

REDUCTION OF LANDSLIDE VULNERABILITY BY MITIGATION MEASURES PROJECT

Site Specific Environmental and Social Management Plan

Site No. 150 Failed Slope between culvert No. 98/4 and 99/1 of Colombo Kandy Road A-001 (Pahala Kadugannawa area) Kegalle District

September 2023

Prepared for:



Prepared by:



National Building Research Organisation 99/1, Jawatta Rd | Colombo 05 Tel: 011-2588946, 011-2503431, 0112-2500354

Table of Content

1.	In	troduction	1
	1.1	Project overview	1
	1.2	Intended users	1
2.	De	escription of the project	1
	2.1	Name of the project	1
	2.2	Location details	1
	2.3	Topography and land ownership	2
	2.4	Meteorology of the area	3
	2.5	Demographic feature of the area	3
3.	La	andslide hazard incident details	3
	3.1	Account of incident	3
	3.2	Effects and consequences of landslide	4
	3.3	Description of any remedial measures already undertaken to reduce the potential risk	4
	3.4	Evacuations	5
	3.5	Resettlement (progress)	5
2		Description of the area of the landslide/slope failure and areas adjacent to the landslide and curre vel of risk	
	4.1	Area of the landslide	5
	4.2	Areas adjacent to the landslide	6
	4.3	Current level of risk	6
5.	Des	scription of the works envisaged under the project	6
5		Brief description on the surrounding environment with special reference to sensitive elements tag be affected by the project actions	
6.	Id	entification of social and environmental impacts and risks related to the works	9
	6.1	Positive impacts	9
	6.2	Negative impacts	9
	ϵ	5.2.1 Hydrological and water Quality impacts	9
		6.2.1.1 Impacts of the drainage pattern of the area	9
		6.2.1.2 Water pollution and impacts on surface water quality	9
		6.2.1.3 Erosional impacts and stream/ reservoir bed alterations	9
		6.2.1.4 Open defecation and waterborne infections	9
		6.2.1.5 Impacts on ground water table and ground water quality	10
		6.2.1.6 Impacts on water or wetlands	10
	ϵ	5.2.2 Environmental Impacts	10
		7.2.2.1 Noise and vibration impacts	10
		6.2.2.2 Air pollution impacts	10
		6.2.2.3 Solid waste disposal issues	10

	6.2.2.4 Explosive hazards and hazardous materials	10
	6.2.3 Biological /Ecological Impacts	10
	6.2.3.1 Effects on Fauna & Flora	10
	6.2.4 Social and Economic Impacts	11
	6.2.4.1 Impacts on agriculture within the area to be remedied/ immediately to the site	11
	6.2.4.2 Cracks in the building due to vibration impacts	11
	6.2.4.3 Loosing access to land and future development activities	11
	6.2.4.4 Impacts on livelihood/ business and income activities	11
	6.2.4.5 Impacts on service provision (water supply, sewage, electricity)	11
	6.2.4.6 Effect due to loss of infrastructure and safety	11
	6.2.4.7 Work camps and lay-down site requirements	11
	6.2.4.8 Relations between workers and staff/ people living in the vicinity of the site and possibility of disputes	
	6.2.4.9 Workers safety during construction	11
	6.2.4.10 Safety to the public from construction activities: High risk for commuters	12
	6.2.4.11 Impacts on transport infrastructure (especially temporary loss of road or rail access, r of traffic congestion)	
	6.2.4.12 Areas used for businesses, agriculture or other immediately adjacent to the site	12
	6.2.4.13 Need for people to enter or cross the site	12
7	. Significant Environmental and Social Impacts: Social or Environmental impacts or risks that w require special measures on the part of NBRO and the contractor; Indicative significant impacts	
7	7.1 Significant Environmental and Social Impacts	12
7	7.2 Priority Health and Safety Issues. Specific H&S concerns that require measures that go beyone the standard contractual requirements for contractors	
7	7.3 Child labour & forced labour	13
8.	Environmental Social Management Plan (ESMP)	13
8	3.1 Resettlement action plan	13
8	3.2 Evacuation of people	13
8	3.3 Procedure for removal of damaged structures, facilities infrastructure (consent from owners to remove the articles)	
8	3.4 Requirement for compensation for loss of property /uses due to project actions	13
8	3.5 Public awareness and education- needed for following areas	13
8	3.6 Design based Environmental/ Social Management considerations	13
8	3.7 Mitigation of impacts during the construction phase	15
	8.7.1Construction contractors' requirement to comply with environmental and social manageme during the construction phase	
	8.7.2 Site Specific mitigation	16
	8.7.3 Monitoring requirements specific to the site	19
9.	Labour management	20
10.	Preventive measures for COVID-19 that was issued by Sri Lankan national health authority	20
11.	Public and Stakeholder Consultations -the public consultations that have been and/or will be held	21

11.1Public Consultations	21
11.2Stakeholders involved in the consultations any recommendations or agreements reached in the	
consultations (Refer annexure II)	21
12. Clearances, no objection, consent and approvals required for the implementation of the project	21
12.1Project implementation	21
12.2Approval from the state lands owners relevant to the project	21
12.3Consent/ no objection/ legally bound agreement from the private land ownerships	
13. Grievance redress mechanism for this site	
14. Information disclosure	
List of Annexures	
Annexure I: Images of the site condition and the consultation	i
Annexure II: Proposed procedure for obtaining approvals from state land owners and environmental agencies.	i
Annexure III: Study team	
Annexure IV: List of references	
Annexure V: Due diligence report on the exhumation and re burial graves in the location of land slide area $(CH 97 + 830 - 97 + 865) - RMC 01 - Colombo Kandy road (A 001)$	
List of Figures	
Figure 1:Road map showing the accessibility to the site	2
Figure 2: Google image of the proposed landslide mitigation site, the surrounding environmental feature and service infrastructure.	ıres
Figure 3: Drone image of the proposed landslide mitigation site, the surrounding evironmental feature and service infrastructure.	es
Figure 4: Google image, cross sections, land use, risk elements and the photographs of special features	s of
the locationFig 6: Cross sections, land use, risk elements of the location	
Figure 7a: Upslope area of the mitigation site	
Figure 7b:Down slope of the mitigation site	
Figure 7c:Dameged toilet compound	
Figure 7d: Water tank	7
Figure 7e: Colomo-Kandy road and small boutiques at the downslope (Towards kandy)	
Figure 7f Colomo-Kandy road and small boutiques at the downslope (Towards Colombo)	
Figure 7g –A boutique at the downslope (RHS of road)	
Figure 7i Op slope forest area	
Figure 7j- Location of recent cemetry	
-	

List of Tables

Table 1: Negative impacts and their level of significance	9
Table 2: Design stage Environmental & Social considerations	
Table 3: Contractor requirement to comply with ES & HS	15
Table 4: Site specific ES & HS mitigation measures	
Table 5: Environmental and Social monitoring plan; construction phase	20
Table 6: Clearances, no objection, consent and approvals	21
Table 7: Tentative timeline for getting approvals	22
Table 8: Proposed scheme of information disclosure	23
Table 9: Level of information gathered through consulting institutions	23

Abbreviations

AIIB Asian Infrastructure Investment Bank

CEA Central Environmental Authority

DFC Department of Forest Conservation

DS Divisional Secretary

DWLC Department of Wild Life Conservation

EH & S Environmental Health & Social

E&SU of PMU Environmental & Social Unit of Project Management Unit

ESMF Environmental and Social Management Framework

SSE&SMP Site Specific Environmental and Social Management Plan

ESMP Environmental and Social Management Plan

GN Grama Niladhari

GOSL Government of Sri Lanka

GSMB Geological Surveys & Mines Bureau

NBRO National Building Research Organization

PRDA Provincial Road Development Authority

RHS Right Hand Side

LHS Left Hand Side

1. Introduction

1.1 Project overview

The Government of Sri Lanka has received a loan from the Asian Infrastructure Investment Bank (AIIB) for mitigating/rectifying 127 unstable slopes in high-risk areas especially in 11 districts of 06 provinces of the country. The project requires to be implemented in accordance with environmental and social safeguards and mandates of the AIIB and that of Sri Lanka. Considering the nature of project actions and its implementation, an Environmental and Social Management Framework (ESMF) has been prepared as required by the AIIB environmental and social safeguard policy.

The purpose of the Environmental and Social Management Framework (ESMF) is to provide a guide for application of AIIB safeguards and national environmental and social mandates during the implementation of project actions. The project implementing agency (NBRO) is expected to ensure implementation of environmental and social management plans prepared under the ESMF during all phases of project implementation so that the impacts on the environment and community are minimum.

During the scoping exercise it was revealed that the environmental & social setting, and health & safety conditions are more site specific, and require to be addressed specific to site conditions. Therefore, the ESMF has recommended site specific environmental and social assessments followed by Site Specific Environmental and Social Management Plans (SSE&SMP) for each site. The SSE&SMP gives planning, design, construction and operation phase environmental, social, and health & safety management measures to be considered in the project Implementation.

This is the site specific environmental and social management plan for Failed Slope between culvert No. 98/4 and 99/1 of Colombo Kandy Road A001 in Pahala Kadugannawa area landslide mitigation site. This plan has been prepared by an in-depth environmental and social assessment to:

- i. Identify sensitive environmental and social elements in the project influence area
- ii. Identify significant environmental and social impacts due to project actions
- iii. Propose mitigation measures
- iv. Decide appropriate environmental and social monitoring requirements specific to this project
- v. Study relevant environmental regulations and procedures to be followed during project implementation specific to the site

1.2 Intended users

The document provides an in-depth insight into site specific environmental and social issues associated with the proposed project and the mitigation measures and intends to be used by landslide mitigation design team, the PMU and the contractor in the implementation of Environmental and Social Management component of the project. The SSE&SMP is published in NBRO website and can be viewed by wide range of interested parties (public, stakeholder organizations) can be utilized by the contractors for the project and will form the basis of site-specific management plans that will be prepared by the contractors as part of their Site Specific Environmental and Social Management Action Plans (SSE-SMAP) prior to commencing works.

2. Description of the project

2.1 Name of the project

Rectification of Site No. 149, Kegalle District, for **failed slope between culvert No. 98/4 and 99/1 of Colombo - Kandy main road A001 (Pahala Kadugannawa area)**

2.2 Location details

The proposed mitigation site falls under 25/A Ganethenna GN division of Mawanella DS division, Kegalle district, Sabaragamuwa province.

GPS references of the site-7. 253393°N and 80.503571°E

Nearest town and accessibility to the site – Mawanella.

Mawanella town is about 7.4 km from the site. The site can be accessed via A1 Colombo - Kandy Road (*Ref. fig. 1*).

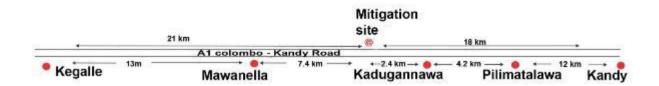


Figure 1:Road map showing the accessibility to the site

2.3 Topography and land ownership

The proposed mitigation site is located left hand side of the slope segment between culvert 98/4 and 99/1 on Colombo - Kandy Main Road (A-1), the land is within the road reservation area of Road Development Authority. The elevation of the area is 518 m. The unstable area is located in a sloppy terrain where the natural slope has been cut for the road construction. The extent of site proposed to be mitigated is about 22000 m².

Refer figure 2: Google image and 3: Drone image of the proposed landslide mitigation site showing the surrounding environmental features and service infrastructure.



Figure 2: Google image of the proposed landslide mitigation site, the surrounding environmental features and service infrastructure.



Figure 3: Drone image of the proposed landslide mitigation site, the surrounding evironmental features and service infrastructure.

2.4 Meteorology of the area

Annual average rainfall – 2226 m Annual average temperature – 23.9 °C

(Source: Website of Divisional Secretariat – Mawanella)

2.5 Demographic feature of the area

The Population of Ganethenna Division is 2028 including 982 males and 1046 females. (Census and statistical report - 2012)

3. Landslide hazard incident details

3.1 Account of incident

Land instability had developed at the left-hand side slope segment located between culvert 98/4 and 99/1 on Colombo- Kandy main road (A-1) in the Pahala Kadugannawa area of the 25 / A Ganethenna Grama Niladhari Division in the Mawanella Divisional Secretariat in the Kegalle District on 09.11.2021 and 10.11.2021 followed by heavy rains during the first week of November 2021. A major slope movement had occurred at the toe region of an intermediate part of a long extending steep slope, severely damaging some of the fruit stalls which were erected at the road side and also obstructing the traffic of Colombo Kandy main road (*Ref. Fig.4a*).





4a. Damaged fruit stalls with the slope movement

4b. Removing damaged fruit stalls

3.2 Effects and consequences of landslide

Due to the slope movement, 51 boutiques (fruit stalls) located at the roadside, immediately downslope of slope moved, Pahala Kadugannawa area were partially/ completely damaged obstructing the traffic and the road was kept closed for a period of two weeks, forcing the traffic to detour to Kandy city using alternative roads. The boutiques were Tax payers registered with Divisional Secretariat Mawanella and Pradeshiya Sabha Mawanella.

The damaged boutiques were removed with the support of Army and the process was directed and coordinated by, Divisional Secretariat Mawanella, Pradeshiya Sabha Mawanella, Urban Development Authority (UDA) and Road Development Authority (RDA) (Ref. Fig 4b).

Out of 51 boutiques, only 21 boutiques bordering the site (6 towards Colombo + 15 towards Kandy) were reestablished, and according to the information of the boutique owners, the others have not reestablished their boutiques and moved for seeking job opportunities in other areas or in overseas. Reestablishing boutiques at previous locations (immediately downslope of the slope moved) were restricted by the above authorities.

3.3 Description of any remedial measures already undertaken to reduce the potential risk

According to the request of the Kegalle District Secretary, preliminary field studies were conducted on 09th and 10th of November 2021 by the professionals of National Building Research Organisation (NBRO). Accordingly, taking into account the risk situation and the emergency situation at the place, recommendations for emergency response were issued on 12-11-2021 through a report NBRO/LRRMD/KG/MWP/LI/2021/ERR-00049.

Based on the results of detailed geophysical / geotechnical exploration, laboratory testing and slope stability analysis, a detailed engineering design for slope mitigation was provided by NBRO including following mitigation measures to eliminate the failure threat of this location.

- Construction of Gravity type retaining wall at the toe area of the slope
- Installation of 12 m long soil nail system at 2 m C/C spacing in the cut slope above the proposed retaining wall.
- Provide horizontal long drains through the toe of the earth cut and middle part of the cut slope to control the development of excess pore pressures within the slope.
- Construct well planned reinforced concrete surface drainage system to control water intrusion into the soil.

(Source: Design Report (2021) Mitigation of the landslide between culvert no 98/4 and 99/1 – Colombo Kandy Highway, Geotechnical Engineering Division, NBRO)

Subsequently, with the request of the District Secretary, Kegalle, to implement mitigation measures to re stabilize failed slope, Ministry of Transport and Highways which is the relevant line ministry had taken necessary initiatives to incorporate the proposed landslide rectification measures at Kadugannawa into the Integrated Road Investment Program (iRoad Program), road rehabilitation project which was in operation at the time of submission of technical proposal. (Integrated Road Investment Program-Improvement, Rehabilitation and Maintenance of Nittambuwa (39.710 km) - Kadugannawa (100.000 km) section of Colombo – Kandy (A001) Highway)

An Initial Environmental Examination (IEE) for the Rehabilitation of Nittambuwa – Kadugannawa section of Colombo – Kandy (A001) Road under iRoad program was conducted by RDA in April 2020. (https://www.adb.org/sites/default/files/project-documents/47273/47273-004-47273-005-47273-006-iee-en_0.pdf). However, for this mitigation for the road section between culvert 98/4 and 99/1 on Colombo-Kandy main road separate or site-specific IEE or Environmental and Social assessments has not been conducted and mitigation measures were commenced and continued. However, due to the unexpected economic crisis of the country, funding had been delayed for the iRoad Program and the Ministry of Transport and Highways had decided to discontinue all the on-going contracts under iRoad program and the measures required (mentioned below) for assuring slope stability are in partial completed stage in the site.

- Slope Excavation
- Drilling and Grouting of Soil Nails
- Chemical Blasting in Progress (Rock & Boulders)
- DS (B) B (Type-01) Drain Construction
- DS (C) B Drain Construction
- DS (M) A Drain Construction
- Grid Beam Construction in Progress
- Horizontal Drains Construction
- Excavation for Retaining Wall
- Retaining Wall Construction in Progress

(Source: Progress Presentation as at End of March 2023 CONTRACT PACKAGE: RDA /ADB /iRoad /NCB/RMC/01-D).

3.4 Evacuations

Fifty-one (51) temporary boutiques (stalls selling fruits, sweet, toys and etc) located at the toe area of the slope (left of Colombo –Kandy Road) were damaged due to the slope failure, and were evacuated (*Pl. ref.* 3.2).

3.5 Resettlement (progress)

There is no requirement of project-based resettlement programme for this site.

4. Description of the area of the landslide/slope failure and areas adjacent to the landslide and current level of risk

4.1 Area of the landslide

The area of the slope failure is located between culvert No. 98/4 and 99/1 in Pahala Kadugannawa area, on the left, when traveling from Colombo to Kandy. The unstable area is located in a deep sloppy terrain where the natural slope has been cut for the Colombo Kandy Road construction.

The existing condition of the site;

Construction of cascade drains has been stopped in its halfway leading for high water flow into the landslide body. b) Soil nailing works have not been completed yet, leaving a stretch of unprotected steep slope section with a high probability to fail during a heavy rain, with the absence of a properly functioning

drainage management system. c) The toe wall has been constructed for a length of 42 m for which the backfilling has not been carried out while 94 m of toe wall is remaining to be completed. Accordingly, the toe wall is not providing the designed toe support, essentially making the total slope segment unstable d) Part of the unstable debris mass displaced during the landslide situation in 2021 are still deposited on the steep slope, which can dislodge easily into another catastrophic failure or a debris flow during the next monsoon season (*Please refer figure 5*).

A water tank of National Water Supply and Drainage Board that was constructed in 1989 to collect the spring water for the use of the settlements of the downslope area is located immediately at the upslope area of the site. Currently, the tank and the supply lines are not functioning. An old damaged toilet complex is located between the road and cemetery area and is currently not functioning.

A cemetery is located at the boundary of the site towards Mawanella. It is located Ch.97+830- 97+865, this has been found during the mitigation activities under iRoad program. The cemetery yard had been used by the villagers since 1982 and the land belongs to the Divisional secretary of Mawanella. This cemetery was commonly used by the Buddhists and Christians of Ganethenna Grama Niladhari Division. According to the villagers around the location, there are 45 graves buried at this cemetery premises. This cemetery is not used currently for the burial purposes. According to the information of GN officer of the area, two bodies were buried recently in a land close to the site towards Colombo, the access road to this land is located bordering the site. This land is not a registered cemetery and burial of dead bodies has not controlled by authorities according to the GN officer.

The upslope area of the site is dominated by shrubs and trees of forested area called "Goramenthu Jungle" owned by the Department of Forest.

There are 21 temporary boutiques at downslope bordering the site (6 towards Colombo + 15 towards Kandy). The boutiques are mainly of fruits and beverages and functioning at the road side of the slope and they are the income source of the dwellers of the nearby villagers since the area has a high tourist attraction (local and foreign) due to beautiful sceneries of the mountain range and the pleasing climate.

The road (Colombo - Kandy A001 Road) is the only main access road to Kadugannawa area.

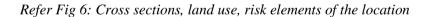




Figure 5: Illustration of current situation of the site

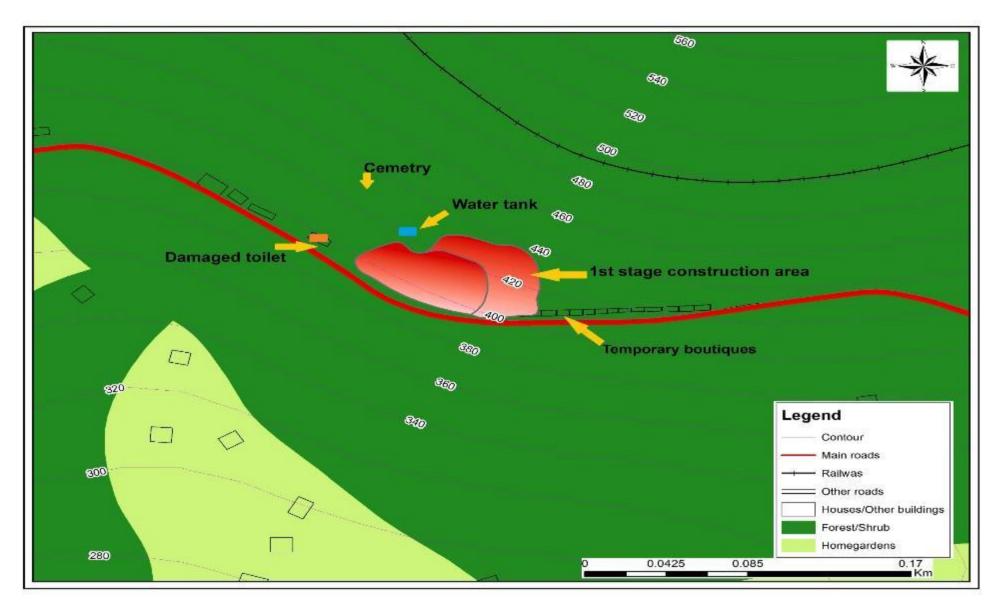


Fig 6: Cross sections, land use, risk elements of the location

4.2 Areas adjacent to the landslide

The Colombo - Kandy Main Road (A-1) is located bordering the downslope of the unstable slope. The right-hand side of the slope segment of the Colombo- Kandy main road is a deep slope with high density of trees and shrubs. One boutique (fruit stall) is located at the right-hand side, opposite to the mitigation site.

There are many famous and tourist attractive places located around the unstable area. Both local and foreign tourists visit these places while traveling this Colombo - Kandy main road. "Kadugannawa rock pass" is the one of the most popular destination, tourist attraction and a place of highest significance landmark in the Colombo - Kandy Road. It is a common roadside stop for tourists to enjoy the Kegalle valley below and view the prominent rock known as the Bible Rock. The Kadugannawa Pass was a lookout point in the Kingdom of Kandy. The Balana fort which was the main fortress established to protect the Kandyan Kingdom from foreign powers was situated near the Kadugannawa pass.

The Colombo-Kandy Road was constructed during the British period. Remarkably, they pierced a rock at the Kadugannawa Pass instead of blasting it away or simply bypassing it. This Kadugannawa tunnel is a symbol. This rock piercing is known as the Kadugannawa Tunnel and is still preserved as a bypass. This location is a famous tourist attraction. A beautiful recreation park with a car park near the tunnel is constructed and it is a lovely vantage point.

At the highest point of the pass, there is a memorial column known as Captain Dawson Tower built during the British period to the memory of the British Engineer W. F. Davidson, who designed the Kadugannawa pass.

Kadugannawa Ambalama is a historic wayside rest that is found on the left, 600 meters from the unstable slope area. This was built in the early 19th century during the British period and the structure resembles the Kandyan Kingdom architecture and is of archaeological value and this structure is considered a national heritage item of Sri Lanka.

4.3 Current level of risk

The mitigation works carried out under iRoad program has managed to reduce part of the risk, halting the remaining works at this stage has led creating a situation worse than its initial position. In particular, the cut-off drains proposed to capture and divert the surface runoff away from the landslide mass are half-constructed, and release the diverted water mid-slope, back into the affected mass completely robbing its original purpose. Therefore, there is a possibility of instability will be activated again with the upcoming rains, and it poses a risk to Colombo - Kandy Main Road (A-1). Also, during future failures, it would limit the continuous functions of the Colombo Kandy Road between Mawanella and Kadugannawa as this is the main access way to Kandy, the obstruction of accessibility may pose a significant impact on life line facilities, services, tourism and related economic activities including the transactions.

According to the geophysical investigations carried out by NBRO, the road and the railway line are stabilized on the existing bed rock. The colluvium mass in between these is slightly displaced, but no significant horizontal or vertical displacement are observed and hence the risk to the boutiques relocated adjacent to the proposed mitigation works and the steep at the right-hand side of the road are low.

5. Description of the works envisaged under the project

Based on preliminary investigations, NBRO has carried out detailed investigations and design of suitable rectification measures to minimize the risk posed by this unstable slope section to ensure the safety of the commuters and continue functions of this main road of Colombo - Kandy. The proposed activities include:

- Earthworks including excavation and removal of debris
- Protecting the slope with soil nailing

- Drainage management using surface and subsurface drainage network
- Alleviate local slope failures by way of increasing the development metric solution of exposed finished surface via nature-based solution.
- Further, in order to restore and retain the natural aesthetic outlook of this location, the protection works will essentially include nature-based surface protection solutions like turfing and planting.

5. Brief description on the surrounding environment with special reference to sensitive elements that may be affected by the project actions

The elements and services at risk during the project implementation are;

- i. Functions, commuters, pedestrians and vehicles of Colombo Kandy main road A1 between culvert No. 98/4 and 99/1.
- ii. Small scale boutiques
- iii. Present functioning cemetery and its access road
- iv. Current services, economic and tourism activities of the area
- v. Abandoned water tank, toilet compound and cemetery (not functioning)
- vi. Upslope forest; "Goramenthu Jungle"

(Ref. Fig.7 Sensitive elements that may be affected by the project actions)





Figure 7e: Colomo-Kandy road and small boutiques at the downslope (Towards kandy)



Figure 7f Colomo-Kandy road and small boutiques at the downslope (Towards Colombo)



Figure 7g –A boutique at the downslope (RHS of road)



Figure 7h:: Up slope forest area



Figure 7i-Acess road of the Cemetry located boundry of the mitigation site



Figure 7j- Location of recent cemetry

Figure 7: Sensitive elements that may be affected by the project actions

6. Identification of social and environmental impacts and risks related to the works

6.1 Positive impacts

The mitigation will make currently unstable slope at the road side stable, securing safety of commuters, pedestrians and traffic. Road closure will not result in the rainy periods ensuring good connectivity between the cities. This road is the only access road from Colombo to Kandy, religious places, universities, business and administrative places also a route with exceptional scenic beauty for current and future ecotourism. Hence, the mitigation work will ensure uninterrupted traffic flow and road connectivity throughout and will increase the safety of commuters during rainy season. Further, above mentioned industry, economic activities and other cultural and religious activities are benefitted largely by this mitigation.

6.2 Negative impacts

The mitigation works are generally confined to already failed land area. Therefore, negative impacts are much localized and also limited to construction period.

Table 1: Negative impacts and their level of significance

Impacts during the construction period	Level of Significance
6.2.1 Hydrological and water Quality impacts	
6.2.1.1 Impacts of the drainage pattern of the area	
Disruption to existing surface and sub-surface drainage pattern in the area is envisaged with the project implementation. The mitigation works in this site will focus on the drainage improvement. Therefore, during rainy season heavy flow of water is expected to be generated and would be accumulated between the road and the slope. The water inundation of the existing drainages may be expected. Increase of water through the unstable slope may intensify the risk of slope failures of the unstable section.	Highly Significant
6.2.1.2 Water pollution and impacts on surface water quality	
During the slope excavation, removal of debris can generate high sediment laden runoff there could be a possibility that contaminated runoff may pollute the water within the heavy seepages through the affected area. Improper disposal of oils and other harmful substances/contaminants from machineries, leakages from temporary storage tanks, solid waste and wastewater disposal/dumping could occur causing adverse impacts on quality of the water. However, during rainy season, the rainwater running through the disturbed slope tends to pick up sediment, oil and other pollutants generated during construction can contaminate the water.	Significant
6.2.1.3 Erosional impacts and stream/ reservoir bed alterations	
The project activities will open the slope for surface erosion during the construction phase. The existing surface and sub-surface drainage pattern in the area will be disrupted during construction phase. Therefore, the erosional impacts are significant.	Significant
6.2.1.4 Open defecation and waterborne infections	G
As site is located close to the road, possibility of open defecation is less. However, there is a forest at the upslope area there may a possibility of open defecation causing Faecal contamination of storm water.	Significant

6.2.1.5 Impacts on ground water table and ground water quality	
Addition or mixing of construction materials including cements, grout materials with subsurface water flows will cause temporary water quality degradation and accumulation of unwanted substances. During the construction period, the hazardous waste from chemical substances, waste water from the construction activities and discharge of waste matter from onsite septic systems would cause adverse impacts on the ground water quality as the water of the downstream is used by the nearby people and tourists for washing including car washing (as a livelihood). Due to the mitigatory activities carried out in the slope area there will be an impact of the ground water quality and drawdown of ground water table.	Significant
6.2.1.6 Impacts on water or wetlands	
Since there are no water ways close to the site impact will be insignificant.	Insignificant
6.2.2 Environmental Impacts	
6.2.2.1 Noise and vibration impacts	
Noise and vibration are expected from construction equipment. The pedestrians and commuters on roads will also have an effect from noise and vibration. The commuters on the road will be exposed to high noise during heavy noise generating activities, such as operating loading and unloading of materials, movement of machinery in addition to above mentioned construction works.	Significant
6.2.2.2 Air pollution impacts	Highly
Construction activities that contribute to air pollution include: land clearing, operation of diesel engines, demolition and burning. Operating vehicles at high speed under dry weather conditions can increase such pollution. Improper handling and transferring of materials can also generate dust. Improper storage of materials can potentially generate dust if not properly covered. During construction, it generates high levels of dust typically from concrete, cement, wood, stone, and silica. The Colombo-Kandy Road is used heavily for vehicles moving (buses, bicycles, lorries, trucks, tippers, three wheels). The air pollution may have significant impact on the commuters and pedestrians.	Significant
6.2.2.3 Solid waste disposal issues	
Haphazard disposal of solid waste; various types of waste such as litter, food waste, construction waste will be generated and may store or dispose on site. The littering and hap hazard storage and disposal of solid waste in and around the site will create inconveniences to the commuters, pedestrians. It can block the drainages to make breeding grounds for water borne diseases. Waste can pollute the soil, and leave various environmental impacts if proper disposal mechanism is not in place during the construction period.	Highly Significant
6.2.2.4 Explosive hazards and hazardous materials	G • • • •
Since the affected area has rock boulders, explosives may be used if the rock blasting is envisaged. This may pose risk due to unsafe use. As these operations are to be done on affected slopes the risk of improper use of explosive and accidents from rock fragments are highly significant.	Significant
6.2.3 Biological /Ecological Impacts	
6.2.3.1 Effects on Fauna & Flora	G* *0* *
There are no cultivated crops/ naturally grown important (edible/ religious/ecologically) plants within the area under mitigation and there won't' be impact on them. The vegetation in the already disturbed area due to the landslide is dominated by herb species most of them are exotic species. The impacts on terrestrial ecosystems are localized as many project actions will be taking place on already failed or mitigated slopes. However, the upslope area is dominated by shrubs and trees of forested area called "Goramenthu Jungle" owned by the Department of Forest. The forest ecology (fauna and flora) on the crest of the slope can be disturbed during construction works as follows;	Significant

Clearance of vegetation for construction ii. Illegal extraction of specimens (flora and fauna) protected under regulations. iii. Poaching and hunting iv Forest fires 6.2.4 Social and Economic Impacts 6.2.4.1 Impacts on agriculture within the area to be remedied/immediately to the site Insignificant There are no agricultural activities immediately adjacent to unstable slope area. 6.2.4.2 Cracks in the building due to vibration impacts There are no houses located close to the site and the buildings located are the abandoned toilets and a water tank. The boutiques at the downslope are temporary constructed, they Less significant want be impacted due to vibration. The Colombo-Kandy Road is running downslope to the site. Vibrations can create cracks 6.2.4.3 Loosing access to land and future development activities The mitigation works will be concentrated on the upslope of the road. The cemetery (not Significant functioning) is located bordering the site. It will be impacted by land clearing and machinery moving during construction if the cemetery area is not restricted from entry. The current functioning cemetery and its access road are located outside the mitigation area and will not be impacted from project activities. 6.2.4.4 Impacts on livelihood/ business and income activities Significant There are 21 temporary boutiques at downslope bordering the site (6 towards Colombo + 15 towards Kandy). There wont'be an impact during construction on these boutiques. The workers may purchase the things from these stalls therefore the impact is positive. 6.2.4.5 Impacts on service provision (water supply, sewage, electricity) Significant There is no water supply, sewage and electricity lines to be impacted by the construction period. The construction activities should not be affected to structures of both abandoned tank and the toilet compound. 6.2.4.6 Effect due to loss of infrastructure and safety During construction phase the main road from Colombo-Kandy Road will be obstructed Significant by frequently moving machinery, loaders, trucks etc. Therefore, most of the heavy machinery, trucks and loaders can obstruct the pedestrian passage and cause traffic during peak times. 6.2.4.7 Work camps and lay-down site requirements The camps site will be selected in the neighbourhood of community. If proper camp **Significant** management is not in place, it may result several labour issues, social issues with community, conflicts for shared resources with the community, nuisances, and management of waste etc. If temporary camps are built in the close proximity of the site, management of solid waste and sewage will be an issue. 6.2.4.8 Relations between workers and staff/ people living in the vicinity of the site and possibility of disputes There may be disputes with the people in boutiques at downslope and the workers of **Significant** construction site 6.2.4.9 Workers safety during construction Fatal injuries may occur if the slope fails. The risk of slope failure is aggravated during Highly the rainy season. This risk is highly significant. Risk of hazard from vehicle and Significant construction machinery accidents is highly significant at this site. Contractor may engage under age workers (children) for construction work, which is risky and can results serious accidents and injuries.

6.2.4.10 Safety to the public from construction activities: High risk for commuters During construction phase the road will be obstructed by the frequently moving machinery, loaders, trucks etc. As most of the mitigation works are to be carried out in limited space on slopes the heavy machinery, the trucks and loaders etc. can obstruct the commuter/pedestrian passage and may pose high risk on their life. There is a risk of falling loose rocks on the road during excavations and removal of rocks posing risk on the commuters. Railway line is located on a bed rock, about 100 m away from the site, the trains, railway commuters, railway line are not impacted during construction related activities.	Highly Significant
6.2.4.11 Impacts on transport infrastructure (especially temporary loss of road or rail access, risks of traffic congestion) The traffic due to full/partial road closure may obstruct the smooth flow of vehicles during the week days, in office hours, school times, on holy days, season of pilgrimage. This will cause nuisance to pedestrians and commuters	Significant
6.2.4.12 Areas used for businesses, agriculture or other immediately adjacent to the site Impact on business -Ref. 6.2.2.4. There are no agriculture related activities immediately adjacent to the site to be affected by project activities.	Significant
6.2.4.13 Need for people to enter or cross the site Excavation machineries, loaders, trucks etc. will be used in the area used to access in to the unstable slope area. There is no special need for commuters and neighbouring community to enter the site for other purposes. Construction may use materials such as metal aggregates, steel etc. which can be injurious under improper storage and handling. However, unauthorised entry of ordinary people may occur due to intentional or unintentional purposes and they may be at risk due to operating machinery, vehicles, electricity, and may be blasting materials.	Highly Significant
6.2.4.14 Cultural impacts on human remains and relatives of the graves The cemetery (not functioning) is located bordering the site. If due respect to the human remains/ skeletal/ coffin is not given there may be disputes/ complaints from the relatives of the remains. And also, there may be disagreement with people if access road to the cemetery, (currently function is bordering the site) is blocked/ altered.	Highly significant

7. Significant Environmental and Social Impacts: Social or Environmental impacts or risks that will require special measures on the part of NBRO and the contractor; Indicative significant impacts

7.1 Significant Environmental and Social Impacts

The cemetery is located bordering the mitigation area and is not currently functioning. When the soil nailing works were under process under iRoad program information about this cemetery was identified by the project team during. Then, construction works on soil nailing at the particular location were immediately stopped with the decision made by Grama Niladhari, NBRO and project team. This cemetery was being used commonly in this village. According to the villagers around the location, there are 45 graves buried at this cemetery premises and 29 graves has to be reburial out of 45 graves during the mitigation. Grievance Redress Committee GN level meeting had been conducted on 16th of June 2022 with Pahala Kadugannawa Welfare Society (Maranadara Samithi) to discuss the issue and people who are relatives for the graves were there in the meeting. The villagers are still using the closes land area of this cemetery as a cemetery. (Source: Due Diligence Report on the Exhumation and Re burial graves in the Location of Landslide area (CH: 97+830 – 97+865) – RMC 01- Colombo Kandy Road (A001)/Oriental Consultants Global Co. Ltd. In Joint Venture with Consulting Engineers and Architects Associated (Pvt.) Ltd. (CEA)).

Therefore, during the proposed process of mitigation if buried body/ skeletal / coffin is found, it should be reburied by the contractor under the direction of Engineer and consulting Mawanella Divisional Secretary, Mawanella Pradeshiya Sabha and NBRO ensuring burial graves due respect to the human remains and there will not be any cultural impacts in this case. The cost incurred on reburial to be borne by the contractor.

7.2 Priority Health and Safety Issues. Specific H&S concerns that require measures that go beyond the standard contractual requirements for contractors

The health and safety issues pertinent to this site is significant as the workers have to work on an unstable slope with a risk of falling. Such common E & HS issues have been discussed in the **ESMF**. Worker safety requirement in the construction site is more detailed under 2003 5: Safety equipment and clothing in the section 2003: Working conditions and community health and safety in the Bidding document.

7.3 Child labour & forced labour

Child labor & Forced labor is detailed under 2003.3 under section 2003: Working conditions and community health and safety in the Bidding document.

8. Environmental Social Management Plan (ESMP)

Measures to manage and or mitigate the impacts and risk. Especially the significant impacts and risks identified in sections 7 & 8. This section will include the specific recommendations and requirements of the ESMP for design stage, construction phase and maintenance operation phase.

8.1 Resettlement action plan

There is no project-based resettlement in this site.

8.2 Evacuation of people

There are 21 temporary boutiques at downslope bordering the site (6 towards Colombo + 15 towards Kandy). During the construction there wont' be a requirement of evacuation.

8.3 Procedure for removal of damaged structures, facilities infrastructure (consent from owners to remove the articles)

There is an abandoned water tank and a toilet compound located in the periphery of the project site. If these structure need removing relevant authorities are needed to be consulted to get their consent and project/contractor shall bear the cost.

8.4 Requirement for compensation for loss of property /uses due to project actions

There won't any property loss during construction. Only 2 boutiques need tobe evacuated temporary during cascade drain and catch pit construction. The owners agree to restore their boutiques opposite side (RHS of Colombo-Kandy Road) during the said construction.

8.5 Public awareness and education- needed for following areas

- i. Programs to inform and educate people in the vicinity and small boutiques owners along the mitigation site
- ii. Requirement for special awareness for commuters and the people passing through the area using the road with potentially high-risk during construction phase, signage and early warning.

8.6 Design based Environmental/ Social Management considerations

The site is located in an aesthetically beautiful, environmentally sensitive natural environment in the rural setup. Hence, following environmentally and socially significant design considerations are recommended.

Table 2: Design stage Environmental & Social considerations

Table 2: Design stage Environmental & Social considerations	Recommended level
Design feature	of consideration for this site
i. To reinstate the 51 boutiques lost during the slope failure	Very High
Project design has already considered keeping a 9 m area from the central line of the road to be kept for a UDA development plan comprising viewing desk, leisure area 2 -storied commercial area (to reinstate the 51 boutiques).	
ii. Natural resource management and resource optimized designs	High
Project specific designs should be considered to eliminate mass clearing of vegetation and minimum number of removals of grown tree species. Sufficient emphasis should be made to consider conservation of trees if important tree species are found.	
iii. Site Planning	
During site planning it is necessary to be cautious on possible re-activation of landslide with rock fall. Also, the site is located in a very limited space of a slope with a road. The vehicle parking sites, material storage and temporary shelters etc. should not be installed in the danger zones of the slides. It is very necessary to keep trained flagman or safety officer during the construction period and proper communication between contractor's workforce and the other responsible officials should be maintained.	Very High
iv. Habitat connectivity and animal trails	
If large fractions of vegetation are required to be cleared in ecologically fragile habitats as for permanent structures or for access, or if deep drains etc. are to be made the designs should include habitat connectivity features, animal trails and vegetation strips and etc. even if the impacts are localized	Low
v. Conservation of water resources	
If involves extraction of water both surface and sub-surface. The water extracted is in relatively good quality. In a well thought design this extracted water can be conveyed in such a manner that the water can be accessed people (commuters/ pedestrians/ fruit sellers in boutiques, etc.) as well as the neighboring communities for washing and other domestic purposes	Very High
vi. Interruption to water supplies	
If the water in the mitigated slope is used as a source for individual or community water supply, the chance the water source can be affected by the mitigation work is high due to water table draw down.	Low
vii. Aesthetically compatible design considerations	
The designs in aesthetically sensitive environments should consider structures that blend with natural environment to keep the visual pollution to minimum. As the tourism industry is one of the major economic growth points for the project area, greening could be used in construction activities to develop the area as a tourist attraction. Due consideration should be given to UDA development plan prepared for the area. The resettling boutiques at the downslope of the mitigation location will be controlled by UDA, Divisional Secretary Mawanella and Pradeshiya Sabha Mawanella.	Very High for upslope area
viii. Consideration of green environmental features	
As many of the mitigatory works are carried out in ecologically sensitive habitats, it is recommended to consider green environmental designs as much as possible in the designs e.g.: use of local vegetation species for erosion control, combination of plants to sustain species diversity in the environment, avoiding inclusion of potentially invasive species & etc.	High

ix. Conservation of social and Cultural features	
The local cultures and heritages are strengthened by their close connections to the natural environment that sustains them. Therefore, the project actions should be carried out considering local culture and social aspects, providing opportunities to reinforce them during the project actions.	High
x. Workers/ commuters and community safety	
Due to the close proximity to the roads people may face accidents specially the workforce during the construction phase. Unauthorized entry and ignorance may cause severe accidents around the site. Activation of slides or ground subsidence may occur during construction phase and may pose threat, passengers and commuters. Therefore, design-based safety consideration such as beams, safety nets etc. should be considered.	Very high
xi. Erosion control structures	
In drainage management, water is extracted and conveyed to nearby stream often through culverts. During rainy season the flow in these drainage structures can be significantly high and this may cause stream bed erosion. Hence the design should adequately consider flow speed breakers to reduce erosive flows entering natural streams. This should be an inclusive part of the design if there are streams and culverts in the proximity of the mitigation site.	High
xii. Low post maintenance and operation designs	
The mitigation should consider passive techniques such as gravity drains for drainage management. Correct pipe diameters, pore diameters and laying angles should be considered to avoid clogging of drains. Low maintenance structures and designs such as designs to withstand erosive forces, sediment trapping systems etch should be considered if drain water is expected be directed to natural streams. The materials used for structures and should be chosen carefully so as to withstand weather conditions with high durability. Designs should specially consider corrosion prevention techniques if steel structures are used.	Very High

8.7 Mitigation of impacts during the construction phase

8.7.1Construction contractors' requirement to comply with environmental and social management during the construction phase

Measures to manage and to mitigate the environmental and social impacts are generally common to all landslide mitigation sites. Such impacts are largely attributed to activities in the construction phase. The mitigation of impacts therefore becomes an obligation of construction contractor. NBRO has prepared a comprehensive document on "contractors' requirement to comply with Environmental and Social Health and Safety (ES & HS) management during the construction phase" to be included in construction contractors' bid document. The main sections are summarised below (Table 3) indicating the degree of relevancy for this site. For details ESMP for construction contractors should be referred.

Table 3: Contractor requirement to comply with ES & HS

Reference No. as	Item	Relevant to the project
per construction		
contractor's		
obligation to ESMP		
2002. Environmental	and Social Monitoring	
2002.2 1)	Storage on site	Highly Relevant (road reservation)
2002.2 2)	Noise and Vibration	Highly relevant (commuters,
		pedestrians)
2002.2 3)	Cracks and damages to the buildings	Less Relevant
2002.2 4)	Disposal of waste	Relevant
2002.2 5)	Disposal of refuse	Highly relevant (road reservation)

2002.2 6)	Dust control	Highly Relevant (commuters,
		pedestrians)
2002.2 7)	Transport of Construction materials and waste	Relevant
2002.2 8)	Water	Highly Relevant
2002.2 9)	Flora and Fauna	Relevant
2002.2 10)	Physical and cultural resources	Not relevant
2002.2 11)	Soil Erosion	Relevant
2002.2 12)	Soil Contamination	Relevant
2002.2 13)	Borrowing Earth	Relevant
2002.2 14)	Quarry Operations	Not relevant
2002.2 15)	Maintenance vehicles and Machinery	Relevant
2002.2 16)	Disruption to public	Highly relevant (community nearby)
2002.2 17)	Utilities and roadside amenities	Highly relevant (road)
2002.2 18)	Visual environment enhancement	Highly relevant (Aesthetically sensitive
		road section)
2002-5.	Baseline surveys (air, water, noise, vibration,	Refer site specific monitoring plan
Environmental	crack surveys)	
Monitoring	Surveys during construction (air, water, noise,	Refer site specific monitoring plan
	vibration, crack surveys)	
	Surveys during operation phase	Refer site specific monitoring plan
	Reporting and maintenance of records	Relevant
2003. Working Con	nditions and Community Health and Safety	
2003.2	Safety organization and communication	Highly relevant (unsafe slope,
2002.2		commuters, heavy machinery)
2003.3	Child Labor and Forced Labor	Relevant
2003.4	Safety reports and notification of accidents	Highly relevant
2003.5	Safety Equipment and Clothing	Highly relevant
2003.6	Safety inspections	Highly relevant
2003.7	First Aid Facilities	Highly relevant
2003.8	Health and safety information and training	Highly relevant
2003.9	Plant equipment and qualified personnel	Relevant
	on is relevant to the site as a common ESMP application	
	e contractor should pay special emphasis in the prep	
statements to ensure	e that the relevant ESMP is implemented specific to the	he site

Possibly relevant: This ESMP will be triggered if the site come across with relevant aspect during project

Not relevant: The section may not be relevant to this site under disclosed conditions

Optional: require to be implement if needed only

Refer site specific monitoring plan: Contractor is obliged to carry out monitoring as specified in the site-specific

monitoring plan

Reference: Contractors Obligation for implementation of ESMP

8.7.2 Site Specific mitigation

Table 4 summarizes the site-specific mitigation measures that the project is expected to implement during the construction period.

Table 4: Site specific ES & HS mitigation measures

	Project	Responsibility
Mitigation item	implementation phase	
i. Exhumation and re burial graves During the mitigation if buried body/skeletal/ coffin is found, it should be reburied at the cemetery near the Samurdhi Bank, located in Mawela GN Division of Mawanella Divisional Secretary Division (GPS Location – 7 014'45.2''N 80029'33.1''E.) under the direction of Engineer and consulting Mawanella Divisional Secretary and NBRO, Funeral Aid Society Mawanella ensuring burial graves due respect to the human remains and there will not be any cultural impacts in this case. The exhumation of bodies should follow procedure which was applied to reburial graves to the new location during the mitigation of the location under iRoad program. According to funding agency iRoad program; Asian Development Bank (ADB) concurrence, reburial graves to the said location and the process to be completed within one week. Step 01. Within the first 06 days, the graves in the affected area to be excavated and graves to be reserved at the location recommended by the courts. Step 02. During the final day, all excavated graves to be buried again with the religious last respects. Entire process to be monitored by third party which to be recommended by the courts. Step 03. After completion of the re burial process, a report to be submitted by the Consultants to the PMU. Relatives of the members buried in this cemetery had declared that they do not expect any compensations, objection or other benefit for the removal of the body parts re buried or after removal (Ref. Annexture V). The cost incurred on reburial to be borne by the contractor.	Site preparation & construction	PMU Construction Contractor
ii. Minimize erosional impacts during construction It is recommended that mitigation works involved with site clearance, slope reshaping, removal of debris etc. are avoided during rainy season. Therefore, it is imperative that site works in upslope mitigation are carried out in the dry season and avoid such activities on upslope area in the wet season as much as possible. This should be considered in project planning stage. Silt traps should be introduced to cut down sediment laden runoff.	Site preparation & construction	Construction Contractor
iii. Invasive species Should be avoided in using vegetative erosion control structures. Native plants in the local environment should be chosen for vegetative control. The species used for vegetative control measures need approval from the Department of Wildlife Conservation & Department of Forest.	Construction	Construction Contractor
iv Impacts on transport infrastructure (especially temporary loss of road or rail access, risks of traffic congestion) A good traffic control should be implemented in the construction stage. As there is a bend on the road adjacent to the site & the area is tourists moving area, proper road safety measures should be included with warning signs and permanent trained watchmen, luminous sign boards indicating slope instability risk and road obstruction signs, night lamps etc. are strongly recommended at this site.	Construction	Construction Contractor and
 i. Priority Health and Safety Issues As the workers in the site have to work in high-risk conditions, it is imperative to implement recommendations given in section 2003 of contractors' obligation on ESMP under "working conditions and community health and safety". These 	Construction	PMU Construction Contractor

recommendations should be followed carefully in a proper organization and safety monitoring system. • Prepare a special Occupational Health and Safety Management Plan prior to commencement of construction activities • A good warning system and fulltime watchmen is highly recommended for this site for both worker and commuter safety. • Safety barriers and safety nets should be installed at places of risk to protect workers and commuters from boulder falling risk Adoption of standard worker safety methods • Provision of personal protective equipment (PPE) such as safety boots, helmets, protective clothing goggle etc. • Provision of trainings and awareness programs to employees • Conducting hazard analysis and plan/provide adequate mitigation measures for such hazards identified, prior to carrying out major construction activities • If the wasp nest is in the vicinity, it is mandatory to use Evacuation Centres for ensure of workers' safety • Additionally, work should be discontinued for sufficient time period during rainy period as working on unstable land will be highly risky in the rainy season		
ii. Sign Boards Put up the safety sign boards prior to the construction site indicating people at work. The commuters should be aware about the construction activities through notices erected before reaching the proposed mitigation site.	Site preparation & construction	Construction Contractor
iii. Injuries due to rock particles due to explosions/ blasting Minimize all blasting activities during peak times and making awareness announcements through the blasting period. Establish an emergency accidents preparedness plan for their injuries due to rock particles due to explosions/ blasting.	Construction	Construction Contractor
iv.Minimize erosional impacts during construction It is recommended that mitigation works involved with site clearance, slope reshaping, removal of debris etc. are avoided during rainy season. Therefore, it is imperative that site works in slope mitigation are carried out in the dry season and avoid such activities on slope area in the wet season as much as possible. This should be considered in project planning stage. Silt traps should be introduced to cut down sediment laden runoff.	Site preparation & construction	Construction Contractor
v. Disposal of construction waste The contractor should pay special attention with respect to disposal of construction waste. This site is located close to a main road in landscape with a pleasing environment. Also, this main road is used by many tourists as Therefore, such waste if generated should store properly without getting washed off and dispose according to approved procedures by the PMU. Construction waste should not dispose along the road or into the drainages.	Site preparation & construction	Construction Contractor
VI. Onsite sanitary facilities for the workers The contractor should prepare temporary sanitary facilities for the workforce within the site, to mitigate open defecation of the workers.	Site preparation & construction	Construction Contractor
wii. Water for construction Water for construction works should be obtained only from the approved sites.	Construction	Construction Contractor
viii. Working hours The construction activities should be restricted to day time only. Working after 6.p.m. is not recommended for any reason due to safety issues.	Construction	Construction Contractor

ix. Need for people to enter or cross the site Possible unauthorized access to the site should be avoided by awareness, warning signs and vigilance by the contractor's full-time watchmen.	Construction	Construction Contractor
x. During construction good housekeeping should be maintained to minimize visual pollution	Site preparation & construction	Construction Contractor
xi. Worker's code of conduct Possible disputes between the labor force and the commuters and tourists should be prevented by maintaining the agreed code of conduct by the contractor. The contractor work force should follow Code of Conduct included in the Tender Document during the period of construction. Possible disputes between workforce and communities (owners of boutiques) should be avoided especially when using shared resources such as common bathing and washing places etc. To avoid disputes the contractor should arrange a water supply for construction activities and workforce requirements.	Construction	Construction Contractor
xii.Snake bites management and emergency management by accidents Proper emergency management system for snake bites (include awareness on snake bites, safety shoes while at work, first aid on a snake bite, hospitalization and admission to correct hospital where snake bite management facilities are available) should be introduced. Accidents are common in these kinds of sites. Proper emergency management unit for other accidents (first aids facilities, safety items, hospitalization facilities and transportation facilities) should be maintained for this site.	Construction	Construction Contractor
xiii. Disturbance to fauna and flora The contractor should not deviate from the design without permission from the PMU to fell forest trees, clear large section of forest trees etc. construction activities should be carried out with minimum disturbance to wild life habitats. The wild fauna niches (dens and wild animals) in found should be protected or relocate safely. Hunting and poaching wild animals and collection of valuable forest specimen are prohibited under the fauna protection ordinance and hence such activities should be strictly prohibited.	Construction	Construction Contractor

8.7.3 Monitoring requirements specific to the site

Following monitoring plan is strongly emphasized during the construction phase specific to this site. In addition to this, monitoring procedure indicated in the contractors' obligation to ESMP should also be implemented by construction contractor. The contractor is expected to indicate in the bid the ESMP procedure to be implemented along with relevant proofs of his competency. The cost for ESMP will require to be indicated as a separate pay item. The environmental and social management method statement is expected to be submitted by the selected construction contractor and to be approved by the PMU unit.

Table 5: Environmental and Social monitoring plan; construction phase

Monitoring requirement	Parameters	Frequency	
i. Baseline	Water quality (Stream)	-	
monitoring	Air quality: particulate matter	Once*	
	Construction noise	Once a month during heavy noise generation times *	
	Ground vibration	Once*	
ii. During	Water quality (Stream)	-	
construction	Air quality: particulate matter	Once a month *	
	Ground vibration	During operation of drilling machinery, boring works, or any works that generate ground vibrations*	
	Construction noise	Once a month during heavy noise generation times *	
iii. Vehicular Emission	All machinery/vehicles operational shou applicable - should be checked by the sit	ld have the emission control test certificate as the ES officer of the consultant	
iv. Monitoring agency	* A competent independent monitoring a Environmental Authority for all parameter		
v. Reporting	Air quality particulate matter- The National Ambient Air Quality standards stipulated		
requirements	under the Extraordinary Gazette, No. 1562/22 August 15, 2008 -Central Environmental		
	Authority of Sri Lanka.		

9. Labour management

Labor Influx activities impact on the local community to be minimized by elements such as worker codes of conduct, training programs on HIV/AIDS, etc.

Sound worker-management relationships, treating workers in the project fairly and providing safe and healthy working conditions is required. Responsibility is lies with the PMU and the construction contractor.

The Objectives are;

- To promote safety and health at work.
- To promote the fair treatment, nondiscrimination and equal opportunity of project workers.
- To protect project workers, including vulnerable workers such as women, persons with disabilities, children and migrant workers, contracted workers, community workers and primary supply workers, as appropriate.
- To prevent the use of all forms of forced labor and child labor.
- To support the principles of freedom of association and collective bargaining of project workers in a manner consistent with national laws.
- To provide project workers with accessible means to raise workplace concerns.

10. Preventive measures for COVID-19 that was issued by Sri Lankan national health authority

COVID-19, the novel coronavirus infection has not been totally eradicated in the world. Therefore, to prevent/ control of the spread of infection also to prevent panic situations in the event of detecting a suspected case, all contractors are required to develop a COVID-19 Preparedness plan and need implementing in the site as per the "Health and Safety Guidelines for Sri Lankan Construction Sites to be adopted during COVID 19 outbreak" Guidelines given by Construction Industry Development Authority CIDA 29th April 2020.

11. Public and Stakeholder Consultations -the public consultations that have been and/or will be held

11.1 Public Consultations

The boutiques owners; Mr. L Thisara, Mr Washinton Thisera, Mr A Premchandra were mase aware of the project, funding mechanism and benefits. They said that the boutique owners are in a society they would support the project knowing the risk of future failures and impacts on their livelihoods with the road closures during such failures. They also informed about the project specific Grievance Redress Mechanism and Project Affectted Peoples's Mechanism. Relatives of members buried in the cemetery was consulted and she explained the previous incident of founding skeletal, coffins at the cemetery during slope stabilization work, public committees and the process.

11.2 Stakeholders involved in the consultations any recommendations or agreements reached in the consultations (Refer annexure II)

Mr. S. M. A. Senanayake, the Provincial Director of Central Environmental Authority in Sabaragamuwa Province was informed about the project works and got the clearances for the project. He emphasized; landslide mitigation projects are not considered as prescribed projects in the Gazette. As the proposed project intends to reduce the risk from landslide for an emergency action, CEA approval is not needed considering the priority of the project. Mr. WGNA Bandara GN Officer of Ganethenna GN area was consulted to obtain information about the current process of boutique operation and the cemetery located bordering the mitigation site (not functioning) and the cemetery functioning at present. According to Mr. Bandara interment of dead bodies at the cemetery bordering the mitigation site is restricted. Recently two bodies were buried in a land close to the site towards Colombo, however, the land is not a registered cemetery and burial of dead bodies has not controlled by authorities.

12. Clearances, no objection, consent and approvals required for the implementation of the project

Table 6: Clearances, no objection, consent and approvals

Requirement / Approval / Institution	Relevance to the project
12.1 Project implementation	
Approval from the District Secretariat	The approvals will be required and the proposals need to be presented at the District Coordinating Committee, to which chief minister and stakeholder agencies in the district will also participate. The Officer of PMU will present the project, disclose the project details and various concerns including environmental and social issues will be discussed at this meeting. The issues arrived will be addressed in the ESMP, the decisions and recommendations taken up at this meeting will be considered in the ESMP.
Approval from the planning committee	The approval from the planning committee of the Mawanella Pradeshiya Shabha.
12.2 Approval from the state lands or	wners relevant to the project
Central Environmental Authority	Consent from District Central Environmental Authority is required as Kegalle District is under the sensitive area under Soil Conservation Act 25 of 1951.

Department of Forest Department of Wildlife Conservation	As there is no forest reservations and wildlife habitats; Department of Forest and Department of Wildlife Conservation approvals are not needed
Geological Surveys and Mines Bureau	Approval will be obtained for extraction of materials, ttransportation and disposal of earth, rocks and mineral debris. (If necessary, only).
Mawanella Divisional Secretariat	Approvals from Mawanella Divisional Secretariat will be obtained for the disposal of waste and plant litter.
Ceylon Electricity Board	Approvals from regional office of Ceylon Electricity Board will be required for power supply for site operation.
National Plant Quarantine Service	Approval from Additional Director National Plant Quarantine Service Katunayake for Director General of Agriculture under the Plant Protect Act No. 35 of 1999 Plant or seed if needed for bio—Project Managed slope mitigation shall be imported into Sri Lanka under the authority and in accordance with the conditions, of a plant importation permit issued.
12.3 Consent/ no objection/ legally bo	ound agreement from the private land ownerships
Land owner (RDA)	Signing a legally bound agreement between the land owner (RDA) and the project implementing authority allowing no-objection to remove the structures, access the land, implement construction works, and engage in long-term maintenance works

The tentative timeline for getting approval is given in the table 7.

Table 7: Tentative timeline for getting approvals

W1	MA						
	W2	W3	W4	W1	W2	W3	W4
,		-					
_							

13. Grievance redress mechanism for this site

The PMU ES officer is responsible for establishing the grievance redress mechanism for this site for impact communities. (Reference: Environmental and Social Management Framework for recommended procedure for establishment of grievance redress mechanism).

14. Information disclosure

It is the responsibility of the PMU to disclose the ES information to following agencies and organizations by indicated modes as a minimum as given in the following table.

Table 8: Proposed scheme of information disclosure

Information	Proposed agencies	Mode of information disclosure
i. Project plan (site details, design, implementation arrangements)	District CEA, District Secretariat, Divisional secretary, RDA, Other district levels Agencies, NBRO district office, AIIB	Meetings, District coordination committee, submission of relevant report to sign agreements, approvals and consents.
ii. Environmental and Social Management plan	District CEA, AIIB,	Meetings, District Coordination Committee, submission of relevant report to sign agreements, approvals and consents
iii. Monitoring reports (baseline and during construction)	District CEA, AIIB and relevant parties as appropriate	Progress meetings, special meetings, submission of relevant reports
iv. Site inspections for environmental conformance workers health and safety	District CEA, RDA, Divisional secretary, Police, State Land Owners, Grama Niladhari, District Office NBRO, AIIB and relevant parties as appropriate	Written and verbal communications, submission of relevant reports
v. Decisions taken and progress review meetings pertinent to ES matters	District CEA, RDA, Divisional secretary, Police, State Land Owners, Grama Niladhari, District Office NBRO, AIIB and relevant parties as appropriate	Meetings, submission of relevant reports
vi. Grievance redress mechanism	Relevant parties, AIIB	Meetings, written and verbal communications, brochures, posters

Table 9: Level of information gathered through consulting institutions

Date	Institution	Person contacted for information
07/09/2023 @ 11.00 hrs	Central Environmental Authority	Mr. S. M. A. Senanayake, Provincial Director, Central Environmental Authority Sabaragamuwa Province
07/09/2023 and 30/09/2023	Mawanella Divisional Secretariat Division	Mr. W.G.N.A Bandara Grama Niladhari Ganethenna

Annexure I: Images of the site condition and the consultation



Present condition of the site (03/09/2023)



Mr. L Thisara owner of the fruit selling boutique located very close to the mitigation area was informed about the project works



Consultation Boutique owner



Consultation relative of members buried in the cemetery

Annexure II: Proposed procedure for obtaining approvals from state land owners and environmental agencies.

1. Proposed procedure by RDA for approval for implementation of landslide mitigation projects in RDA reservation areas

- The design to be accepted by the RDA: The project implementing agency should submit detailed design report to RDA with a formal request on nature of approvals required. PMU should prepare above documents and should submit the documents to RDA regional office.
- ii. RDA regional office will evaluate the proposal and may call for project briefing. The PMU should provide necessary briefing as appropriate
- iii. On the approval by RDA an agreement will be signed between RDA and Project implementing agency to access the site, erect structures, and implement mitigation works.
- iv. A condition that would include is
 - A proper handing over of the project is required after the mitigation
 - RDA will do the maintenance after mitigation
 - It is emphasized that during the construction the contractor should use Personal Protective Equipment
 - At all times, the contractor shall provide safe and convenient passage for vehicles, pedestrians, and traffic safety measures, barricades, flagmen and for the night work, lights and illumination should be provided.
 - Construction waste/ excavated materials should not be a nuisance to public/commuters

Annexure III: Study team

Name	Designation	Position in the study
SAMS Dissanayake	Senior Scientist/ESSD/NBRO	Coordinating officer
VDW Sumanasekara	Scientist/ ESSD/NBRO	Field survey, Report preparation
Prabath Liyanaarachchi	Scientist/ ESSD/NBRO	Field survey, Report preparation
H Kusalasiri	Technical Officer/ESSD/NBRO	GIS/Demographic data /survey support

Annexure IV: List of references

- 1. Contractor's obligations for Generic Environmental and Social Management Plan- Sri Lanka Landslide Mitigation Project-AIIB
- 2. Environmental and Social Management Framework-Sri Lanka Landslide Mitigation Project AIIB
- 3. Resettlement Planning Framework- Sri Lanka Landslide Mitigation Project -AIIB
- 4. Felling Trees (Control) Act by Ministry of Agriculture, Rural Economic Affairs, Livestock Development, Irrigation and Fisheries and Aquatic Resources Development
- 5. Census and Statistical Report (2012), Department of Census and Statistics -2012
- 6. NBRO report Ref No. NBRO/LRRMD/KG/MWP/LI/2021/ERR-00049.
- 7. Design Report (2021) Mitigation of the landslide between culvert no 98/4 and 99/1 Colombo Kandy Highway, Geotechnical Engineering Division, NBRO
- 8. Progress Presentation as at End of March 2023 CONTRACT PACKAGE: RDA /ADB /iRoad /NCB/RMC/01-D).
- 9. Due Diligence Report on the Exhumation and Re burial graves in the Location of Landslide area (CH: 97+830 97+865) RMC 01- Colombo Kandy Road (A001)/Oriental Consultants Global Co. Ltd. In Joint Venture with Consulting Engineers and Architects Associated (Pvt.) Ltd. (CEA)).
- 10. Initial Environmental Examination (IEE) for the Rehabilitation of Nittambuwa Kadugannawa section of Colombo Kandy (A001) Road under iRoad program was conducted by RDA in April 2020 (https://www.adb.org/sites/default/files/project-documents/47273/47273-004-47273-005-47273-006-iee-en_0.pdf).

Annexure V: Due diligence report on the exhumation and re burial graves in the location of land slide area (CH 97 + 830 - 97 + 865) - RMC 01 - Colombo Kandy road (A 001)



DEMOCRATIC SOCIALIST REPUBLIC OF SRI LANKA

Road Development Authority

Ministry of Transports and Highways

Monitoring Consultants (MC) for Road Management Contracts (RMC) of National Roads



Due Diligence Report on the Exhumation and Re burial graves in the Location of Landslide area (CH: 97+830 – 97+865) – RMC 01-Colombo Kandy Road (A001)

Prepared by:

Oriental Consultants Global Co. Ltd. In Joint Venture with Consulting Engineers and Architects Associated (Pvt.) Ltd. (CEA)

Submitted to:

Project Implementation Unit (PIU) Road Development Authority, Ministry of Transport & Highways

Table of Contents

1.	Introduction
2.	Purpose of This Report
3.	Background of Location (Cemetery Premises) - Between Culvert No. 98/4 to 99/1
3	3.1 Past Condition of the Cemetery Premises
3	3.2 Present Condition, Public and Stakeholder Consultation
3	3.3 Proposed Location for Re Burials
3	.4 Proposed Procedure for Re Burial of remains at Ganethanna Public Cemetery
4.	Justification of Re burial of remain
5.	Conclusion
6.	Annexures
List	of Figures
Figu	re 2-1 Conditions of previous Grave Area
	re 3-1 Project Location Map of RMC 01 Pasyala to Kadugannawa
Figu	re 3-2 Land slide areas between culverts 98 / 4 to 99 /1
Figu	re 3-3 Discussion with Government officers, police and people to close the Road
Figu	re 3-4 Discussion with Pahala Kadugannawa welfare society members
Figu	re 3-5 Present graves areas
Figu	re 3-6 Proposed land area for re burial of remains at Ganethanna Cemetery

1. Introduction

- Integrated Road Investment Program (iRoad) is funded by the Asian Development Bank (ADB) through a Multi tranche Financing Facility (MFF). The Government of Sri Lanka (GoSL) is implementing the Road Management Contract (RMC) under the Ministry of Transport and Highways, where the Road Development Authority (RDA) is the project implementing agency. Part of the funds is to be used for rehabilitating and maintaining about 248 km (FAM-2014) of national roads under the Road Management Contract (RMC)
- 2. The program intends to stimulate economic growth and enhance the quality of life and welfare in rural areas by improving transport connectivity between rural communities and socioeconomic centers. Enhancement of the connectivity is to be achieved through improving rural access roads linking the rural hubs to trunk road network to all weather standards and operating a sustainable trunk road network, encompassing national roads of at least in fair condition. Improvements comprise bringing selected roads to an all-weather standard through the rehabilitation and upgrading of existing carriageways and associated drainage works.
- The Monitoring Consultants (MC) for the Road Management Contracts (RMC) were selected from joint ventures of International and Local consultancy firms through a procurement process in accordance with the ADB Guidelines and this Consultancy Contract was awarded to the joint venture of Oriental Consultants Global Co. Ltd and Consulting Engineers and Architects Associated (Pvt.) Ltd.
- Currently following road sections have been awarded under RMC packages where civil works are in progress.
 - I. Karapitiya Thawalama Road RMC SP 01 /- Galle District, Southern Province.
 - Maradankadawala Habarana Road RMC 03 / Anuradhapura District, North Central Province.
 - Thalawa Kekirawa Dachchihalmillawa Road RMC 05 Anuradhapura District, North Central Province.
 - Colombo Kandy Road / Ambepussa Kadugannawa RMC 01 Western Province, Central province and Sabaragamuwa Province.
 - V. Paliyagoda Puttalama Road RMC 06 North Western province.
 - Naula to Dabulla Road RMC 07 (Kanday Jaffna Road) Central province.
 - VII. Pelmadulla Ebilipitiya –Nonagama –RMC 06 Sabaragamuwa Province.
- RMC 01 starts from Pasyala Junction town center at 44+300km and ends at Kadugannawa at 100+000km. The road section passes through populated main town centers of Pasyala Junction (39+710km 41+000km), Warakapola (56+500km 57+750km), Kegalle (76+750km 79+150km) and Mawanella (89+000km 91+500km).
- RMC 01 is located in the Kandy, Kegalle and Gampaha Districts of the Central, Sabaragamuwa and Western Provinces of Sri Lanka while the working are carried out by

Page 1 of 65

- four main contractors 1). WKK-World Kaihatsu JV Ch. 44+300km 59+200km, 2). Consulting Engineers and Contractors (Pvt) Ltd 59+200km 72+100km, 3) PND Construction (Pvt)Ltd 72+100km 86+000km, 4) MAGA Engineering (Pvt)Ltd 86+000km 100+000km).
- 7. According to the National Building Research Organization (NBRO) report, landslide has been occurred due to the heavy rain. When the construction works were in progress in RMC 01, a land slide occurred in the road section between CH.:97+826 97+963 (LHS) locations in Pahala Kadugannawa. The District Secretary, Kegalle requested the Secretary, Ministry of Transport and Highways to apply suitable mitigation process to re stabilize and improve the land slide area with appropriate standards (Annex 01). Then Project Engineer was informed by Chief Engineer, Kegalle to commence the land slide mitigation process adopting Soil nailing technique at the location as immediately as possible based on the decision taken at the Sri Lanka Parliament (Annex 02. I and Annex 02.II) and recommendations made by NBRO as follows (Annex 03 6.4 Proposed mitigation Measures)

Considering the reasons identified for the instability in the slope, the failure modes identified in the existing stability assessments, and also the proposed space acquisition excavation for the development work, the following mitigation measures are proposed to eliminate the failure threat of this location.

- ✓ Construction of Gravity type retaining wall at the toe area of the slope
- Installation of 12m long soil nail system at 2m C/C spacing in the cut slope above the proposed retaining wall.
- Provide horizontal long drains through the toe of the earth cut and middle part of the cut slope to control the development of excess pore pressures within the slope.
- ✓ Construct well planned reinforced concrete surface drainage system to control water intrusion into the soil.
- 8. While soil nailing works were in process at the location CH, 97+830 97+960 (LHS) recommendations made by NBRO, a cemetery that had been used by the villagers since 1982 was found and that land was belong to the government of Divisional Secretary of Mawanella. There is no legal registration evidence for this cemetery in order to improve the landslide area around 850m² from the above cemetery is required to be utilized out of 2100 M² area and this necessity was officially informed by Project Engineer to District Secretary, Kegalle based on the decisions provided. (Annex 04)

Page 2 of 65

2. Purpose of This Report

- 9. According to the proposed soil nailing plan utilizing of an area of 850m² from this existing cemetery was revealed to be mandatory as a part of the land slide mitigation process. The project team, therefore decided to inform the issue to SLRM ADB and obtain their concurrence for this cemetery relocation with re burial graves to another appropriate place and as ordered by the District/ Magistrate's Courts Mawanella. (Annex 05). Therefore, this report is prepared to receive ADB concurrence.
- 10. The report is based on the information available in the existing records developed by the project team for this incident, field observations and discussions held with the villagers as well as government officers who explained their concerns and suggestions for using cemetery premises and re burial of graves, detail investigations as well as recommendations of courts and explanations given by Divisional Secretary, NBRO, Project Engineer of PIU, Resident Engineer, Social Gender Resettlement Specialist, Environmental Specialist of PIC.



Figure 2-1 Conditions of previous Grave Area

Page 3 of 65

Background of Location (Cemetery Premises) - Between Culvert No. 98/4 to 99/1

- 11. Rehabilitation, Improvement and Maintenance of Colombo Kandy Road (A001) (Ch. 86+000km 100+000km) is under Road management contract (RMC) of Package RMC 01 D MAGA Engineering (Pvt) Ltd. The road section is located within the Divisional Secretary (DS) Division of Rabukkana, Mawanella and Yati Nuwara. The road passes through 12 Grama Niladari (GN) Divisions. A map of road RMC 01 D is presented in figure 3.1
- 12. A landslide occurred on 2021.11.10 between culvert No.98/4 and culvert No.91/1 on Colombo -Kandy road (Pahala -Kadugannawa area). This road section is located within the Mawanella Divisional Secretary area, Ganethanna Grama Niladarai area. Land ownership of this cemetery is with the Divisional Secretary of Mawanella.
- 13. Due to the practical concerns mentioned below, NBRO, Road Development Authority, District Secretary and the other relevant government officers decided to mitigate this section as soon as possible
 - The Colombo -Kandy railway line traverses 100 m above this landslide area.
 - . If rain continues, the danger is severe for further activation of landslide.
 - No road improvement work in this section could be carried out without mitigation of the landslide.

Page 4 of 65



Figure 3-1 Project Location Map of RMC 01 Pasyala to Kadugannawa (01/D - MAGA Section)

Page 5 of 65





Figure 3-2 Land slide areas between culverts 98 / 4 to 99 /1





Figure 3-3 Discussion with Government officers, police and people to close the Road section

Page 6 of 65

3.1 Past Condition of the Cemetery Premises

14. The cemetery premises are located Ch.97+830- 97+865 in Ganethanna Gramaniladari Division of Mawanella Divisional Secretary area. A cemetery that had been used by the villagers since 1982 was found and that land was belong to the government of Divisional Secretary of Mawanella. There is no legal registration evidence for this cemetery. In this village the religious groups are Buddhism and Christianity. The nationality of them are Sinhala. This cemetery was being used commonly in this village. According to the villagers around the location, there are 45 graves buried at this cemetery premises and 29 graves has to be reburial out of 45 graves.

3.2 Present Condition, Public and Stakeholder Consultation

- 15. When the soil nailing works are under process at the land slide area, information about this cemetery was identified by the project team. Then, construction works on soil nailing at the particular location were immediately stopped (Annex 06. I and Annex 6.II) with the decision made by Grama Niladari, NBRO and project team including PIU, MC and Contractor.
- 16. GRC GN level meeting was conducted on 16th of June 2022 with Pahala Kadugannwa Welfare Society (Maranadara Samithi) to discuss the issue and people who are relative for the graves were there in the meeting. They were agreed to re burial graves for another place with appropriate procedures and the management of the cemetery has been done by the welfare societies. The villagers are still using the other land area this cemetery and according to their request project will provide an access to the cemetery (Annex 07). With this decision, Divisional Secretary of Mawanella obtained the Court Order to relocate the 850m² area from existing cemetery with reburial the graves. (Annex 05).



Figure 3-4 Discussion with Pahala Kadugannawa welfare society members

Page 7 of 65



Figure 3-5 Present graves areas

3.3 Proposed Location for Re Burials

17. An order was issued by the District/ Magistrate's Courts, Mawanella to the remains in the cemetery (only 850m² area) at the Ganethenna Public Cemetery near the Samurdi Bank, which is located in Ganethanna GN Division of Mavanella Divisional Secretary Division (GPS Location – 7°14′45.2″N 80°29′33.1″E.). 29 graves have to be reburial and the proposed land extent will be 44.5 m² (Annex 08) for re burial process. Relative of the graves have agreed to re burial the graves in one place. Consent from the executive committee (Maranadara Samithi, Mawela) has been already issued for this relocation. (Annex 09).



Figure 3-6 Proposed land area for re-burial of remains at Ganethanna Cemetery

Page 8 of 65

3.4 Proposed Procedure for Re Burial of remains at Ganethanna Public Cemetery

- 18. As the landslide was in the Project area, it was decided to carried out the mitigation work through the project. Accordingly, Project Management Unit (RDA) and Engineer have issued Variation Order to the Contactor for applying the mitigation as per the guidelines issued by NBRO
- 19. Several times we had discussed with the relatives of the deceased. Through Divisional Secretary, submit the list of members buried in this cemetery and hereby declare that they do not expect any compensations, objection or other benefit for the removal of the body parts re buried or after removal. (Annex 10).
- 20. With the ADB concurrence, the following procedure will be applied to re burial graves at the proposed new location and the process will be completed within one week.
 - Step 01. Within the first 06 days, the graves in the affected area will be excavated and graves will be reserved at the location where recommended by the courts.
 - Step 02. During the final day, all excavated graves will be buried again with the religious last respects. Entire process will be monitored by third party which is recommended by the courts. (Annex 11. I, Annex 11. II Annex 11. III,).
 - Step 03. After completion of the re burial process, a report will be submitted by the MC.

4. Justification of Re burial of remain.

- Colombo-Kandy Road (A001) is very important road to connecting Central, Western and Sabaragamuwa Provinces. It is an urgent and essential requirement for mitigate this land slide to ensure road safety for smooth transportation.
- 22. As per the NBRO recommendation, this land slide must be mitigated and no works in this section could be carried out without applying mitigation measures. Therefore, shifting of this 850m² of cemetery and relocation is a mandatory work for carrying out proper soil nailing.
- Accordingly, this re burial graves will ensure due respect to the human remains and there
 will not be any cultural impacts in this case.

5. Conclusion

- Considering the factors stipulated in NBRO recommendation and the significance of this
 particular road, this mitigation measure must be applied with the appropriate standards.
- 25. All necessary approvals, legal clearances and recommendations were received Majestic court Mawanalla, (Annex- 05) relevant Community, (Annex- 07,09,10) relevant health department (Annex- 11.III) and Divisional Secretary (Annex- 11.II) by Project team to shift the re burial graves to another suitable location.

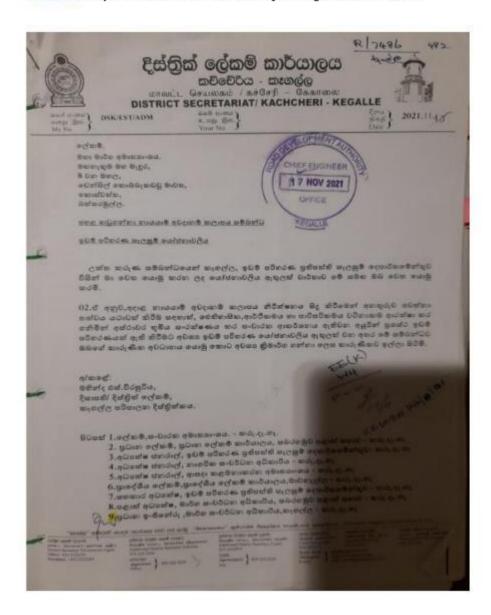
Page 9 of 65

- 26. After obtaining the ADB concurrence, the process will be commenced and within one week it will be done as per the procedure mentioned in this report. A completion report will be submitted.
- 27. The process will ensure that no any disrespect is caused to the owners and will not cause any IR impacts in the case of culturally sound facts as the process will be done with the religious last respects and the process will be strictly monitored.

Page 10 of 65

6. Annexures

Annex- 01. Request letter from District Secretary to mitigation land slide area



Page 11 of 65

TRANSLATION

Date 2021.11.15

Secretary,

Ministry of Highways,

"Maganeguma Mahamedura"

8th Floor,

Denzil Kobbekaduwa Avenue,

Koswatta,

Battaramulla.

Regarding the Lower Kadugannawa Landslide Prone Area

Land Usage Planning Proposal

I am attaching herewith the report containing the proposal sent to me by the Department of Land Use Policy Planning in Kegalle regarding the above subject matter.

02. So that, after observing the relevant landslide prone area to conserving unstable land to enhance tourist attraction while protecting historical economic and environmental value, it is included a land usage proposal to form proper land usage. So, it is kindly requesting to give your kind attention in this regard take necessary action.

Signed by

Mahinda S.Weerasuriya,

District Governor/ District Secretary,

Kegalle Administrative District.

CC	Secretary, Ministry of Truism	-f.i.p
	2. Chief Secretary, Chief Secretary Office, Local Authority in Sabaragamuwa P	rovince - f.i.p
	3. Director General, Department of Land Use Policy Planning	-f.i.p
	4. Director General, Urban Development Authority	-f.y.p
	5. Director General, Ministry of Disaster Management	- f.y.p
	6. Divisional Secretary, Divisional Secretary Office, Mawanalla	- f.y.p
	7. Assistant Director, Department of Land Use Policy Planning	-f.y.p
	8. Provincial Director, RDA, Local Authority in Sabaragamuwa Province	- f.y.p
	9. Chief Engineer, Road Development Authority-Kegalle	- f.y.p

Page 12 of 65

Annex- 02.I Chief Engineer (Kegalle) letter to Project Engineer RMC 01

මාර්ග සංවර්ධන අධිකාරීය ශ්ෂිණ් ස්ලුණ්ණණ් සඟුණය Road Development Authority	මගේ අංගය mag@scksis My No	
පුධාන ඉංපිනේරු සාර්යාලය (සහදේශ), හලිනමුව නගරය diggree (Jurifiduareni ariflunauti) (ජිනෙහෝ),නේදොහුණුර Chief Engineer's office (Kegalle), Gallgamuwa Town	දිනය ඉතිණි 2022-01-29 Date	
වදසුත් ලිපිතය මාර්ඛණ E-mail Address - <u>cekegal@rda.gov.lk</u> rdakegl@gmail.com	ดีฐาตะเนินคำผู้ในเล่ก่ะ ลูงเล่สก่ะ 035-2229554 Tel / Fax No	

වනපෘති ඉංගිභේරය, I Road වනපෘති කාර්යාලය. අතා 122/4. පුැත්සිස් මොළමුරේ මාවක, වැළිමන්තාතොට, සහන්නු.

2022.01.05 දින පැවති සෑගන්නු දිස්තික් සම්බන්ධිකරණ සම්ටු තීරණ දැනුම්දීම. පහළ සඩුගන්නාව පුදේශයේ නාය යාමට ඉස්වූ සොටස ස්ථායිකරණය කිරීම හා ජනජීවිතය පුසෘති සත්ස්වයට පත්තිරීම.

උත්ත කරණා සම්බන්ධයෙන් මා අමතන ලද කෑහල්ල දිස්තුික් ලේකම්ගේ අංක DSK/DPS/PLN/DCCME/D3/1 දරණ 2022.01.25 දිනැති ලිපිය සම්බන්ධවයි. (පිටපත අමුණා ඇත)

පතල සඩුගන්නාව පුදේශයේ නාය යාමට දැස්වූ භොවස ස්ථායිකරණය කිරීමේ සටයුතු පස්යාල - සඩුගන්නාව මාර්ග සංවර්ධන වහපාතිය මගින් නියාත්මක සිටීමට නියමිත බැවින් හා මූලංකා පාර්ලිමේන්තුවේදී පැවති සාකච්ඡාවේදී එකගවු පරිදි අදාල දින වකවානු අනුව මෙහි සංවර්ධන කටයුතු සාඩිනමින් නිමසිරීමට කටයුතු කරන ලෙස එදින දිස්තුික් සම්බන්ධිකරණ කම්ටු රැස්වීමේදී තීරණය පරිදි අප වෙන දන්වා ඇත. සුදුසු කටයුතු සඳහා සාරුණියව දුස්වම්.

(මා තා ආ) සැගරුව පූරාන ඉංචිතේරය කරන සංවර්ධන අධ්යාර්ග

පිටපත: 01, දිස්තීක් දේකම්, දිස්තික් දේකම් කාර්යාලය, සහෙල්ල. 02. විධායක ඉංපිනේරු, මාසංඅ, සහෙන්ල

- mo.cs.8.

- cc.8.

TRANSLATION

Project Engineer, I Road Project Office, No: 122/4, Fransis Molamure Mawatha, Kegalle. 09.01.2022

Dear Sir.

Inform of Kegalle District Coordination Committee decisions held on 05.01.2022
Stabilization of the landslide Pahala Kadugannawa area and restoration of people's life.

The letter dated 25.01.2022 bearing No. DSK/DPS/PLN/DCCME/D3/31 of the District Secretary to whom I am addressing regarding the said matter (Copy of the letter attached herewith)

The stabilization of the landslide area of the Pahala Kadugannawa is to be carried out by the Pasyala Kadugannawa Road development project.

We have been informed in the district coordination committee meeting to complete the stabilization work as soon as possible according to the relevant dates as agreed in the discussion held in the parliament.

Thank you.

Chief Engineer, Road Development Authority, Kegalle.

Copy- District Secretariat, District Secretariat, Kegalle Executive Engineer, Road Development Authority, Kegalle

Page 14 of 65

Annex- 02.II. Sri Lanka Parliament Decision informing letter



Page 15 of 65

TRANSLATION

Chief Engineer,

Road Development Authority,

Kegalle.

25.01.2022.

Dear Sir,

Inform of Kegalle District Coordination Committee decisions held on 05.01.2022
Stabilization of the landslide Pahala Kadugannawa area and restoration of people's life.

At the Kegalle District Coordination Committee meeting held on the previous day, attention was drawn to the need to speed up the stabilization of the landslide-prone part of the Lower Kadugannawa area and the restoration of people's lives.

Accordingly, it was revealed that the detailed plans prepared by National Building and Research Organization have been sent to the Road Development Authority and that this will be implemented under the Pasyala - Kadugannawa Road Development Project.

I would like to inform you of the decision of the District Coordinating Committee to complete the development work here as soon as possible according to the relevant dates as agreed in the discussion held in the Parliament of Sri Lanka.

Thank you.

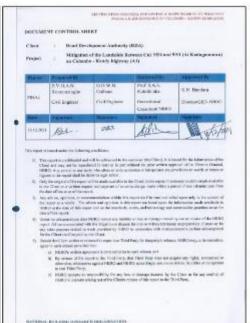
Mahinda S Weerasooriya, District Secratariat, Kegalle Administrative District

Copy- Divisional Secretariat – Mawanella Chairman, Pradeshiya sabha, Mawanella

Page 16 of 65

Annex-03 Recommendations made by NBRO

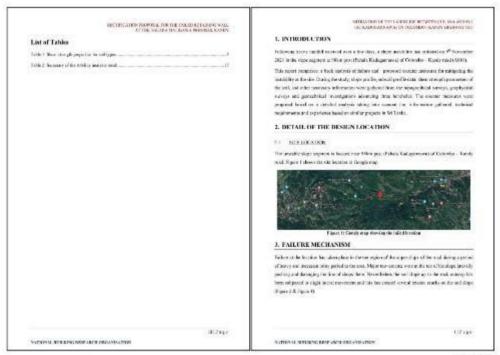




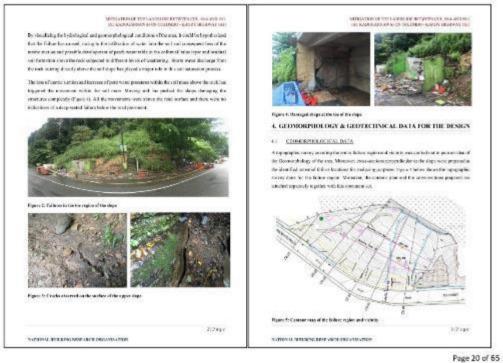
Page 17 of 65

	List of Figures
LIST OF RICINES	
Transport Transp	Figure 1. Disagle was identify the failed bearing
LIST OF TAILIS	Figure 3. Falcent in the surveying of the degre.
t. MINORCHUS.	Figure 1: Cardio electrical parties reflect of the appear dispet
2. DETAIL OF THE DESIGN LOCATION	Pigure & Thomasyd sketsen the social the slepts
21 Solenia I	Figure 2: Consent step = Flore Reference promotes about 19
3. FAILURE MICHANISM	Figure 6. Gentle, rated made proposed for the least analysis of construction 19.
4. GROWGEPHOLOGY & GROTECHNICAL BATA FOR THE BESIGN	Figure 1 Text analysis much limited composite EV6 (CSF)
4) Grouphologic risk 5	Florer II Georgia skall medial proposed for the facet sealign) of ches section 15
47 Secretariolists	Paging 5: Back are tree roads for most section 64 (FER = 0.047)
A ASSESSMENT OF THE EXTREME CONDITION OF THE REGIFT	Figure 19 Conventional mode proposal for the body and you of open surpose \$1.
1.1 - tackycop Costitions 4	Page III Makesara and barren name (I (100 1 100))
5.2 Share caregit presentes of the set USED IN TUB sections	Figure 10 Conscission wide project for coming socially previously also received H
33 Submepts 3	Floric IV Databas whiles curbate each florings senting \$1,000 - 1,000 - 5
5.4 Tricing sphility towercone	
6. RECTIFICATION DESIGN	Fig. in 19 Consideral make proposal for excess statisfic a construct of access system 47
5.1. The face of salesy for the design	Figure 15: South in stability Engine space for convenience 15 (904 – 1615)
S.F. The Design Greenje US	Figure No Geoschafori medic propared for criming statisting sessionness of penal scales (6
6.5 Design mobility armorrant	Typine 17: Delating publiky or shall equals for cross-surples \$1 (706 = 1.195)
5.4 Tropocal mitigation incoress 16	Fig. or 10 Contributed sector proposed for dealers radiative assertance of community ten Ma
5.5 Proposal Commercian sequence	Pignor 19 (Single stability analysis analysis processors (AL) (429 - 1991)
(1 Special Consideration 19	Egypte 22 for includenced model proposed for deeper scaleling assessment of covering anni ID
ANNIXITRE E-SCHOOL SURVEY ROBLES & ROBEROLE LOGS	Figure 11: Design radioty analysis restricts some review to \$1004 = 1,000 p
	The act (1: Constraint med), promot for design applifes transmiss of consecution (0)
	Plant 31: Design sold the projects soud: Express a color (1) (POS=1 M/4) 14
	Hillings

Page 18 of 65



Page 19 of 65



MITS LATION OF THE CASCISSION ACTIVITY (U.S. ASSESSED)

4.1 CONTROLINGALDATA

tendepoid copoling was date on the expected following out to describe the boundaries of the present federal, about a manifold researce and as species explose about the control of the analysis of the second of the analysis of the control of the analysis of the control of the analysis of the control of the

Further, a stands array and benefied investigations and does after about 6 forestime hand in the faddlike investigation and perhips of empty or like of y the contiguity and observation medians. Expert of the control source and no born hand so you have been reclaimed in the fence upoll of their appear.

5, ASSESSMENT OF THE EXISTING CONDITION OF THE SLOPE

ST ANALYZISTICIBURINS

The earliery of the factor location was used using Goveractor Steps W 2000 content using typesco is not use, considering the next orbital source-claims then using the factor region. Notice, the information globour claims for their terms, prological corporat, positive of service of content investigation with accommendation the materials.

The most critical consequences for the analysis was subcrast trick on the garmenth logs and also five subcrafter combiner declared to the requiredness server and geometrical record galances.

According to the generalizable, core-section March of over united. However, the generalizable investigation recorded that the advantage points as the creat according to wore secure conjugate to the correspondent of Thanking core-sections in your section of the proceedings in the core-section of the section of the core-section of the core-section of the core section.

Then, cross-section OF was and prod tribially as a face and pate, deducing the failure mode and other action to produce, at death on the most which resource resource required in the stabilisation growth. Moreover, cross-section 15 and OF was analyzed and other on the most of section across the deather with the application of the first content accounts required for which processors to be formatter than to applicate of the content accounts required for which processors to back to the content of the content accounts to the content

52 SHEAR STHENGTH PARAMETERS OF THE SOIL USED IN THE ANALYSES

that ignals at the faile a learning was deduced based on the rail packle believed through the winning survey and the based of a reptigation. Mercover, the self-time arcogin progenity, were carefully

NATIONAL BUILDING MODULABUR DRIGHTSLATING

NUMBER OF THE LANGE BY MITSPIRE (TH. SALLIKE OUT ON DAMES AND AND THE SALLIKE OUT.)

soluted one doting EFT constation is their enough properties, one experience enaloge unbillay monomorphis to do in a boat confidence, and also boat confidence before the confidence which the confidence which is an income to a facility personance for each content is no personance in Table 1 February.

Table 1. Shire storing h properties for sail types.

Self type	Neuron	2(KNW)	er onego	6"(kfs)
Takes Collectum		120	29	
Completely Weathern Rook	2	19	86	3.8
Highly Workered Resk		52	45	50
lide:		19	28	*
Amilia .		in.	20	30

33 BACK ANALYSIS

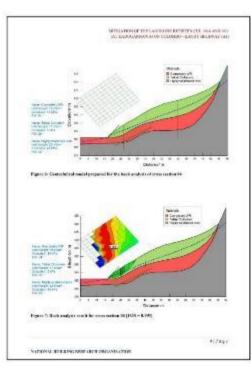
A back analysis of the latiful follow one content on to worlly the soil personners used in the generalized anothe, bytes regard, the proceedabley of the stops before the little was included without following the content of the soil of the following the backs began contented there the Google stop together with the proceedant solar for this factor, the generalized from the Google stop together with the proceedant solar for this factor, in Types 9 to Egypti 11.

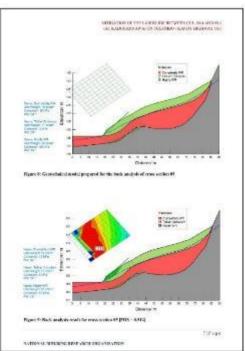
The used will their strongth permitters and go embesses table were their edjeated between percible ranges and take released follows a rises of the bask wedy-so-come can to chaptly recently the annual to leave code despited in the field investigation.

Mesons in dental to take the take and principles in our accordance in one of these shough in the call one occur the too during the moment that has the grade of take the further contribute daily the contribute and one provide actions of these contributes and the call of the contributes and the contributes

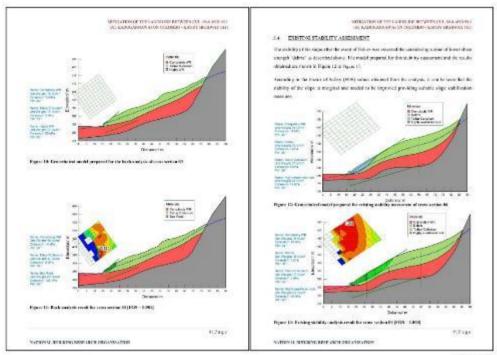
NATION ALIMEDING BOY VICE OBCANDATION

Page 21 of 65

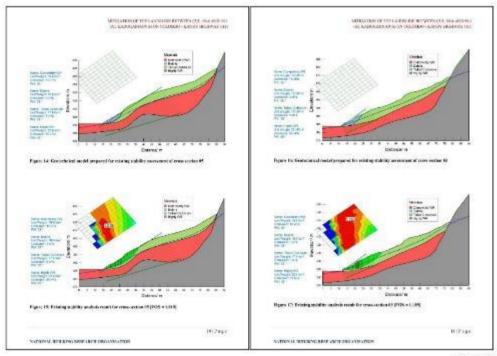




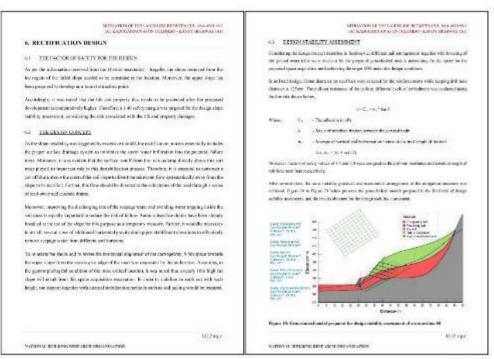
Page 22 of 65



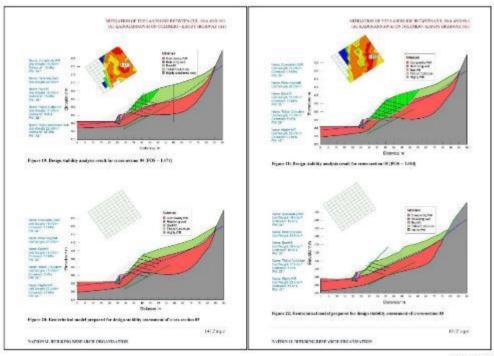
Page 23 of 65



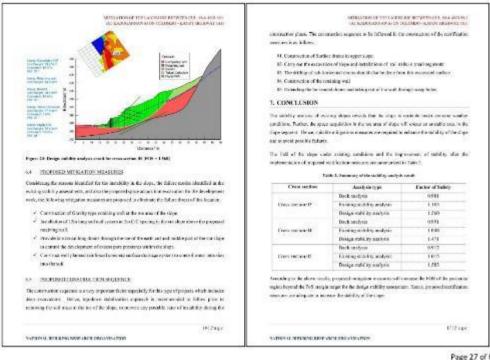
Page 24 of 65



Page 25 of 65



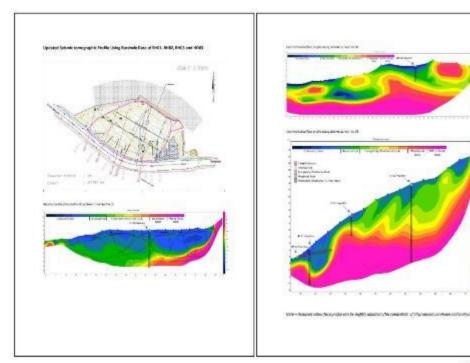
Page 26 of 65



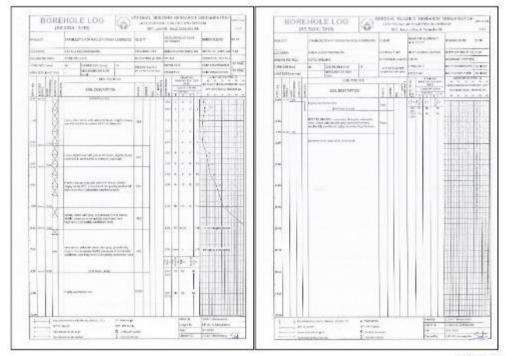
Page 27 of 65

MINISTRAÇÃO TOPA ACTUALO FETATO, TOTA COA ACTUANO (C.) (C.) SPOCIAL CONSIDERATIONS (C.) SPOCIAL CONSIDERATIONS	MINIMATES OF THE LANGUAGE ME, WITH CALL SHA (MOSS) (AT EXAMPLE) AND AN ARTHUR CALL
 To be reconstructed a composition on various metallics in adaptive the condition possible problem. The facting the construction range to well as in the post condition in range, the past in metallic of the slopes on the slopes on well as a street of the restrictive of the sequence of the slopes on the street of the sequence of the slopes on the street of the sequence of the sequence of the slopes on well as a street of the street of the sequence of the slopes of the slop	ANNEXTURE I—SEBSMIC SURVEY RESULTS & BOREHOLE LOGS
$\label{eq:problem} 18/2aq\tau$ Numbers U. The zero from each degree of the constant of	

Page 28 of 65



Page 29 of 65



Page 30 of 65

1.00	214-21-4-10-0-4	100	SOURCE STATE	-	letter.	10000	NO DECIDENCE DE LA COMPANSIONE			and the last
0.000	SOCK SHEETINGS	TO FOR THE		BCT 00 BB10	1000	COLUMN TO SERVICE STATE OF THE PERSON SERVICE STATE SERVICE STATE SERVICE STATE OF THE PERSON SERVICE STATE SERVICE STATE SERVICE STATE SERVIC	portation and	referred.		was exclusive
2010010000	0018#101			01446-015	-	SOURCE STORY	SECTION	recent of		Same mire
tolerented.	a full-compact of	1013090009	NO SEE	Jest Contacting		SOMEWHALE STATE OF THE PARTY OF	is pressure in	th (project)	and an	4010000
WEST HOUSE	BO COOLS		T Townson	46.00	reference-	had 60 her en	APRICA DO	and sequence	#15500 107000	940,0990,015 C
v s. 1114		1 . 1	10000000	40500 9550	RMC11-010-1	1. 185	680,1982	11.0	6 man an	
1 (11)	the broading	1.150	la chital-	2.4.4		11 (0.01)	000,000,000,000	3 8 .	9991900	erroren no
11 THE 10 THE	58900		PE 1 1 1	1.1077	COLUMN 1	2 34542		17 4 4 4	10000	Participant of
1 185	Annahim typym hapter samily restricted track from the second positions	44	10 1 1 1	120	23715					111111
_ B	Mark the section of the section of the section of		La Visigia	100		10-11				111111
report to be	Designation of the sections	Aut.		2.1		100				111111
	Make the fallow better the city	34	1 110	1 44 3						-14-1-1
11 -115	Robert section controls		10 0 10	-	2018	lun lun			F. 10	201010001
	Property on the relation from the factor property of the contract of the contr	34	MARKET IN		51:11:4					111111111
111 KR N.	CONTRACTOR STREET		11 1 1 1			11111	And the company of the second company of the compan	200		
H 1	with the property of the		11 (141-1)		1000	100	N. Control of Control			
100	Recording strapping agents as present species.	44	11 4 4 1			11111				
1 20	THE RESERVE ADMINISTRATION OF THE PARTY.			1000		lun I				
" 1	Buter days retroit your climate which	-		11/1	10000	100				
	Straff of the contract of the property of the contract of the	344	100 0 0 0 0	100		ELLI				00141
10 - 10	Andread Anna Committee of the Committee	14	toled to	THE PERSON	10143	Tool C			83 mm 15	Statements.
				10000	1011111	111111				
OR 3K			107	No. of Contract of	T. H. C.	140				
									State of the	
10	and the second second second second			DOM:	19111111		Extension.		2 2 2	
	And the Control and the product of the control and the control	90					0.000000		100	
	Receive district					11111				
210			to me			200				
1 19				toll (fift)	1111111		Actornal .		ARC 14	
						dol	OSCILLO IV-		200	
111						344				
				11		100				

Page 31 of 65

men.		none.		and the same	00.00	100.00	011	Section to the second	1000	Part of the Control	
	processaments	conserve	incompanies.		400	Manager 1	798	ALCO COMMON	to we do	NACHOLINACO.	MIT (4 (2) -) (4
THE PERSON	Score and and	property to the	B0712	offeren steel	9	98,1000,00	1000	6546	0.000 p. 61		999000000000000000000000000000000000000
onombes	a (40,5140 to) 4	spolony to	17000	or towns		own harmon	- 11	MUNICIPAL IN	nico nec	294994	bety countries in
April 19 Page 1	the state of the s	0.000,000	inerate.	NAME OF THE PARTY OF	S10.5	-	9	108 PROTAL		HERME STREET	Dell COLUMN TO BE
- 1 11	198,980003		March 10	-	10011-002	14 1 1	1		1 9	100 OUT	Name (Colo
i Bulli	GA RECOVER.	3 1 1 1	THE STATE OF	\$1.00 m	Access 1	17 [25] 15]	111	OR OTHER DIS	111	14-1700-1	2000 A 2 1
100		1	tadalent für		111111111111111111111111111111111111111	patient		A PARTY OF THE PARTY OF		100 1 1 1 1 1	
		11113	WW 12 10 10			00 100	1 12	parallel suppressed	10	Mater It-	THE ST
	Annual Section 1						1100	· Fillippe State by State of		W 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	499-101
77			(本) ·			1	1			100	
						10111	1 2	Consumer that the second second pro- ter is a second secon		01 4 4 4	
	contrac		100				N. Pro	Market and the transport			Acceptance of
	10746		100		132322		8 15	MARKET AND	44		HIII HE
	According to the control of				131131			the left	1"	11-27-11-11-	The state of
110	Control of Editor and Public Control of the Control				111111	100		British	-	Declarate of	
	-			88.11	111111		1.0		-	Salar a	
-	FILE ASSESSED.				141141		100	nativitation di	W1	100	
11.00	Action on other limited			16.711	11111	100 000 000		Acceptant.		11 10 2	
				16 11 10	111111					20 to 10 T	1151 7 7
					1111	100					
				19		1		C 100 TO and be retired young trees	Section 1	babala 1	
				11	11111		100	an to blacked		500 B) An	1169-1111
					1117	140					THEFT
~				ill III		63 000					1111111111
						O more	-	4 C C 40 C C C C 60 C			
++				7 1 1	4-14	24					1000
						10.84					
				-100		Date:					11111111
40						in l					
Art .											
44				1111111	111111	240		Anto de la constitución de la co		100 100	55 LL 101 L
-	Commercial District		2017	A Personal		1		manufact by the same		man.	COLUMBAN
	and strategy Branch		40	10-0414	100			Marie Warner		100	minutes .
1991			Sanith.	2.6 by contrast	5 340	9			Auto-	Contract.	inciderate 5

Page 32 of 65

Annex- 04 Project Engineer's letter to District Secretary (Kegalle) about the remain cemetery at the land slide area

	07
දිකාපයි. දින්සුන් දේශම් සාර්යාදාය, සහසුරු	
මහත්මයාගෙනී/ මහත්මයණ,	
ඒකාබද්ධ මාර්ග ආයෝජනවැඩිසටහන පස්යානු - සඳියන්නාව මාර්ගය වැඩිද්යුකක්රම හා සමන්තු සිරිම(A001) පැතේප්තුංකය: RDA/ADB/ROAD/NCB/RMC/01	
2022.01.25 දින මම විසින්ගෝමුඇංකDSK/DPS/PLN/DCCMEDD/Iලරණ මුපියර අදාලව පුරාන ඉංගීනේරු මාර්ග සංවර්ධන අධිකාරය, සංගරුල විසින් අප වෙස 2022.01.39 දින යොමු කර ඇති විසි සම්බන්ධවයි.	
පතළ පඩුගන්නාව නාය යාමට ඇත් වූ පුදේශය නැවත භාවත ස්ථායිකරණය සිරීමේ සටයුතු සදහා ජාතිය නොවනැගිළි පවියේෂණ භාගතයට ජිවින් සහස් කරනු ලැබූ සෑළුම අප වෙත ඉෑම් ඇත. එම සෑළසුමට අනුසුදුව Maya ඉංචිනේරු ආයතයට ජිවිත් ඉදිකිරීම් සටයුතු ආරම්භ කර ඇත. එම සාළසුම ලියාත්මය කිරීමේදී ජාතික භොවාගමේදී පරියේෂණ ආයතනයේ යුවණ ජෙක්ෂණය යටතේ සිදුවේ.	
එම ස්ථානයේ ජාතික ප්ළාදුවාකන හා ජල සම්පාදන මණ්ඩලයට අයන් ජල වයකියන් හා පොදු පුසාන තුමයක් පිනිවා ඇති අතර තැවරීවන කටයුතු සිදු කිරීමේදී ඉවත් කිරීමට සිදු වේ. මේ පදහා මහිතුමාගේ පුරිණ සහයෝගය ඉණිලෙන දෙස ඉණුදා සිටීම්.	
ජාතික ගොඩනැගිලි පරිශේෂණ ආයතනය විසින් අනුමත සාදෙනුම මහිතුණගේ දැනගැනීම පිණිස මේ සමග අමුණා ඇත.	
e8aC.	
Eulinia,	
Chief and ord	
0772821679/0714433691_	
වනපෘති ඉංචිභේරු,	
ඒකාමද්ධ මාර්ග ආයෝජන වෘතිසටහන.	
පිටපත් 1. පාදේශීය දේකම්, පාදේශීය මහදේකම් සාර්යාදය, මාචනැද්ගු,	
 පතාපති, පාදේශීය සභාව, මාවනැමුල. 	

9.00							
Garmerikat Telephon	Project Engineer Correct	#71623679 913 2187164 913 2186231	Dallid Historia Historia	iread.rda@gmail.com	model Opnove point Fee	111.1107164	

Page 33 of 65

TRANSLATION

District Secretariat,

District Secretariat Office,

Kegalle.

Dear Sir,

INTEGRATED ROAD INVESTMENT PROGRAM

Rehabilitation & Improvement works & Maintenance work of Colombo Kandy Road (A001) from Pasyala to Kadugannawa Section CONTRACT PACKAGE NO: RDA/ADB/IROAD/NCB/RMC/01

The letter sent by the Chief Engineer, Road Development Authority, Kegalle on 29.01.2022 is related to your reference number DSK/DPS/PLN/DCCME/D3/1 dated 25.01.2022.

We have received the plan prepared by the National Building Research Organization for the stabilization of the Pahala Kadugannawa landslide area. In accordance with that plan, Maga Engineering (Pvt) Ltd has started the construction work. The implementation of the plan will be under the supervision of the National Building Research Organization.

A public cemetery and a water tank belong to National Water Supply and Drainage Board are located at the place. Those have to be removed for construction activities.

I kindly request you to pay your kind attention in this regard and take necessary actions please.

The plan approved by the National Building Research Institute is attached herewith for your information.

Thank you.

Chamara Herath, Project Engineer, Integrated Road Investment Programme.

Copy- Divisional Secretariat – Mawanella Chairman, Pradeshiya Sabha, Mawanella

Page 34 of 65

Annex-05. Courts order from District Magistrate's courts - Mawanella

25 con : W 55Pd 8 /4035 දිකාම හෙත් ලබක රණය. මාවකැල්ල 2022.06.23 පුලේසිය ලේකම . පුදේශීය ලේකම් කාර්යාලය, **මාවගැල්ල** පතල කඩුයා (කාස කයා පත්ව පත් වූ ශ්රාකයේ ස්ථාධිකරණ සටහුත සිදු කිරීමේදී කඩු වන මිණාද සිරුරු විය අත්වී කොටස් කතෝලාල්ක සමාරව වැ.කුඩ අතුළු පොදු සුකලා කම්පේදී මිනිදන් කටය යුදුණට කරනු උමත නිශෝගය . 2022.06.20 දිනසි මංචනැල්ල පුලේසිය ලේකම පේ අංක M.W.N /SOS / DISA SA /12 /7/2 දරණ 22.06. 20 දරණ ලිපිය මහින් හා ව්යාපෘති ඉංජිගෝරු ඒකාසිද්ධ සංවර්ධන ආයෝජන වැඩ සටහන වාමර පෝරන් යන අය හෝ 22.06. 09 දිකති අංක RDA/ IROAD / RMC/ 01/GEN/07 දරණ 22.06.09 දරණ ලිපි මගින් සහල කඩුගත්තාව කායයැමට ලක් වූ ස්ථානයේ ස්ථායිකරණ කටයුතු සිදු කිරීමේදී එම ස්ථානයේ මළ සිරුරු කතුවන්වෙන නොකලවට වන සූ තුම්දැනය කිරීම සදහා භාවිතා කරන මිනි පෙට්ට වල කොටත් හමු වී ඇති බවත්, ඒ සම්බන්ධයෙන් මාවකැල්ල පුරේශීය ලේකම් හා මාවනැල්ල පොලිස් ස්ථානයේ පො.ප සංජීව බංඩාර විසින් සිදු කරන ලද විපිරිගෙනරේදී රක්ෂිත පුදේශයක් වන ඒකි ස්ථානයේ පුදේශයේ මළල පිරුරු මිහිදන් කිරීම සදහා භාවිතා කර ඇති බව අනාවරණය කර ගෙන ඇත. කට දුරවක් එම ස්ථායිකරණ කටුසුතු සිදු කිරීමේදි එම ස්ථානණයන් මළාල සිරුරු වල අත්රී කොවස් හෝ මළ පිරුරු මිනිදන් කිරීමට භාවිතා කරන මිනි. පෙටට වල කොටස් හමු වීමට ඉඩ ඇති බව වශපාති ඉංජිකෝරු මහතා සේ හා පුදේශයේ වැඩිසිට පුරවැතියන් සේ මහය වී ඇති බව ස්ථානාධිපති මාවහැල්ල විසින් මා වෙන වාර්තා කර ඇත. එසේ කෙයින් පහල කඩුණේතාව නාය යැමට ලක් වු ප්රානය ස්ථායිකරණ කටුයුතු සිදු කිරීමේදී. මිනිස් සිරුණු වල අත්වී කොටස් හෝ මළල සිරුණු මිනිදන් කිරීමට සාවිතා කරන මිනි සෙටව වල කොටස් පසු ප්‍රවාස කතෝකැක්ත සමාවයි බැංකුව අතල සිහිට සුභාන කුමියේදී ඒකි සිරුණු කොටස් වලට අවමත් සතාවන පරිදි වළ දැමීම සඳහා මෙයින් ඔබට නියෝග කරමි. දිපා/මන්තෝලාස් අධිකරණය, සංවාදල්ල 2022.06.23 දිකා විනිසුරු/එහේස්ලාක \$80 / මහේස්ලාන් අධ්යාරණ මංචනැල් ප

Page 35 of 65

TRANSLATION

Case No: AR 22698/2022

District/ Magistrate's Courts Mawanella 2022.06.23

Divisional Secretary Divisional Secretariat Mawanella

Order regarding the burial of parts of skeletal remains of human bodies at the cemetery located near the Samurdhi Bank at Ganetenna if they are found when conducting stabilization activities at the location subjected to earth-slips at Pahala Kadugannawa.

It has been revealed by investigations conducted by Inspector of Police Sanjeewa Bandara on reports submitted by the Divisional Secretary, Mawanella by his letter number M.W.N./SOS/DISA SA/12/7/2/ dated 22.06.20 and by the Project Engineer of the Integrated Road Investment Programme, Chamara Herath by his letter number RDA/IROAD/RMC/01/GEN/07 dated 09 June 2022, that parts of coffins used for burial has been found when conducting stabilization activities at the location at Pahala Kadugannawa that was subjected to earth-slips, that this location which is a reservation has been used for burial of human remains.

The Officer-in-Charge of the Mawanella police station reports to me that it is the belief of the Project Engineer and the senior residents of the area that more such parts of coffins and skeletal remains will be found when conducting further stabilization activities.

Therefore, I order you that if such parts of coffins or skeletal remains of human bodies are found at this location, they should be buried at the cemetery located near the Samurdhi Bank at Ganetenna without causing any disrespect to the human remains.

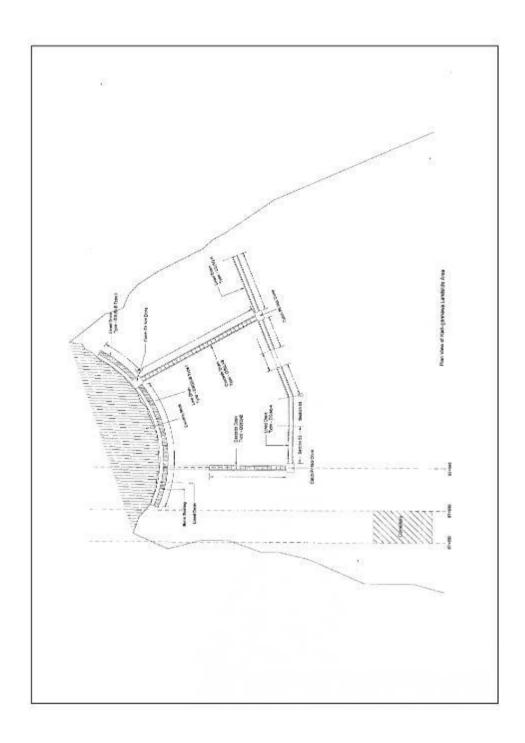
Magistrate District/Magistrate's Courts Mawanella. 2022.06.23

Page 36 of 65

Annex-06.1. Contactor informed a grave is exposed while the excavation.

print -							
in .	Marine Company of the						
	RMC Monitoring Consultants OCG-CEA JV Resident Engineer's Office RMC-01	MÄGA					
Our Ref: 503M (0864) 09566	1.6 JUN 2022						
Date: 13th June 2022	RECEIVED						
Resident Engineer,							
Resident Engineer's Office,							
No.122/4, Sir Francis Molamure Mawath	ok,						
Kegalle.							
Dear Sir,							
INTEGRATED ROAD INVESTMEN	T PROGRAM: REHABILITATION	, IMPROVEMENT					
AND MAINTENANCE OF COLOMB							
CONTRACT NO. RDA/ADB/IROAD/	NCB/RMC/01-D						
SUB: COST PROPOSAL NO.15: MITIGATION OF THE LANDSLIDE BETWEEN CUL.98/4							
& 99/1 (@ KADUGANNAWA) ON COLOMBO - KANDY HIGHWAY							
OBSTRUCTION FOR EXCAVATION	\$						
Please note that a grave is exposed while	carryout the excavation at cemetery are:	(refer attached plan)					
for soil nailing in landslide between culv	ert no.98/4 and 99/1. Therefore, execute	the work in ahead is					
held up and it is subjected to idling the Sc	ub Contractor.						
Hence, you are requested to take remedy	action for overcome the same matter as	soon as possible.					
Any delay for execute the work in ahead shall be subjected to claim of additional time and cost under							
Sub-Clause 8.4 (d) (Extension of Time for Completion and 20.1 (Contractor's Claims) of the Conditions							
of Contract.		00G454 /V					
Thank you.		DEALESTONCE BRIME OF A RELD					
Yours faithfully,		OFFICE INCOMEND NO					
MAGA ENGINEERING (PVT) LTD	EA FB						
()	3						
H.G.P.Jeewuntha		CARDON BUREAU CONTRACTOR CONTRACTOR					
Contractor's Representative	CE	-10 -20					
Ce: Team Leader - OCG JV CEA		ALCONOMIC TO THE PROPERTY OF T					
CO TO CEA		83 V					
WINNER OF FAMPOA GOLD ME	DAL AND CIDA ANNADO FOR CONSTRUCTION EXCUENT	ac -					
Mag	a Engineering (Pvt) Lid	Married (Clares) (Special Science)					
	Construction Engineers 10	at the same of the					
200, Hawatia	Conventuation Engineers Plend, Planshoopita, Colombo 65, Sri Lanks Lanks 44 Fax: +04 11 290 6946 & +04 11 290 6947						

Page 37 of 65



INTEGRATED ROAD INVESTMENT PROGRAM MONITORING CONSULTANTS FOR ROAD MANAGEMENT CONTRACTS OF NATIONAL ROADS



ORIENTAL CONSULTANTS GLOBAL CO. LTD.

Joint Venture with

CONSULTING ENGINEERS & ARCHITECTS ASSOCIATED (Pyl.) LTD.



Our Ref: RMC-1/ENG/RE/1D/22/297

17th June 2022

Project Manager, Maga Engineering (PVT) Ltd, Project Office, No.20/1, Kandewaththa Galathara Mawamella.

Dear Sir.

Contract Package: Rehabilitation, Improvement and Maintenance of Colombo - Kandy Road (A001)

Contract Number: RDA/ADB/iROAD/NCB/RMC/01-D

Subject: Obstruction for Excavation.

Your reference: 503M(0864) 09566 dated 13th June 2022.

Note that the sub-contractor's (Finex) work has not been held up due to the encountered grave, instead work near grave has been temporarily stopped & sub-contractor has started slope excavation from 97+875 onwards & drilling soil nails subsequently. Sub-contractor can proceed works of slope excavation from 97+880, drilling of nails, excavation for lined drains & other rock blasting without any hindrance.

During the meeting held on 16th June with the participation of representatives of Engineer, Employer, NBRO, villagers, Finex (Sub Contractor) & you, villagers informed that they have no objection in shifting the grave to another place. Both Employer & Divisional Secretary are in the process of solving the problem as soon as possible.

Therefore, you are requested to proceed with the work in the available area.

Further, it is noticed that from the New year season until the start of June 2022, hardly any work has been carried out by the sub-contractor other than rock blasting.

This is for your information and further consideration.

Thanking you, Yours faithfully,

N. U. Akwatta

Resident Legiorer SUIG-81 1Read RMC Musibolog Gases Atracts OCG-CEA AV

Resident Engineer -RMC1

Monitoring Consultants for Road Management Contracts of National Roads.

Attachment

CC: 01, PE 02, TL 03, DTL 04, CE-2D 05, NBRO 06, SGRS 07, Esp. 08.

Resident Engineen's Office, OCG-CEA JV, No. 172/4. Sir Francis Molamure Mawatha, Welimannathota, Kegalle. Email : reofficer:m i @gmail.com

Page 39 of 65

Annex- 07. Meeting minutes and concern letter - Pahala Kadugannawa Welfare society (Maranadara Samithi)

ඒකාබද්ධ ආයෝජන මාර්ග වැඩකටහන(IROAD) අස්යානු - සමුයාන්තාව මාර්ගය සංවර්ධනය පිරිමි.

පහල සඬුයන්නාව නය නිය ස්ථානයේ ඇති පොළ පුසාන භූමිය ඉවත් සිරිම සම්භන්ධව ගනු දැකු මාසිවඩු සහස තම්වුව

කම්ටු චාර්තාව

සාදේශ්වය:

ඒකාවල්ට මාර්ය ආයෝජන ව්වේසවනත සරසේ පස්යාල සමුගත්තාව මාර්ගය සංවර්ධපය සිරීමට සමහාමීව ජාතික හොඩහැනිම් පරියේෂණ භායසනයේ කැලසුම් වලට අලකුලව පසළ සමුගත්තාව භාය යාමට ඉස් වූ පුළේශය හැවස ස්වාධිකරණය කිරීමේදී එම ස්ථානයේ පවස්වාගෙන යනු යනු පොළ පුතාන කුමයක් එම ස්ථානයෙන් ඉවත් කිරීමට අවශා විය.

මේ පිළිබඳව සාකච්ඡාවන් පහනු සචුයන්නාව ගම්වාජින්, ශුණ සිදුධාව පුමන්, මරණධාර සම්ප්රේ සභාපති පුණන්, සාතික හොරාගැනිවූ පරියේෂණ ආයතනයේ නිදුධාවන්, මාර්ග සංවර්ධන අධිකාරය, උපදේශය සමාගම සහ සොන්තුන් සමාගමේ නියෝජිපයින්ගේ සාසාගනීත්විකයන් 2022.04.16 දින පෙ.ව 9.00 ට පහනු සඩුගන්නාව හාය නිය ස්ථානය අසදේදී සංවර්ණවිති

සහභාගි වූ පිරිස:

4/05 48	08	(00500	5000
91	වර්.එම්.චාමය හේරත්	මාර්ග කාචර්ධන අධ්යාර්ග	Doord guidentic
02	čel SE ggal Egzadaŭ	Coedeo olixalii	යට්තරේල මට්ට්රිල
001	5.d 5.od8d	Сообма врем	කුමාප් ආරක්ෂණ සහ සංවත පදිංචි කිරීමේ විශේෂණ
04	elfo pocessodies	උපදේශක සමාගම	coop Englance
00	DE STILSE SCEPT	මාර්ග සංවර්ධන අධ්යාර්ය	පරිසර හා සමාජ ආරක්ෂණ සිදුරාරි
06	0.0.66 pmedpc	උපදේශන සහසෙන	1000 B600
07	JISO JE HOWENS	Custinu ugung	mines exceleran exposió
CE	Bryth dominon	Fedilita buglious	5550 BgC15
09	හිසිර කුණර	eaved a grane	ménd andalein Skolinió
01	officeror economic	eanelgod altook	Thin in
11	රි.සී.යු.අයි.ස්පර්වරය	ත්තික නොවනැතිවූ තර්ලේෂණ ආයක්ෂය	
12	68.08.65.65 ad 68000092	සාදේශීය සල්පති සාරිපාළය	ලාම නිලධාරි - ආසේකයේග

- Page 1 of L

Page 40 of 65

එහිදී දැක්වූ පදහස් හා යෝජනා

එහිදී එක් එක් පාර්ශවයන් දැක්වූ අදහස් සහ එසහභාවයන් පහසින් දක්වා ඇත.

පොදු සුසාන තුමියක් ලෙස එම ස්ථානය දීර්ෂ කාලයක් තිස්සේ පහළ සමූහන්නාව ගම්වාසීන් විසින් පවත්වාගෙන යන මවත් සුසාන භූමිය එම ස්ථානයෙන් ඉවත් සිරීම පිළිබද ගම්වාසීන්ගේ අසමැත්තන් තොමැති බවත් පුසාශ කරන ලදි.

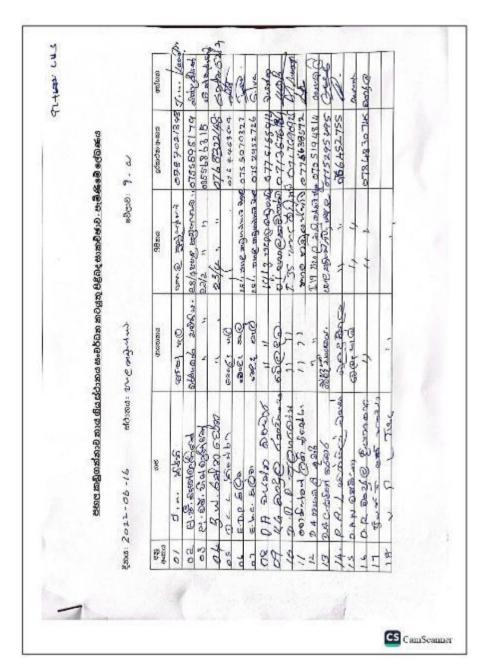
තවද සුකාන භූමියේ ඇති අවශේශ කොටස් වෙනත් සුදුසු ස්ථානයක සැන්පත් කරන ලෙසක් ඉණුගු සිටියන.

ලෙසුව කරගත. තවද ඔවුන්ට සුසාන කුමියක් ලෙස පවත්වාගෙන ගාමට සුදුසු වෙනත් ස්ථානයක් කඩිනමින් ලබා දීමට සටයුතු කරන ලෙසද ගම්වාසීන් ඉල්ලා සිටියන. දාලේශීය ලේකම්තුමිය සමග සාකච්ජා කොට සුදුසු කුියාමාර්ගයක් ගැනීමට සටයුතු කරන බවද

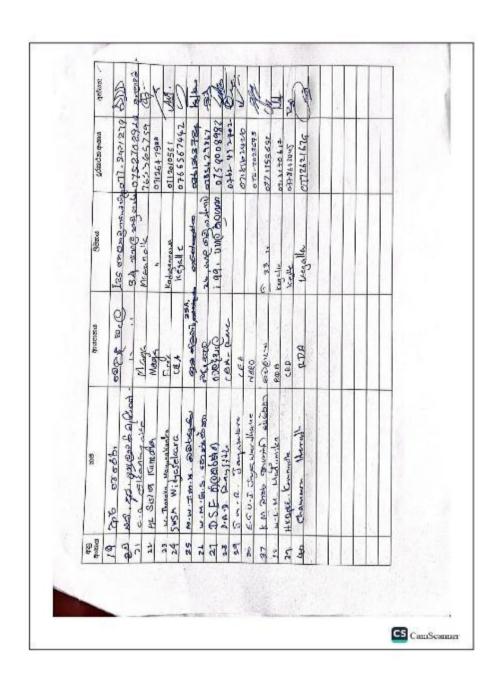
දුකාශ කරන ලදි.

අත්තම

H.M. චාමර තේරක් වනපෘති ඉංජිතේරය මාර්ග සංවර්ධන අධිකාරිය



Page 42 of 65



Page 43 of 65

Photographs













Page 5 of 5

Page 44 of 65

Integrated Investment Road Programme (iRoad)

Rehabilitation, Improvement & Maintenance of Pasyala - Kadugannawa road section.

Grievance Redress Committee regarding the removal of the public cemetery at the

of the Pahala Kadugannawa Landslide area

Committee report

Introduction

In conjunction with the development of the Pasyala-Kadugannawa road under the Integrated Road Investment Program, in accordance with the plans of the National Building Research Institute, during the re-stabilization of the Pahala Kadugannawa landslide area, it was necessary to remove a public cemetery that was maintained at that place.

A discussion in this regard was held on 16.06.2022 at 9.00 a.m. near the landslide site of Pahala Kadugannawa with the participation of the villagers of Pahala Kadugannawa, the village official, the president of the mortuary society, the officials of the National Building Research Institute, the representatives of the Road Development Authority, the consulting company and the contract company.

Participants

No	Name	Institute	Designation
01	H.M.Chamara Herath	Road Development Authority	Project Engineer
02	S.W.S.Widyasekara	Consultant Engineer (CEA)	Construction Engineer
03	D.A.D.Ranjith	Consultant Engineer (CEA)	Social Gender & Resettlement Specialist
04	R.Karunarathne	Consultant Engineer (CEA)	Environment Specialist

Page 45 of 65

05	W.L.M.Madumika	Road Development Authority	Environment & Social Safeguard Officer
06	D.D.S.Gunasekara	Consultant Engineer	Environment Officer
		(CEA)	
07	R.B.Jayasekara	Consultant Engineer (CEA)	Social Officer
80	C.R.Ekanayaka	Contractor (Maga)	Environment Officer
09	Sisira Kumara	Contractor (Maga)	Social Officer
10	W.Tharaka Nayanakantha	Contractor (ELS)	Technical Officer
11	E.G.U.I.Jayawardhane	NBRO	Technical Officer
12	M.W.J.M.K.Bambaradeniya	Divisional Secretariat Office	Grama Niladhari

Comments and suggestions made there

The views and agreements expressed by each party are given below.

It was stated that the place has been maintained as a public burial ground by the villagers of Pahala Kadugannawa for a long time and the villagers have no objection to removing the burial ground from that place.

They also requested to bury the remains in the cemetery in another suitable place.

The villagers also demanded that another suitable place to be maintained as a burial ground should be given to them as soon as possible.

It was also stated that appropriate action will be taken after discussion with the Divisional Secretary.

H.M. Chamara Herath Project Engineer Road Development Authority

Page 46 of 65

ලාම්මාතිව, 4 නමළ ඉමුනුනනම, 2022-04-16 වත තරම අධ්යාජන සාර්ත සංවර්ධව අධිවර්ධ, අතළ අනුගර්වාම ක්රේග කරමර්ධව එහෙනුම්ය -ජනලි ඉතුගන්නාව වාස නිය ස්ජාන පයි අතිකරස් ඉතිරිව මුල්ලිව අතද ඉමුගට්වාම වාය ගිය ස්ථානයේ ජුම්කයේ ඉරිර වරයියේ සම්භා කතාවදාය වෙනුවා වෙනවී විසාව කිල්ලේ මුවට ඇති අතරග්ත පතාවන් මව ක්රාවපය වි මාවේ මේ වෙතත් නුදුනු ස්ථාවයට මැට්රම නිවිම ණළතා වට යුතු ලයදීට සබවර වලය**ර ව**ත ගමමාතිළු දේ විජායි ආපියට වතාවැති අව කළහරි වර්මු. න් පෙර්ම නුණාව දෙවරයි නිරමර්ඛව පවලිනු வதவை அவலை வூக் கவைக் இவ வர்க்கைய் கத இத்த වට නොවන වූහාව ජුවාරාවේ වට නැම්ථ ආයට විවරණ බර්ජුව කාර්ගය කුවත වදව පවට ලටුණ නාරුණිමම 0.000 psg. de 65. රවරට . ජනවනමුගර්රත のものもる。 පුල්පට. 5500 *D0 THE SANDAM, THE D. D. P. Allmon (1) D. R. P. BOSSAS J. w. Leader ඉහළ ඉහුගර රාම, නිගුළ. (2) J. G. 266 1/2 ODEOBOAN, BUE (3) නොස්ථාර ලබ මහේත Jan une agrapa sour 4 DA-C-assort 60006 11 21 5 ARRYHAVARAS 6 R.Ba.R. Elen 10 10 da

Page 47 of 65

73.	@50s	ಇರ್ಥನ.
8. 250 min 6 mis	स्मार अव्यापन के में माट	6108
9. H.P. 608012	70 0	8636363
to wing audos	THE Petral Kudingarmany Hingline	OFMEN RE
uR-H A Niganka		8-2-70
HADRIE GRACK WITH TO	734 - 4 10	286
14 300 oxist.	Iss smoreogna file	28
15 meser)	7 29 17 17 17	Lac no
K. 25 d. as estocan	3001 0 0	02000 PC
17 මදලිරී පුහුම්ග	30 / වහල සමුවන්න හිතුල	6000
18. dad eson	50/1 500 500 400 Dago.	mosty.
19 विकार के किए विकार किए है।	as were mandore frame	A. L. Trace
20 EK ද කිල්මා 21 - 7 - L නිසෝරා	28/1 දහල කමුහන්නාව ආර්ච ව\$/1 දහල කමුහන්නාව ආර්ච	O3obyi
21. 1. J. E. Moone & South	The state of the s	-50-
HUMB BOD HERESTS ES		WIMZ SU
१५ दिन क्रिक्ट कार्यक्ष कर्मिक १५ ४ - 25 हम्में विकास	4914 1 4 N 10	egazigu.
වා මී එන් ජි තලකුරින්න	199/1 29/2 11 119 119 119 119 119 119 119 119 119	Salas
27 M T D stocks	1 93/0 2550 mp on 250	escare)
28. ල. ව. මලේල දිසානායා 29. ල. ව. මලේල දිසානායා	I 25/8 අබජි ඉතිබනුණම අවජ	elabiers)
JODA SUM DOWN	1413 11	DW48
32 7000 DE 1000	64	Sal
33 V P L TISSEL	2000	Delar
34 B.M. Ledd Games b	1 000 h	6
35 5 2 Historia	Pehala Kadiganrawa, Hingula	Day
36. S. P. Rani	7 2013, Pahasa Kadagamana,	(200 V

Page 48 of 65

200	8 Agus	3020
37 Krishamhi	No so, Pahala Kadugannan	a, re was
ge DCL Freibo	Hingula	La
11.60003@600	201-10 8 20 @ 20 min	Sugar Klake
40 B W. Salos		1. SADE2
42 Z 34 Bendu		" 325.37.
43 w M-soctosò cos	DED 26 , 31	1) Sil
45 @ 5 8242 @	m 1 12/3, some regular- none	e A Da
2 2 1 7 Class	I The waster Dus	ভূমায়ক না ক্রমান
400 1 40 10 10	14 T/361 20 ST DA 0000000 11	TE molla
50 W.M. @ Roselain) con
D.A Sasanla	11. Er @ one are sommi	no 2

Page 49 of 65

Villagers,

Pahala Kadugannawa.

16.06.2022.

Project Director,

Road Development Authority,

Pahala Kadugannawa Development Project.

Dear Sir,

Reconstruction works at the Pahala Kadugannawa Landslide area

We would like to mention that there is no objection from the villagers regarding the removal of the existing part of remains from the existing cemetery which is an obstacle to the soil stabilization work at the site of the Pahala Kadugannawa landslide and bury them in another suitable place.

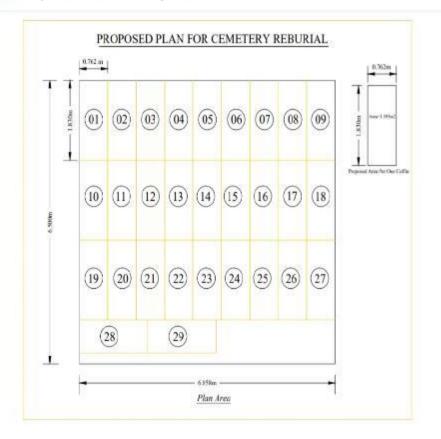
Also, we kindly request to prepare an access road to the remaining land which after getting the necessary land for soil stabilization.

Thank you.

Villagers,

Pahala Kadugannawa

Annex-08. Proposed Plan for cemetery reburial.



Page 51 of 65

Annex-09. Consent letter Mawela Welfare society. මාවෙල අවමංගලාසාධාර සමිතිය (ලි.ප. අං. කෘ/මාව/සු/95) (ආරම්භය: 1986) මල්වතු විභාරය 5: c.mu: 0.716754853 මාවේල - නිතුල තේවාසික ඉංජිතේරු මාර්ග සංවර්ධන අධිකාරීය පුැත්සීස් මොලමුරේ මාවත ක්ගල්ල මහත්මයාතෙනි. ඔබේ අංක RDA/ROAD/RMC/01/GGN/12 දරණ 2022/07/12 දිනැති ඔබේ ලිපිය නා ವೀತರ ගතේතැන්න පොදු සුසාන භූමිය භාවිතා කිරීම සම්බන්ධව 2022/07/17 දින පැවැත්වූ අප සමිතියේ මහා සභා රැස්වීමේදී සාකච්ඡා කළ බවත් මෙම අවස්ථාවේදී පමණක් මෙම ම්යගිය අයගේ අස්ථි කොටස් හා මිණි පෙට්ට්වල ඉතිරි වී ඇති කොටස් ගනේතැන්න පොදු සුසාන භූමියේ මිහිදන් කිරීමට ඉඩ ලබාදීම සුදුසු බවත් තීරණය විය. එබැවින් ඔබ ආයතනය මගින් මේ කටයුත්ත සඳහා දිනයක් යොදා ගන්නා විට එදිනට අප සමිතියේ නිලධරින් කිහිපදෙනෙක් සහභාගී කිරීම සඳහා අප දැනුවත් කරන ලෙසටත් මෙයින් ඉල්ලා 838. මාවේල අවමංගලභාවාර පමණිය 35 88 PER VERS A ලේඛම මාවේල අවමාගලනාධාර සම්භිය මාවෙල මල්වතු විහරය, මාෂවල, නිංහල.

Page 52 of 65

Residential Engineer

Road Development Authority

Fransis Molamure Mawatha

Kegalle

Dear Sir,

Reference to Your Letter dated 12/07/2022 being your number RDA/IROAD/RMC/01/GEN/12

We had a general meeting on 17/07/2022 to discuss regarding the use of Ganethenna cemetery for bury parts of remains.

It has decided to bury parts of remains and parts of coffins in Ganethella public cemetery only for this occasion.

So, we request you let us know to participate a few officers from our society when suggest the date for this work.

Secretary

Mawela Funeral Aid Society

Mawela Malwathu temple,

Mawela, Hingula.

Page 53 of 65

Annex-10 No objection letter for the removal of the body parts re buried



Gelma lacette contended suss aldenanto suppor 820@ majanalana for@ 2022 1014

300 dasor adead aprov shedgen admit anyonear @ poseced

> அவத் அதிலாகுவை வைகுவ அறுவை வுற்றவு வைக்கிற Appen ografialent applicate consel accorde eng gana aposted (araldes apose gare) danged from 200000000

Bana かりな 2000日本日 2022 10112 かみ をあ のる .80.00 ව වර්ග කලමාර් ප්රත්ර මත ක්රම ර ලබා කිලාව - co පත්තුමක විශා කත ක්ර පත්ත පුද්ගල ගින් කරන කුරණින් නමාන දිගනන්ත්තම පමණක ලදි.

200 නිරාජනයක් ලක් 25 බම දැකෙන් අතර stages some gua agricula comad acceptancial (අවයම්ක නමාමත් නිදු 6කාව) යාරම්කාවම්ක 6කාල පුණාතා 20050 Stages abon 600 000 ESS.

Dann නේකා නියු ක්රීමේදි දැමණෙන මත එලක්ක 20 வகையே அமை ஆவை ஆகை கையையி இக அகம், இடவுவ க்கில் ஓடுக் அடுக் வவர்களை, வகைகிக் விவாக கடு Danaston and was an government in what was 200 Siss.

कार्ने कार स्थापका प्रकारिक विकास कार्य के के anadamented and advance agreed atom zoob, கத்து கலை ஆகி இற்ற கலைவ் இவர் கலேற்ற and weed seed of ergan stood annound early තුලයි බහුලානයකු යිය ගැනුනු හිතුයා අත අතුනු කුණ්ඩා කිරෙන. පුමු ආවලුවක ආක්ෂයේ එම පෙරම නොගේ නියා නිර්යාග කළුණ වෙන්නේන් සුන්කෙන්නර්ලය නොම වලන වෙන් නොරුණිම නිල්ලා කිරිම.

න්ස්තර පතන ක්රේ වූත්තා ඇත.

manua - 3 a . Sod a sol

විශ්කත් අවමර උපාචාර සමිනිය පතල සමුතේ ව හිතුර සහය කරණ පාර්ර

Page 55 of 65

	ලිකදුන් පල	do eque	dear	eve.		
dan dan	Station typodal soft	िन्दि कान्सी	Section The on		මයනය සුනුවේ පුංගය ආවශ්/ කාර්තරුයේ ගම	cham
	බම හෝ පෙලි පෙරේවා	5.02 , ගල බැළ නැඟ . කළුගන්තාම	1984	Sice	සේස් මේරි පෙරේරා,	piradus
5.	පලියනේ ය.ල්නේස පෙරේස්ස	යා , යලම්දුළුගණ , පමුගණ්ණාම	1926	d.G	669 668	क्ष-भूकेल
۵	වැලිස්ලාලස් පසුස් පතුරේජා	200 , පලමිඳිපුනාක. සතුපතිභාව	1993	gista	sidd 1958 Gwello	DE 46.00
4	88 - 603 - 8580 d	ses, ம@ச்දසුනය , வ துகள்ளாற	2001	Sixo	न्याती कार्ड	
5	ಪರ್ಕಾರ್ ಆಗಡೆ	943. පල මැදුගත සමුපස්තම	2005	give	880 460 6000	Signs:
c	कारणात्रीचेत्र सम्बद्धाः	992 240 mga	2012	5564.00	Der som	altr-
7	Cowd odnas	18/2 EM® THIS	2000	06.0	Der Robbn	die
90	ස ස නෙලන්නෙ ප ස	1 1/4, esse manuface, sign	2017	Street	ජාගම ලබ්දුලින	vehra
٩	ම සි සුරල් ප්දෙන්න	Tis , esse	2005	99-cm	නිස්ති සේදිලා	- 3C ·
10	88 bande	ளவடு வற்றைக்காற் அழுக்,	Sees	-co-co	නයාන්ත ලදින ක්රම්	The Street
in.	should wissip &	I VAA. EGENALE Barker, employee englande Employee Em 2/19, employee	2016	elia.	a eq p eGe	Lake
10.	මේ අම හැදිල්කා පතින්සේ හා	majorismil ang@	1985	40	මැල්සනා ලෙස නසේරා	¥p T
13	රත්ම ලොසි සේර	-gowine . inple	19.80	News	succession and second	v.Pi
14	B.A. mbautas	Eld' Emple		ne ce	ngm early	N.ZL
(5	antidos and sodo	n, 1 en 6G	54-19.	Spine	D. A. 10 206	90522
16	takon day	Tig wood magnaland, engo In wood	2003	5500	Dec Sag	control
17	නි ඒ සේනරුන්න	The one ma		9609	Deco ao	oam?
19:	to the confinence	- orders, 4500	17.96	Shire	ы A быбы ы А быбы	Bart
19	මු උදෙන් ඔතුදෙනද	உத்வத்தை ஒவ்டு ரூர்க்க	1990	4.0	we no Established	Posei

Page 56 of 65

49	ම්කතිය පුහයේ තම	@8wm.		el.a/ 196-e	මිතවත අගයේ තුනදෙනස්/ තරකරයේ ගෙ	apalana
66	හු එද සිංගෙන	I 1/22 , EME mandona, fog?	1999	556 com	ශ A ලියාන්ණා මතැරිණි∈ෙන	Rigi
01	B. opt Consume	1 33 , සහ යි සාමු සම්පාල , සිළලි	2017	Spent	R R N K 45786	20 665
20	models caned	සහස් සමුගම්මේ, සතුලි.	2018	55 Grap	රුය වෙදන කශේ	Let
29	රෙකුල් පෞර්රා	පතුල කල ගන්නම, කලෙලිං	2012	de	2-e-appe massy	list
94	එමෙම මර්ල ගෙවරා	I 35, 5000g 电影点射加速,影响色	2016	નેન્દ્	a to done	aren
25	€ලිය <u>ලබ</u> නැස්රා	කමයන්නක, ආර්ථි නො 73 : නොළ	2417	ન્યક	ephononia (C.2)	A L. 1
26	සේ අති පක්ෂයේදීරා	7 33 , සහම මානුගන්නම , නිදල්		Disc.	සේ අතු කත් ජනත්තිය	el
2.7	ලෙස් සෙරෙහ	I 33 , පහරි පමුගම්ගම, නිලෙල		극원	em an topolico	al.
28	අර්ලි නිලිකරන්න පෙරේරා	34 , කළ ගනුගත් - තෙළ , කතුර		epione	M-M-D-D eseption	angel a
29	M . Rosedfood	500 Y45 , 000C	0.000	ન્દ્રન્યુ	P : కారుగు అంద చే	0
	CARRY CO. C.	size englanden alstral soci alstral	print.	کہ بھوں ھے اس	garul etarogei Furname volu Kileni	T.
					DB ed 28 යන මහරදේ කීය ඉම පිළබර/සාම්පිතිපුරු 26 A ගහෙනගේන් එක්සි කේල්ලා සේකුම් නොවරාම ඉවතරේම	

Page 57 of 65

Project Engineer, Integrated Road Investment Programme, Road Development Authority, Kegalle. 28.10.2022

Dear Sir,

Related to the stabilization of Pahala Kadugannawa landslide area

The report which was given by the Funeral Aid Society related to the removal of the cemetery near the Pahala Kadugannawa landslide area has been received.

According to that report, it has been reported to me that they do not ask for any objection or any benefit in removing the body parts that have been buried.

Also, the Grama Niladhari has submitted to me the list of names of twenty-nine people who have been buried in this burial ground so far.

I am kindly informed that a copy of the letter given by the Funeral Aid Society and the list of the buried persons submitted by the Grama Niladhari have also been submitted for your reference accordingly.

V.O.L.Rathnasekara

Divisional Secretariat

Mawanella.

Page 58 of 65

Secretary, Pahala Kadugannwa Funeral Aid Association, Pahala Kadugannawa, Hingula.

14.10.2022.

Divisional Secretariat, Divisional Secretariat Office, Mawanella.

The remains of our relatives buried at the Pahala Kadugannawa landslide area are

related to the burials at the Ganethenna Public Cemetery

A discussion was held on 12th October 2022 at 10.00 am regarding the above matter with the officers of the road development project, Grama Niladhari – Ganethenna, and the relatives of the deceased persons.

It is stated that a court order has been received. And I request that the buried body parts be respectfully buried in the public cemetery after religious rites.

We are not able to afford the financial contribution required to carry out the above work and for that, I request that it be done through the project that is carrying out development work at this landslide site or from your organization.

We hereby submit the list of members buried in this cemetery and hereby declare that we do not claim any objection or benefit with respect to the removal of the body parts buried or after removal.

we kindly request you that complete this removal process quickly and restore the landslide location as soon as possible.

A list of deceased relatives and details of their relatives are attached.

Seretary Funeral Aid Association, Pahala Kadugannawa, Hingula. Chairman, Funeral Aid Association, Pahala Kadugannawa, Hingula.

Page 59 of 65

Annex- 11.I Third party involvement during re burial process



Page 60 of 65

My No: MWN/SOS/DISA/12/07/02

2022.06.20

Officer-in-Charge Police Station Mawanella

Sir/Madam

Regarding the stabilization activities of the area subjected to earth-slips at Pahala - Kadugannawa

This refers to the letter number RDA/iROAD/RMC/01/GEN/07 dated 09 June 2022 and the special discussion held on 15 June 2022 at the District Secretariat regarding the mitigation of the earth-slips at Pahala Kadugannawa.

- 02. Accordingly, the re-stabilization activities of the area is being conducted under the supervision of the National Building Research Organization according to plans formulated by them. These activities are being conducted by the MAGA Engineering Organization and when earth excavation was being done at the site, signs of a public burial ground has been found and when obtaining information from the Grama Niladhari of the area it has been confirmed that this reservation has been used for burial of human remains by the residents of the area.
- 03. Hence, it was revealed at this discussion that human remains will be likely be found when conducting further excavations at this site and the assistance of an immediate supervising officer will be required. Therefore, I kindly request you to extend assistance for further action regarding this matter and to provide the services of a supervising officer.

Signed: VOLSRathnasekera

Divisional Secretary

Mawanella

Page 61 of 65

Annex-11 .ll Divisional Secretariat letter to Chief Engineer-Kegalle about courts order

gradus belost and crease		
Divisional Secretary		dieth crosso ry
onfour]	10	Your No
Orbic 9 40 dividin	5	
mid 7 mod 9 o	E.	field make in MWN/SOS
මය විශ්යා විශ්යා විශ්යා විශ්යා විශ්යා විශ්යා විශ්යාව	 IDIT 6MG-learnesses 	My No SAS/A12/0
HVISIONAL Commutation	at - Mawanella	ξma η
f-mil Secretary	A CONTRACTOR	Bagi Date
14 may 1 may		cone - coche et.
පුඩාන ඉංස්යෝරු		
මාර්ග සංවර්ධන අධිකාරිය.		
zir0.₫3		
පහළ කඩුගන්නාව නාය යෑමට ලක් වු ස්ථානු සම්බන්ධයෙන්		
සම්බන්ධයෙන්	හි ස්ථායිකරණ කටයු	කු සිදු කිරීම
රක්ත කරුණට අදාලව ඔබේ අංක RDA/IROAD/RMC/ව බැසද්	1/GEN/07 No. 2022 Co	
entine.	s) om din, ant 505₹0₽'08 \$	නැති පිසිය හා
		MIANT WINDAW
ලබා දී ඇති නිසෝගයට අනුව. මිනිස් සිරුරු වල අස්ථි අ භාවිතා කරන මිනි පෙට්වී වල කොටස් හළි වුවහොත් ය සුසාන භුමියේදී එනි කොටස් වලට අවමන් නොවන පරිදි (මේ සම්බාන්ධයෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාවයේ පෙ	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන කුමියේදී එනී කොටස් වලට අවමන් නොවන පරිදි : මේ සම්බන්ධයෙන් ඉදිරි වි.ව. කටයෙන පෙටස්	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුභාන තුමියේදී එකී කොටස් වලට අවණන් නොවන පරිදි i	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන භූමියේදී එනී කොටස් වලට අවශේ නොවන පරිදි : මේ සම්බන්ධසෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමියේදී එනී කොටස් වලට අවමන් නොවන පරිදි : මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම වී.මී.එල්.එක්.ඒකිනසේකර	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමියේදී එනී කොටස් වලට අවමන් නොවන පරිදිර මේ සම්බන්ධයෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම වී.මී එල්එස් ඒක්කතේකර පුදේධීය ප්ලේකම්	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමියේදී එනී කොටස් වලට අවමන් නොවන පරිදි : මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම වී.මී.එල්.එක්.ඒකිනසේකර	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුභාන තුමියේදී එනී කොටස් වලට අවශෝ නොවන පරිදි ; මේ සම්බන්ධසයන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙන යොමු කළ ලිපියෙන් පිව්පතක් මේ සම වී.මී එල්.එක්.ඒඩ්නසේකර පු.දේඛීය අල්කම්. මාවනැල්ල.	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුභාන තුමියේදී එනි කොටස් වලට අවශේ නොවන පරිදි ; මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙන යොමු කළ ලිපියෙන් පිවසනක් මේ සම වී.ම එල්.එස්.ඒක්.නසේකර ලාදේ.බීය පල්කම, මාවනැල්ල.	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුභාන තුමියේදී එනී කොටස් වලට අවශෝ නොවන පරිදි ; මේ සම්බන්ධසයන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙන යොමු කළ ලිපියෙන් පිව්පතක් මේ සම වී.මී එල්.එක්.ඒඩ්නසේකර පු.දේඛීය අල්කම්. මාවනැල්ල.	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමයේදී එනි කොටස් වලට අවමන් නොවන පරිදි ; මේ සම්බන්ධපෙන් ඉදිරි වැඩි කවයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත පොසු කළ ලිපියෙන් පිව්පතක් මේ සම දියාද වී.මී එල්එන් ඒකිනසේකර පුදේශීය පල්කම, මාවනැල්ල. වි.මී.එල්.එස්. පත්කමේකර පුලේශීය පල්කම,	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමියේදී එනි කොටස් වලට අවශන් නොවන පරිදිර මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත පොමු කළ ලිපියෙන් පිවිපතක් මේ සම වී.මී එල්එක්.ඒත්නසේකර ලාදේඛික සල්කම, මාවනැල්ල වි.මී.එස්.එස්. පත්තමේකර ලාදේඛික පල්කම,	ිස දැමීම සඳහා දැනුම දී අ මේ දැමීම සඳහා දැනුම දී අ	ව අසල පිණිව නා
සුසාන තුමියේදී එනි කොටස් වලට අවශේ නොවන පරිදිර මේ සම්බන්ධපයන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම වී.මී එල්.එස්.එස්.කයේකර ලාදේශීය ලේකම, මාවනාල්ල වි.මී.එස්.එස්. ගේකයේකර ලාදේශීය පල්කම,	පොතැනා සමැදිධ බැංකු පිළි දැමීම හඳහා දැනුම දී අ කියෝගයෙහි පිරපතක් ග ඉදිරිපත් කරමි.	ව අසල පිණිව නා
සුසාන තුමියේදී එනි කොටස් වලට අවමන් නොවන පරිදිර මේ ශම්බන්ධයෙන් ඉදිරි වැඩ කටයුතු හඳහා අධිකරණ ස්ථානාධිපති වෙත යොමු කළ ලිපියෙන් පිවපතක් මේ සම වී.මී එල්එන් ඒක්කතේකර පුලේඛීය ලේකම් මාවනාල්ල වි.මී.එස්.එස්. රක්කත්කර පුලේඛීය ලේකම් මාවනාල්ල පිටපත්- වා. දින්තින් ලේකම් විස්තින් ලේකම් කාර්ග	පොතැනා සමැදිව බැංකු පිළි දැමීම හඳහා දැනුම දී අ කියෝගයෙහි පිරපතක් ග ඉදිරිපත් කරමි.	වී අසල පිනිව නා. හා පොලිස්
සුභාන තුමියේදී එනී කොටස් වලට අවශ්න නොවන පරිදිර මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත පොමු කළ ලිපියෙන් පිවිපතක් මේ සම වී.මී එල්එක්.ඒත්නසේකර ලාදේඛීය සල්කම, මාවනැල්ල වී.මී.එල්.එස්. පත්කසේකර ලාදේඛීය පල්කම, මාවනැල්ල	පොතානා සමැදිව බැංකු විසි දැකීම සඳහා දැනුම දී ඉ : නියෝගයෙන් පිවපතක් ග ඉදිරිපත් කරමි.	වී අසල පිනිව නා. හා පොලිස්
සුසාන තුමයේදී එනි කොටස් වලට අවමන් නොවන පරිදිර මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත පොමු කළ ලිපියෙන් පිවසනක් මේ සම වී.මී එල් එන් ඒකිකතේකර පුලේඛීය ලේකම. මාවනාල්ල. වි.කී.එස්.එස්. ගත්තතේකර පුලේඛීය ලේකම.	පොතැනා සමැදිව බැංකු පිළි දැමීම හඳහා දැනුම දී අ කියෝගයෙහි පිරපතක් ග ඉදිරිපත් කරමි.	වී අසල පිනිව නා. හා පොලිස්
සුසාන තුමයේදී එකි කොටස් වලට අවමන් නොවන පරිදිර මේ සම්බන්ධපෙන් ඉදිරි වැඩ කටයුතු සඳහා අධිකරණ ස්ථානාධිපති වෙත පොලි කළ ලිපියෙන් පිවසරක් මේ සම වී.මී එල්.එස්.එස්නයේකර ලාදේශීය ලේකම් මාවනැල්ල. වී.මී.එස්.එස්. වශ්ෂයේකර ලාදේශීය දේකම් මටපත්. මට දින්වුන් ලේකම් වස්තින් ලේකම් කාර්ග	පොතානා සමැදිව බැංකු විසි දැකීම සඳහා දැනුම දී ඉ : නියෝගයෙන් පිවපතක් ග ඉදිරිපත් කරමි.	වී අසල පිනිව නා. හා පොලිස්
පුසාන භූමියේදී එනි කොටස් වලට අවමන් නොවන පරිදිර මේ සම්බන්ධපෙන් ඉදිරි වැඩි කටයුතු සඳහා අධිකරණ ප්රානාධිපති වෙන පොමු කළ ලිපියෙන් පිවසනක් මේ සම වි.මී එල් එන් ඒකිනතේකර පුලේශීය ලේකම මාවනාල්ල වි.මී එස් එන්. ඉත්තෙන්න පාල්මීම දේකම්	පොතානා සමැදිව බැංකු විසි දැකීම සඳහා දැනුම දී ඉ : නියෝගයෙන් පිවපතක් ග ඉදිරිපත් කරමි.	වී අසල පිනිව නා. හා පොලිස්

Page 62 of 65

Divisional Secretariat Mawanella

My No. MWN/SOS/DI/SAS/A12/07/2

2022/06/24

Chief Engineer Road Development Authority Kegalle

Regarding Conducting of Stabilization Activities at the Location Subjected to Landslides

This refers to your letter number RDA/IROAD/RMC/01/GEN/07 dated 09 June 2022.

Accordingly, as ordered by the District/Magistrate's Courts in the case number AR 22698/2022 of 23 June 2022, in the case filled by the Police in response to our letter dated 20 June 2022, regarding further action to be taken if remains of coffins or human body parts are found when conducting stabilization activities at the location at Pahala Kadugannawa that was subjected to earth-slips, they should be buried at the cemetery located near the Samurdhi Bank at Ganetenna, without causing any disrespect to these human remains.

Copies of the court order and the letter submitted to the Officer in Charge of the police station is attached for further action.

Signed: VOLSRathnasekera

Divisional Secretary

Mawanella

Page 63 of 65



සොඛන වෛදන නිලධාරී කාර්යාලය-මාවනැල්ල

MEDICAL OFFICER OF HEALTH-MAWANELLA "සුවමර දිවියට අරුණෑල්ලක්-උලදහා කැපවු හේවාවක්"

gómbo 035 2246335

Segel wese moh.mavanella@gmail.com

Translation in Contract of the Contract of the

මාර්ග සංචර්ධන අධිකාරිය ,

mingG.

පහළ කඩුපෝකාව නාය යෑමට උත් වූ ස්ථානයේ ශ්රායිකරණ කටයුතු පිදු කිරීම පමණක්වයෙන්,

ඒ අනුව පහළ කඩුකෝගෙව නාය යෑමට ලක් වූ ශ්රීයගයේ ශ්රීයම්කරණ කටයුතු බදු කිරීමේදී පළ සු මිනිස් මළ සිරුරු වල අත්රි කොටස් සම්බන්ධව මාවතැල්ල දිපා /මහේස්සුගේ අධිකරණයේ හඩු අත AR22698/2022 යටතේ 2022.06.23 දිහ ලබා දී ඇති නියෝගයට අනුව කොට්ඨාස භාර මහජන අපාමය පරිශ්ණ පරිශ්ණ පරිශ්ණ කරන ලදී. එම දී අදාල ආයතනය එරික් එය සිදු කලයුතු ආකාරය පිළිබඳව අදාල ආයතනය වෙන උරහල්ස් ලබා දී ඇත.

ඒ අතුව අදාල ආශකාශ විසින් අපදුම්ව පුවාකෙනේදී සහස සඳහන් නිර්දේෂයන්ට අනුව කටයුතු තරන්න.

- අයදුවා ප්‍රවාහනය සඳහා පුදුසු වාහෝයක් භාවිතා කල යුතුය.මෙහිදී අපදුවය මාර්යයන්ට වැටීමෙන් හෝ විසිර යාවෙන් වළකා සැතීමට කටයුතු කල යුතු අතර මහජනතාවට පුදර්ගනය පතාවන අකාරයට ආවරණය හොට ප්‍රවාහනය කල යුතුය.
- ඒ සඳහා සේවයේ යොදවන කාර්ය පිණ්ඩලය ආරක්ෂිත අදුළු භාවිතා ක්රීමට අවසා කට්යුතු පෙදිය , යුතුය.
- ප්‍රවාහනය සභාව මැතැල්ලත ශ්‍රීතක ඒවා බැහැර කිරීමට යොදා හෝනා ස්ථානය භාවධාන හාර මහජන පෙබෙය පරික්ෂකවරයාගේ ප්‍රථ ණ අධික්ෂණයට ලක් විය යුතුය.
- නැවන බැහැරලන ස්ථානය අපදුවට නැහැර කිරීමට එක් පිළැක් ප්‍රමාණවත් නොවන්තේනම ඒ සඳහා සුපුසු වලවල් කිහිපයක් භාවිත කිරීමට නවයුතු කල යුතුය.
- වලවල් තුළට අපදුවර බැහැර කිරීමෙන් පසු ඒවා තත්ර පරිපරය සමඟ සම්බන්ධ නොවීමට නිසි ලෙස පස් වලින් වසා දැමිය යුතුය.
- 6. බැහැරලිමේ කටයුතු දින කිහිපයක් තුලදී විවත් විට සිදු කරනු ලබයි නම ඒ සෑම අවශ්‍රවාධකදීම ඉහසින් සඳහන් කල සෞඛ්‍ය උපදෙස් අනුව කටයුතු කරන්න. කම්පුර්ණ බැහැරලිම කටයුතු නිමා වු පසු එය අවසන් වු බවට අදාල ආයතනය වෙන දැනුම දීමට කටයුතු කරන්න.

ංගාතන චෛදන **නිළධාරී** ලාවක**ේගු-**

Page 64 of 65

Chief Engineer, Road Development Authority, Kegalle. 03.11.2022

Dear Sir.

Related to stabilization work at Pahala Kadugannawa landslide area

According to the order given on June 23, 2022, under case number AR22698/2022 of the Mawanella, District Magistrate's Court regarding the bone fragments of the human corpses found during the stabilization work at the place where the Pahala Kadugannava landslide was carried out, the public health inspector in charge of the division examined. And, instructions have been given to the relevant institution on how to do it. The relevant institution should follow the following recommendations while transporting the bone fragments of human bodies accordingly.

- A suitable vehicle should be used for bone fragments transportation. In this case, arrangements should be made to prevent the bone fragments from falling or scattering on the road and to have them covered and transported in such a way that it is not exposed to the public.
- For that purpose, the employed staff should make necessary arrangements to use protective clothing (PPE).
- The place used for disposal should be subject to the full supervision of the public health inspector in charge of the division.
- 4. If one pit is not enough for disposal, should arrange to use several suitable pits.
- After finishing the disposal, Should be appropriately covered with soil so that do not contaminate the external environment.
- If disposal activities are carried out from time to time within a few days, follow the health instructions mentioned above in each case.

Once the entire disposal process is complete, arrange to notify the relevant agency that it has been completed.

Medical Officer of Health,

Mawanella.

Page 65 of 65