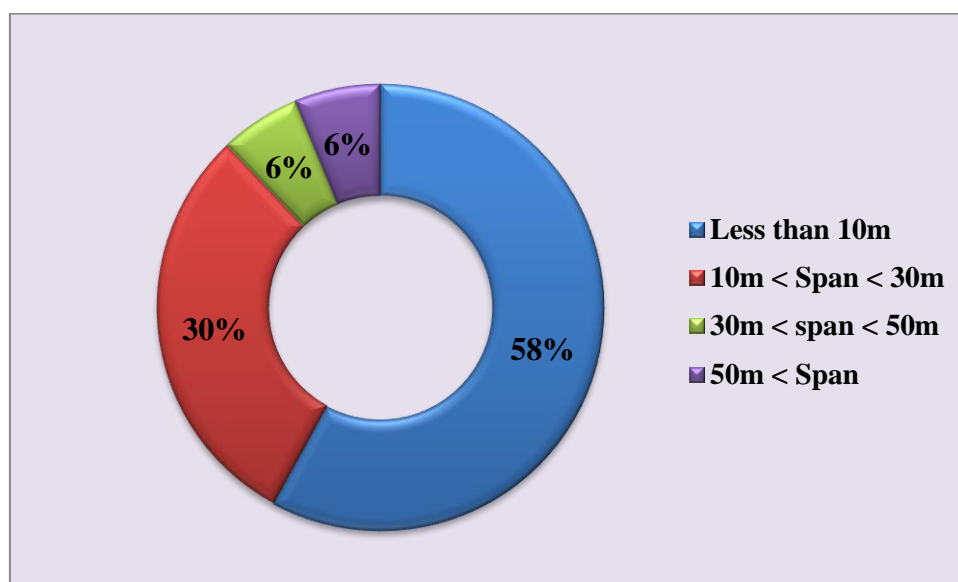


Figure 6.0– Summary of Bridges on National Highways

The highest group of bridges located in the National Road Network were consisted with less than 10m span where the least no. of bridges were with 30m < Span < 50m and 10m < Span < 30m. Since these bridges were located in A Class Highways and B class highways of the National road Network, the bridges constructed in Expressways were not included within these values.

6.1 Reconstruction of Damaged /Weak Bridges on National Highways

Under this programme, 86 no's of bridges improvement was proceed during year 2017 where 53 were conducted in 2018. Out of 53, 10 were completed as at the end of 2018. In 2017, 37 bridges were completed & nearly completed. Physical works for 13 bridges are ongoing while 47 bridges were remained under tender stage. During 2018, 12 projects were initiated and all of those were at tender stage as at 31st December 2018. From all 53, 31 no. Of bridges were at ongoing state.

Table 6.1.1 The physical performance of Projects initiated during 2018

Province	Completed	On going	Tender Stage	Total
Western	02	04	04	10
Central	-	08	05	13
Southern	01	01	-	02
Northern	-	-	-	-
Eastern	-	-	01	01
Eastern Province(APD - Akp)	-	1	-	01
North Western	03	04	-	07
North Central	01	06	02	09
Uva	01	01	-	02
Sabaragamuwa	02	06	-	08
Total	10	31	12	53

Financial progress as at the end 2018 was 61% where as 82% of financial progress was achieved by the project in 2017. Therefore the financial target achievement with respective to action plan 2017 was slightly decreased in 2018 than in 2017.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-08	2506 Infrastructure Development	350.0	400.0	243.68
	Total	350.0	400.0	243.68

6.2 Construction of Rural Bridges using Old Bridge Components

Construction of low cost bridges in rural areas and quick construction of temporary bridges in RDA roads under emergency situation such as flood damages are main responsibilities of Rural Bridge Construction Division. Basically the bridges are constructing in rural areas with re-using old steel components removed from RDA bridges.

Although 76 no. Of bridges was planned to be reconstructed during 2017 the action plan has revised due to allocation issue. From January to December 2017, 12 no's of bridges have been completed. Construction works of 8 bridges has initiated in 2017 where 3 were completed within the year. Construction works of 35 bridges are at ongoing stage. During the year 2018, reconstruction of 7 no. Of bridges has been newly initiated and 14 no's of bridges have been completed. Construction works of 21 bridges are ongoing. From those 21, 6 no of projects were not implemented although planned to be completed in 2018. Other than those urgent repairs and launching and delaunching baily bridges including transport of components were implemented as planned in the action plan 2018 pertaining with 100% of target achievement with 100% of physical progress. Project details are given in *annexure – 14*.

This project has been achieved 65% financial progress during year 2018 where for the year 2017 it was 52%. According to action plan 2018 the project was being able to reach the financial targets to a significant amount at end of 4th quarter.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-14	2506 Infrastructure Development	300.0	343.0	221.2
	Total	300.0	343.0	221.2

6.3 Regional Bridge Project (Phase II)

Total estimated cost for the project is £ 45 million and it was funded by HSBC Bank in UK. Under this project 80 bridges are being reconstructed. Project period is 4 years from 2013 to 2017. During the year 2017, 10 bridges have been completed and 16 numbers of projects are remained in ongoing status as at end of 2017. From the list of bridges selected some were used temporarily for the reconstruction of 66 bridges. Almost 65 bridges out of all have been completed by the end of 2017. **Overall physical progress achieved during 2017 was 5% & the cumulative physical progress as at end of 2017 is approximately 97%.** During the year 2018, 11 bridges have been completed and 06 numbers of projects are initiated and remained in ongoing status as at end of December 2018. Almost 76 projects have been completed. Overall progress for project is 99% as at the end of December 2018. Project details of ongoing projects are given in *annexure 15*.

Financial progress achieved at the end of 2018 can be shown below.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-16	2506 Infrastructure Development	125.0	346.0	346.0
	Total	125.0	346.0	346.0

The financial progress achieved in 2018 for this project was 100% where 96% was reported for the year 2017. Therefore the project has fully achieved its financial targets with respective to revised action plan 2018.



Bridge across Kelani River on Eswatta – Ranwala



Bridge over Galoya connecting Salgashandiya River Bank road

6.4 Reconstruction of 25 bridges on National Highways

Under this project 25 bridges are being constructed on A & B class roads. Project is financed by Kuwait Funds for Arab Economic Development (KFAED) and the total loan amount is Kuwait Dinar 10 million (Rs. 4,460 million). This project is being implemented under three packages. Out of these, 8 bridges were awarded under contract package 1. Civil works of package 1 was commenced in 2015 & will be completed in 2019. During the year 2015 only preliminary works were done. Overall physical progress for package 1 is 28% as at the end of 2016 whereas only 12% was achieved in 2017. Therefore the overall physical progress attained as at end of December was 40%. It has achieved 67% of cumulative physical progress as at end of 2018 corresponding to completion of another 27% within the year. The cumulative physical progress attained for each bridge reconstructed under package 1 can be stated as follows. (Table 6.4.1)

Table 6.4.1 - Overall Physical Progress of Bridges Selected under Package 1

Item no.	Bridge Name & No.	Length (m)	Cumulative physical progress (31 st Dec. 2016)	Cumulative physical progress (31 st Dec. 2017)	Cumulative physical progress (31 st Dec. 2018)
1	Bridge No.1/1 Kaduwela-Biyagama Road (AB004) (B1)	92.76	31%	40%	75%
2	Bridge No : 14/3 Galagedera – Horana Road (B123) (B2)	11.5	29%	40%	56%
3	Bridge No14/8 Galagedera – Horana Road (B123) (B3)	11.5	34%	51%	95%
4	Bridge No. 11/4 Kegalle-Bulathkohupitiya road (AA021) (B4)	31.6	12%	27%	63%
5	32/1 Veyangoda –Ruwanwella road(B445) (B5)	19.3	26%	45%	60%
6	Bridge No.2/2 Tangalle – Weeraketiya road (B410) (B6)	6.92	0% (Due to design change)	63%	99%
7	Bridge No. 2/3 Tangalle – Weeraketiya road (B410) (B7)	13.9		4%	46%
8	Bridge No. 10/2 Ampilanthurai-Veramunai raod (B018) (B8)	50.4	35%	41%	46%

Table 6.4.2 Revised overall target & actual progress for 2017 & 2018 as per action plans for package 1

	Physical Target %				Physical Progress %				Achievement as a %
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Total
2018	40	18	-	-	7	10	7	3	47
2017	23	17	18	8	5	5	2	0.1	18

Under the package II & III, of this project, altogether 17 bridges will be constructed. Tender document preparation for package -2 is completed, where tender issuance has commenced on 22nd of December 2017. Consultancy contract was awarded in September 2018 for this package whereas designs & tender documents were still under preparation for package 03 at the end of year 2018 also. A list of selected bridges under package, II & III can be illustrated in *annexure 16*.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-17	2105 Land & Land Improvement	25.0	25.0	13.38
	2506 Infrastructure Development	550.0	320.0	265.83
Total		575.0	345.0	279.21

Financial progress of 2018 for this project was 81%, where Progress for 2017 was recorded as 89%.

6.5 Reconstruction of 46 bridges

The Government of Sri Lanka received € 22.05 million as a loan from the French Government to the reconstruction of 46 very old and narrow steel bridges. This project was commenced in May 2013. Under this project 50 bridges have been selected for reconstruction. At the end of 2016, 44 bridges were completed. The project has been achieved overall 93% physical progress for the year 2016 where as the remaining bridges were successfully completed during 2017 attaining approximately 100% of progress.

Since the Project was able to utilize total funds allocated for 2018, nearly 100% of financial progress was attained. For 2017 the financial progress achieved as at end of December was 97%. Therefore although the financial progress has decreased by 3% in 2017 the target achievement can be stated as moderate.

The construction of bridges under this project has achieved 100% of progress for its physical targets with respective to action plan 2017. The original budgetary provisions has upgraded within the year for the settlement of bills of the completed activities. Since the project has completed all its reconstruction works of bridges in 2017, physical targets were not needed to be included either in the action plan or in the revised action plan of 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-18	2105 Land & Land Improvement	3.0	12.0	11.7
	2506 Infrastructure Development	15.0	107.0	107.0
	Total	18.0	119.0	118.5



**Bridge no.8/2 on Badalkumbura
– Buttala – Sella Katharagama
Road**



**Bridge no.194/1 on Peradeniya –
Badulla – Chenkalady Road**

6.6 Major bridges construction project of the National Road Network

The scope of the project is to improve the part of the high-priority national road infrastructure, such as construction and replacement of the bridges on the National Highways. As these bridges are on 'A' class and 'B' class roads the whole island is benefited by construction of these bridges by reducing travel time, vehicle operating cost & increasing average speed of the vehicles.

This project is funded by Japan International Cooperation Agency (JICA) and the total loan amount of the project is J. Yen 12,381 million. Construction works were commenced in February 2015. Initially 37 bridges have been selected under this project and finally it was come down to 21 bridges due financial status. Civil works for 10 bridges in southern province were commenced on March 2015 under this contract package I.

Cumulative physical progress of this package is 98% as at the end of December 2017 whereas all the civil works were completed in 31st March 2018. Out of these 10 bridges Polwatta & Koledanda bridges were completed in 2016. Another 7 bridges were completed within 2017. As at the end of 2016, there was only 73% of progress in package I. This package of the project has completed 25% within 2017 achieving 100% of physical progress with respective to action plan 2017. For the year 2018, the physical target achievement was 100% with respective to revised action plan.

Under contract package II, 08 bridges were selected to reconstruct in Northern Province. Contractor was mobilized to the site & preliminary works were done in 2016. The physical progress of this package as at 31st December 2017 was 43% and it has achieved 70% of target achievement with respective to action plan 2017. As targeted the contract package II of this project has completed all the construction activities by October 2018 attaining 100% of cumulative physical progress. It has achieved 57% of physical progress within the year and target achievement with respective to revised action plan 2018 was 100%. The list of completed and ongoing bridges under package I & II is given in *annexure 17*.



Arippu Bridge No.21/1 on B403 Road



Mandaikallar Bridge : No. 39/2 on A032 Road

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-19	2105 Land & Land Improvement	100.0	100.0	76.35
	2506 Infrastructure Development	1,600.0	2,147.0	2,135.88
Total		1,700.0	2,247.0	2,212.23

This project reports 96% financial progress 2017 whereas 98% was reported at the end of December 2018. The financial target achievement of the project with respect to action plan 2018 was more than 100%. Therefore the financial target achievements for both years were nearly similar.

6.7 Construction of Second New Kelani Bridge

Japan International Cooperation Agency (JICA) has provided J.Yen 35,020 million as a loan for this project. This project was commenced in January 2014 & expected to be completed in 2020. The objective of the project is to mitigate & disperse traffic congestion specially in existing new Kelani Bridge and thereby to give high mobility link to improvement of transportation network in Colombo city specially from Colombo Katunayake Expressway, Baseline and Port Access roads and promoting economic development.

With the opening of Colombo- Katunayake Expressway, there is a considerable increase in the volume of traffic entering the Colombo city along the expressway, therefore New Kelani Bridge will construct with six traffic lanes, interchanges and elevated road to the port access road, to cope with the demand.

Reconstruction and relocation of building for Sri Lanka Atomic Energy Board (SLAEB) at Orugodawatta has completed pertaining 100% of physical target achievement with respect to revised action plan 2018. Target achievement of the above work was approximately 70% for the year 2017 with respect to action plan. Reconstruction and relocation of building for Auto Mobile Training Institute (AETI) has completed and handed over to NAITA in September 2017.

Consultancy contract for the main civil works was awarded to Oriental Consultant Company Ltd & to Katahira & Engineers International. Time duration for Design, tender assistance & construction supervision is from January 2015 to December 2019. Design works and tender

assistance stages were completed. Main civil work contracts have been awarded and construction works were commenced for package 1 and package 2 in December 2017 and September 2017 respectively. Affected people due to construction of New Kelani Bridge have been resettled in Salamulla Laksada Sewana Housing Scheme in April 2017. Land acquisition is currently in progress with the progress of 98% for 2017 where 57% was reported as at the end of December 2016. Land acquisition work of the project has completed by the end of 2018 where issuance of section 44 is in progress. Since the contract was awarded in December 2017 for section 1 the target achievement was reported as 0%. And for section 2 also the contract awarding process was occurred in September 2017. Therefore the target achievement was obtained as 15%. Cumulative progress of civil works of contract package 1 was reported as 10% as at the end of December 2018 whereas the contract package 2 has attained 31% of cumulative physical progress.

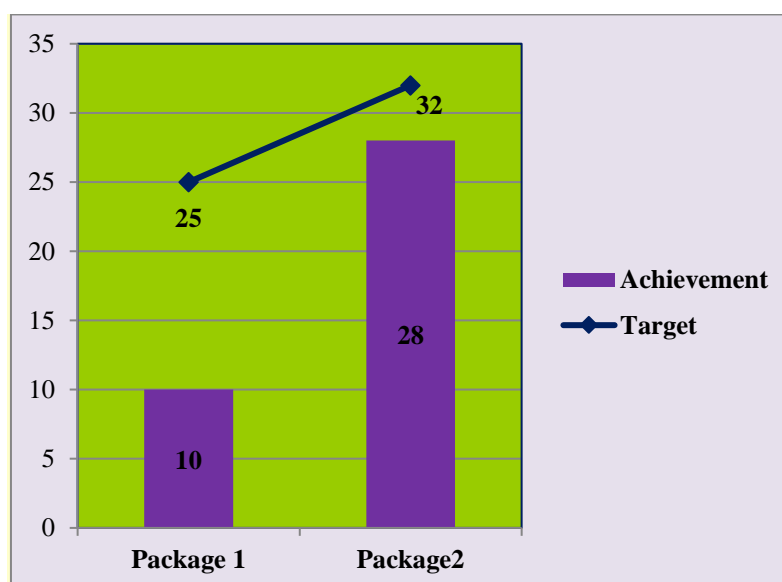


Figure 6.7.1 – Target Achievement of Civil Work of Contract package I and II with respective to Revised Action Plan 2018

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-06-21	2105 Land & Land Improvement	150.0	150.0	70.58
	2506 Infrastructure Development	10,000.0	9,010.0	8,454.81
Total		10,150.0	9,160.0	8,525.39

Financial progress for 2017 was 92% while for 2018 financial progress was obtained as 93%. According to the financial progress obtained in 2018, it can be stated that the funds were more utilized in 2018 than in 2017.

6.8 Establishment of Bridge maintenance System (BMS) & Bridge Assessment Unit (BAU)

The Government of Sri Lanka has made a formal request to the Government of Japan to establish a proper Bridge Maintenance & Assessment System, as the available system having a lot of shortcomings. The Government of Japan agreed to provide the Technical Assistance through JICA to develop a proper Bridge Maintenance & Assessment System in Sri Lanka. This is a three year project commencing from February 2015.

The major objective of the project is management of bridges based on their structural soundness & other important factors for repairs /rehabilitation / reconstruction. Thus this project will enhance the economic development by minimizing the maintenance cost by timely maintaining and identifying the weak bridges in advance.

The main activities conducted under this programme can be stated as follows.

Activity	Physical Progress as at 31/12/2017(%)	Physical Progress as at 31/12/2018 (%)
Inspection of bridges in sample provinces	Completed in 2017.	
Inspection of bridges in other provinces (other 6 provinces)	50	100
Preparation of Manuals for Bridge Maintenance & Assessment unit activities	Completed in 2017.	
Bridge Data Base – Data Feeding Process	60	95

Inspection of bridges in sample provinces (Western, Central & Southern Province) was conducted with technical assistance of JICA where for the remaining provinces it was conducted by the engineers of Road Development Authority. Inspection of bridges in sample provinces has completed up to 95% as at 31st December 2016.

Inspection of bridges in other provinces was completed within 2018 by the Road Development Authority. Data feeding process has completed approximately for 3000 bridges contributing to nearly 60% of physical progress during 2017 whereas it was completed up to 95% as at end of 2018.

Preparation of Manuals for Bridge Maintenance & Assessment unit activities has completed in 2017 where only drafting process was conducted during 2016. The physical performances achieved during 2016 and 2017, 33% and 50% respectively were. Therefore the overall physical progress achieved at the end of 2017 was 98%.

Since the JICA financing component of this project is already being completed this programme is being continued as an annual programme from 2018 under Bridge Design Division of Road Development Authority. It has achieved 100% of physical progress as at 31st December 2018.

The bridge inspection activities carried out under this programme can be summarized as follows.

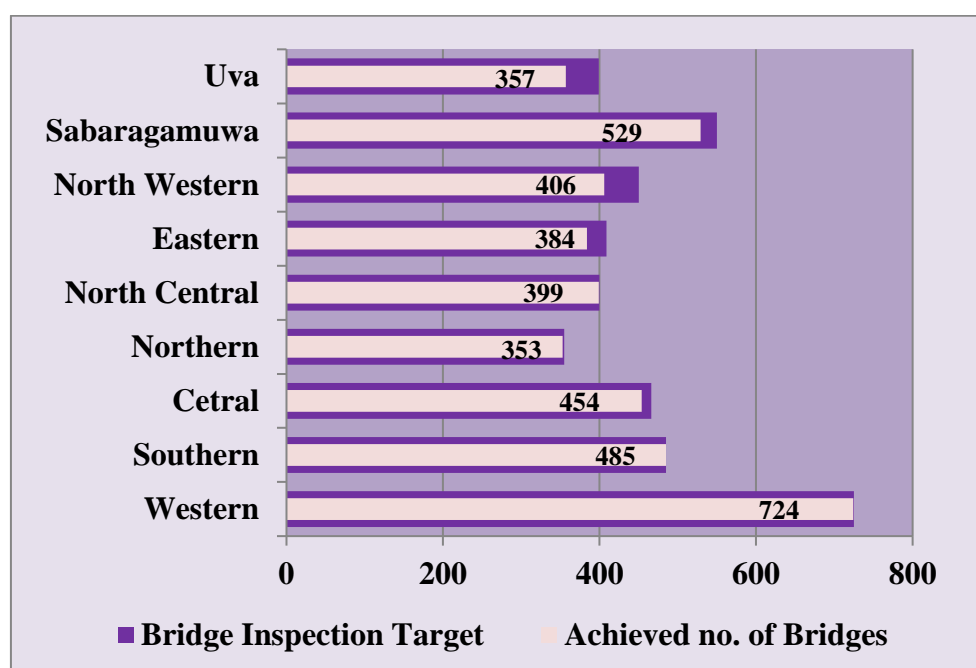


Figure 6.8.1 – The target achievement of Bridge Inspection Activities carried out in 2018

Physical target achievement of the programme with respective to action plans of 2018 & 2017 were 100% and 97% respectively.

Financial Progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-06-22	2506 Infrastructure Development	8.0	15.0	12.27
	Total	8.0	15.0	12.27

The financial progress achieved as at end of 2018 was 82% whereas 73% was achieved as at 31st December 2017. The original budgetary provision of the project was raised nearly twice during the year for the purpose of settlement of bills of previous years.

6.9 Construction of Pipe Bridge on Samawachchathive- Munaichianai Road (Thattuthurai Bridge)

Construction of Thattuthurai bridge as a multi cell pipe culvert on Samawachchathire – Munaichaianai is funded by Saudi fund for development (SFD). The civil works of the project were commenced in June, 2015 & completed in July 2016. Overall physical progress in year 2015 was 47% and balanced 53% amount of physical progress was achieved within the first seven months of the year 2016.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-06-23	2506 Infrastructure Development	5.0	5.0	2.73
Total		5.0	5.0	2.73

For the year 2017 this project has been achieved 89% of financial progress while for 2018 it was only 55%. Since the project was physically completed in July 2016, bill settlement works were remained to be carried out during 2017 as well as 2018 also.



Thattuthurai Bridge

6.10 Construction on Kochchikade Bridge on Peliyagoda puttalam Road

Raiffeisen Bank International of Austria has provided € 8.7 Mn as a loan for rehabilitation and reconstruction the old narrow bridge no 38/3 on Peliyagoda - Puttalam road (A 003). The main objective of construction of this bridge was to rehabilitate and reconstruct the old narrow bridge to reduce travel time and to ensure the safe passage for the road users.

Length of this bridge is 105 m with three spans and it is planned to construct as a 4 lane bridge. Physical works were commenced on July 2016 & intended date of completion is 24th January 2019 with another one year period for defects notification period. (Till January 2020)

Cumulative progress of civil works attained as at 31st December 2017 was 65%. The physical progress which attained within 2017 was 23%. Therefore the achievement of civil works with respective to action plan 2017 was 38%. For the year 2018, the revised physical target was 35% where it has achieved 100% of target achievement as at end of 4th quarter of 2018. Therefore Civil works progress attained as at the end of December 2018 was 100%.

According to the revised budget, this project has achieved 99% financial progress as at the end of 2018 where only 46% was achieved within 2017.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-6-20	2506 Infrastructure Development	375.0	437.0	435.0
	2105 Land & Land Improvement	5.0	0.0	0.0
Total		380.0	437.0	435.0

6.11 Construction of 3 flyovers at Rajagiriya, Polgahawela & Ganemulla

The project was designed to cope with the prevailing heavy traffic congestions experienced at 3 major locations which accounts for a huge economic loss by travel time & the vehicle operation cost as well as the reduction of safety of road users. The total duration of the project can be considered as 32 months (2016 -2018).The project is funded by Spain. Details of the 3 flyovers constructed under this project can be stated as follows;

Table 6.11.1 Detailed Summary of 3 Flyovers

Flyover	Suspended Length (m)	Total length (m)	No. of lanes	Project Period (months)
Rajagiriya	363	533.2	4	32
Polgahawela	233	353.0	2	16
Ganemulla	204	275.3	2	14

- Rajagiriya Flyover:**

Rajagiriya flyover constructed at Rajagiriya junction will facilitate the free & uninterrupted traffic along Kollupitiya – Sri Jayewardenepura road (A000), Welikada – Nawala road (B470) & Borella – Rajagiriya road (B062). The construction of this flyover will be implemented under 2 phases as phase I – South flyover & phase II – north flyover and construction period for each phase is 16 months. Further this has designed as a 4 lane multi – span steel hybrid full web truss flyover with 2 independent & parallel platforms.

- Polgahawela flyover:**

Polgahawela flyover located near Polgahawela railway station has designed to be implemented with a 2 lane multi – span straight steel flyover with a total length of 353 m. This flyover will facilitate the free & uninterrupted traffic along Polgahawela – Kurunegala road (A19) road. Duration of this project is 16 months

- Ganemulla flyover:**

Ganemulla flyover, constructed near Ganemulla railway station designed as a two lane multi - span straight steel flyover with a total length of 275.32 m will facilitate the free & uninterrupted traffic along Biyanvila – Ganemulla (B58) & Kiridiwita – Ganemulla (B226) roads. Utility shifting works in this project was almost nearly completed as at 31.12.2016.

The physical progress achieved as at 31st Dec. 2018 for the each Flyover can be stated as follows.

Table 6.11.2 – Physical Progress as at 31/12/2018

Name of Flyover	Overall Physical Progress (%)		
	31/12/2016	31/12/2017	31/12/2018
Rajagiriya Flyover	Phase I – 62% Phase II- 24%	Phase I – 97% Phase II- 94%	Completed
Polgahawela Flyover	78%	99%	Completed
Ganemulla Flyover	75%	100%	Completed

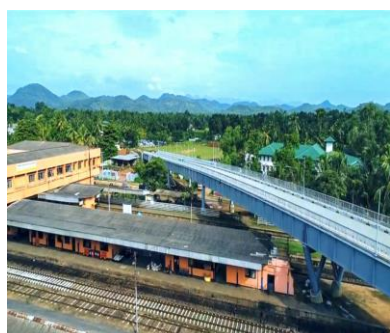
According to action plan 2017 the overall physical target was 37% for phase 1 and 55% for phase 2 of construction of Rajagiriya flyover where achievements were 37% and 70% for each phase

respectively. Therefore the target achievements were 100% and more than 100% for phase 1 and phase 2 during 2017 with respective to action plan. According to action plan 2017, 28% of physical target was planned where 20% of it has achieved for construction of Polgahawela flyover. Therefore the percentage of target achievement with respective to action plan 2017 was 71%. According to the action plan 2017, physical target for construction of Ganemulla flyover was 23% & project has achieved 25% of progress at the end of 2017. Therefore the target achievement for the construction of flyover in 2017 was more than 100% with respective to action plan 2017. The physical progress attained at the end of 2016 was 75%. Construction work of this flyover has completed within 2017.

The overall project has achieved 99% of physical progress as at 31st December 2017 with a progress of 32% for 2016. Therefore as at the end of December 2017, all three flyovers are 100% completed & opened for general public. For 2018, only few other works were remained to be completed within the site. Since the construction works of all 3 flyovers were completed as at end of 2017, physical targets for those were not setted in action plan of 2018, where 4% of physical target was setted only for phase I and phase II of Rajagiriya flyover for some remaining other physical works. The overall financial progress achieved for the year 2017 was 93% where it was 99% for the year 2018. The original budgetary allocation has revised within the year in order to settle the bills of the completed activities and from that amount almost all the amount has been able utilize as at 31/12/2018 by the Project Management Unit.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-2-6-24	2506 Infrastructure Development	380.0	740.0	738.2
	2105 Land & Land Improvement	0.0	176.0	176.0
Total		380.0	916.0	914.2



Polgahawela Flyover



Ganemulla Flyover



Rajagiriya Flyover

7.0 NATURAL DISASTER AFFECTED ROADS REHABILITATION

7.1 Landslide Disaster Protection Project of National Road Network

One of the major goals of the development plans is to establish a safe and comfortable road network, by protecting it from such natural disasters and strengthening its management capacity against slope disasters including landslides in the mountainous and hilly region, the most vulnerable regions against slope disasters due to heavy rains.

The Road Development Authority (RDA) & the National Building Research Organization (NBRO), under the aegis of the Ministry of the Disaster Management, jointly began to develop guidelines for Slope Management and Slope Protection (technical guidelines) & decided to enhance their ability to manage slope along the roads and to issue landslide warnings at appropriate timings. The RDA intended to apply the guidelines developed by the NBRO to national road projects in hilly regions in seven districts. They would however like to have support from international consultants with extensive experience in management of landslide disasters along the roads to help them develop their technical capacity and resolve logistical problems concerning cost and capacity.

The total project cost was estimated as Japanese Yen 9,590 million. This project commenced on July 2013 and will be completed in July 2020. The project is being implemented in the Central Highland covering 'A' class roads in Kandy, Nuwara Eliya, Badulla, Rathnapura and Kegalle districts. The aim of the Project is to mitigate Landslide disaster targeting for 'A' class national roads as basic infrastructure through implementing appropriate countermeasures in highland areas thereby contributing to enhance the security of the road network and save the line of residents. Within this project introduction of Japanese technology for landslide countermeasures is being implemented.

Landslide Disaster Protection project consists with following 06 consultancy activities and civil work contracts. Civil work contract package 1 has been awarded to State Development & Construction Cooperation (SD & CC) and package 2 has been awarded to RR-Soltec Joint Venture, covering 16 sites in 5 districts. Progress of civil work contract packages can be summarized as follows.

- Contract Package 1 – Package 1 is aimed to cover 10 sites located in Nuwara Eliya, Badulla, Kandy and Kegalle. Of those 7 sites were located in Nuwara Eliya district. Civil work was commenced in March 2017 for this package. The physical progress attained for 31st December 2017 for the package was 3% where 9% was targeted to be completed by then. Therefore the

target achievement of the project was approximately 33% with respect to action plan 2017. For 2018, the package has achieved more than 100% of physical progress with respect to revised action plan whereas the 90% of progress has attained as at end of December.

- Contract Package 2 – Package 2 of the project is aimed to cover 6 sites located in Badulla, & Ratnapura districts. Of those 6 sites, 5 were located in Badulla district. Civil work for this package was also commenced in March 2017 where 38% of physical progress has attained as at 31st of December 2017. The overall target achievement of the project was more than 90%. Further this package has achieved approximately 97% of target achievement as at 31st December 2018, which consists of 68% of physical progress performed within the year.

Scope of consultancy services with physical progress of each activity as at 31st December 2017 can be stated as follows.

Table 7.1.1 Physical progress of consultancy services under Landslide Disaster Protection Project

Activity	Physical progress as at 31/12/2017(%)	Physical progress as at 31/12/2018(%)
Establishment of Early Warning system.	Completed.	Completed.
Tender Assistance Process for Landslide Protection		
Construction Supervision for Landslide Protection	75	83
Capacity Development	60	70
Investigation, Monitoring and Analysis of Landslide	Completed.	Completed.
Detailed design process		

Installation of automated Rain Gauge System at 30 Location in Uva, Central and Sabaragamuwa provinces were completed at the end of 3rd Quarter where software installment and development process, establishment of rain gauge network were commenced within the 4th quarter of 2016. At the end of 2016, the total process was physically completed. During 2017 Tender Assistance process has completed where 95% of it was completed at the end of 2016. Detailed design process was completed in 2015. Construction Supervision for Landslide Protection and Capacity

Development processes are progress with physical progress of 75% and 60% respectively as at December 2017 83% & 70% during 2018.

Outline of Landslide Disaster Protection Project is shown as *annexure 18*.

The overall physical progress achieved by the project at the end of 2017 was 28% where 84% was reported as at 31st December 2018. Although the overall physical progress is reported as above it cannot be expressed comparatively with action plan since the activities are targeted separately within the action plan 2018 also.

The percentage of financial progress achieved as at 31st December 2018 was 99% whereas 66% of financial progress was reported for 2017. Therefore the project has completed relatively high amount of financial progress with respect to revised action plan 2018.

Financial progress as at 31/12/2018

Budget Code	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-07-13	2506 Infrastructure Development	1,200.0	3,082.0	3,058.2
	Total	1,200.0	3,082.0	3,058.2



Site View from Badulla side at A 005



Site front view of Wallhaputhenna – A004

8.0 RURAL ROAD DEVELOPMENT PROGRAMME

Rural Road Development programme which was earlier named as “Maganeguma Rural Road Development programme” has become as important feature in road sector in Sri Lanka during last few years. This programme has started in 2004 with a proper understanding of rural roads requirements in the country and following new methodologies. In 2005 it was started to develop short length of rural roads (72% roads are rural rods out of total length in Sri lanka) by Motor grading, Gravelling, Mettaling & Tarring and Laying concrete. In 2009 it was expanded by introducing interlocking block paving considering the quality of roads. The concept of ‘**Rural Road Re-Awakening Programme**’ helps to ensure considerable rural development and to improve rural connectivity. Under this programme, rural roads will be developed in a well-organized manner considering priority rural development requirements. When selecting rural roads, high priority is made to rural roads which provided access for more by-roads as well as more public places and providing more benefits for more families in rural areas. Since the road development projects through approved Community Based Organizations in respective Grama Niladari Divisions, the rural community is directly benefited from the project.

Main objectives of the programme are,

- Development of rural road system which is to be selected considering priority development requirements aiming higher rural development.
- Development of very difficult rural roads which make direct impact on day to day life of the rural communities.
- Making new entrepreneurs at rural level (Raw material suppliers, Concrete block produrers)
- Paving the way to use rural labor through implementation of development works by Rural Community Based Organizations.
- Improving of living standards of the rural communities.

Under this programme Metalling & Tarring of roads, Gravelling of roads, Motor grading of roads, Earth works of roads, concreting of roads and concrete block paving of roads were done. Other than road works construction of structures was also carried out such as construction of side drains, construction of retaining walls, rock blasting removal, construction of rural bridges, construction of culvers and construction of causeways.

8.1 Physical Progress of Rural Road Re-awakening Programme

In 2017, the Rural Road Re-Awakening Programme has been conducted under following major components as:

- I. Block Paving
- II. Concreting
- III. Metalling & Tarring
- IV. Construction of side drains & retaining walls

For year 2017 a number of 3176 projects has been approved where 1358 of those were being able to complete within the year. Under this a total of 115.86 km of rural roads were developed as at the end of December 2017 from the targeted length of 328.3km. Therefore the overall target achievement for this programme for 2017 was 50%. For 2016 a total of 87.64 Km of rural roads were developed from the targeted length of 157km.

In 2018, other than the activities continued in 2017, construction of more number of culverts has conducted and by the end of the year a total no. of 13 culverts has been completed. For year 2018 a number of 2585 projects has been approved where 1333 of those were being able to complete within the year. From the targeted length of 250 km of road length, improved length as at end of 2018 was 167.33 km pertaining the 67% of target achievement. Therefore the target achievement of this programme was higher than that of 2017 for 2018.

The structures constructed under this programme can be stated as follows.

Table 8.1.1 A Comparison of Structures Constructed within 2016, 2017 & 2018

Year	Side Drains (km)	Retaining Walls(m ²)	Culverts
2016	0.13	51.0	None
2017	0.43	114.0	1
2018	0.43	516.32	13

Construction of retaining walls and construction of culverts were increased in 2018 where construction of side drains remained same to those that with 2017.

With respect to Action Plan – 2017 overall target achievement obtained quarterly can be stated as follows.

Table 8.1.2- Target achievement as per Action Plan 2017

	2017					2018				
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total
Target	8%	12%	34%	46%	100%	10%	20%	30%	40%	100%
Achievement	8%	1%	5%	36%	50%	40%	9%	1%	17%	67%

With respect to action plan 2017, the highest target achievement was recorded within the 1st quarter which can be stated as 100%. The least target achievement was shown for 2nd quarter which can be attained as 8%. For the year 2018, the target achievement of the programme was as above. From those the highest target achievement was observed within the 1st quarter of the year whereas the least performance was observed within the 3rd quarter. Similarly the target achievement of the programme with respect to target lengths of rehabilitation can be stated as follows.

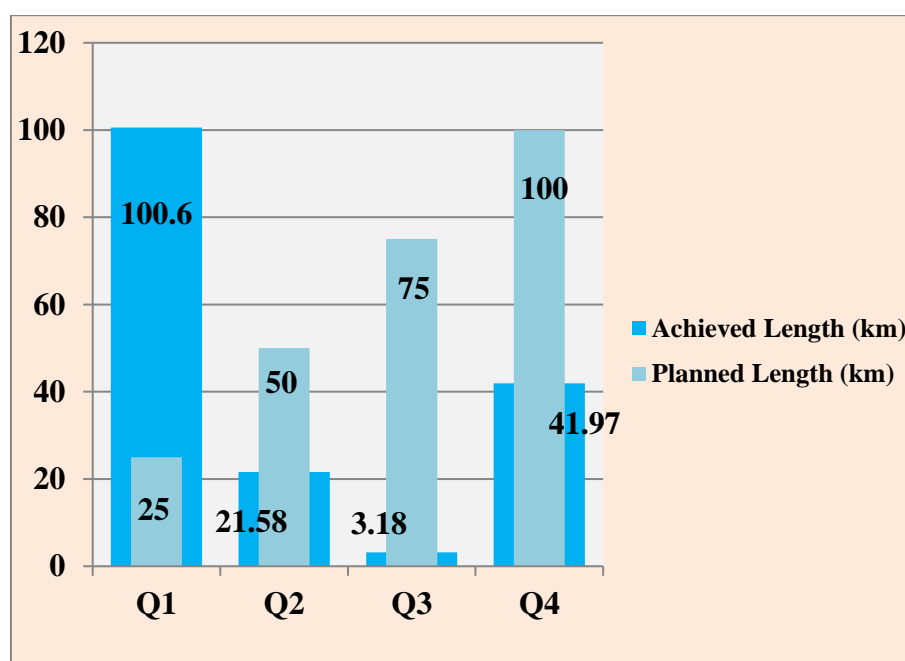


Figure 8.1 – Target Achievement of rehabilitation work of the programme in 2018

8.2 Financial Progress of Rural Road Re-awakening Programme

The original budgetary provision of the programme was revised twice during the year from funds allocated via budget proposals plus additional allocations provided by the Department of Budget considering the progress achieved by the programme. Therefore the provision has increased by Rs. 1,600.3 Mn pertaining to more 50% of increase.

The overall financial progress achieved with respect to allocation vs. amount paid can be stated as 64% and 46% for 2018 and 2017 respectively. The overall financial progress of this programme with respect to allocation vs. reported work done can be stated as 69% for 2017. The figure reported for 2018 for allocation vs. reported work done was 84%. Financial target achievement with respect to action plan 2017 can be stated as 91%, 13%, 17% and 69% for quarter 1, quarter 2, quarter 3 & quarter 4 respectively whereas those can be stated as 53%, 8%, 5% and 11% at the end of 2018. The overall financial progress achieved during 2018 for the programme has increased by 18% during 2018. The overall financial progress attained within 2018 can be stated as follows.

Financial progress as at 31/12/2018

Code	Budget	Object / Item Description	Budgetary Provision 2018 (Rs. Mn)	Revised Provision as at 31/12/2018 (Rs. Mn)	Expenditure (Rs. Mn)
117-02-09-01		2506 Infrastructure Development	1,500.0	3,100.3	2,003.8
		Total	1,500.0	3,100.3	2,003.8



Vavuniya-Vavuniya South- Manipuram junction Road



Rathnapura- Opanayake- Dandeniya to Ambegathenne Road

9.0 PROGRESS REVIEW

When considering the last decade, Highways sector has been allocated highest budgetary provision for the year 2018 after 2017 & 2015.

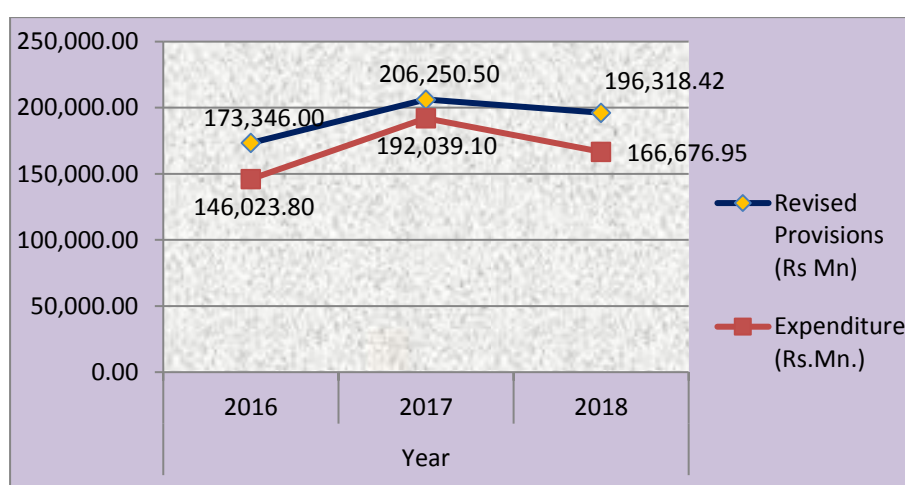
Further clarification on highways sector investment & expenditure can be observed in **Annexure No.19**.

Overall progress review of Highways Sector in 2018 with respect to progress attained in 2017 can be summarized as follows.

9.1. Financial Progress

The Highways sector of the Ministry of Higher Education & Highways has conducted 6 major development programs from the utilizations of the Capital budgetary allocation 2018 and 2017 as Expressway Development programme, Highways Development Programme, Construction of Bridges & Flyovers, Widening & Improvement of Roads, Emergency Assistance Programme and Rural Road Development programme.

Figure 9.1.1 Overall Financial Progress - Highways Sector



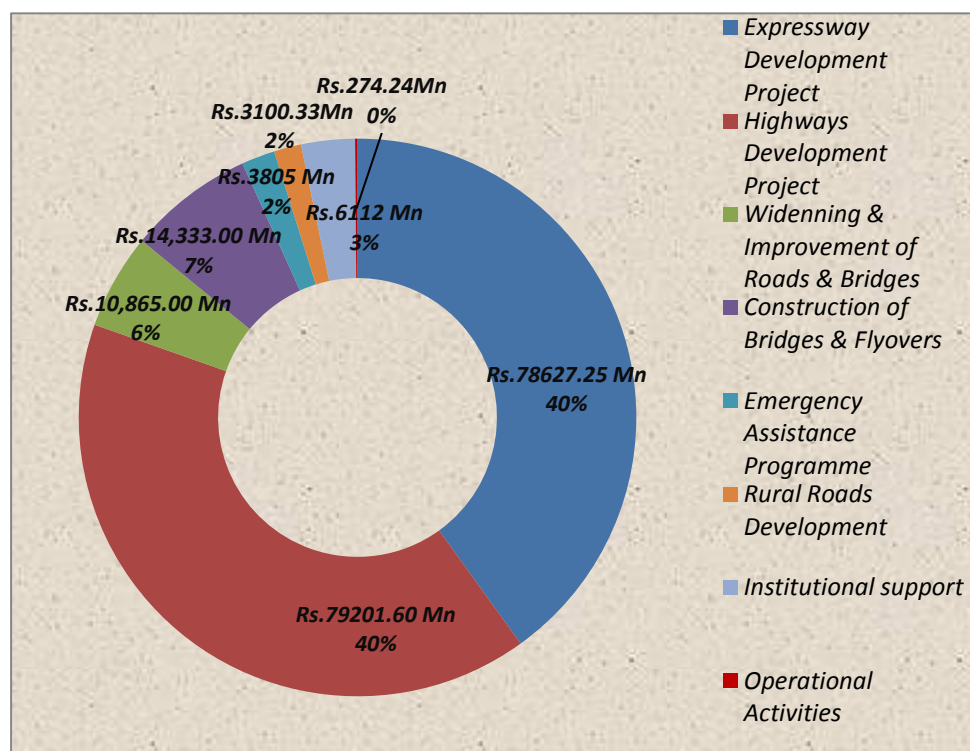
The Highways sector of Ministry of Higher Education & Highways was allocated Rs. 196,318.42 Mn. (Revised allocation) for 2018 whereas 85% was utilized during the year. 93% of revised budgetary allocation has been utilized in 2017 where total expenditure was Rs. 192,039.10 Mn. Highways sector provision for 2018 was less than 2017 provision & but, higher than 2016 provision. Expenditure also was the same pattern. When, we consider the last decade, year 2017 has the highest provision & expenditure for highways sector. Year 2018 has been achieved 85% financial progress where 2017 financial progress was higher with 93%. Mainly inadequate interest was affected for this low financial performance.

Table 9.1.1. Commitment Balance & Outstanding Bills as at 31/12/2018.

Funding Source	Commitment Rs.Mn.	Balance	Outstanding Bills Balance Rs.Mn
Domestic Funds (11/17)		59,988.58	36,956.55
Foreign Funds(12)		71,266.13	49,943.77
Foreign Related Funds(14/18)		218.35	269.70
Total		131,473.05	87,170.02

There were few development projects as, Elevated highway from new Kelani Bridge to Athurugiriya, Port Access Elevated highway project, Base Line Extension& Marine Drive extension up to Panadura which are still at preliminary stages. Therefore for these projects, allocated funds were not fully utilized during the year. The original budget estimate of 2018, (Rs.136,263Mn.) allocated for highways sector has been increased by 44% as at the end of the year. Therefore, Highways& Road Development sector of Ministry of Highways & Road Development and Petroleum Resources Management has been able to achieve 100% financial progress during the year 2018 with respect to original budget estimate.

In addition to, Budgetary provision Rs.125,263.3 another Rs.11Bn was allocated for the highways sector of the ministry through Budget. As well as, during the year, additional allocation was provided (approximately Rs.30 Bn) and there were supplementary allocation (Rs.30 Bn).With all those allocations, 2018 provision was Rs.196,318.38 Mn for Highways sector.

Figure 9.1.2. Composition of the Revised Budgetary Allocation 2018 - Highways Sector

9.1.1. Operational Activities

There are 3 categories/ Items under operational activities. They are,

- Operational Activities of Minister's office
- Operational Activities of state Minister's office
- Operational Activities of Ministry General Administration

Financial progress for operational activities during 2017 & 2018 can be stated as follows.

Table 9.1.2. Financial progress of Operational Activities

Vote Particular	Item	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %
117-1-1	Minister's Office	70.94	66.97	94%	27.82	24.79	89%
117-1-11	State minister's Office	27.17	26.42	97%	25.79	23.85	92%
117-1-2	Ministry General Administration	229.42	184.67	80%	220.63	188.31	85%
Total		327.53	278.06	85%	274.24	236.95	86%

These are the provisions which are used for operational activities of Minister's Office, State Minister's Office and Ministry General Administration to operate these three offices effectively throughout the year. These Provisions are consisted with two main categories as Capital & Recurrent. Generally, Capital Provisions are given for Rehabilitation , Improvement & Acquisition of Capital Assets where Recurrent Provisions are given for Personal Emoluments, Travelling Expenses, Supplies, Maintenance & for other recurrent expenditures arise within the year

Always, ministry has been given larger portion of operational activities for smooth, effective & efficient functioning of the ministry & its' programs & projects. Although, Provisions for 2018 was less than 2017, percentage of utilization is higher. But, less expenditure for the year proves about cost management.

9.1.2. Development Activities

There are 7 categories/ Items under development activities. They are,

- Expressways Development
- Highways Development
- Widening & Improvement of Roads
- Construction of Bridges & Flyovers
- Natural Disaster Affected Roads rehabilitation
- Institutional Support
- Rural Road Development

A. Expressways Development

During year 2018, budgetary allocation was provided for 07 projects under expressways development program where budgetary provisions were utilized for 09 projects during 2017. Overall financial progress of expressways development program were 78% & 96% as at end of 2018 and 2017 respectively. Utilization of budgetary provision as a percentage has been reduced by 18% in 2018 due to insufficient imprest. Although allocation was given, imprest wasn't received on time. Due to issues in foreign financing also cause to report less expenditure where there were considerable amount value of bills in hand as at the end of 2018. If there was sufficient imprest & Interim Payment Certificate (IPC) clearance within the year financial progress would have been reported higher value.

Table 9.1.3. - Overall Financial Progress of Expressway Development Program

Program	2017 Financial Progress			2018 Financial Progress		
	Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
Expressways Development	82,984.10	79,429.20	96%	78,627.25	61,454.94	78%

Out of 7 projects which were given financial provisions, 6 projects were ongoing where Outer Circular Highway Project - II was completed & only bill settlement process was continued during 2018.

Table 9.1.4. - Financial Progress of Expressway Development Program

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-3-5	Outer Circular Highway (OCH) Project II - JICA	450.00	432.00	96%	392.00	376.63	96%
117-2-3-7	Central Expressway Project	2,861.70	2,016.30	70%	7,907.00	7,676.00	97%
117-2-3-9	Extension of Southern Expressway	66,600.4	65,657.60	99%	52,709.5	40,019.94	76%
117-2-3-10	OCH Section from Kadawatha to Kerawalapitiya (GOSL-China)	12,663.0	11,126.40	88%	17,385.0	13,223.59	76%
117-2-3-13	Colombo-Rathnapura - Pelmadulla Expressway	100.00	92.10	92%	90.00	75.30	84%
117-2-3-15	Elevated Highway from New Kelani Bridge to Authurugiriya	186.80	26.80	14%	111.75	53.03	47%
117-2-3-16	Port Access Elevated Highway Project	45.30	24.40	54%	32.00	30.45	95%
	Total	82,907.2	79,375.6	96%	78,627.25	61,454.94	78%

07 projects were allocated Rs. 78,627.5 Mn through the 2018 budgetary provisions, additional allocation & Supplementary budget which have been achieved 78% financial progress at the end of the year 2018. The lowest financial progress was observed by Elevated highway from New Kelani Bridge to Athurugiriya via Rajagiriya since the civil work of the project has not being initiated during 2018. Except that project all the other expressways project have been reported financial progress more than 50% whereas Extension of southern expressway project has the highest expenditure during 2018 due to civil works of all the four sections of this expressway are in there last stages & perform efficiently.

B. Highways Development Program

Under highways development program budgetary provision was allocated for 26 projects in both 2017 & 2018. Total allocation for highways development has been decreased in 2018 than 2017.

Table 9.1.5.- Overall Financial Progress of Highways Development

Program	2017 Financial Progress			2018 Financial Progress		
	Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %
Highways Development	80,994.1	76,589.2	95%	79,201.60	72,218.51	91%

Out of all 26 projects 5 projects have been utilized all the provisions given for the year where another 12 projects were performed financial progress more than 80% during 2018. From the remaining, 5 projects were continued with financial performance more than 50%.

Only 4 projects were reported with financial progress less than 50%. Least financial progress was reported by Base Line Extension Project which was temporally stopped due to Court decision in first few months of the year. 6 Annual programs were carried out in 2018 under Highways Development Program. They are maintenance of roads and bridges (RMFTF), Traffic Management and Road Safety, Traffic Management in Greater Colombo area, Government Guaranteed Local Bank Funded Road Rehabilitation Project, Land Acquisition for Completed & Ongoing Projects & Machinery, R & D, Survey & Invest, Training Provisions as well as the expenditure of 2018 less than the 2017. But, financial progress was affected by imprest receiving issues. So, if there was sufficient imprest expenditure value would be arisen than this.

Table 9.1.6- Financial Progress of Highways Development Projects

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %
117-2-4-1	Maintenance of roads and bridges(RMFTF)	4,000.00	3,638.60	91%	5,385.00	4,360.00	81%
117-2-4-10	Baseline Extension – phase 3	25.00	15.60	62%	105.00	10.85	10%
117-2-4-13	Padeniya Anuradhapura Road	5.00	5.00	100%	1.00	1.00	100%
117-2-4-18	Hatton - NuwaraEliya Road - EDCF	50.70	18.50	36%	30.60	30.60	100%

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-4-21	Traffic Management and Road Safety	25.00	8.50	34%	19.00	16.36	86%
117-2-4-22	Traffic Management in Greater Colombo area	25.00	25.00	100%	41.50	37.44	90%
117-2-4-23	Peradeniya - Badulla Road from Badulla to Chenkalady(SF D)	1.50	1.30	87%	1,215.00	694.58	57%
117-2-4-28	National Highway Sector Project (Supplementary Loan-ADB)	284.50	280.70	99%	100.00	100.00	100%
117-2-4-29	Road Network Development Project (GOSL-SFD)	426.20	406.20	95%	163.25	47.70	29%
117-2-4-30	Northern Road Connectivity Project-Supplementary (GOSL-ADB)	706.00	584.65	83%	828.00	708.57	86%
117-2-4-31	Road Network Development Project (GOSL-OFID)	309.60	181.10	58%	275.00	145.51	53%
117-2-4-32	Colombo District Road Development Project (GOSL-OFID)	2,067.30	2,003.12	97%	1,661.00	1,461.06	88%
117-2-4-39	Priority Road Project-Extension (GOSL-CDB)	7,900.00	7,611.60	96%	3,465.00	3,420.91	99%
117-2-4-40	Western Province National Highways(GOS L-OFID)	457.30	32.40	7%	1,222.70	1,022.50	84%
117-2-4-41	Peradeniya - Badulla Road from Badulla to Chenkalady(GO SL-OFID)	2,145.50	2,084.50	97%	1,765.00	1,437.26	81%

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-4-42	Expressways Connectivity Improvement Plan Project	285.00	72.33	25%	99.50	60.39	61%
117-2-4-43	Southern Road Connectivity Project (GOSL-ADB)	2,215.00	1,789.50	81%	2,829.05	2,473.37	87%
117-2-4-44	Integrated Road Investment -(I Road)(GOSL-ADB)	18,837.70	18,544.40	98%	16,559.00	13,933.00	84%
117-2-4-45	Widening& Improvement of Roads & Bridges in Central &Uva Provinces(GOS L,CDB-Hunan Branch)	-	-	-	1,902.00	1,901.42	100%
117-2-4-46	Rehabilitation & Improvement Priority Road Project-3-Phase II (GOSL-CDB)	7,200.00	5,991.10	83%	4,470.00	3,654.21	82%
117-2-4-47	Transport Project Preparatory Facility (GOSL -ADB)	280.00	92.30	33%	279.00	208.04	75%
117-2-4-48	Transport Connectivity & assets Mgt Project (GOSL - WB)	80.00	63.80	80%	92.00	31.22	34%
117-2-4-51	Government Guaranteed Local Bank Funded Road Rehabilitation Project	30,323.40	30,320.70	100%	35,200.00	35,194.90	100%
117-2-4-52	Land Acquisition for Completed & Ongoing Projects	2,350.00	2,230.30	95%	1,145.00	1,089.44	95%
117-2-4-53	Machinery, R & D, Survey & Invest., Training	100.00	51.50	52%	149.00	101.98	68%
	Total	80,249.70	76,067.70	95%	79,201.60	72,218.51	91%

There were few projects which were physically completed & only bill settlement process is remained during 2018 as follows.

- National Highway Sector Project
- Padeniya Anuradhapura Road Rehabilitation Project
- Hatton - NuwaraEliya Road - EDCF
- Northern Road Connectivity Project – ADB
- Road Network Development Project (GOSL-SFD)
- Northern Road Connectivity Project-Supplementary (GOSL-ADB)
- Road Network Development Project (GOSL-OFID)

C. Widening & Improvement of Roads

The overall financial progress obtained for the programme for 2018 can be summarized as follows.

Table 9.1.7. Overall Financial Progress of Widening & Improvement Program

Program	2017 Financial Progress			2018 Financial Progress		
	Revised Provision Rs. Mn.	Expenditure Rs. Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
Widening & Improvement	10,734.4	9,211.5	86%	10,865.00	7,558.99	70%

This program was allocated more than Rs.10 Bn for 2017 & 2018. Financial progress of 2018 is less than 2017 due to low expenditure value. But, there were bills in hand as at the end of December 2018. Sufficient imprest was not provided to settle the bills during the year.

Table 9.1.8. Provincial Financial Progress of Widening & Improvement Program

Vote code	Province	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure re Rs.Mn.	Progress %
117-2-5-01,2,3	Western Province	1,361.67	990.18	73%	2,217.00	756.99	34%
117-2-5-04,5,6	Central Province	534.70	436.13	82%	1,018.00	473.51	47%
117-2-5-07,8,9	Southern Province	734.30	647.43	88%	914.00	559.25	61%
117-2-5-10, 11,12,13, 14	Northern Province	1,003.65	975.17	97%	807.00	592.88	73%

Vote code	Province	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-5-15,16,17	Eastern Province	367.30	367.30	100%	318.00	284.27	89%
117-2-5-18, 19	North Western Province	665.01	607.79	91%	759.10	595.35	78%
117-2-5-20,21	North Central Province	666.29	666.29	100%	587.90	494.13	84%
117-2-5-22,23	Uva Province	264.86	231.67	87%	319.00	177.83	56%
117-2-5-24,25	Sabaragamuwa Province	325.00	374.90	115%	425.00	335.04	79%
117-2-5-26	Tax Component	714.57	714.57	100%	800.00	589.74	74%
117-2-5-29	NSB funded Projects	4,100.00	3,300.00	80%	2,700.00	2,700.00	100%
	Total	10,737.40	9,211.50	86%	10,865.00	7,558.99	70%

D. Construction of Bridges & Flyovers

Table 9.1.9. Overall Financial Progress of Construction of Bridges& Flyovers Program

Programme	2017 Financial Progress			2018 Financial Progress		
	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
Construction Of Bridges & Flyovers	19,774.4	17,556.8	89%	14,333.0	13,311.00	93%

Under this program 11 projects were allocated budgetary provisions in 2018-Budgetary provisions for the programme have decreased in 2018-for this programme while financial progress is higher than 2017.

Table 9.1.10. Financial Progress of Construction of Bridges & Flyovers Program

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-6-8	Reconstruction of Damaged / Weak bridges	274.00	224.00	82%	400.00	243.68	61%
117-2-6-14	Construction of Rural Bridges using Old Bridges	300.00	157.00	52%	343.00	221.20	64%
117-2-6-16	Regional Bridge Project UK-11	981.90	940.90	96%	346.00	346.00	100%
117-2-6-17	Bridge Rehabilitation -25 Bridges- Kuwait	287.00	254.60	89%	345.00	279.21	81%
117-2-6-18	Reconstruction of 46 Bridges (GOSL-French)	280.00	272.50	97%	119.00	118.50	100%
117-2-6-19	Major Bridges Construction Pro. Of National Road Network (JICA)	2,994.50	2,861.60	96%	2,247.00	2,212.24	98%
117-2-6-20	Construction of Kochchikade Bridge on Peliyagoda-Puttalm (Austria)	1,400.00	648.20	46%	437.00	435.60	100%
117-2-6-21	Second New Kelani Bridge (GOSL-JICA)	8,750.00	8,015.40	92%	9,160.00	8,525.39	93%
117-2-6-23	Rehabilitation of Thattuthurai Causeway & Road (SFD)	24.60	21.90	89%	5.00	2.73	55%
117-2-6-24	Construction of 03 Fly Overs at Rajagiriya, Polgahawela & Ganemulla	4,454.90	4,140.60	93%	916.00	914.18	100%
	Total	19,774.4	17,556.80	89%	14,333.0	13,311.00	93%

Under this program, there were 3 Annual projects ; Reconstruction of Damaged / Weak bridges , Construction of Rural Bridges using Old Bridges & Establishment Of Bridge Maintenance System & (BAU) in the RDA. Only bill settlement process of Rehabilitation of Thattuthurai Causeway & Road and Construction of 03 Fly Overs at Rajagiriya, Polgahawela & Ganemulla projects were carried out during 2018.

Out of all projects conducted in 2018, 7 bridge construction projects have been achieved higher financial progress during 2018 than 2017.

E .Emergency Assistance Programme

Under this program only one project was implemented during 2018. That was “Landslide disaster protection program for national roads”. Although budgetary provisions were allocated for two projects, “Pro-poor Eastern” project was a completed project where bill settlement process was continued in 2018.

Table 9.1.11. Overall Financial Progress of Emergency Assistance Program

Program	2017 Financial Progress			2018 Financial Progress		
	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
Emergency Assistance Program	2,548.0	1,353.2	53%	3805.0	3780.75	99%

Table 9.1.12. Financial Progress of Emergency Assistance Program

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %
117-2-7-8	Pro- Poor Infrastructure Development Project	500.0	-	-	723.0	722.52	99%
117-2-7-13	Landslide Disaster Protection Project of National Road Network	2,048.0	1,353.2	66%	3,082	3,058.22	99%
	Total	2,548.0	1,353.2	53%	3,805.0	3,780.75	99%

Overall financial progress of this program is higher than in 2018 than 2017. Although, budgetary provisions was given for Pro- poor Infrastructure Development Project, it was not utilized in 2017 where in 2018 that project utilized its' provisions by 99%.

F. Institutional Support

Under institutional support only one item has allocated for 2017 & 2018 where 3 of the items which received allocations during 2016 were transferred to another vote codes. Therefore financial progress of the programme was attained with respect to the financial progress of Operational cost of Road Development Authority (Capital).

Table 9.1.13. Financial Progress of Institutional Support Program

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Progress %
117-2-8-1	Operational cost of RDA - Capital	6,110.0	6,108.8	99%	6,112	6,112	100%
	Total	6,110.0	6,018.8	99%	6,112	6,112	100%

The overall financial progress achieved by the programme during 2017 was 99% where it was reported as 100% for the year 2018. The budgetary provisions for the operational cost of Road Development Authority has fully utilized for year 2018.

G. Rural road re-awakening program

2018 budgetary provision for this program was little bit less than 2017—financial progress attained for 2017 was 46% while 65% was obtained for 2018. Although, provisions for 2018 was less than 2017, expenditure higher than 2017.

Table 9.1.14. Financial Progress of Rural road re-awakening program

Vote code	Project Name	2017			2018		
		Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %	Revised Provision Rs. Mn.	Expenditure Rs.Mn.	Financial Progress %
117-2-9-1	Rural Road Re-awakening Programme	3,275.0	1,512.0	46%	3,100.	2,003.81	65%

Although Total expenditure for 2018 is less than 2017, the projects were committed in an effective manner and there were many bills to settle as at the end of the year. Sufficient imprest wasn't there to be settling all the outstanding bills.

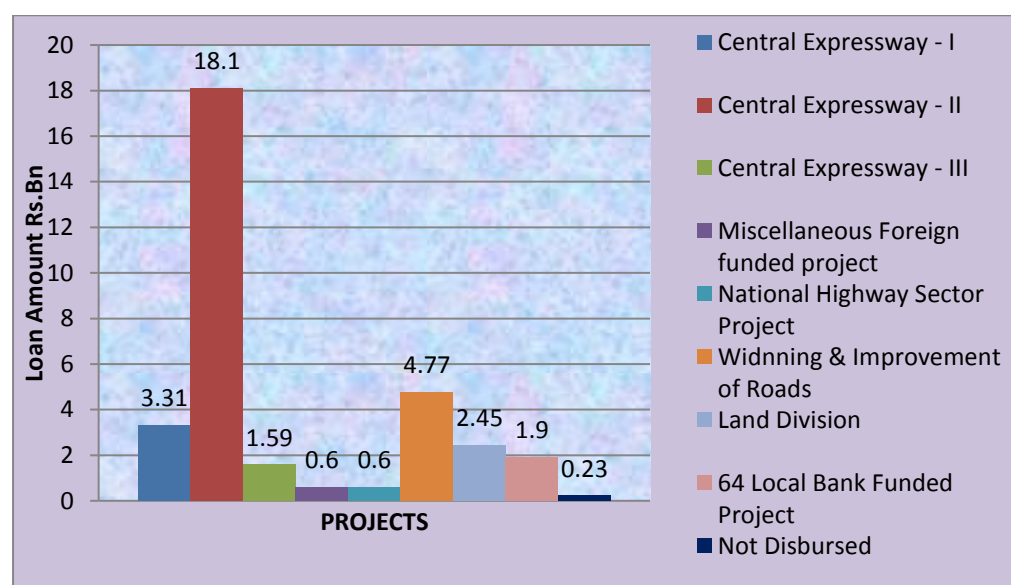
9.1.3. Local Bank Loans

There are few road development projects which were taken Local Bank financial support with General Treasury Guarantee. This financing method specially occurred when there weren't foreign donor for some projects. As well as, Local Bank loans were taken for the projects which are funded by foreign agencies, when there were financial shortage specially for land acquisition & other components which are generally funded by Government of Sri Lanka.

RDA has borrowed local bank loans for the first time for "64 Local Bank funded project" at 2011. Since, more than 10 projects have been financed by Local Banks. From those, 64 Local Bank funded project and Central Expressway II projects are funding through Local Bank Loans without any foreign financing.

During 2018, the loans has been taken only from Bank of Ceylon for the Central Expressway I, II & III, Miscellaneous Foreign funded project, Widening & Improvement of Roads, RDA land division for land compensation payments, 64 Local Bank Funded projects. Total Loan Amount was Rs.33.5Bn in 2018 where only Rs.30.95Bn was disbursed during year 2018 for above mentioned projects & activities. Figure 9.1.3.1 was illustrated that the disbursement of Local Bank Loans in 2018, according to project wise.

Figure. 9.1.3.1 - Disbursement of Local Bank Loans according to project wise during 2018.



Largest portion of local bank loans was disbursed for Central Expressway II project where both MFAP and NHSP are the projects which have been disbursed least loan amount as Rs.0.6Bn for each. And also, another Rs.0.23 Bn. was not disbursed during 2018.

From 2011 to end of 2018, approximately Rs. 239,125.38 Mn has been borrowed from Local Banks for road development projects. Those Contribution of Local Banks can be shown in figure 9.1.3.2.& Table 9.1.3.1. Given below.

Figure 9.1.3.2. Contribution of local banks for loans to Road Development Projects

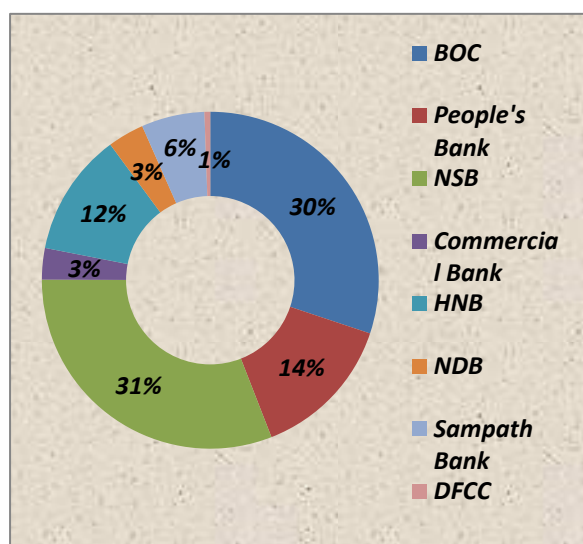


Table 9.1.15.1. Contribution of Local Banks

Bank Name	Loan Amount (Rs.Bn.)
Bank Of Ceylon	72.02
People's Bank	33.38
National Savings Bank	74.07
Commercial Bank of Ceylon PLC	7.21
Hatton National Bank PLC	28.26
Natinal Development Bank PLC	8.35
SampathBank PLC	14.5
DFCC Bank PLC	1.33
Total	239.12

According to above figure, National Savings Bank has lent highest loan facility where Bank of Ceylon is the next. States Bank has been provided more loans. But, there is few private owned banks which were provide loans. Further details of local bank loans is been mentioned in Annexure No 20

9.2. Physical Progress

A. Expressways Development

There were 06 projects which were carried out under Expressway Development Program utilizing the budgetary provisions in 2018. Comparison of Physical progress of Expressways Development Projects has been mentioned in Table 9.2.1.given below.

Table 9.2.1. Physical Progress of Expressway Development Program

No	Project Name	Cumulative Physical progress as at 31/12/2016	2017		2018		Cumulative Physical Progress as at 31/12/2018
			Overall Physical Target	Overall Physical Progress	Overall Physical Target	Overall Physical Progress	
1	Central Expressway Project		Land Acquisition Process	Land Acquisition Process			Land Acquisition Process
		Section 1-62% Section 2-49% Section 3-58% Section 4-8%	Section 1-38% Section 2-30% Section 3-30% Section 4-53%	Section 1-18% Section 2-15% Section 3-13% Section 4-45%	Section 1-20% Section 2-45% Section 3-30% Section 4-40%	Section 1-6% Section 2-23% Section 3-13% Section 4-15%	Section 1-86% Section 2-87% Section 3-84% Section 4-68%
		Civil works not commenced	Civil Work Section 1 - 20% Section 2 - 0%	Civil work Section 1 - 1% Section 2 - 7%	Civil work Section 1 - 25% Section 2 - %	Civil work Section 1 - 4% Section 2 - 45%	Civil Work Section 1 - 5% Section 2 - 52%
2	Extension of Southern Expressway	Section 1 - 16%.	Section 1-33%	Section 1-36%	Section 1-42%	Section 1-30%	Section 1-82%
		Section 2-4%	Section 2-32%	Section 2-25%	Section 2-46%	Section 2-25%	Section 2-54%
		Section 3-18%	Section 3-62%	Section 3-27%	Section 3-51%	Section 3-44%	Section 3-89%
		Section 4-14%	Section 4-57%	Section 4-48%	Section 4-29%	Section 4-24%	Section 4-86%
3	OCH Section from Kadawatha to Kerawalapitiya (GOSL-China)	11%	34%	32%	50%	41%	84%
4	Colombo-Rathnapura - Pelmadulla Expressway		Land Acquisition Process-18%	Land Acquisition Process - 18%, Procurement works Section I - 35%	Land Acquisition process - 40%	Land Acquisition Process - 2%, Procurement works Section I - 35%	Land Acquisition Process - 20%, Procurement works Section I - 70%

No	Project Name	Cumulative Physical progress as at 31/12/2016	2017		2018		Cumulative Physical Progress as at 31/12/2018
			Overall Physical Target	Overall Physical Progress	Overall Physical Target	Overall Physical Progress	
5	Elevated Highway from New Kelani Bridge to Authurugiriya		Procurement of Investor Section I - 55%	Land Acquisition Process(Survey)-10%, Procurement of Investor Section I - 50%	Land Acquisition Process(Survey) Section I - 90%, Procurement of Investor Section I- 50%	Land survey section I- 10%, Procurement of Investor Sec.I -20%	Land acquisition process (Survey) - 20%, Procurement of Investor Sec.I - 70%
6	Port Access Elevated Highway Project			Detail design -70%	Civil works 10% Detail design - 30%	Civil works - 0% Detail design - 30%	Civil Works - 0% Detail design - 100%

During 2018, civil works of all 4 sections of Extension of Southern Expressway project were continued where civil work construction of section 1 & section 2 of the central expressway has continued.

Although the civil work of section 1 of the Central expressway has commenced and it was extremely low. The major reason for this low progress was that the loan agreement for the section has not signed even within 2018 also. Land acquisition process of Central Expressway project was carried out during 2018 also for all 4 sections. Civil works of "Colombo- Rathnapura - Pelmadulla Expressway, Elevated Highway from New Kelani Bridge to Authurugiriya, Port Access Elevated Highway Project" were not commenced during 2018. For Colombo- Rathnapura -Pelmadulla Expressway project the land acquisition process has initiated pertaining to 20% of cumulative progress as at end of 2018. The two elevated highway projects were under their preliminary initial stages within 2018.

B. Highways Development

Table 9.2.2. Physical Progress of Highways Development Program

No	Project Name	Cumulative Physical progress as at 31/12/2016	2017		2018		Cumulative Physical Progress as at 31/12/2018
			Overall Physical Target	Overall Physical Progress	Overall Physical Target	Overall Physical Progress	
1	Baseline Extension	Land Acquisition Process - 48%	The land acquisition process had been temporary stopped from December 2016 to May 2018 due to Appeal Court order		52%	2%	Land Acquisition Process - 50%, Civil works not yet commenced
2	Peradeniya - Badulla Road from Badulla to Chenkalady(SFD) & (OFID)	Civil Works not commenced as at 31/12/2016	SFD – 15% OFID – 41%	SFD- 0% OFID- 6%	SFD – 8% OFID – 25%	SFD- 3% OFID- 10%	SFD- 3% OFID- 16%
3	Northern Road Connectivity Project- Supplementary (GOSL-ADB)	Completed 9 contract packages.1 package to be completed	83%	49%	20%	50%	99%
4	Road Network Development Project (GOSL-OFID)	CP I,II,III, IV - 100%,CP V– Commence in 2017	CP V– Commence in 2017	CP V - 5%	Cp V- 55%	CP V - 30%	CP I,II,III, IV - 100% CP V - 35%.
5	Colombo District Road Development Project (GOSL-OFID)	Contract Package I - 100%, Contract Package II - 37%	Land Acquisition – 48% Civil works - 20%	Land Acquisition – 52% Avearge civil work progress 10% , Kotte - Bope Road- 14%,Kottawa Thalagala Road - 12%	Orugodawatta - batale Road- 45%, Kotte - Bope Road- 55%, Kottawa Thalagala Road - 51%	Orugodawatta - batale Road- 23%, Kotte - Bope Road- 32%, Kottawa Thalagala Road- 14%	Package I,II - 100%,Orugodawatta - batale Road- 23% Kotte - Bope Road-46% KottawaThalagala Road- 26%

No	Project Name	Cumulative Physical progress as at 31/12/2015	2017		2018		Cumulative Progress as at 31/12/2018
			Overall Physical Target	Overall Physical Progress	Overall Physical Target	Overall Physical Progress	
6	Priority Road Project-Extension (GOSL-CDB)	87 %	13%	7%	6%	5%	99%
7	Western Province National Highways(GOSL-OFID)	Civil works commence in 2017	CP II- 2%	CP II - 2%	CP I - 25% , CP II - 55%	CP I - 11% , CP II - 48%	CP I -11% , CP II - 50%
8	Southern Road Connectivity Project (GOSL-ADB)	47%	CP01 -6% CP02-40% CP03-35% CP04-20%	CP01-6% CP02-25% CP03-42% CP04-17%	CP02-47% CP03-49% CP04-83%	CP02-58% CP03-49% CP04-49%	CP01 -100% CP02-80% CP03-100% CP04-66%
9	Integrated Road Investment -(I Road)(GOSL-ADB)	30%	47%	32%	28%	20%	82%,
10	Rehabilitation & Improvement Priority Road Project-3-Phase II	4%	77%	72%	24	24	100%
11	Marine Drive Extension up to Panadura	Civil works yet to be commenced					

During 2017, as well as 2018 some contract packages under various highways projects were commenced. Such as Western Province National Highways Project, Road Network Development Project (GOSL-OFID), Peradeniya - Badulla Road from Badulla to Chenkalady(SFD) & (OFID). Civil works of Marine Drive Extension up to Panadura Project & Baseline Extension Project were not commenced in 2018 also.

National Highway Sector Project, Padeniya Anuradhapura Road rehabilitation project ,Road Sector Assistance Project (II) - WB, Northern Road Connectivity Project - ADB, Priority Road Project-CDB-1, Priority Road Project-CDB-11, Road Network Development Project (GOSL-SFD), National Highway Sector Project (Supplementary Loan-ADB) were completed as at 1/1/2017 where bill settlement process of those projects was carried out during 2018 and Priority Road Project 3 Phase II was completed during 2018.

C. Construction of Bridges & Flyovers**Table 9.2.4. Physical Progress of Construction of Bridges & Flyovers**

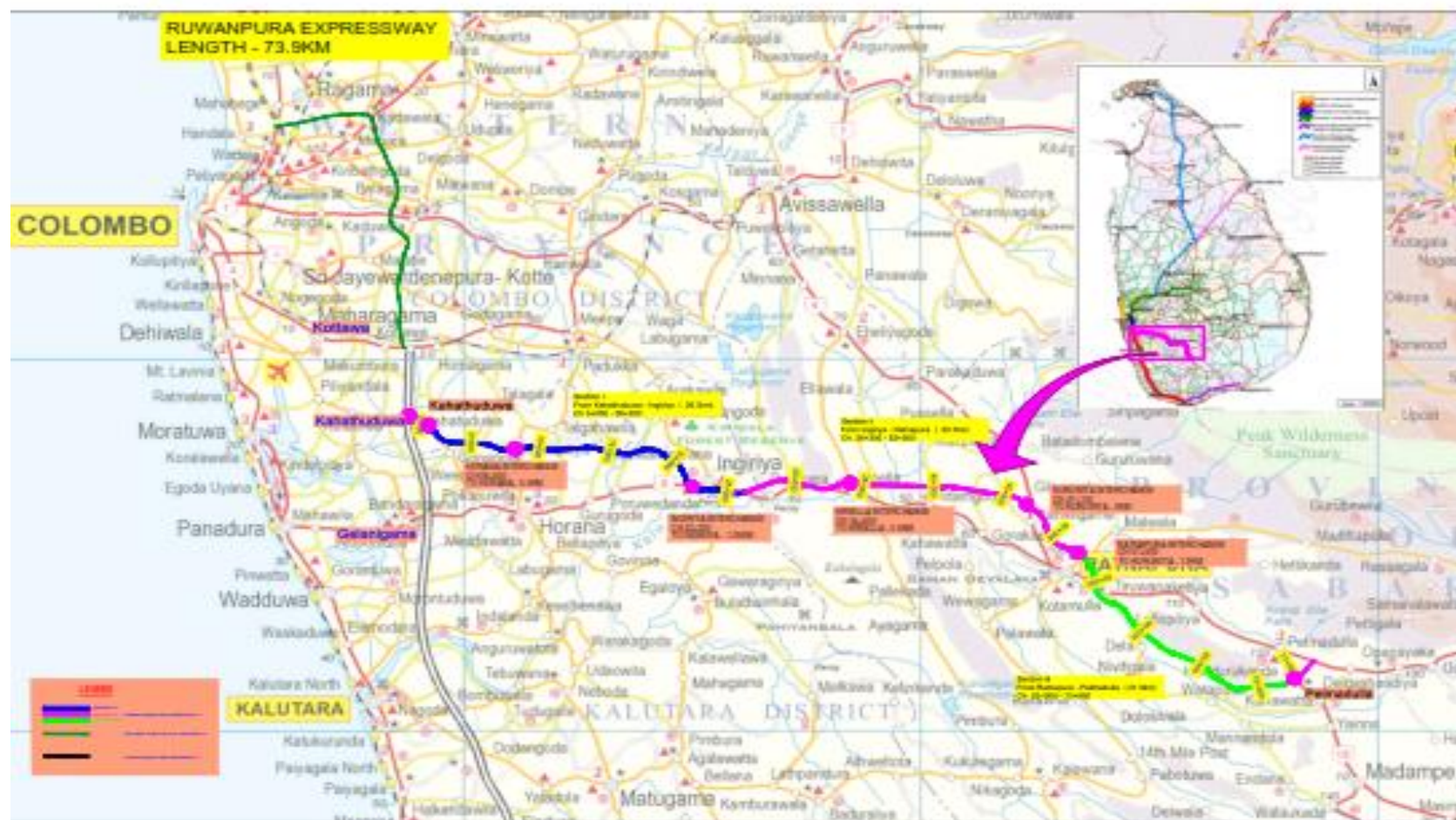
No	Project Name	Cumulative Physical progress as at 31/12/2015	2017		2018		Cumulative Progress as at 31/12/2018
			Overall Physical Target	Overall Physical Progress	Overall Physical Target	Overall Physical Progress	
1	Regional Bridge Project UK-11	92%	8%	5%	3%	2%	99%
2	Bridge Rehabilitation -25 Bridges- Kuwait	28%	66%	12%	38%	27%	67%
3	Reconstruction of 46 Bridges (GOSL-French)	93%	7%	7%	100% as at end of 2017.		
4	Major Bridges Construction Pro. Of National Road Network (JICA)	Package 1- 73%	Package 1 – 25% Package 2- 61%	Package 1- 25% Package 2- 43%	Package 1 – 2% Package 2- 57%	Package 1- 2% Package 2- 57%	Package 1- 100% Package 2 -100%
5	Construction of Kochchikade Br on Peliyagoda-Puttalm (Austria)	22%	60%	43%	35%	35%	100%
6	Second New Kelani Bridge (GOSL-JICA)	Civil works of bridge construction has commenced in 2017	S II- 20%	S II- 3%	S I- 25, S II - 32%	S I -10% S II - 28%	S I -10% S II - 31%
7	Construction of 03 Fly Overs at Rajagiriya, Polgahawela&Ganemulla	54%	46%	45%	1%	1%	100%

During year 2018, Package I & II of major bridge construction project, Kochchikade bridge were completed where Second new kelani bridge projects' civil works was carried out mainly through out the year.

ANNEXES

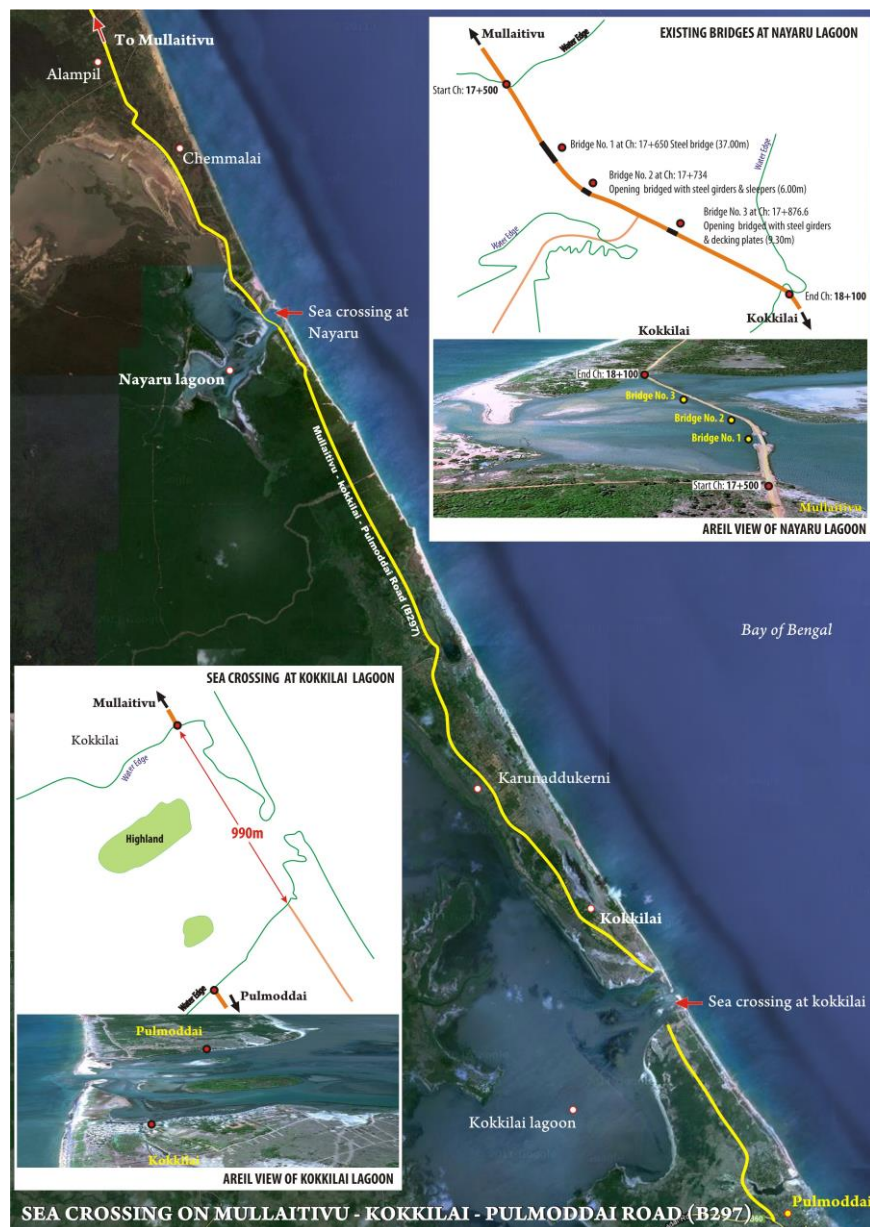
Annexure - 01

A map of Ruwanpura Expressway



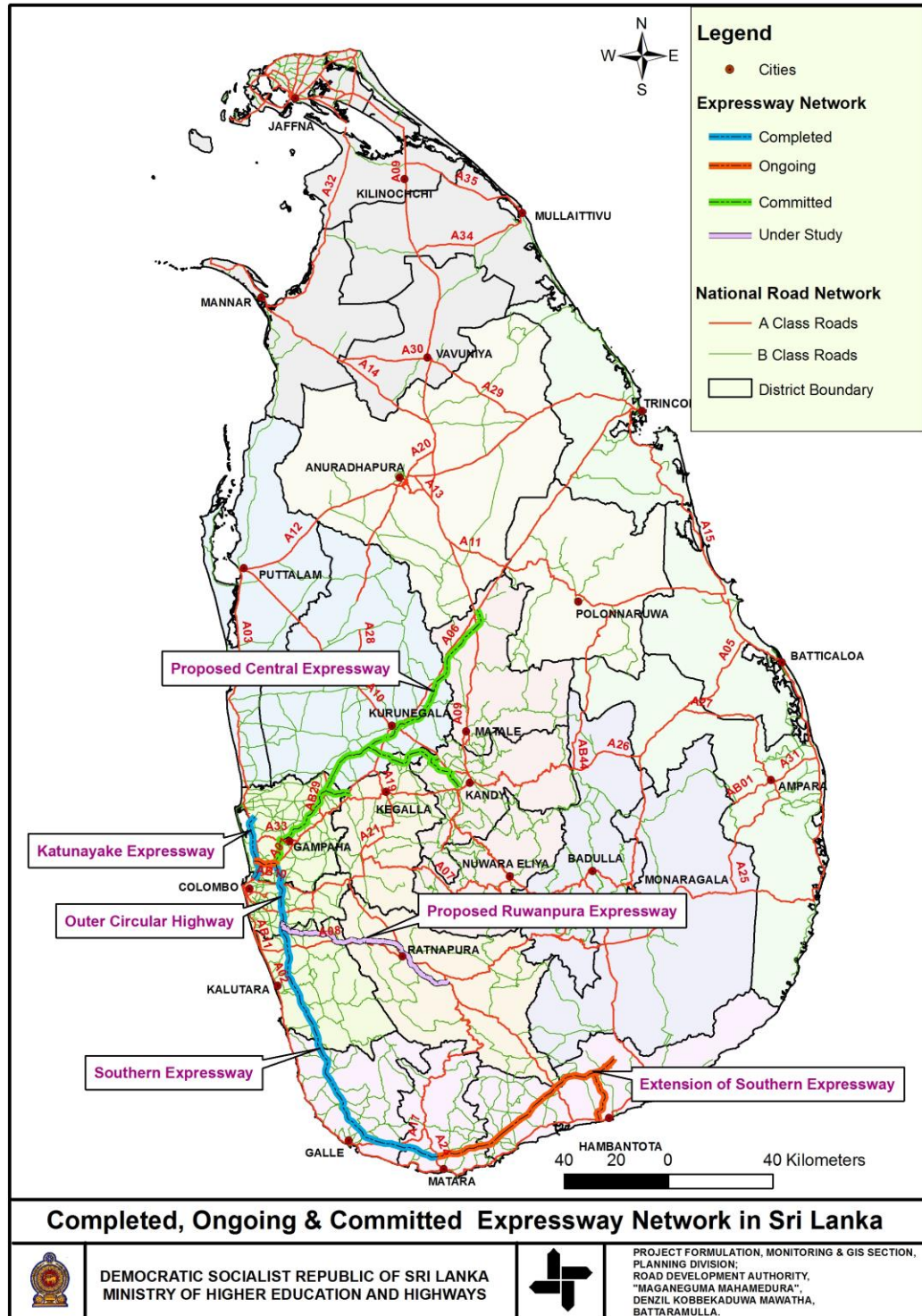
Annexure 02

Location Map of Kokilai Bridge



Annexure - 03

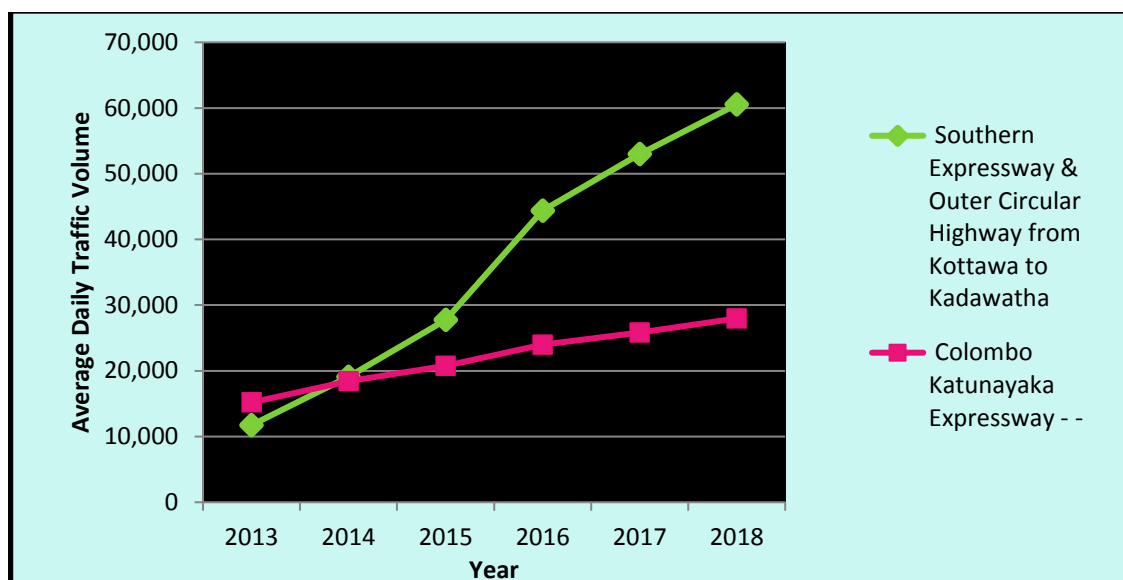
Expressways Network in Sri Lanka



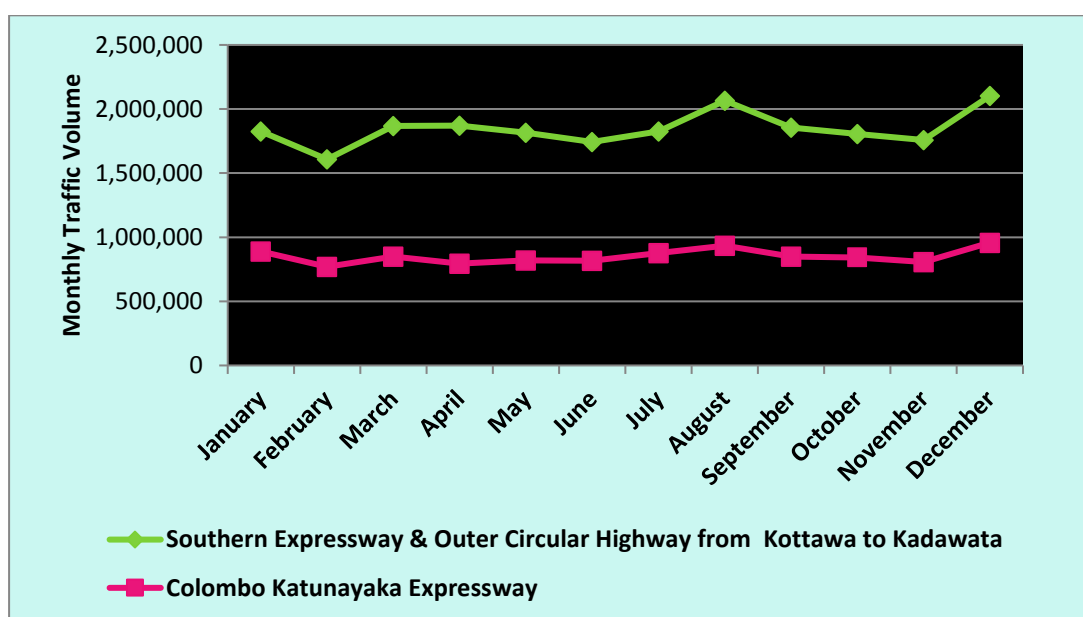
Annexure - 04

Traffic Volume & Toll Revenue of Expressway

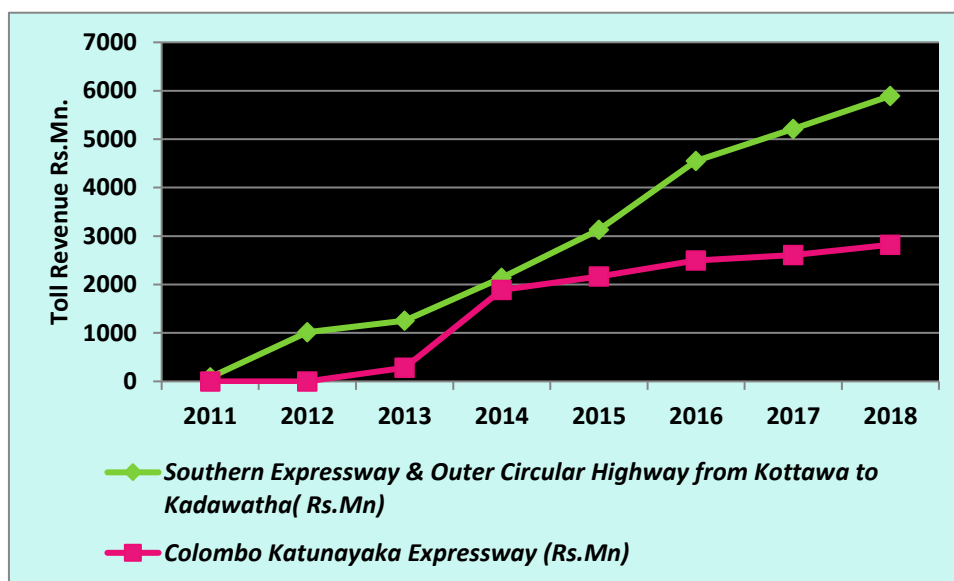
(a) Comparison of Average Daily Traffic Volume of Southern Expressway & Outer Circular Highway from Kottawa to Kadawtha and Colombo Katunayake Expressway



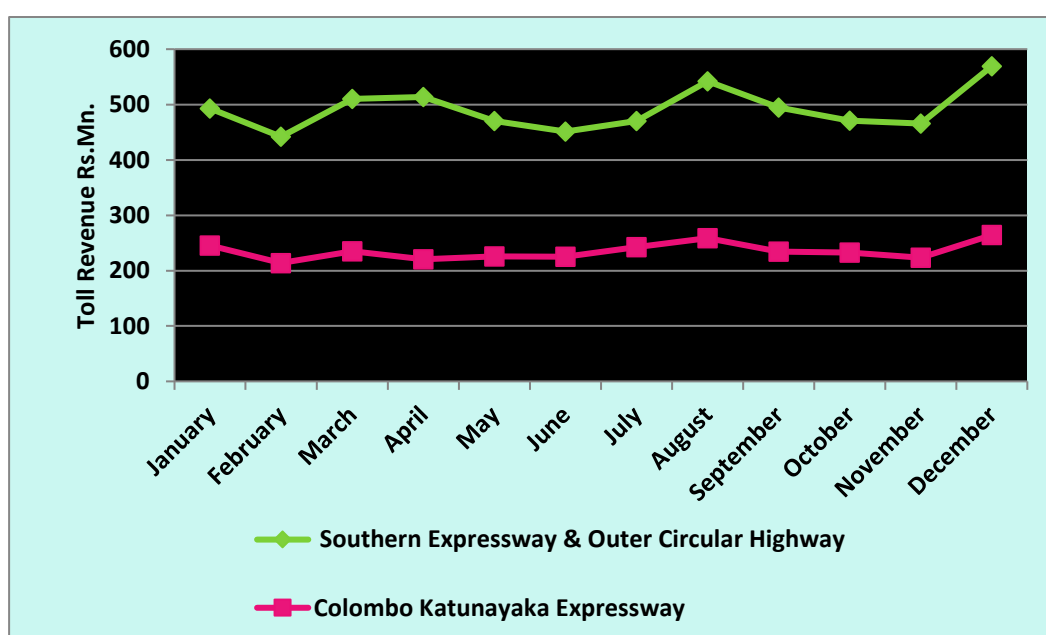
(b) Comparison of Monthly Traffic Volume of Southern expressway & Outer Circular Highway from Kottawa to Kadawatha and Colombo Katunayake Expressway



(c) A Comparison of Total Revenue of Southern Expressway & Outer Circular Highway From Kottawa to Kadawatha and Colombo Katunayake Expressway



(d) A Comparison of Monthly Toll Revenue of Southern Expressway & Outer Circular Highway from Kottawa to Kadawatha and Colombo Katunayake Expressway



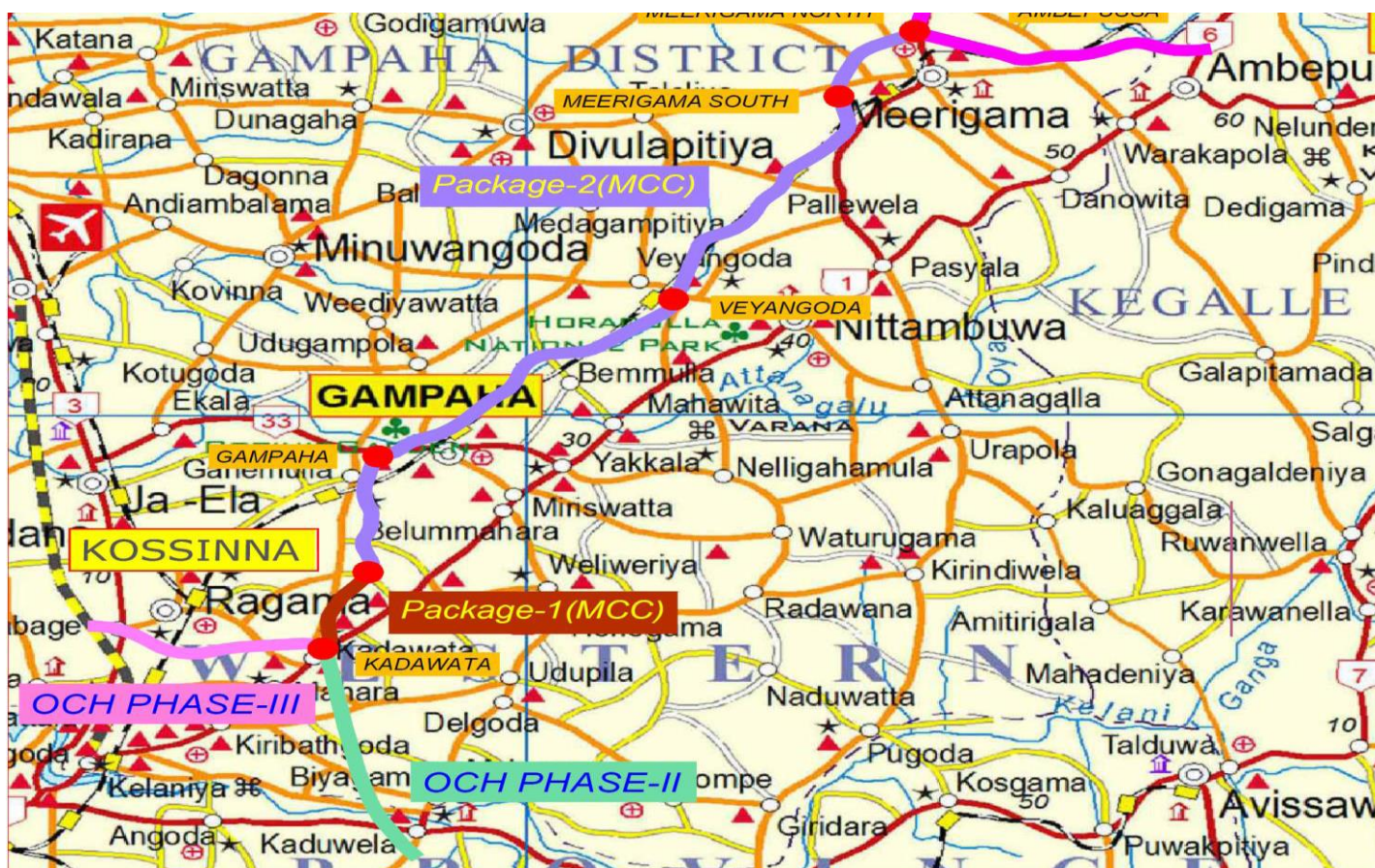
Location Map of Outer Circular Highway Phase III



Annexure – 06

A Map of Central Expressway

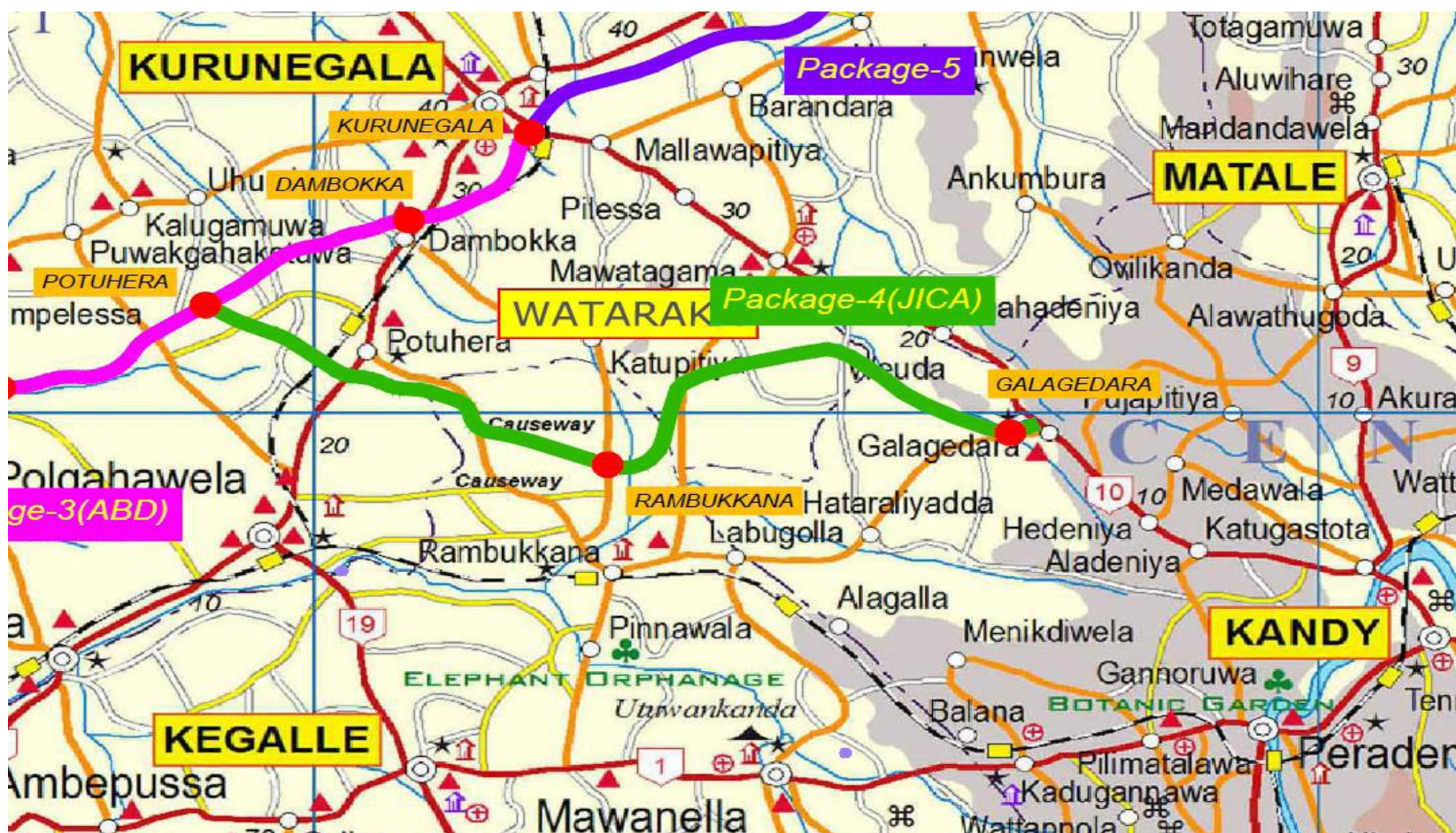
(A) Section I: Kadawatha to Mirigama



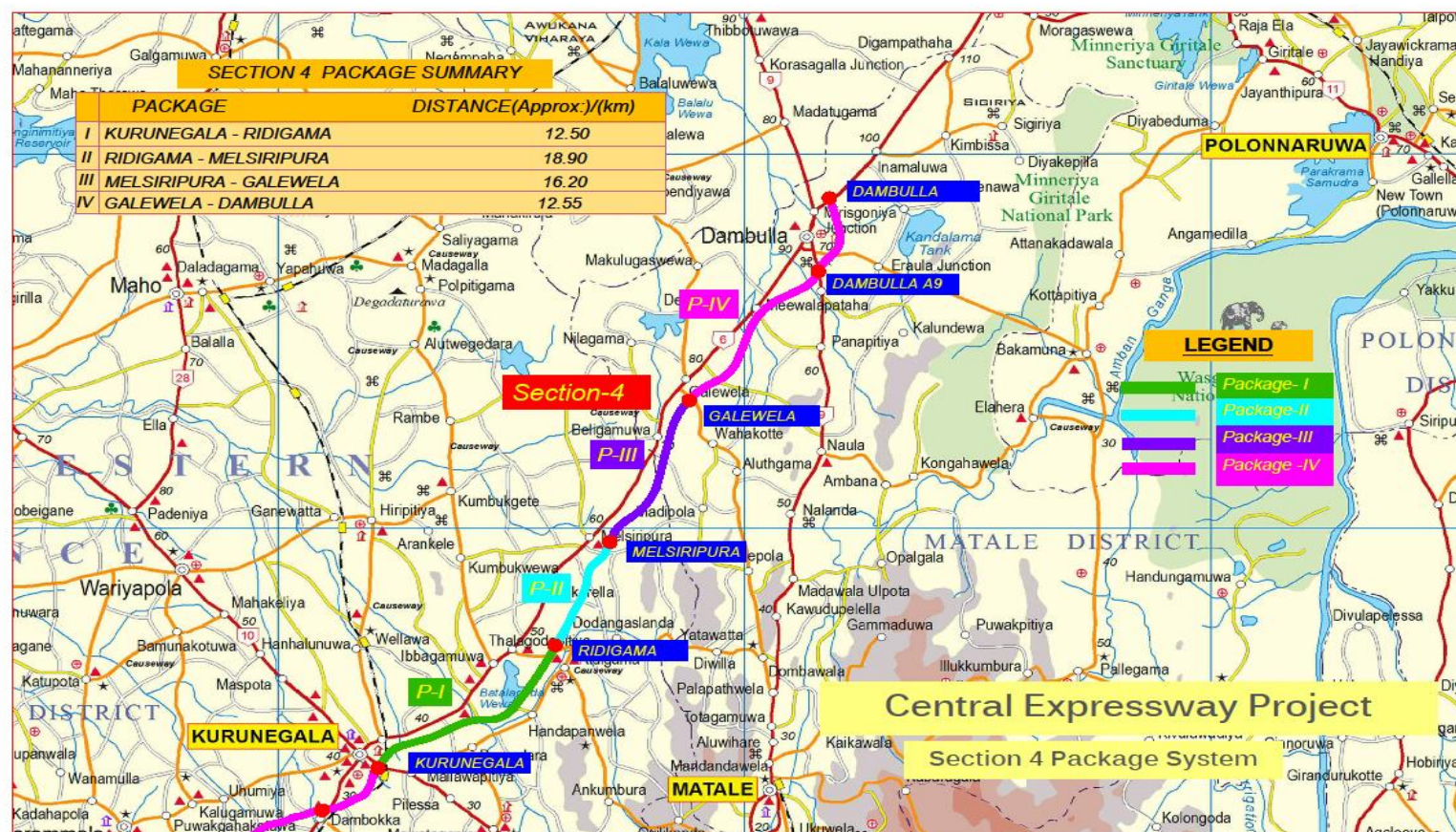
(B) Section II: Mirigama to Kurunegala with Ambepussa



(C) Section III: Pothuhera to Galagedara



(D) Section IV: Kurunegala to Dambulla



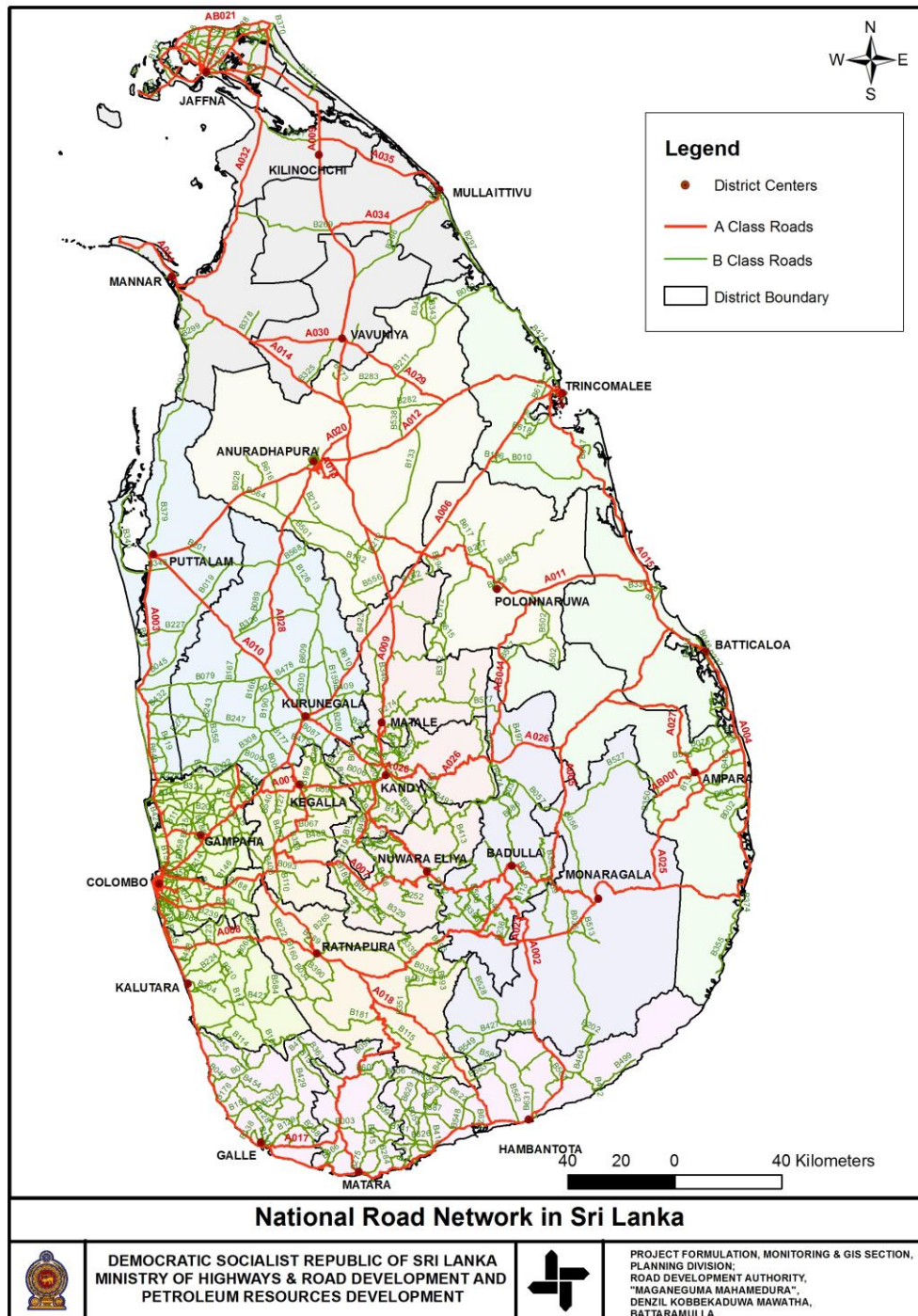
Annexure - 07

Map of Extension of Southern Expressway



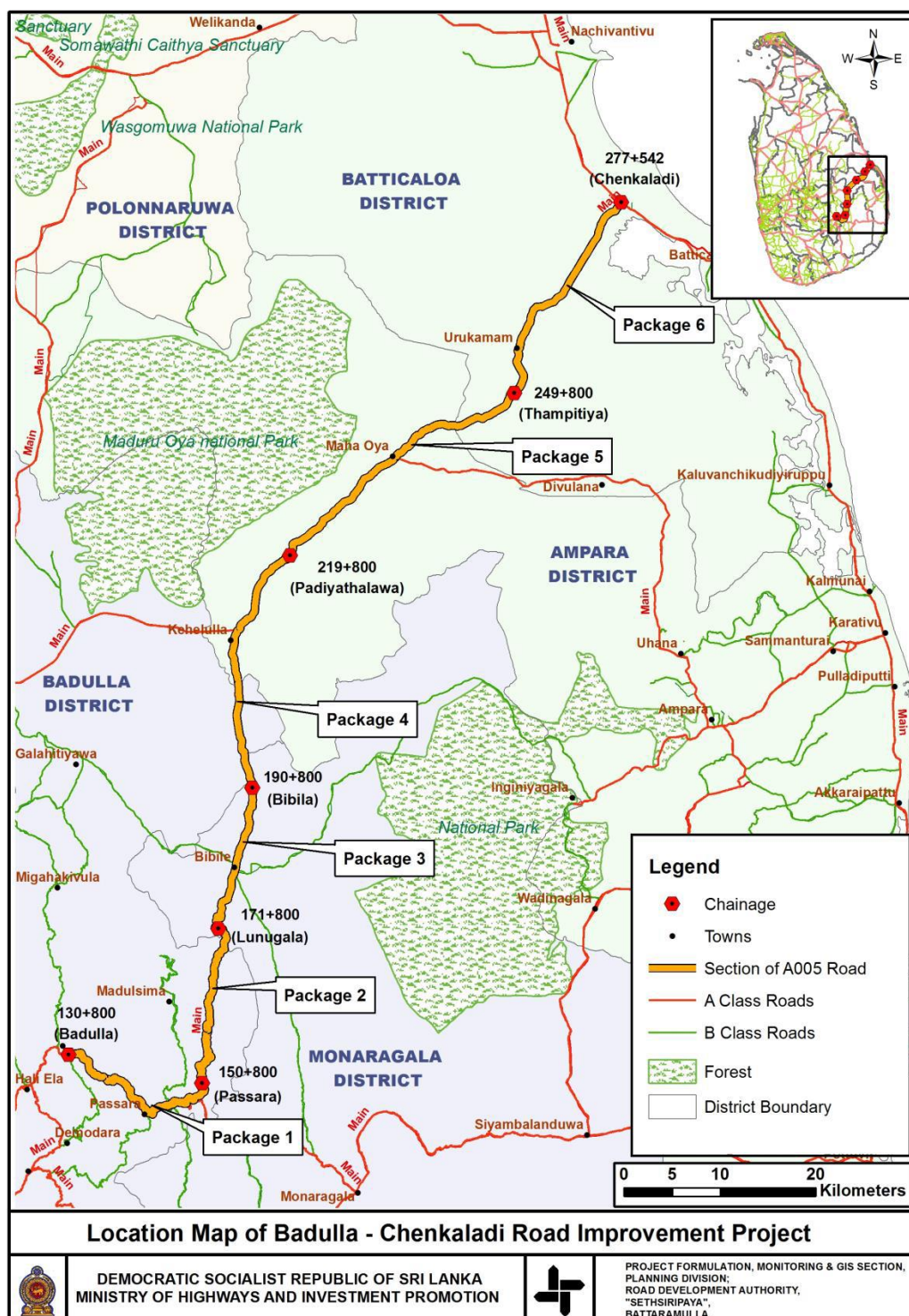
Annexure 08

Completed, Ongoing & Committed Road Projects



Annexure 09

Location Map of Badulla - Chenkaladi Road Improvement Project



Annexure 10

Rehabilitation & Improvement of Priority Roads Projects (PRP- III) - Phase I

Item No.	Road Name / Bridge Name & No.	Road Length (Km) / Bridge span	District/ Location	Physical progress up to 31/12/2018 (%)
01	PRP3-PhI/C1 - Kiriella-Nedurana-Eheliyagoda Road	14.75 km	Rathnapura	100%
02	PRP3-PhI/C2 - Ratnapura - Palawela - Karawita Road	21.28km	Rathnapura	100%
03	PRP3-PhI/C3-Ratnapura- Wewalwatta Road	27.50 km	Rathnapura	100%
04	PRP3-PhI/C4 - Veyangoda - Ruwanwella Road Package	19.80 Km (12.4-32.2)	Gampaha, Kegalle	100%
05	Veyangoda – C4 Ruwanwella Bridge Package	14 Nos		100%
06	PRP3-PhI/C5 Meegahajandura – Kumaragama Road	8.8 km	Hambantota	100%
07	PRP3-PhI/C6 – Galle - Udugama Road	35.35Km (0.00 - 35.35Km)	Galle	100%
08	PRP3-PhI/C10 - Hiniduma - Opatha - Pitabaddara Road Package	31.5Km (0.00 - 31.5Km)	Galle, Matara	100%
09	PRP3-PhI/C6 Hiniduma - Opatha - Pitabaddara Bridge Package	22 Nos		100%
10	PRP3-PhI/C7 - Kandy - Jaffna Road	2.25 km (1.65 -3.90 km)	Kandy	100%

Item No.	Road Name / Bridge Name & No.	Road Length (Km) / Bridge span	District/ Location	Physical progress up to 31/12/2018 (%)
11	PRP3-PhI/C8 -Marawila - Udubaddawa Road	19.55 km	Puttalam	100%
12	PRP3-PhI/C9 -Rambukkana - Katupitiya Road	9.81 km	Kegalle / Kurunegala	100%
13	PRP3-PhI/C12-Ayagama-Egaloya Road	23.15 km	Rathnapura	100%
14	PRP3-PhI/C13 - Mawanella - Hemmathagama - Gampola Road	26.00 Km (0.00 - 26.00Km)	Kandy, Kegalle	96%
15	Savings of PRP 3 – Phase 1/C13 Project <ul style="list-style-type: none"> Improvement of Nelligala International Buddhist Center Road Improvement of Warapitiya – Malgahamula – Kirimetiya Road 	2.4 km 3.5 km	Kandy	100% 100%
16	Savings of PRP 3 – Phase 1/C9 Improvement & Rehabilitation Galaha – Uda Delthota – Belwood Road	5 km	Kandy	100%
17	Marawila – Udubaddawa Road Reconstruction of Bridge No. 15/2	1 Bridge (33 m)	Puttalam	100%

Annexure 11

Government Guaranteed Local Banks Funded Road Rehabilitation Project

(A) Physical Progress

Item No.	Road Name/ Bridge Name & No.	Road Length (km) Bridge span	Physical Progress up to 31.12.2018 (%)	Status
01	Polonnaruwa-Thambala -Sungawila - Somawathiya Road	33	100	Completed
02	Puttalam - Trincomalee Road from Anuradhapura to Trincomalee	97.1	100	Completed
03	Ambepussa-Kurunegala - Trincomalee Road from Dambulla to habarana	21.5	100	Completed
04	Galigamuwa-Ruwanwella - Karawanella Road	29.21	100	Completed
05	Ibbagamuwa -Kumbukgate - Madagalle Road	34.19	100	Completed
06	Katuwana-Alupothdeniya-Panamura Road	23	100	Completed
07	Narammala-Giriulla Road	16.03	100	Completed
08	Tennekombura-Kandehandiya - Randenigala Road up to Kandehandiya	34	100	Completed
09	Kesbewa -Kindelpitiya-Bandaragama Road and Waskaduwa - Bandaragama Road	23.85	100	Completed
10	Mahaoya -Aralaganwila Road	24	100	Completed
11	Anamaduwa -Uswewa -Galgamuwa Road	39.1	100	Completed
12	Galagedara -Horana Road	19.05	100	Completed
13	Bangadeniya -Andigama -Anamaduwa – Road	38	100	Completed
14	Bibile - Pitakumbura -Namaloya – Inginiyagala	60.31	100	Completed
15	Pannala-Kuliyapitiya Road and Kuliyapitiya -Hettipola Road	26.97	100	Completed
16	Matara -Hakmana Road	24.14	100	Completed

Item No.	Road Name/ Bridge Name & No.	Road Length (km) Bridge span	Physical Progress up to 31.12.2018 (%)	Remarks
17	Toppuwa -Dankotuwa -Nattandiya - Madampe Road	26.65	100	Completed
18	Ampara -Uhana- Mahaoya Road	17	100	Completed
19	Naula -Elahara-Laggala - Pallegama Hettipola Road and Hassalaka - Handungamuwa Road	37.5	100	Completed
20	Meepe -Ingiriya Road	18.13	100	Completed
21	Kegalle ByPass stage III	2.34	100	Completed
22	Naula -Elahara-Laggala - Pallegama Hettipola Road	22.9	100	Completed
23	Elpitiya Awiththawa- Lewwanduwa & Nagoda -Neboda Road	30.57	100	Completed
24	Haputale -Boralanda -Keppetipola Road	27	100	Completed
25	Bodagama -Hambegamuwa -Kaltota Road	48.2	100	Completed
26	Chilaw -Wariyapola Road	29	100	Completed
27	Jaffna -Ponnalai -Point Pedro Road	3	100	Completed
28	Muttettugala- Hiripitiya Road	18	100	Completed
29	Army Headquarters Roads at Akuregoda	10.98	100	Completed
30	Kurunegala -Narmmala -Madampe Road (Kuliyapitiya-Madampe)	18.61	100	Completed
31	Giriulla-Dankotuwa Road	29.22	100	Completed
32	Kurunegala -Narmmala -Madampe Road (Kuliyapitiya -Kadahapola)	23.9	100	Completed
33	Kadawalagedara- Withukuliya Road	14	100	Completed
34	Kalugamuwa-Wilakatupotha Road	21.8	100	Completed
35	Mirijjawila-Sooriyawewa Road & outer circular Roads at Hambantatta	24.9	100	Completed
36	Hasalaka-Handungamuwa-Hettipola Road	20	100	Completed
37	Seeduwa-Katunayaka & Seeduwa-Udugampola Road	15.6	100	Completed

Item No.	Road Name/ Bridge Name & No.	Road Length (km) Bridge span	Physical Progress up to 31.12.2018 (%)	Status
38	Kelanimulla-Mulleriyawa-Koaswatta Road	0.6	100	Completed
39	Two Lane Bridge across Deduruoya at Kadigawa		100	Completed
40	Passara – Monaragala Road	27	100	Completed
41	Kirinda –Palatupana – Yala Road	12.5	100	Completed
42	Thalgodapitiya –Yatawatta – Dombawala Road	26.4	100	Completed
43	Thalduwa –Meewitigammana Road	17.3	100	Completed
44	Polonnaruwa – Higuraggoda Road	11.65	100	Completed
45	Wattala-Mahara Road	7.24	100	Completed
46	Medawachchiya-Horowpathana Road	10	100	Completed
47	Ambepussa-Kurunegala-Trincomalee Road (0+000 to 75+000 Km)	75	100	Completed
48	Ambepussa-Kurunegala-Trincomalee Road (14 km)	14	100	Completed
49	Ambalangoda-Elpitiya-Pitigala Road	13.13	100	Completed
50	Old Galle Road	7.07	98.5	Completed
51	Weligaththa-Bundala-Kirinda Road	19.2	100	Completed
52	Tangalle-Kadurupokuna-Beliatta&Kadurupokuna-Dedduwawala Road	12.76	98.5	Completed
53	Kotte-Bope&Battaramulla-Pannipitiya Road	7.2	100	Completed
54	Embilipitiya-Moraketiya-Kiriibbanara-Udamauara Road	8.72	100	Completed
55	Mallawapitiya-Rambodagalla-Keppetigala Road	10	100	Completed
56	Bibile-Uraniya-Mahiyaganana Road	10	100	Completed
57	Bibile-Uraniya-Mahiyaganana Road (18+000-22+000)	4	100	Completed
58	Hendala-Hunupitiya Road	4.02	100	Completed
59	Matale-Wattegama Road	13	100	Completed
60	Pelmadulla-Embilipitiya-Nonagama Road	21.43	91	Completed
61	Warakapola-Anguruwella-Karawanella Road	22	100	Completed
62	Mallawapitiya-Rambodagalla-Keppetigala Road (10+000 to 15+750 km & 20 +250 to 37 +810 km)	23.31	100	Completed

Annexure 12

Rehabilitation & Improvement of Priority Road Project 3 – Phase II

No.	Road Name	Road Length (Km)	District/ Location	Physical Progress up to 31/12/2018 %
C23	Katugastota - Medawala Road	10	Kandy	100%
C24	Thibbutta Junction - From Demaralaawa - Penanetipola - Battagalla Road	5	Kandy	100%
C25	Hapugahayatenna - Watadeniya Road	8	Kandy	99%
C26	Naranwita - Udadeniya - Wewatenna - Niyangama Road	5	Kandy	100%
C27	Heen Naradeniya Junction - Udiwita Elpitiya Road Elipitiya river - Weligalla Junction	5	Kandy	100%
C28	From Nilamba Gurukale Junction to Godawala (Doluwa Road) on Starting from Kandy Galaha Main Road (6 km)	6	Kandy	100%
C29	Kotaligoda - Thismada Road	5	Kandy	100%
C30	Eramuduliyadda - Kolugala - Thismada Road	5	Kandy	100%
C31	Nawalapitiya - Nagaswella Road	11	Kandy	100%
C32	From Wahugapitiya - Nuwara Eliya Rd to Doragala Via Chappiliyawatta	2	Kandy	100%
C33	Yatirawana - Balapola Road	2	Kandy	100%
C34	Mahamaya Mawatha From Rajapeela Junction (Wakarawatta Junction) Ampotiya Rd upto Devom Hotel and Ampitiya Rd Hilpenkadura Mawatha & By Roads	1.75	Kandy	100%
C35	Mahanuwara Aruppola Mawatha No.5 (From Bakery Junction to Aruppola Junction)	0.5	Kandy	100%
C36	Rambukkana - Mawanella Road	11.79	Kegalle	100%
C37	Bulugolla-Dombemada-Wahawa Road	7.65	Kegalle	100%
C38	Mawanella-Aranayaka-Horewela Road	14.43	Kegalle	100%
C39	Gevilipitiya-Hettimulla Road	14	Kegalle	100%
C40	Kegalle-Bulathkohupitiya-Karawanella Road	10.35	Kegalle	100%
C41	Kegalle-Siyabalapitiya-Dewalagema Road	2.63	Kegalle	100%
C42	Mabopitiya-Degalaeriya Road	1.75	Kegalle	100%

Annexure - 13

Widening & Improvement of Roads & Bridges in Central & Uva Provinces project - Roads & Bridges List

Contract No.	Road Package	Length (km)
C1	Kandy – Kirimatiya Road	7.64
	Ampitiya – Gurudeniya (Pichchamalwatta) Road	2.25
	Nuwara Eliya – Ragala – Udapussellawa Road	27.00
	Welimada – Kirkless Road	17.83
	Avissawella – Hatton – Nuwara Eliya Road	9.59
Total Length		64.31

Contract No.	Bridge Package	Nos.
C2	Reconstruction of Bridge Nos. 24/3 and 42/1 on Tennakumbura – Rikillagaskada – Ragala Road	02
	Reconstruction of Bridge No. 3/2 on Kandy – Kirimatiya Road	01
	Reconstruction of Bridge Nos. 23/3, 27/2, 30/4, 31/5, 34/8, 37/1 and 38/5 on Nuwara Eliya – Ragala – Udapussellawa Road	07
	Reconstruction of Bridge Nos. 1/1, 2/5, and 7/7 on Welimada – Kirkless Road	03
Total Nos. of Bridges		13

Annexure -14

Construction of Rural Bridges using old Bridge Components

(A) Completed Bridges during the year 2018

No	District	Description
1	Kandy	Balance work of Construction Nawalapitiya Greenwood Atabage bridge. (Pasbage Korale, 52m 5 Span) 2013/12
2	Anuradapura	Construction of Bridge Across Yan Oya At Asirigama, Palugaswewa. (19.5 m Span) 2016-002
3	Kegalle	Balance work of Construction of bridge at Randeniya Galpola. (15 m single Span) 2013/02
4	Galle	Construction of bridge across Ovilaha-Ela at Ankotawila (19.5m Single span) EE : Hiniduma, Galle.2012/08
5	Monaragala	Balance work of Construction of bridge across Irrigational Canal at Yudaganawa. (Buththala DS area 13m , Single span) 2013/34
6	Badulla	Construction of bridge across Badulu Oya at Hali Ela (15m, Span) 2016-001
7	Badulla	Construction of bridge across Siththara Ela at Koottegoda,Siththaragedara,Haliela. (8 m Span) 2016/006
8	Badulla	Constructin of Foot bridge across Maha Oya at Paragahaella,Bulathwaththa,Haliela. (10 m Span) 2016/004
9	Kegalle	Construction of bridge across Daluggala Ela at Daluggala,Nikapitiya, 2017/001
10	Ampara	Construction of bridge at Kethsirigama on Kethsirigama - Koknahara Road (12m span) W.O.No.2015/02
11	Kegalle	Construction of bridge across Ritigaha Oya at Pannala,Bulathkohupitiya,Kegalle. (38 m , 3 span)2014/03
12	Kegalle	Construction of bridge across Wee Oya at Kelaniyawatta,Polatagama,Yatiyanthota.(39 m Span) 2016/011A
13	Monaragala	Construction of bridge across Kirindi Oya at Sarwodaya,Thanamalvila.(60m , 5 span) 2014/41
14	Kegalle	Construction of bridge across Hingula Oya at Zahira College (Primary),Mawanella.2017-004

(B) Ongoing bridges during the year 2018

No.	Description	Progress as at 31-12-2018
1	Construction of bridge across Meemura Oya @ Wekada Meemure.(30m , 3 span)2014/48	80%
2	Balance work of Udadumbara poggola bridge,Kandy.(15m Single Span) 2013/09	76%
3	Balance work of Construction of bridge across Hasalaka Ela at Uda Kubura Hunassgiriya (36 m 3 Span) 2013/11	82%
4	Construction of bridge across Namal Oya at Gampaha Kolaniya Namal oya,Inginiyagala. (72m , 6 span)2014/24	89%
5	Construction of bridge across Panakura Oya at Panakura Ekitihaldeniya,Deraniyagala. (19.5m Span) W.O. 2016-001	98%
6	Construction of bridge across Wee Oya at Dambepola,Pelenpitiya,Yatiyanthota.(39 m Span) 2016/010 A	90%
7	Construction of bridge across Galbedi Dola at Udugama. (15m , single span) 2014/58	70%
8	Construction of brdge across Homa Dola at Kondagala,Nagoda. (24m , single span) 2014/61	39%
9	Balance work of Construction of bridge across Yaddehi Kanda Ela at Hiniduma West. (Rambutangas Deka, Tawalama DS) 16m,span 2014/18	72%
10	Construction of Briadge across babance work bridge across Polkotan ara at Dambana (12m, single span)2018/001	50%
11	Constructin of box culvert across Neluwa Ela at Neluwa,Etampitiya,Haliela. (2 m Span) 2016/005	96%
12	Construction of 02 bridges across Badulu Oya at Galkotuwa,6 kanuwa,Haliela.(14 m & 12m Spans) 2016/007	99%
13	Construction of Hume Pipe Culvert across Stream at Mahawaththegama,Haliela. (1.2m Span) 2016/008	0%
14	Construction of bridge across Pelawathu oya at Godegedarawatta , Sadagoda , Meegahathenna. (19.6 m , single span) 2014/039	80%
15	Construction of bridge across Marwak oya at Katugalgama , Kandanapitiya. (19.6 m , single span) 2014/040	97%
16	Balance work of Construction of bridge across Kirama ara at Meepawita,Hakmana. (15m , single span) 2014/11	80%
17	Balance work of Construction of bridge across Naigala Dola at Kithsiripura,Hakmana. (08m , Single span) 2014/12	90%
18	Construction of 2 bridges across badulu Oya at Galkotuwa, 6 kanuwa, haliela. (14m & 12m Spans) 2016/007	99%
19	Construction o Bridge on Ginigathhena, Dehigasthenna road, Ginigathhena.	0%
20	Construction of Bridge at mahalla Temple, Ruwanwella(8m, 2 span) 2017/002	0%
21	Construction of bridge across Heen ganga at Galamuduna, Gonnegolla, Meemure. (30m, 3 span) 2014/49	

(c) Commenced in 2018

No	District	Description	Progress as at 31-12-2018
1	Badulla	Construction of balance work of bridge across Polkotan ara at Dambana.(12m , single span) 2018-001	50%
2	Badulla	Construction of bridge across Tattagalayaya ela at Meegoda,Dambana. (12m ,single span)2018/004	40%
3	Badulla	Construction of bridge across Meeyan Arawa at Aathambe,Ambagasdowa,Welimada.(12m Single Span)2018/007	35%
4	Anuradapura	Construction of Bridge across Kala Oya on Kagama, Helabodugama, Bulnewa (19.5 m)	5%
5	Kegalle	Construction of Balance work of brisdge across Ritigala Oya at Lewala, Bulathkohupitiya, Kegalle.(36m , single span)	10%
6	Kandy	Widening & Redecing of bridge on Udawela-Galwala road at Pahurugolla Village, Theldeniya (2016/06 A)	10%
7	Kegalle	Construction of Bridge across Aturupana Ela at Aturupana, Madurumulla, Kegalle	7%

Annexure 15

Regional Bridge Project (Phase II)

No	Route No	Name of the Road/ Bridge	Length m	Physical Progress	Remarks
1	AA00	Bridge No 7/4 on Kollupitiya Sri Jayawardanapura Road - Polduwa Bridge	70.6	100%	Bridge opened for traffic
2	Non RDA	Bridge Over Galoya Connecting Salgashandiya River Bank Road	172.4	100%	Bridge completed. Opened for traffic
3	A025	Bridge No 39/4 On Siyambalanduwa Damana Ampara Road	21.3	100%	Opened for traffic
4	B473	Bridge No 3/3 on Wennappuwa Kirimetiyan Road	21.3	100%	Opened for traffic
5	A007	Bridge No 71/1 on Awissawella Hatton NuwaraEliya Road	9.1	100%	Opened for traffic
6	B353	Bridge No 18/6 on Palugama Boralanda Haputhale Road	21.3	100%	Opened for traffic
7	B353	Bridge No 19/8 on Palugama Boralanda Haputhale Road	21.3	100%	Opened for traffic
8	Non RDA	Bridge across Gin Ganga Hammaliya - Agliya-Mulkada	104.8	100%	Opened for traffic
9	A017	Bridge No 62/3 on Galle Deniyaya Madampe	21.3	100%	Opened for traffic
10	A017	Bridge No 62/3 on Galle Deniyaya Madampe - temporary bypass bridge	39.6	100%	By pass bridge removed
11	A035	Bridge No. 21/1 on Paranthan - Mullaithivu Road	15.2	100%	Opened for traffic
12	A035	Bridge No. 24/2 on Paranthan - Mullaithivu Road	18.3	100%	Opened for traffic
13	A035	Bridge No. 24/2 on Paranthan - Mullaithivu Road - temporary bypass bridge	33.5	100%	By pass bridge De-launched
14	A035	Bridge No. 11/3 on Paranthan - Mullaithivu Road	12.2	100%	Opened for traffic
15	A035	Bridge No. 15/3 on Paranthan - Mullaithivu Road	33.5	100%	Opened for traffic
16	A035	Bridge No. 15/3 on Paranthan - Mullaithivu Road - temporary bypass bridge	39.6	100%	By pass bridge De-launched
17	B010	Bridge No 25/2 on Allai Kanthale Road	45.0	100%	Opened for traffic

N o	Route No	Name of the Road/ Bridge	Length m	Physical Progress	Remarks
18	B010	Bridge No 25/2 on Allai Kanthale Road (Bypass Bridge)	39.6	100%	Bridge de launched
19	B010	Bridge No 25/5 on Allai Kanthale Road	30.5	100%	Opened for traffic
20	Non RDA	Dunukewatte across Kuda Oya	15.2	100%	Opened for traffic
21	Non RDA	Epitakanda Bridge across Kospothu Oya	27.4	100%	Opened for traffic
22	B183	Bridge No. 4/1 on Kalleliya - Pellawela Road	12.2	100%	Opened for traffic
23	B183	Bridge No. 4/1 on Kalleliya - Pellawela Road - temporary bypass bridge	15.2	100%	By pass bridge De-launched
24	B188	12/8 Kaluaggala Labugama Road	33.5	-	Contract Terminated and new contract awarded. Refer No. 58
25	B188	12/8 Kaluaggala Labugama Road - temporary bypass bridge	39.6	100%	Opened for traffic
26	B188	4/2 Kaluaggala Labugama Road	33.5	100%	Opened for traffic
27	B188	4/2 Kaluaggala Labugama Road - temporary bypass bridge	39.6	100%	Bridge de-launched
28	A032	Bridge at km 29+330 on Navathkuli - Karathivu - Mannar Road	12.2	100%	Opened for traffic
29	A032	Bridge at km 29+259 on Navathkuli - Karathivu - Mannar Road	15.2	100%	Opened for traffic
30	B483	5/3 Samanthurae Malkampitiya Deegawapiya road	9.1	100%	Opened for traffic
31	B492	35/10 Kandehandiya Adikarigama Randenigala Loggaloya Road	33.5	100%	Opened for traffic
32	B492	35/10 Kandehandiya Adikarigama Randenigala Loggaloya Road - temporary bypass bridge	39.6	100%	Bridge delaunched
33	Non RDA	Bridge Across Maguru Ganga on Gurulubedda Addaragoda Road	51.8	100%	Opened for traffic
34	Non RDA	Bridge Across Mahaoya on Mahaoya Pollebedda Road	79.8	100%	Opened for traffic
35	Non RDA	Bridge Across Kolamunu Oya on Hunugama - Kanogama Road	39.6	100%	Opened for traffic
36	Non RDA	Bridge Across Kalu Ganga at Ellagawa	45.7	100%	Opened for traffic
37	Non RDA	Bridge Across Kelani River on Eswaththa Ranwala Road	148	100%	Opened for traffic.
38	AA031	Bridge No.2/1 on Karativu Ampara Road	63	100%	Opened for traffic

N o	Route No	Name of the Road/ Bridge	Length m	Physical Progress	Remarks
39	AA031	Bridge No.2/1 on Karativu Ampara Road (Bypass Bridge)	52	100%	Bridge delaunched
40	B249	Bridge No.1/1 on Lady Macalalum Drive	9.1	100%	Opened for traffic
41	B431	Bridge No.20/1 on Ulapane - Pusswillawa Road	9.1	100%	Opened for traffic
42	B512	Bridge No.18/2 on Blackpool-Ambewela-Pattipola-Horton Plains Road	9.1	100%	Opened for traffic
43	B512	Bridge No.18/2 on Blackpool-Ambewela-Pattipola-Horton Plains Road(Bypass Bridge)	21.3	100%	Opened for traffic
44	B512	Bridge No.2/4on Blackpool-Ambewela-Pattipola-Horton Plains Road	9.144	100%	Opened for traffic.
45	B512	Bridge No.2/4 on Blackpool-Ambewela-Pattipola-Horton Plains Road (Bypass Bridge)	18	100%	Opened for traffic
46	B339	Bridge No.1/1 on Olugantota - Pinnawela - Bogawanthalawa Road	9.1	100%	Opened for traffic
47	B114	Bridge No.1/5 on Elpitiya - Avittawa - Lewwanduwa	12.2	100%	Opened for traffic
48	B158	Bridge No.24/4 on Horawala - Pelawatta - Pitigala Road	24.4	100%	Opened for traffic
49	B158	Bridge No.24/4 on Horawala - Pelawatta - Pitigala Road (Bypass Bridge)	33	100%	By pass bridge delaunched
50	Non RDA	Bridge at Kurugammodara across Kalu Ganga	83.5	100%	Balance work is in progress
51	B071	Bridge No.7/12 on Karolina-Norton-Wanaraja Road	9.1	100%	Opened for traffic
52	B564	Bridge No. 10/2 on Otappuwa - Ihalawewa Road	36.6	100%	Opened for traffic
53	B390	Bridge No. 17/9 on Ratnapura-Palawela-Karawita Road	33.5	100%	Opened for traffic
54	B205	Bridge No. 28/9 on Katugastota-Madawala-Bamberella Road	21.3	97%	Bridge work completed. Approach road works in progress. Delay due to Contractor`s cashflow issues
55		Lankapatuna Bridge on Sampoor Verugal Road	148.0	100%	Opened for traffic
56		Bridge over Mahaweli River connecting Halloluwa and Dodanwala	104.4	100%	Opened for traffic

No	Route No	Name of the Road/ Bridge	Length m	Physical Progress	Remarks
57	B238	Reconstruction of Bridge no.8/4 on Kottawa Batemulla Road		97%	Bridge launching completed. Opened to traffic. Balance work is in progress.
58	B188	Bridge No. 12/8 Kaluaggala - Labugama Road	33.5	95%	Bridge work complete. Approach road work in progress. Delay due to Contractor's cashflow issues
59	n/a	Construction of Bridge Across on Kumbukkan Aru on 1st Canal Road in Polonnaruwa	24.4		Contract Terminated
60	B378	Reconstruction of Bridge no.3/3 on Pulliyadi - Irrakkamam Madu	24.4	100%	Opened for traffic
61	AB021	Reconstruction of Bridge no.15/3 on Jaffna Ponnali Point Pedro Road	9.144	100%	Opened for traffic
62	AB021	Reconstruction of Bridge no. 19/3 on Jaffna Ponnali Point Pedro Road	12.214	100%	
63	AB021	Reconstruction of Bridge no.9/1 on Labuduwa Wanduramba Sandarawela Road	12.192	100%	Opened for traffic
64		Reconstruction of Bridge no.9/1 on Labuduwa Wanduramba Sandarawela Road (Bypass Bridge)		100%	By pass delaunched
65		Reconstruction of Bridge AT Ootupulam in Kilinochchi District	39.624	100%	Opened for traffic
66		Reconstruction of Bridge no.2/3 on Madatugama Andiyagala Road	9.144	100%	Opened for traffic.
67		Reconstruction of Bridge no. 2/1 on Mawanella - Aranayake - Horawela Road	9.144	100%	Opened for traffic. Extra work is in progress
68		Reconstruction of Bridge no. 284/1 on Colombo - Ratnapura - Wellawaya - Batticaloa Road	63	85%	Widening section opened for traffic. Demolishing of existing bridge completed
69	B252	Reconstruction of Bridge no. 14/6 on Lindula to End of Agras Road	21.34	49%	Lindula end abutment completed up to capping beam level. Agras end foundation in progress. Delay due to Contractor's cashflow issues

N o	Route No	Name of the Road/ Bridge	Length m	Physical Progress	Remarks
70	B252	Reconstruction of Bridge no. 14/6 on Lindula to End of Agras Road (Bypass bridge)		100%	Opened for traffic
71	B252	Reconstruction of Bridge no. 16/8 on Lindula to End of Agras Road	15.24	88%	Launching completed. Road works and balance work in progress. Delay due to Contractor's cashflow issues
72	B252	Reconstruction of Bridge no. 16/8 on Lindula to End of Agras Road (Bypass Bridge)		100%	Opened for traffic
73		Construction of Bridge no. 4/3 on Malwala Carney Road	15.24	99%	Bridge work completed. Approach road works in progress
74		Construction of Bridge no. 9/11 on Malwala Carney Road	37.37	97%	Bridge work completed. Approach road works in progress
75		Reconstruction of Bridge no. 1/7 on Rathnapura - Wewalwatta Road	15.24	78%	Bridge substructure completed. Preliminary work for launching is in progress
76		Reconstruction of Bridge no. 1/7 on Rathnapura - Wewalwatta Road (Bypass Bridge)	18	100%	Opened for traffic
77	B265	Reconstruction of Bridge no. 13/10 on Malwala Carney Road	24.38	60%	Abutment and wingwall are in progress at Malwala end. Capping beam completed & back filling is in progress at Carney End.
78	Non RDA	Bridge across Welipenna River (Meegama - Ithapana)	130	100%	Opened for traffic
79	Non RDA	Bridge at Galkadulla across Deduru Oya	49	100%	Opened for traffic
80	Non RDA	Bridge on Madampe - Thoduwawa Road	86	100%	Opened for traffic
81	Non RDA	Kadolana Doowa Bridge at Moragalla Beruwala	33	100%	Opened for traffic
82	B503	3/3 on Makandura Badalgama Road	30	100%	Opened for traffic
83	A002	Digarolla Bridge	194	100%	Opened for traffic
84	Non RDA	Thanakolawaththa Bridge across Kelani river	80	100%	Opened for traffic
85	A029	Bridge No. 18/1 on Vavuniya - Horowupathana	21	100%	Opened for traffic
86	B282	Bridge No. 1/3 on Medawachchiya - Horowupathana Road	24	100%	Opened for traffic

Annexure - 16

Reconstruction of 25 bridges

(A) Package I

No.	Bridge Name & No.	Bridge length (m)
01	Bridge No.1/1 Kaduwela-Biyagama Road (AB004) (B1)	92.76
02	Bridge No : 14/3 Galagedera –Horana Road (B123) (B2)	11.5
03	Bridge No14/8 Galagedera –Horana Road (B123) (B3)	11.5
04	Bridge No. 11/4 Kegalle-Bulathkohupitiya road (AA021) (B4)	31.6
05	32/1 Veyangoda –Ruwanwella road(B445) (B5)	19.3
06	Bridge No.2/2 Tangalle –Weeraketiya road (B410) (B6)	6.92
07	Bridge No. 2/3 Tangalle –Weeraketiya road (B410) (B7)	13.9
08	Bridge No. 10/2 Ampilanthurai-Veramunai raod (B018) (B8)	50.4

(B) Package II & III

Road No	Bridge No	Road Name	Province	progress as at 31/12/2018
Package No.II				
AA021	39/4	Kegalle -Bulathkohupitiya - Karawanella	Sabaragamuwa	Procurement works are in progress
B127	20/3	Galigamuwa – Ruwanwella		
B127	16/1	Galigamuwa – Ruwanwella		
B093	2/2	Dehiowita – Deraniyagala-Noori		
B093	5/1	Dehiowita – Deraniyagala - Noori		
B093	7/1	Dehiowita – Deraniyagala-Noori		
B093	8/9	Dehiowita – Deraniyagala-Noori		
B093	14/1	Dehiowita – Deraniyagala-Noori		
B279	17/1	Mawanella – Hemmathagama - Singhapitiya		
Package No.III				
AA010	76/1	Katugasthota - Kurunegala - Puttalam	North Western	Procurement works are in progress
AA010	75/1	Katugasthota - Kurunegala - Puttalam	North Western	
B486	4/3	Embilipitiya – Middeniya	Sabaragamuwa	
AA032	71+660	Navakkuli - Kerative - Mannar	Northern	
AA035	53/1	Paranthan-Karachchi-Mullaitivu Road	Sabaragamuwa	
AA007	104/6	Awissawella - Hatton - Nuwaraeliya	Central	
A-004	Near Havelock City	Colombo – Rathnapura - Wellawaya - Chenkaladi	Western	
B-084	2/1 (Pamankada Bridge)	Colombo- Horana	Western	

Annexure- 17

Major Bridges Construction Project of the National Road network

(A) Package I

Item No	Road Name/ Bridge Name & No.	Bridge length (m)	District/ Location	Physical progress up to 31/12/2018 (%)
01	Bridge No :148/1 on CGHW Road (A002); Polwathumodara Bridge	165	Matara	100%
02	Bridge No :148/2 on CGHW Road (A002); Polwathumodara box Culvert	10.4	Matara	100%
03	Bridge No.138/4 on CGHW Road (A002);Goviya	60	Galle	100%
04	Bridge No.133/2 on CGHW Road (A002);	70	Galle	100%
05	Bridge No.1/1 on Palana -Polwatta - Polwatte Bridge (B637): Polwatte Bridge	120	Matara	100%
06	Bridge NO166/1 on CGHW Road (A002);	19	Matara	100%
07	Bridge No.1/4 on Weligama-Kananke (B 465) : Kole Danda Bridge	57	Matara	100%
08	Bridge No.15/2 on Galle-Baddegama (B128) :Kihimbi Ela Bridge	57	Galle	100%
09	Bridge No: 4/1 on Weligama - Telijjawila (B466) :Denipitiya Bridge	57	Matara	100%
10	Bridge No: 4/1 on Hakmana-Meella- Talahaganwaduwa (B142): Denagama Bridge	90	Matara	100%

(B) Package II

Item No.	Road Name/ Bridge Name & No.	Bridge length (m)	District/ Location	Physical Progress up to 31/12/2018 (%)
01	Bridge No.310/1 on Kandy-Jaffna Road(A009) – Kaithadi Bridge	76	Jaffna	100%.
02	Bridge No.315/2 on Kandy-Jaffna Road(A009) –Navatkuli Bridge	76	Jaffna	100%
03	BridgeNo30/1 on Medawachchiya-Mannar-Thalaimannar Road (A014) : Cheddikulam Bridge	38	Vavuniya	100%
04	Bridge No.39/2 on Navatkuli- Keraitivu-Mannar Road (A032) Nachchikudah Bridge	95	Kilinochchi	100%
05	Bridge No.66/5 on Navatkuli- Keraitivu-Mannar Road (A032) Pali Aru Bridge	76	Mannar	100%
06	Bridge No.7/1 on Thallady-Arippu-Marichchukaddi Road (B403) Aru-Kuli Bridge	57	Mannar	100%
07	Bridge No.21/1 on Thallady-Arippu-Marichchukaddi Road (B403)-Arippu Bridge	76	Mannar	100%
08	Bridge No.39/2 on Thallady-Arippu-Marichchukaddi Road (B403) Marichcukaddi Bridge	95	Mannar	100%

(c) Package III

Item No	Road Name/ Bridge Name & No.	District/ Location	Physical progress up to 31/12/2018 (%)
01	Bridge No :52/1 on CGHW Road (A002); Maggona -1 Bridge	Kalutara	Procurement works are in progress.
02	Bridge No :53/1 on CGHW Road (A002); Maggona - Bridge		
03	Bridge No.8/3 on Horana-Anguruwatota- Aluthgama Road (B157)Madurawala Bridge		

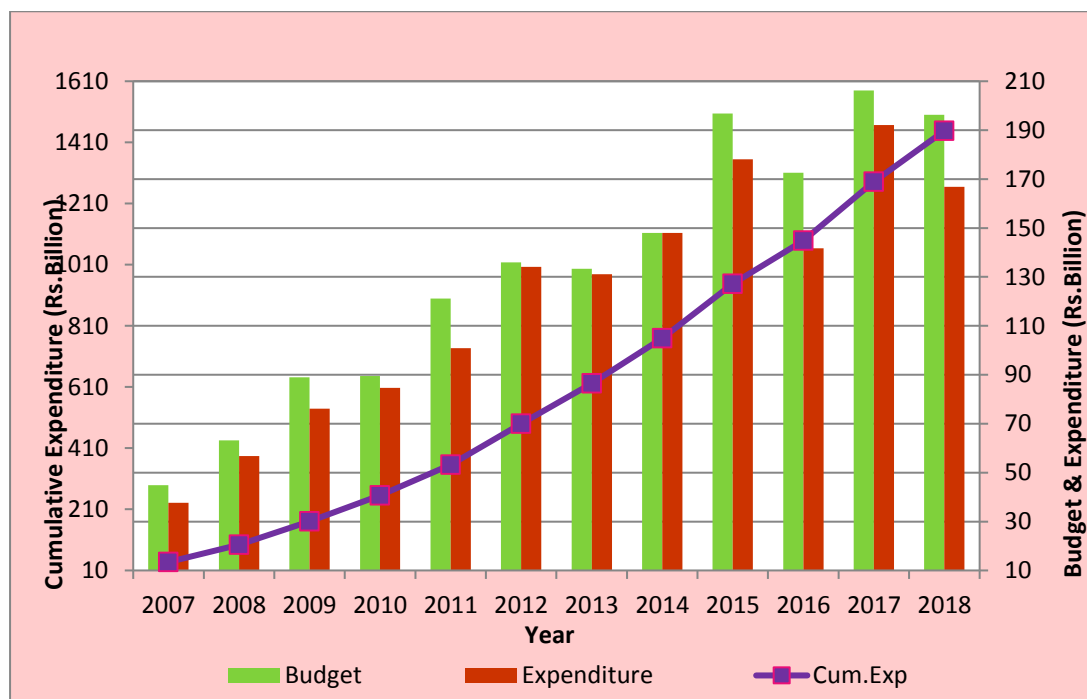
Annexure- 18

Outline of landslide Disaster Protection Project

Category	No	Road No & Location of Road	Disaster type	District
Package 1	1	A005 Road at 046 km	Rock Fall	Nuwara Eliya
	2	A005 Road at 091 km	Slope Failure	Badulla
	3	A113 Road at 015 km	Landslide	Kandy
	4	A005 Road at 043 km	Rock Slide	Nuwara Eliya
	5	A005 Road at 044 km	Rock Slide	Nuwara Eliya
	6	A005 Road at 046 km	Slope Failure	Nuwara Eliya
	7	A007 Road at 031 km	Slope Failure	Kegalle
	8	A007 Road at 045 km	Rock fall & Slide	Nuwara Eliya
	9	A007 Road at 054 km	Slope Failure	Nuwara Eliya
	10	A007 Road at 057 km	Slope Failure	Nuwara Eliya
Package 2	1	A005 Road at 135 km	Landslide	Badulla
	2	A005 Road at 167 km	Landslide	Badulla
	3	A016 Road at 010 km	Landslide	Badulla
	4	A004 Road at 154 km	Slope Failure	Ratnapura
	5	A004 Road at 173 km	Slope Failure	Badulla
	6	A004 Road at 174 km	Slope Failure	Badulla

Annexure- 19

(a) Highway Sector Investment (2007-2018)



(b) Detailed Description of Highway Sector Investment (2007-2018)

Year	Budgetary Allocation (Rs.Mn)	Expenditure (Rs.Mn)	Cumulative Expenditure (Rs.Mn)
2007	44.8	37.6	37.6
2008	63.2	56.8	94.4
2009	88.9	76.1	170.5
2010	89.5	84.7	255.2
2011	121.1	100.9	356.1
2012	136.0	134.1	490.2
2013	133.3	131.1	621.3
2014	148.0	148.0	769.3
2015	196.76	178.05	947.35
2016	172.6	141.73	1,089.08
2017	206.3	192.03	1,281.11
2018	196.4	166.67	1,448.03

Annexure – 20

Local Bank Loans disbursement from 2011 to 31/12/2018 - Project wise

NO.	Project Name	Cumulative Loan Amount as at 31/12/2018. (Rs.Mn)
1	Central Expressway - I	4,198.02
2	Central Expressway - II	53,224.78
3	Central Expressway - III	2,798.66
4	Extension of Sothern Expressway	2,350.00
5	Outer Circular Highway (III)	2,043.99
6	Second New Kelani Bridge	345.34
7	Miscellaneous Foreign funded project	1,112.47
8	Uk Steel Bridge Project	143.23
9	Northern Road Connectivity Project	763.72
10	National Highway Sector Project	837.11
11	Major Bridge Construction Project	7.32
12	Priority Road Project 3	1,909.56
13	Central Province Land Compansation Payments	44.75
14	Colombo- Katunayake Expressway	5,896.72
15	Widnning & Improvement of Roads	4,771.51
16	Land Division	2,450.00
17	64 Local Bank Funded Project	153,676.78
18	Not Disbursed	2,551.32
	Total	239,125.28

Planning & Monitoring Division
Ministry of Highways & Road Development
and Petroleum Resources Development