

## External Power Supply to Tsinandali Estates Ltd-owned Site in Village Tsinandali, Telavi Municipality

# Sub-Project Environmental and Social Screening and Environmental Management Plan

WORLD BANK FINANCED
SECOND REGIONAL AND MUNICIPAL INFRASTRUCTURE DEVELOPMENT PROJECT (SRMIDP)
Public-Private Investment (PPI)

#### The Sub-Project Description

The Subproject (SP) site is located in Telavi municipality, Kakheti region, Eastern Georgia. The SP includes arrangement of power supply for the site (cadastral code 53.03.39.061) owned by Tsinandali Estates Ltd. The capacity of the power supply will be 3000 kW on 10 kW voltage with the total length of 2,164 km. The cables will be laid underground along Akhmeta-Telavi-Bakurtsikhe road. The Roads Department of Georgia has provided written consent on carrying out these works. Arrangement of a transformer or an electric sub-station is not required and not included in the SP. The SP is designed by ENERGO-PRO Georgia JSC and the constructing works will be carried out by the same company.

#### (A) IMPACT IDENTIFICATION

Does the sub-project have a tangible impact on the environment?	The SP has tangible positive social impact.
What are the significant beneficial and adverse environmental effects of the subproject?	The SP is expected to have neutral long-term impact on the environment, while its short-term impacts are assessed as minimal and typical for small to medium scale rehabilitation works in urban landscape: noise, dust, vibration, and emissions from the operation of construction machinery; generation of construction waste; disruption of traffic and pedestrian access.
Does the subproject have any significant potential impact on the local or affected communities?	No new land take and resettlement are expected.  The long-term social impact will be beneficial.  Employment of local citizens will increase:  • during SP implementation works (temporary income generation);  • after the SP implementation for maintenance/repairs of the restored infrastructure (long term income -generation);  • In tourism enterprises (hotels, bars, restaurants, shopping, entertainment, etc.);  Negative impacts are short term and limited to the construction site. They are related to the possible disturbance described above.
What impact has the subproject on the human health?	The transmission lines will be arranged underground along Akhmeta-Telavi-Bakurtsikhe road, so transmission infrastructure will not create

electromagnetic field. The cables and the tranches of cables will have protecting layers.
Furthermore, no residential or public buildings are located nearby, so impact on public health through the SP will be zero.

#### (B) MITIGATION MEASURES

proposed?  negative impacts of the construction phase can be easily mitigated by demarcation of the construction site, traffic management, good maintenance of the construction machinery,		<del>,</del>
proposed?  negative impacts of the construction phase can be easily mitigated by demarcation of the construction site, traffic management, good maintenance of the construction machinery, observance of the established working hours, and well organized disposal of waste to the formally agreed sites.  The constructing contractor has to ensure worker's health and safety by providing Personal Protective Equipment (PPE). Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots); Appropriate signposting of the sites will inform workers of key rules and regulations to follow.  Furthermore, the SP design-maker as the SP implementer will be ENERGO-PRO Georgia JSC, which is the only entity to provide the kind of works included in the SP and has relevant qualification and experience.  What lessons from the previous similar subprojects have been incorporated into the project design?  MDF have wide experience of implementation of medium and large-scale subprojects financed by various donor organizations.  N/A	What alternatives to the subproject design have	As the SP was proposed by ENERGO-PRO Georgia
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		N/A
taken into consideration in subproject preparation?		
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#### (D) CATEGORIZATION AND CONCLUSION

Based	on the screening outcomes,			
Subpro	ject is classified as environmental Category	Α		
		В		
		С		
Conclu	usion of the environmental screening:			
	Sub-project is declined Subproject is accepted			
If acce	pted, and based on risk assessment, subpr	oject p	reparation	requires:
1.	Completion of the Environmental Manager For Small Construction and Rehabilitation			
2.	Environmental Review, including develop Environmental Management Plan	ment o	of	

## Risk Assessment of Eligible Subprojects

Sensitive receptors of the Natural and Social Environment around a subproject site  Natural Habitats, fragile ecosystems	Yes / No? Yes	Significant potential impact / high risk  (check)  Forests; wetlands; nesting/breeding areas, rest areas for migratory birds, wildlife corridors connecting protected areas, steep slopes, alpine and sub- alpine zone, green-fields	Low potential impact / low risk  (check)  Strongly transformed urban or rural landscapes, industrial sites, brown-fields
Surface water bodies	No	Major rivers and river floodplains, trans-boundary water bodies and their tributaries, lakes; smaller water bodies which have high value for local communities or biodiversity  N/A	Small rivers and streams, artificial reservoirs and ponds which are not indicated as having high value for local communities or biodiversity  N/A
Groundwater sources	No	Deposits of the regional/national importance, mineral and/or thermal water sources, high groundwater table	Regular groundwater table  N/A
Valuable landscapes	No	Protected landscapes, landscapes of outstanding aesthetic value, Green-fields, recreational areas	Strongly transformed urban or rural landscapes, industrial sites, brown-fields  N/A
Physical cultural resources	No	Individual or general protection zones of cultural monuments, historical or traditional sites (religious, burial, ritual)	No cultural resources

		N/A	N/A
Human settlements	No	More than 20 affected households; physical relocation needed	Less than 20 affected households, no physical relocation needed, no land take required
		N/A	N/A
Geohazards: severe erosion, landslides, flooding	No	Recorded	Not recorded
		N/A	N/A

If a subproject is expected to carry high risk based on any of the above criteria of assessment, it is considered a high-risk subproject. An environmental review has to be carried out and an environmental management plan developed;

If a subproject is not expected to carry high risk based on any of the above criteria of assessment, it is considered a low risk subproject and an Environmental Management Checklist for Small Construction and Rehabilitation Activities has to be completed.

### Social Screening of Subprojects

	Social safeguards screening information	Yes	No
1	Is the information related to the affiliation and ownership status of	✓	
	the subproject site available and verifiable? (The screening cannot		
	be completed until this is available)		
2	Will the project reduce other people's access to their economic		✓
	resources, such as land, pasture, water, public services or other		
	resources that they depend on?		
3	Will the project result in resettlement of individuals or families or		✓
	require the acquisition of land (public or private, temporarily or		
	permanently) for its development?		
4	Will the project result in the temporary or permanent loss of crops,		✓
	fruit trees and		
	Household infra-structure (such as granaries, outside toilets and		
	kitchens, etc.)?		
If a	answer to any above question (except question 1) is "Yes", then OP/BP 4.12 Involun	tary Resett	lement
is a	applicable and mitigation measures should follow this OP/BP 4.12 and the Resettlen	nent Policy	
Fra	amework		
	Cultural resources safeguard screening information	Yes	No
5	Will the project require excavation near any historical,		<b>√</b>
	archaeological or cultural heritage site?		
If a	answer to question 5 is "Yes", then <b>OP/BP 4.11 Physical Cultural Resources</b> is applic	able and po	ssible

chance finds must be handled in accordance with OP/BP and relevant procedures provided in the

**Environmental Management Framework.** 

Municipality	y to Tsinandali Estates						
Municipality	y to Tsinandali Estates						
The Subproject (SP) si		External Power Supply to Tsinandali Estates Ltd-owned Site in Village Tsinandali, Telavi Municipality					
The Subproject (SP) site is located in Telavi municipality, Kakheti region, Eastern Georgia. The SP includes arrangement of power supply for the site (cadastral code 53.03.39.061) owned by Tsinandali Estates Ltd. The capacity of the power supply will be 3000 kW on 10 kW voltage with the total length of 2,164 km. The cables will be underground and along Akhmeta-Telavi-Bakurtsikhe road. The Roads Department of Georgia has provided written consent on carrying out these works. Arrangement of a transformer or an electric sub-station is not required and not included in the SP. The SP is designed by and the constructing works will be carried out by							
WB (Project Team Leader)	Project Management Municipal	Safeguard Supervision MDF	Local Counterpart and/or Recipient				
Joana Mclean Masic	Development Fund of Georgia	Ketevan Papashvili	Telavi Municipality				
Safeguard Supervision WB Darejan Kapanadze Environment	Local Counterpart Supervision Construction supervision consultancy company "EPTISA"	Local Inspectorate Supervision -	Contractor ENERGO-PRO Georgia JSC				
Village Tsinandali							
The subproject site is located in Eastern Georgia, Kakheti Region, in Telavi municipality.  Access to the construction sites from Tbilisi is possible through Tbilisi- Telavi motorway and distance from Tbilisi is approximately 150 km.							
State owned land							
Village Tsinandali is located in Telavi municipality of Kakheti Region, Eastern Georgia.  It is the administrative center of Kakheti region and Telavi municipality. It is located in the bottom of the north-east side of Gombori Mountain, on Alazani valley, 550-800 m. above the sea level.  There are many rivers on the Telavi municipality area. The main river is the river Alazani. Its							
	with the total length of Bakurtsikhe road. The out these works. Arra not included in the SP the same company.  WB (Project Team Leader) Joana Mclean Masic Safeguard Supervision WB Darejan Kapanadze Environment  Village Tsinandali The subproject site is Access to the construct distance from Tbilisi is State owned land  Village Tsinandali is lout is the administrative bottom of the norther sea level.  There are many rivers	with the total length of 2,164 km. The cables Bakurtsikhe road. The Roads Department of Cout these works. Arrangement of a transform not included in the SP. The SP is designed by a the same company.  WB Project Management Municipal Development Fund of Georgia  Joana Mclean Development Fund of Georgia  Safeguard Local Counterpart Supervision Construction supervision Construction supervision consultancy company "EPTISA"  Village Tsinandali  The subproject site is located in Eastern Geor Access to the construction sites from Tbilisi is distance from Tbilisi is approximately 150 km  State owned land  Village Tsinandali is located in Telavi municipal It is the administrative center of Kakheti region bottom of the north-east side of Gombori Mosea level.  There are many rivers on the Telavi municipal	with the total length of 2,164 km. The cables will be underground an Bakurtsikhe road. The Roads Department of Georgia has provided wri out these works. Arrangement of a transformer or an electric sub-stanot included in the SP. The SP is designed by and the constructing worthe same company.  WB Project Safeguard Supervision Municipal MDF  Joana Mclean Development Fund of Georgia  Safeguard Local Counterpart Supervision  WB Supervision Supervision Supervision  WB Construction Supervision  Construction Supervision Consultancy Company "EPTISA"  Village Tsinandali  The subproject site is located in Eastern Georgia, Kakheti Region, in T Access to the construction sites from Tbilisi is possible through Tbilisi distance from Tbilisi is approximately 150 km.  State owned land  Village Tsinandali is located in Telavi municipality of Kakheti Region, Elt is the administrative center of Kakheti region and Telavi municipalit bottom of the north-east side of Gombori Mountain, on Alazani valler sea level.				

One of the main resources of Telavi municipality is the ecologically pure potable water.

In the bed of river River Duruji there are unlimited resources of inactive materials that are characterized by the high degree of stickiness, from which it is possible to produce the unique construction materials and household equipment.

Locations and distance for material sourcing, especially aggregates, water, stones? Average distance of transportation of local construction materials will be around 10 km.

At the construction site water for construction activities will be provided through water tankers and potable water will be provided with plastic bottles.

Some of excavated material will be backfilled and some additional material will be delivered from the licensed borrowing sites – estimated distance 5-10 km.

Construction waste will be disposed at Telavi municipal landfill.

#### **LEGISLATION**

Identify national & local legislation & permits that apply to project activity

The subproject has been classified as low risk Category B according to the WB policies and the EMF. Telavi municipal authority approved the subproject.

Georgian legislation does not require any type of environmental review, approval, or permitting for the subproject. Though according to the national regulatory system,

- (i) construction materials must be obtained from licensed providers,
- (ii) if contractor wishes to open quarries or extract material from river bed (rather than purchasing these materials from other providers), then the contractor must obtain licenses for extraction,
- (iii) if contractor wishes to operate own asphalt or concrete plant (rather than purchasing these materials from other providers), then the contractor must obtain an environmental permit with an established ceiling of pollutant concentrations in emissions.
- (iv) disposal of the construction waste into a landfill or permanent placement of access inert material generated in the course of earth works in a selected location must be approved by local (municipal) governing bodies in written.

GOST and SNIP norms must be adhered.

#### **PUBLIC DISCLOUSRE**

Present ESMP was disclosed through the web page of MDF on 16/07/2018

#### **ATTACHMENTS**

Letter of consent from Roads Department of Georgia

#### **PART C: SAFEGUARDS INFORMATION**

ENVIRONMENTAL /SOCIAL SCREENING					
	Activity/Issue	Status	Triggered Actions		
	A. Rehabilitation	Yes [] No	See Section A below		
	B. New construction	[] Yes No	See Section <b>A</b> below		
Will the site	C. Individual wastewater treatment system	[] Yes No	See Section <b>B</b> below		
activity	D. Historic building(s) and districts	[] Yes No	See Section <b>C</b> below		
include/involve any of the	E. Acquisition of land <sup>1</sup>	[] Yes No	See Section <b>D</b> below		
following?	F. Hazardous or toxic materials <sup>2</sup>	[] Yes No	See Section <b>E</b> below		
	G. Impacts on forests and/or protected areas	[] Yes No	See Section <b>F</b> below		
	H. Handling / management of medical waste	[] Yes No	See Section <b>G</b> below		
	I. Traffic and Pedestrian Safety	Yes [] No	See Section <b>H</b> below		

<sup>&</sup>lt;sup>1</sup> Land acquisitions includes displacement of people, change of livelihood encroachment on private property this is to land that is purchased/transferred and affects people who are living and/or squatters and/or operate a business (kiosks) on land that is being acquired.

<sup>2</sup> Toxic / hazardous material includes but is not limited to asbestos, toxic paints, noxious solvents, removal of lead paint, etc.

#### **PART D: MITIGATION MEASURES**

ACTIVITY	PARAMETER	MITIGATION MEASURES CHECKLIST
General Conditions	Notification and Worker Safety	<ul> <li>(a) The local construction and environment inspectorates and communities have been notified of upcoming activities</li> <li>(b) The public has been notified of the works through appropriate notification in the media and/or at publicly accessible sites (including the site of the works)</li> <li>(c) All legally required permits have been acquired for construction and/or rehabilitation</li> <li>(d) The Contractor formally agrees that all work will be carried out in a safe and disciplined manner designed to minimize impacts on neighboring residents and environment.</li> <li>(e) Workers' PPE will comply with international good practice (always hardhats, as needed masks and safety glasses, harnesses and safety boots)</li> <li>(f) Appropriate signposting of the sites will inform workers of key rules and regulations to follow.</li> </ul>
General Rehabilitation and /or Construction Activities	Air Quality	<ul> <li>(a) During interior demolition debris-chutes shall be used above the first floor</li> <li>(b) Demolition debris shall be kept in controlled area and sprayed with water mist to reduce debris dust</li> <li>(c) During pneumatic drilling/wall destruction dust shall be suppressed by ongoing water spraying and/or installing dust screen enclosures at site</li> <li>(d) The surrounding environment (sidewalks, roads) shall be kept free of debris to minimize dust</li> <li>(e) There will be no open burning of construction / waste material at the site</li> <li>(f) There will be no excessive idling of construction vehicles at sites</li> </ul>
	Noise	<ul> <li>(a) Construction noise will be limited to restricted times agreed to in the permit</li> <li>(b) During operations the engine covers of generators, air compressors and other powered mechanical equipment shall be closed, and equipment placed as far away from residential areas as possible</li> </ul>
	Water Quality	(a) The site will establish appropriate erosion and sediment control measures such as e.g. hay bales and / or silt fences to prevent sediment from moving off site and causing excessive turbidity in nearby streams and rivers.
	Waste management	<ul> <li>(a) Waste collection and disposal pathways and sites will be identified for all major waste types expected from demolition and construction activities.</li> <li>(b) Mineral construction and demolition wastes will be separated from general refuse, organic, liquid and chemical wastes by on-site sorting and stored in appropriate containers.</li> <li>(c) Construction waste will be collected and disposed properly by licensed collectors</li> <li>(d) The records of waste disposal will be maintained as proof for proper management as designed.</li> <li>(e) Whenever feasible the contractor will reuse and recycle appropriate and viable materials (except asbestos)</li> </ul>
Traffic and Pedestrian	Direct or indirect hazards	(a) In compliance with national regulations the contractor will insure that the construction site is properly secured and
Safety	to public traffic and pedestrians by construction activities	<ul> <li>construction related traffic regulated. This includes but is not limited to</li> <li>Signposting, warning signs, barriers and traffic diversions: site will be clearly visible and the public warned of all potential hazards</li> <li>Traffic management system and staff training, especially for site access and near-site heavy traffic. Provision of safe passages and crossings for pedestrians where construction traffic interferes.</li> <li>Adjustment of working hours to local traffic patterns, e.g. avoiding major transport activities during rush hours or times of livestock movement</li> <li>Active traffic management by trained and visible staff at the site, if required for safe and convenient passage for the public.</li> <li>Ensuring safe and continuous access to office facilities, shops and residences during renovation activities, if the</li> </ul>

#### Part E: Environmental Monitoring Plan

Activity	What (Is the parameter to be monitored?)	Where  (Is the parameter to be monitored?)	How  (Is the parameter to be monitored?)	When  (Define the frequency / or continuous?)	Why (Is the parameter being monitored?)	Who (Is responsible for monitoring?)
	montorea: y	to be monitored:	CONSTRUCTION	·	monitored: y	monitoring: )
Supply with construction materials	Purchase of construction materials from the officially registered suppliers	In the supplier's office or warehouse	Verification of documents	During conclusion of the supply contracts	To ensure technical reliability and safety of infrastructure	MDF, Construction supervisor
Transportation of construction materials and waste Movement of construction machinery	Technical condition of vehicles and machinery Confinement and protection of truck loads with lining Respect of the established hours and routes of transportation	Construction site	Inspection	Unannounced inspections during work hours and beyond	Limit pollution of soil and air from emissions; Limit nuisance to local communities from noise and vibration; Minimize traffic disruption.	MDF, Construction supervisor, Traffic Police
Earth works	Temporary storage of excavated material in the pre-defined and agreed upon locations;  Backfilling of the excavated material and/or its disposal to the formally designated locations;  In case of chance finds immediate suspension of works, notification of the Ministry of Culture and Monument Protection, and resumption of works exclusively upon formal consent of the Ministry.	Construction site	Inspection	In the course of earth works	Prevent pollution of the construction site and its surroundings with construction waste; Prevent damage and loss of physical cultural resources	MDF, Construction supervisor

Activity	What (Is the parameter to be	Where (Is the parameter	How (Is the parameter	When (Define the frequency / or	Why (Is the parameter being	Who (Is responsible for
,	monitored?)	to be monitored?)	to be monitored?)	continuous?)	monitored?)	monitoring?)
Sourcing of inert material	Purchase of material from the existing suppliers if feasible;  Obtaining of extraction license by the works contract and strict compliance with the license conditions;  Terracing of the borrow area, backfilling to the exploited areas of the borrow site, and landscape harmonization;  Excavation of river gravel and sand from outside of the water stream, arrangement of protective barriers of gravel between excavation area and the water stream, and no entry of machinery into the water stream.	Borrowing areas	Inspection of documents Inspection of works	In the course of material extraction	Limiting erosion of slopes and degradation of ecosystems and landscapes; Limiting erosion of river banks, water pollution with suspended particles and disruption of aquatic life.	MDF, Construction supervisor
Generation of construction waste	Temporary storage of construction waste in especially allocated areas;  Timely disposal of waste to the formally designated locations	Construction site; Waste disposal site	Inspection	Periodically during construction and upon complaints	Prevent pollution of the construction site and nearby area with solid waste	MDF, Construction supervisor
Traffic disruption and limitation of pedestrian access	Installation of traffic limitation/diversion signage;  Storage of construction materials and temporary placement of construction waste in a way preventing congestion of access roads	At and around the construction site	Inspection	In the course of construction works	Prevent traffic accidents; Limit nuisance to local residents	MDF, Construction supervisor

	What	Where	How	When	Why	Who
Activity	(Is the parameter to be monitored?)	(Is the parameter to be monitored?)	(Is the parameter to be monitored?)	(Define the frequency / or continuous?)	(Is the parameter being monitored?)	(Is responsible for monitoring?)
Workers' health and safety	Provision of uniforms and safety gear to workers;  Informing of workers and personnel on the personal safety rules and instructions for operating machinery/equipment, and strict compliance with these rules/instructions	Construction site	Inspection	Unannounced inspections in the course of work	Limit occurrence of on-the- job accidents and emergencies	MDF, Construction supervisor
OPERATION PHASE						
Technical maintenance of illumination infrastructure	Good technical condition of wires and other electric equipment	Illuminated streets	Inspection	Throughout operation of the system	Prevent accidents related to people's exposure to power sources	Telavi municipality
Disruption of traffic and pedestrian access during maintenance works	Scheduling of maintenance works in Akhmeta-Telavi- Bakurtsikhe road at less busy hours and proper signage of maintenance area	rehabilitated road and infrastructure	Inspection	Throughout operation of the site	Minimize nuisance to local residents	Telavi municipality

#### **Letter from Road Department of Georgia**



ᲡᲐᲥᲐᲠᲗᲕᲔᲚᲝᲡ ᲠᲔᲒᲘᲝᲜᲣᲚᲘ ᲒᲐᲜᲕᲘᲗᲐᲠᲔᲒᲘᲡᲐ ᲓᲐ ᲘᲜᲤᲠᲐᲡᲢᲠᲣᲥᲢᲣᲠᲘᲡ ᲡᲐᲛᲘᲜᲘᲡᲢᲠᲝ ᲡᲐᲥᲐᲠᲗᲕᲔᲚᲝᲡ ᲡᲐᲐᲕᲢᲝᲛᲝᲒᲘᲚᲝ ᲒᲖᲔᲒᲘᲡ ᲓᲔᲞᲐᲠᲢᲐᲛᲔᲜᲢᲘ

N 2-03/6948 15/06/2018



საქციო საზოგადოება "ენერგო-პრო ჯორჯია"-ს განვითარების მენეჯერს ბატონ **ზდენევ ვესელს** 

> ასლი: მ.პ.ს. "გზამმენი 2005"-ის დირექტორს ბატონ ტარიელ ლაჩაშვილს

ასლი: უცხოური საწარმოს ფილიალს "სს ინსტიტუტი თვპ. სააქციო საზოგადოება სამოქალაქო მშენემლობის კვლევებისა და განვითარების საკითხებში"

საქართველოს სააგტომოზილო გზების დეპარტამენტი, ითვალისწინებს რა სააქციო საზოგადოება "ენერგო-პრო ჯორჯია"-ს №2244308 31.05.2018 წ. მიმართვას, არ არის წინააღმდეგი თვლავის მუნიციპალიტეტის სოფ. წინანდლის მიმდებარე ტერიტორიაზე, არსებული შპს. "წინანდლის მამულების" კუთვნილი ობიეტტის (საქ 53.03.39.061) გარე ვლეტტრომომარაგების ქსელში ჩართვისათვის, მიდასაბულმწიფოებრივი მნიშვნულობის ახმეტა-თულვი-ბაკურციბის საავტომოზილო გზის კმ37+3478-კ837+7898 მონაკვეთზე, ღერძიდან მარჯვენა მხარეს, ახალი 10 კვ ძამვის საკახელო ელგადამცემი ხაზის გატარებისათვის, გაიჭრას ტრანშვა ღია წესით, და განხორციელდეს სავალი ნაწილის განივი გადავვეთა დახურული წესით შემდეგი ტეტნიკური პირობების დაცვით:

- 1. 10 კვ მანვის ელ გადამცები საკაბელო ხაზის გატარებისათვის, გაიჭრას ტრანშვა 0.80-18 სირღმით, ს/გზის ლერძიდან მარჯვენა მხარეს, ს/გზის ელემენტების (გვერდულის / საორიენტაციო ზოწკინტების / გარეგანათების დგარების / თვალამრიდის / ტროტუარის / კიუვეტის /ყრილის მირის) ფარგლებს გარეთ მაქსიმალური დამორებით, წარმოდგენილი დანართის სტების შესაბამისად, საგზაო ინფრასტრუქტურის, მიმდებარე ლანდმაფტისა და ადგილზე არსებული სხვა კომუნიკაციების ელემენტების დაზიანების გარებე.
- 2. ტრანმეაში კახელის გარსაცმი მილის მოწყობისას, თხრილის ქედა ნაწილი უნდა შვივსოს ქვიშა-ხრეშის ფენით (b-15სმ), ზედა თხრილიდან ამოღემული გრუნტის უკუჩაყრით, თხრილის შემავსემელი მასალა უნდა დაიტკეპნოს 15-20 სმ სისქის ფენებად, კახელის ტრასირების ზოლში ლანდშაფტის ელემენტები აღდგენილი უნდა იქნეს პირვანდელის ანალოგიურ მდგომარეობამდე.

0160, ობილისი, ალ. ციზბედის გამზ. N-12, ტელ. (+995-32) 2376-286, ფაქსი (+995-32) 2376-236 ელ-ფიბსეი: **info@georoad.ge** 

- 3. საკაბელო ხაზით სავალი ნაწილის განივი გადაკვეთა გახორციელდეს დახურული წესით (პორიზონტალური ზურღვის/გრუნტის გამოჭირზენის მეთოდით). კომუნიკაციის გარსაცმი მილის ზედა მსახველის ჩაღრმავებამ ასფალტ-ზეტონის სამოსის ზედაპირიდან უნდა შვადგინოს 0.8-1,0 მ. მიწის ვაკისის განივად გადაკვეთის სამუშაოვბი უნდა ჩატარდეს მიმდებარე ლანდმაფტისა და ადგილზე არსებული სხვა კობუნიკაციების ულემენტების დაზიანების გარეშე.
- 4. საკამელო ელ-გადანცემი ხაზის ტრანშეის გაჭრის და გადაკვეთის ადგილები წინასწარ, სამუშაოების დაწყებანდე, უნდა დაზუსტდეს, ს/გზის მოელა-შენახვის სამუშაოების შემსრულებელი კონტრაქტორი ორგანიზაციის შ.პ.ს. "გზამშენი 2005"-ის და უცხოური საწარმოს ფილიალის "სს ინსტიტუტი იგპ. სააქციო საზოგადოება სამოქალაქო მშენებლობის კვლევებისა და განვითარების საკითხებში" წარმომადგენელებთან ერთად.
- 5. სამშენებლო-სამონტაჟო სამუშაოების მიმდინარეობისას უზრუნველყოფილი უნდა იყოს სატრანსპორტო ნაკადების შეეფერხებული მოძრაობა. საჭიროების შემთხვევაში საქართველოს მინაგან საქმეთა სამინისტროს შესაბამის ქვედანაყოფთან შეთანბმებით უნდა დაიდგას შესაბამისი გამაფრთხილებელი საგზაო ნიშნები.
- 6. ელ გადამცემი ხაზის სამშენებლო-სამონტაჟო სამუშაოების შესახრულებლად ს/გზის სავალ წანეილზე და გვერდულზე მუბლუბა მექანიზმების გადაადგილება კატეგორიულად იგრბლუბა. სამონტაჟო სამუშაოების მიმდინარეობისას აკრისლულია საავტომობილო გზის სავალ ნაწილზე და/ან გვერდულზე სამუნი მისალის დასაწყობება, სამშენებლო სამუნენების და სბვ. დაყრა, ასევე ავტოტრანსპორტის გამერება და დგომა. ელკადამევში ხაზის სამშენებლო-სამონტაჟი სამუშაოების დასრულებისთანავე (ეს იქნება ტრანშეა/დგარების ფუნდამენტები ან სხვა) მიწის სამუშაოებიდან დარჩენილი ზედმეტი გრუნტი, ან სხვა სამშენებლო სარჩენები უნდა იქნეს გატანილი ნაყარში, ადგილობრივი თვითმმართველობის ორგანოებთან შეთანხმებულ ადგილზე.
- 7. სამუშაოების წარმოებისას სააგტომობილო გზის დასნ მიმდებარე ლანდშაფტური ელემენტების დაზიანების შემთხვევაში, სამონტაყო სამუშაოების დამთავრების შემდეგ უნდა მოხდეს მათი მოყეანა პირვანდელ მდგომარეობაში, სამუშაოს მწარმოებელი ორგანიზაციის ძალებითა და დამკვეთის სახსრებით.
- სამშენებლო-სამონტაჟო სამუშაოების დაწყების და დამთავრების გრაფიკები (დრო და ხანგრძლივობა) შეთანბმებული უნდა იქნეს გ.მ.ს. "გზამმენი 2005"-თან და საქართველოს შინაგან საქმეთა სამინისტროს შესაბამის ქვედანაყოფთან.
- 9. საავტომობილო გზის იმ მონაკვეთის განთვისების ზოლში, რომელიც ელ-გადამცემი ხაზის ტრასასთან შეხებაშია, საგზაო სამუშაოების შესრულებისას, თუ ამას საჭიროვმა მოითხოვს, კომუნიკაციის მვმატრონე ვალდებულია საქართველოს საავტომობილო გზების დემარტამენტის პირველივე მოთხოვნისთანავე, თავისი სახსრებით (დემარტამენტის მხრიდან ყოველგვარი ანაზღაურების გარემე) მოახდინოს კომუნიკაციის დემონტაჟი და გადატანა სხვა ადგილზე, საგზაო სამუშაოების წარმოებისას (შეთამხმებული ტეტიკური პირომების დარღვევით გატარებული) ვ.გ. საზის დაზიანება შემთანებებული ტეტიკური პირომების დარღვევით გატარებული) ვ.გ. საზის დაზიანებას შემთანების გარტამენტი პასუბს არ აგებს. დაზიანება უნდა აღმოიფხერას კომუნიკაციის მემატრონის ძალებითა და სახსრებით.
- 10. ზემოთ აღნიშნული ტექნიკური პირობების შესრულებაზე საერთო კონტროლი ევალება საქართველოს საავტომობილო გზების დეპარტამენტის საავტომობილო გზების მიმდინარე და პერიოდული შეკეთების სამუშაოების კონტროლისა და მონიტორინგის სამსახურა, შ.პ.ს. "გზამშენი 2005"-ს და უცხოური საწარმოს ფილიალს "სს ინსტიტუტი იგპ. სააქციო საზოგადოება სამოქალაქო მწენებლობის კულევებისა და განვითარების საკითხებში".

11. ზემოთ ჩამოთვლილი პირობების დარღვევის შემთხვევაში, საქართველოს საავტომობილო გზების დეპარტამენტი იტოვებს უფლებას იმოქმედოს საქართველოს კანონმდებლობით დადგენილი წესის შესაბამისად.

წუგზარ გახვიანი

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